



# AATS GRAHAM FOUNDATION



PROMOTING EXCELLENCE AROUND THE GLOBE



## MISSION

Driving leadership, learning and innovation in the pursuit of excellence.

## VISION

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

## VALUES

### **Academic Exchange**

It is our past and our future.

### **Innovation and Collaboration**

Working together to advance and achieve our mission.

### **Advancing Patient Care**

Our cornerstone as physicians.

### **Fostering Leadership**

Maintaining excellence for future generations.

### **Trusted Stewardship**

Honoring our history and safeguarding our future.

## TABLE OF CONTENTS

- 1 A Year of Leadership, Learning and Innovation**
- 2 Board of Directors**
- 5 Promoting Excellence: Our Programs**
- 6 Year at a Glance**
- 7 New in 2015**
- 8 Invest in the Future**
- 11 Individual Giving**
- 13 Corporate/Organizational Giving**
- 14 The Numbers in 2014**
- 17 2014 Donors**
- 18 Lifetime Giving Societies**

## A YEAR OF LEADERSHIP, LEARNING AND INNOVATION

In 2014, the AATS Graham Foundation continued to fulfill its mission of **leadership, learning and innovation** through an impressive roster of 15 programs. Our fellowship and scholarship opportunities make a difference at every level of a cardiothoracic (CT) surgeon's development — expanding the knowledge and skills of medical students, residents, fellows, recent graduates and practicing surgeons.

During the year, we were also looking toward the future, partnering with industry members — AtriCure, the Edwards Lifesciences Foundation, Ethicon China, Ethicon, Intuitive, Medtronic and Olympus America — to develop exciting new curricula for 2015.

It was a year of **leadership**. We reached young CT surgeons through the Research Scholarship, Resident Poster Competition and the Joint Council on Thoracic Surgery Education (JCTSE) Cardiothoracic Surgery Resident "Top Gun" Competition. We also focused on leadership within the surgical team via the Allied Health Professionals Poster Competition and scholarships to the FACTS-Care Cardiovascular-Thoracic (CVT) Critical Care Conference.

It was a year of **learning**, providing training opportunities in a wide-range of areas including CT ethics, heart valve disease, minimally invasive surgery (MIS), robotic surgery and more. Additionally, the Foundation has provided educational opportunities for residents and medical students through the Member for a Day program and the Summer Intern Scholarship.

And it was a year of **innovation**, funding clinical and translational research for surgical investigators, as well as planning new international endeavors — which will bring Chinese surgeons to the U.S. for advanced education and provide state-of-the-art heart valve disease information at a Brazil conference to surgeons dealing with underserved populations.

We could not continue to reinforce our mission and offer such a vast array of opportunities without the support of our donors, including AATS members — 75 percent of whom have sustained our work through their generosity, including donation of their honoraria.

Every day, CT surgeons change the lives of their patients. And every day, young men and women around the world are selecting CT surgery as a career. We are committed to ensuring that these patients get the highest level of care possible from surgeons who have had the opportunity to continually hone and update their knowledge and skills.

Please be a part of this important work by making a donation to the Foundation or renewing your support. Together, we can safeguard our specialty for the next generation of surgeons and patients, alike.



**David J. Sugarbaker, MD**

President

## BOARD OF DIRECTORS



### President

David J. Sugarbaker, MD  
*Baylor College of Medicine*



### Vice President

Thoralf M. Sundt, III, MD  
*Massachusetts General Hospital*



### Secretary/Treasurer

Thomas L. Spray, MD  
*Children's Hospital of Philadelphia*



### Directors

Raphael Bueno, MD  
*Brigham and Women's Hospital*



Timothy J. Gardner, MD  
*Christiana Care Health System*



J. William Gaynor, MD  
*Children's Hospital of Philadelphia*



Hartzell V. Schaff, MD  
*Mayo Clinic*



Craig R. Smith, MD  
*NewYork-Presbyterian Hospital/Columbia University Medical Center*

### ADVISORY COUNCIL

#### Chair

Timothy J. Gardner, MD  
*Christiana Care Health System*

#### Members

David H. Adams, MD  
*Mount Sinai Medical Center*

Emile A. Bacha, MD  
*NewYork-Presbyterian Morgan Stanley Children's Hospital*

Thomas A. D'Amico, MD  
*Duke University Medical Center*

Bryan F. Meyers, MD  
*Washington University School of Medicine, Barnes Jewish Hospital*

Vinod H. Thourani, MD  
*Emory University Hospital Midtown*

Y. Joseph Woo, MD  
*Stanford University*

### DEVELOPMENT COMMITTEE

#### Chair

Raphael Bueno, MD  
*Brigham and Women's Hospital*

#### Members

James D. Luketich, MD  
*University of Pittsburgh Medical Center*

Mehmet C. Oz, MD  
*NewYork-Presbyterian Hospital/Columbia University Medical Center*

Jack A. Roth, MD  
*University of Texas MD Anderson Cancer Center*

Craig R. Smith, MD  
*NewYork-Presbyterian Hospital/Columbia University Medical Center*

Lars G. Svensson, MD  
*Cleveland Clinic*

James S. Tweddell, MD  
*Children's Hospital of Wisconsin*

MARC R. DE LEVAL, MD, FRCS

The Harley Street Clinic/Congenital Heart Centre

London, England



## GRAHAM MEMORIAL TRAVELING FELLOWSHIP 1973-1974

A native of Belgium, Marc de Leval was fascinated with the developing field of cardiothoracic surgery. He decided to become a heart surgeon, but there was no program in his home country. He applied for a Graham Fellowship hoping to study management of complex congenital malformations at the Mayo Clinic.

*The...fellowship was the single most significant event of my professional career.*

de Leval was exposed to surgery during the day and the intensive care unit at night. It was the early days of the Fontan operation — one of de Leval's future research interests. He studied with Gordon Danielson, Dwight McGoon and Robert Wallace. Dr. McGoon inspired de Leval's research on the role of human factors on surgery outcomes.

*...Dr. McGoon had the greatest impact, and I often likened him as a second father.*

de Leval's Graham Fellowship was the start of his 40-year affiliation with AATS.

*All of this would not have happened without the Evarts Graham Fellowship.*



ENGLAND: LONDON TELEPHONE BOOTHS

## GRAHAM MEMORIAL TRAVELING FELLOWSHIP 2008-2009



SACHIN TALWAR, MS, MCH, FIACS

All India Institute of Medical Sciences (AIIMS)

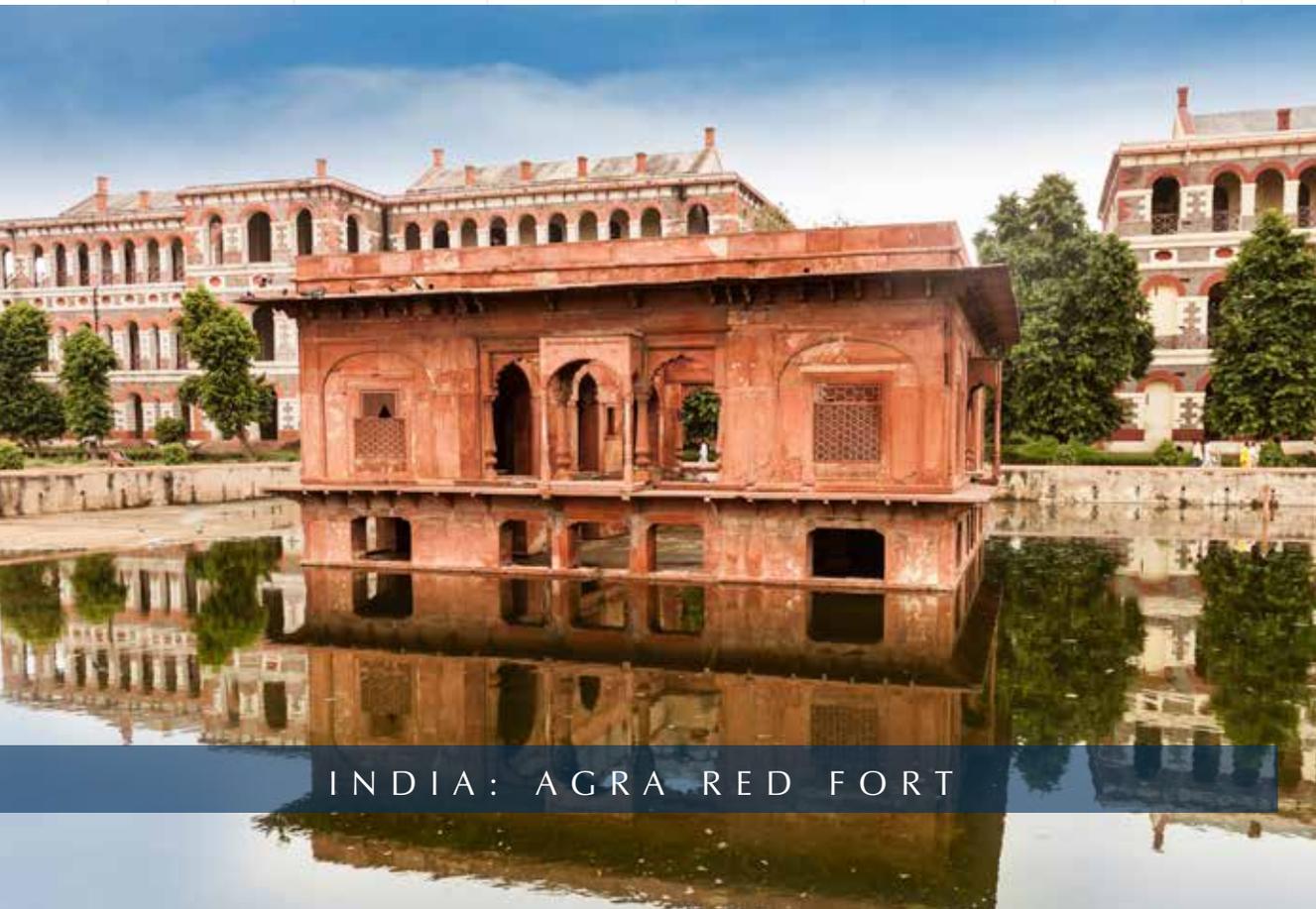
New Delhi, India

During his residency, it became clear to Sachin Talwar that congenital heart disease was prevalent in India, but that there were few specialists in the field or centers for them to operate in. He knew he wanted to become a pediatric cardiac surgeon and needed to study at a center with strict protocols spanning from diagnosis to discharge.

*...I have learned that...congenital cardiac surgery requires a multi-pronged approach with learning of proper established protocols.*

His primary host institution was Children's National Medical Center (Washington, D.C.). Its Chief of Cardiovascular Surgery — Richard Jonas — is a pediatric cardiac surgery pioneer. Talwar was exposed to a wide range of experiences — patient care, cardiac ICU, cardiac catheterization, cardiac MRI, fetal heart program, telecardiology, family care. At the end of his fellowship, Talwar built a perfusion guideline, which he believed would work in India. Today, he is a pediatric cardiac surgeon at AIIMS.

*I hope that I will be able to develop many protocols and take part in multi-institutional studies to enhance my own skills and contribute to the specialty.*



INDIA: AGRA RED FORT

## PROMOTING EXCELLENCE: OUR PROGRAMS

### Allied Health Poster Competition

Provides CT allied health professionals with an opportunity to present a poster on research or innovative approaches to patient management at the AATS Annual Meeting. The winner receives a \$1,000 stipend to offset their travel/accommodation expenses.

### Cardiothoracic Ethics Forum Scholarship

Fosters future leaders in CT ethics by offering scholarships in amounts up to \$10,000, allowing surgeons to receive biomedical ethics education and training at leading North American bioethics centers.

### Cardiothoracic Surgical Investigator Program

Provides up to \$50,000 annually per recipient to support innovative clinical or translational research by young CT surgeons for up to three years.

### Critical Care Scholarship

Exposes CT surgery residents to cardiovascular critical care by providing complimentary registration and funding for travel to attend the annual FACTS-Care CVT Critical Care Conference.

### Edwards Lifesciences Advanced Treatments of Valve Disease Fellowship

Offers an award of \$25,000 to defray travel and living expenses for a minimum of three months training at a host institution in valve repair, transcatheter repair or replacement of valves.

### Evarts A. Graham Traveling Fellowship

Enhances the training of international academic CT surgeons and increases their international contacts by underwriting one-year of study at North American institutions. Includes a \$75,000 stipend and round-trip airfare. Since 1951, fellows have included 63 individuals from 32 countries.

### F. Griffith Pearson Fellowship

Supports surgeons who have finished their residencies to advance their clinical techniques at a North American host institute. Each fellow receives \$3,500 to defray living expenses during four to six weeks of training. This is the first "Honoring Our Mentors Fellowship," a program acknowledging the leadership and dedication of surgeons in the field.

### Intuitive Surgical Robotics Fellowship

Familiarizes North American general thoracic fellows and their attending surgeons with the Da Vinci robotics system during two days of onsite, advanced training. Includes a \$2,500 grant to defray airfare to and accommodations at the training center.

### Joint Council on Thoracic Surgery Education Cardiothoracic Surgery Resident "Top Gun" Competition

Gives five CT residents the opportunity to present live demonstrations of their skills at the AATS Annual Meeting.

### Journal Subscriptions

Provides North American residents and trainees complimentary one-year online and print subscriptions to *The Journal of Thoracic and Cardiovascular Surgery (JTCVS)*, *Operative Techniques in Thoracic and Cardiovascular Surgery* and *Seminars in Thoracic and Cardiovascular Surgery*.

### C. Walton Lillehei Resident Forum

Enables eight residents to present and compete for a \$5,000 award at the AATS Annual Meeting by funding their registration, travel and expenses.

### Member for a Day Program

Gives North American medical students, general surgery residents and integrated CT residents (first to third years) the opportunity to accompany an AATS Member Mentor during segments of the AATS Annual Meeting. Awardees receive \$750 in stipends to offset travel and meal costs.

### Research Scholarship

Supports North American surgeons with a two-year \$160,000 grant to pursue research, training and clinical experience. Scholarships are named after past presidents of the Association. To date, 34 awardees have received over \$4 million in grants.

### Resident Poster Competition

Enables senior CT surgery residents and/or congenital heart surgery fellows from around the world to present a poster of their clinical or laboratory research at the AATS Annual Meeting. Recipients each receive a \$500 grant to offset travel/accommodations and complimentary registration to the conference. Three recipients will be selected to represent each subspecialty for a total of nine recipients.

### Summer Intern Scholarship

Provides first- and second-year medical students with an eight-week summer internship in an AATS member's CT surgery department. Includes a \$2,500 grant for living expenses. To date, 250 North American students from 75 medical schools have received almost one million dollars in scholarships.

February 1917

**New York Society for Thoracic Surgery** formed to encourage an exchange of views and experiences. Its ultimate purpose — to create a national medical society — The American Association for Thoracic Surgery (AATS).

June 1917

AATS created at New York Society for Thoracic Surgery's inaugural luncheon. Its mission — to advance cardiothoracic surgery research and development.

1927-1928



**Evarts Ambrose Graham, MD** served as the tenth AATS President.

1931-1957

**Dr. Graham** was Founding Editor of the *Journal of Thoracic Surgery* (now the *Journal of Thoracic and Cardiovascular Surgery*).

## YEAR AT A GLANCE

Since its inception, AATS Graham Foundation has been making an impact through leadership, learning and innovation.

Our education, research and collaborative programs help ensure a vital future for CT surgery by supporting and mentoring the next generation.

Foundation accomplishments in the time period from May 2014 to April 2015 include:

Introduced the first **Cardiothoracic Surgical Investigator Program** class — Drs. Felix Fernandez (Emory University), Danielle Gottlieb (Columbia University), Mark Onaitis (Duke University), Brendon Stiles (Weill Cornell Medical College) and Bo Yang (University of Michigan).

Initiated the **Intuitive Surgical Robotics Fellowship** with eight recipients and their attending surgeons participating in two days of didactic and hands-on learning at Intuitive.

Named Dr. Yaxing Shen of Shanghai, China as the 2015 63rd **Evarts A. Graham Traveling Fellowship** recipient. Dr. Thomas D'Amico at Duke University will serve as Dr. Shen's primary sponsor.

Announced awardees of the two-year \$160,000 **Third Alton Ochsner Research Scholarship** (2015-2017) — Drs. Prashanth Vallabhajosyula (University of Pennsylvania) and Jonathan Spicer (McGill University).

Received a grant from the **Edwards Lifesciences Foundation** to underwrite the **Every Heartbeat Matters Fellowship** and a fall 2015 **Cardiovascular Valve Symposium** in São Paulo, Brazil.

Selected 17 **Critical Care Scholarship** recipients, who attended the 2014 FACTS-Care CVT Critical Care Conference in Washington, DC.

Chose Drs. Jennifer Ellis, John W. Entwistle and Kathleen N. Fenton for the **Cardiothoracic Ethics Forum Scholarship**.

Funded Dr. Olugbenga T. Okusanya as the 2014 winner of the **C. Walton Lillehei Resident Forum**.

Obtained funding from AtriCure for the **James L. Cox Fellowship in Atrial Fibrillation**.

Offered residents and trainees journal subscriptions to **JTCVS, Seminars** and **OpTechs**.

Granted funding for the third **JCTSE Resident "Top Gun"** and first **"Jeopardy" Competitions** to be held at the 2015 AATS Annual Meeting.

Launched the second **Pursuit of Excellence Annual Campaign**.

Received a grant from Ethicon for the **Fellowship for Advanced Minimally Invasive Surgery (MIS)**.

Received a multi-year grant from **Medtronic** for an **Advanced Valve Disease Educational Fellowship** launching in spring 2015.

Announced 25 presenters for the **Allied Health** and 58 presenters for the **Resident Poster Competitions** at the 2015 AATS Annual Meeting.

Named Dr. Victor Dayan of Hospital de Clinicas, Centro Cardiovascular-Montevideo in Uruguay as recipient of the **Edwards Lifesciences Advanced Treatments of Valve Disease Fellowship**.

Obtained funding from **Olympus America** for the **Fellowship for Advanced Endobronchial Ultrasound (EBUS) Training**.

Expanded the 2015 **Intuitive Surgical Robotics Fellowship** to 20 Fellows and their attending surgeons, who will participate in training on the Da Vinci System at Intuitive's facilities in July and August 2015.

Announced 42 **Summer Intern Scholars** and 30 **Member for a Day** participants.

Received a grant from **Ethicon China** and **Chinese International Medical Foundation** for the **Thoracic Surgery Training Fellowship**.

Selected Drs. James Lubawski (Central DuPage Hospital) and Pablo Sanchez (University of Maryland) as the 2015 **F. Griffith Pearson Fellowship** recipients.

Hosted the **AATS Graham Foundation Awards** reception at the AATS Annual Meeting in Seattle, WA to congratulate the recent awardees.

6

1951

The **Evarts A. Graham Memorial Traveling Fellowship** established in Dr. Graham's honor.

1973

**AATS Graham Foundation** founded to manage the Graham Traveling Fellowship and serve as funding arm for AATS research initiatives.

1985

A **two-year AATS research scholarship program** established. Each year's scholarship honors one of the specialty's major contributor to the science of CT surgery.

1998

**C. Walton Lillehei Forum** initiated to provide residents with the opportunity to present original research at the AATS Annual Meeting.



## SECOND ALTON OCHSNER RESEARCH SCHOLARSHIP 2002-2004

YOLONDA COLSON, MD, PHD  
Brigham & Women's Hospital, Boston, MA

Yolonda Colson received her scholarship while at the Brigham and Women's Hospital to support her project entitled "Identification of Clinically Relevant Approaches to Nonablative Chimerism-Induced Transplantation Tolerance." Its success led to funding for a NIH-R01 grant and publication of several papers in high-impact journals.

*Receiving an AATS Research scholarship helped me build a foundation of scientific credibility and respect from my peers...*



## CT SURGICAL INVESTIGATOR PROGRAM 2014-2015

BO YANG, MD  
University of Michigan Health System

Bo Yang's study is aimed at modeling vascular smooth muscle cell dysfunction by creating NOTCH 1 mutation in human-induced pluripotent stem (iPS) cells. The project seeks to determine the mechanisms involved in thoracic aneurysm formation in bicuspid aortic valve patients and help develop therapeutic strategies for preventing it.

*The research kick-started my career goals. I had significant preliminary data to apply for AHA Scientist Development and NIH K08 awards.*

## NEW IN 2015

In 2015, the AATS Graham Foundation will continue to make an impact on the future of CT surgery. In addition to already-existing fellowships, scholarships and programs, we have added new initiatives that will enhance and grow leadership, learning and innovation in the field.

### Advanced Valve Disease Educational Fellowship Sponsored by Medtronic

Offers surgeons the opportunity to interactively observe valvular heart disease specialists and connect with them about treatment, technical skills, and management of perioperative patients for a minimum of one month to three months.

### Fellowship for Advanced Thoracic Minimally Invasive Surgery (MIS) Sponsored by Ethicon

Offers North American young CT surgeons and their surgical teams the opportunity to enhance their skills in thoracic minimally invasive surgery by spending a one- or two-day period at clinical sites.

### James L. Cox Fellowship in Atrial Fibrillation Surgery Sponsored by AtriCure

Gives newly graduated CT surgeons the opportunity to spend three months improving their atrial fibrillation techniques at a host institution.

### Every Heartbeat Matters Valve Fellowship Sponsored by Edwards Lifesciences Foundation

Funds the improvement of heart valve disease knowledge and skill training for surgeons around the world who treat individuals with limited access to healthcare. Surgeons may apply for up to three months of study.

### Every Heartbeat Matters: 2015 AATS Cardiovascular Valve Symposium in São Paulo, Brazil Sponsored by Edwards Lifesciences Foundation

Provides state-of-the-art valve knowledge to physicians who treat underserved patients in Central and South America. The symposium will be held on November 20 and 21.

### Fellowship for Advanced Endobronchial Ultrasound (EBUS) Training Sponsored by Olympus America

Permits young North American thoracic surgeons to spend between one and six months studying clinical techniques at an EBUS-proficient institution.

### JCTSE Cardiothoracic Surgery Resident "Jeopardy" Competition

Gives CT resident teams of two the opportunity to display their cognitive, research and technical skills at the AATS Annual Meeting. Each winning team member receives a \$500 prize. The Foundation provides funding for the competition.

### Thoracic Surgery Training Fellowship Sponsored by Ethicon China and Chinese International Medical Foundation

Offers young Chinese surgeons the opportunity to spend between one month and one year obtaining advanced thoracic surgery skills at North American institutions.

2007

**Summer Intern Scholarship Program** established, exposing first- and second-year medical students to work in North American CT surgery departments.

2012

**Critical Care Scholarship** added, supporting residents to attend this important meeting.

**Resident Poster Competition** initiated at the AATS Annual Meeting.

**Complimentary one-year subscriptions** to *JTCVS*, *Operative Techniques in Thoracic and Cardiovascular Surgery* and *Seminars in Thoracic and Cardiovascular Surgery* distributed to North American residents and trainees.



## CT SURGICAL INVESTIGATOR PROGRAM 2014-2015

FELIX FERNANDEZ, MD  
Emory University

**Felix Fernandez is performing a pilot study capturing patient reported outcomes (PROs) from lung cancer resection patients and integrating them into Emory's General Thoracic Surgery Database of the Society of Thoracic Surgeons (STS). He is developing a capture mechanism, merging the information, and then using the combined data for comparative effectiveness research (CER).**

*Without the research infrastructure support by this award, this clinical study would not be feasible.*



## CT SURGICAL INVESTIGATOR PROGRAM 2014-2015

DANIELLE GOTTLIEB, MD  
Columbia University

**Danielle Gottlieb wants to become a congenital heart surgeon. Physicians in this specialty often face situations in which implanted tissues do not grow in pediatric patients. Her research investigates gene transcription in growth of normal human fetal heart valves to identify the mechanisms of normal tissue growth.**

*This award has been essential for...my research...The information could potentially have broad application in congenital heart surgery.*

## INVEST IN THE FUTURE

Every day, CT surgeons transform the lives of their patients.

The AATS and the AATS Graham Foundation have nurtured CT specialists over the years. Our programs make a difference by advancing patient care and ensuring excellence in the field.

Our educational and training opportunities have impacted the skills of CT surgeons from around the world and at every professional level. We have been in the forefront of supporting vital research leading to new treatments, cutting-edge technologies and improved transplant management.

As the world population ages, the incidence of cardiovascular disease will continue to grow. In 1950, 205 million people in the world were 60-years-old and older. The number of older individuals increased to almost 810 million in 2012 and is estimated to more than double to two (2) billion in 2050.<sup>1</sup>

At the same time, the demand for CT surgeons could grow by as much as 46 percent, raising concerns that the number of qualified specialists might shrink — impacting quality of care.<sup>2</sup>

That's why our work is essential.

Many of today's leaders in the field benefited from our programs early in their careers. Current and future generations of CT surgeons deserve the same opportunities.

In 2015, we will be supporting over 20 programs that enhance the education and skills of CT surgeons, residents and medical students. Programs that make an impact by driving leadership, learning and innovation.

Be part of this important work and help us ensure high quality care for CT patients. Join the individuals, corporations and organizations that are investing in present and future CT surgeons. Become an AATS Graham Foundation donor.

1. United National Population Fund, Aging in the Twenty-first Century: A Celebration and A Challenge, pg.1, <http://www.unfpa.org/sites/default/files/resource-pdf/UNFPA-Report-Chapter1.pdf>.

2. Grover et al, "Shortage of Cardiovascular Surgeons is Likely by 2020," Circulation, 2009; 120: 488-494, <http://circ.ahajournals.org/content/120/6/488.full> (Sources of Funding: This work was supported by the American Association for Thoracic Surgery and the Society of Thoracic Surgeons.)



WÄEL C. HANNA, MDCM, MBA, FRCSC  
 McMaster University, St. Joseph's Healthcare  
 Hamilton, ON, Canada

Wäel C. Hanna was a F. G. Pearson Fellow at the University of Montreal's CHUM Endoscopic Thoracic and Oesophageal Centre (CETOC), where his mentor was the Centre's Director Moishe Liberman. CETOC is a state-of-the-art institution for advanced esophageal and tracheobronchial procedures, and a referral center for Quebec province and the rest of Canada.

*I was warmly welcomed and became rapidly acquainted with the surgeons, residents, nurses, and technicians of CETOC.*

**F. GRIFFITH PEARSON FELLOWSHIP 2014**

During his training, Hanna was able to perfect a variety of endosonographic skills. In addition, he also learned the logistics and processes of a complex endosonography program. Information gleaned during the fellowship allowed him to develop a proposal for a complex endosonography program at McMaster. The first procedure at its newly-launched Esophageal and Thoracic Endosonography Centre (E•TEC) took place in October 2014.

*...the fellowship was instrumental in creating the opportunity that led to the successful launch of E•TEC.*



Webster's Falls



EMMANUEL P. BESSAY, MD, PHD  
 Fourth Year Surgical Resident  
 Texas A&M, College Station, TX

*As I prepare for my second year of medical school, I find myself in an enviable position and at a superior advantage...after this internship. (2007)*

**SUMMER INTERN SCHOLAR 2007**

Since being a Summer Intern Scholar, Emmanuel Bessay has graduated from Northwestern Feinberg School of Medicine and is in his fourth year of surgical residency.

His story is especially compelling. Bessay had always wanted to be a physician — since the time of his infant brother's death.

But he grew up during the Liberian civil war. Quality medical care was limited. Still, basic medical training and time spent volunteering at local health clinics continued to fuel his dream.

After the war, while working as a warehouse manager in Monrovia, Bessay decided to try to pursue his medical education somewhere else.

His move to the United States was powered by a series of lucky circumstances, leading to a college scholarship. Bessay received his bachelor's degree in chemistry and biology, followed by a PhD from Vanderbilt University.

He plans to put his medical skills to use back in his home country.



Liberian Market



MARK K. FERGUSON, MD  
 University of Chicago, Chicago, IL

Mark Ferguson was the first recipient of an AATS Research Scholarship, which was named after his mentor's mentor — Edward D. Churchill, former Surgery Chair at Massachusetts General Hospital. He applied for the scholarship to underwrite his "somewhat" esoteric research into endothelial-smooth muscle interactions in mediastinal lymphatics.

*The award let me carry on the research without... the constant pressure to identify funding sources.*

**EDWARD D. CHURCHILL RESEARCH SCHOLARSHIP 1986-1988**

His ultimate goal was to manipulate lymph flow and clear excess lung water pharmacologically — the culmination of 10 years of work. It was exciting for him to be able to establish a goal, receive financial and other support, and bring the project to fruition.

*The...scholarship gave me confidence in my ideas and the ability to conduct the research independently in a high quality manner.*

According to Ferguson, few people cared about lymphatics then or now. However, the success of his project demonstrated his ability to commit and execute a long-term effort. The scholarship served as a bridge taking him from young academician to established clinical investigator.



Home of Chicago-style jazz



ARI MENNANDER, MD, PHD  
 Tampere University Hospital, Tampere, Finland

Ari Mennander applied for the Graham Memorial Traveling Fellowship believing that it would provide him with a "once in a lifetime" opportunity to broaden his perspective through travel and education. His host institutions were The Mayo and Cleveland Clinics and Montreal Heart Institute. Mennander was impressed with the "kind and friendly" attitude of the expert surgeons he met during the program.

*Real role models...made me feel warmly welcomed as an equal among others.*

Mentors included Christopher McGregor, Hartzell Schaff and Thoralf Sundt, III at Mayo, and Michael Pellerin at Montreal Heart Institute.

*My destiny is to take responsibility of patients, colleagues and...grow into a trustful teacher for the younger generation.*

The fellowship helped Mennander realize how his personal career, outcomes in life and attitude towards medicine were impacted by the personal connections, colleagues and patients he met while abroad and outside of his comfort zone.

**GRAHAM MEMORIAL TRAVELING FELLOWSHIP 2006-2007**

*I am aware of the vast surgical community working around the world that enhances academics and pragmatism for the benefit of the future.*



Näsinneula Observation Tower

CHRISTIAN KREUTZER, MD

Hospital Nacional Alejandro Posadas

Hospital Universitario Austral

Buenos Aires, Argentina

Christian Kreutzer was chief CT resident at the Ricardo Gutierrez Children's Hospital in Buenos Aires when he applied for a Graham fellowship. Drs. Aldo R. Castaneda and Rene G Favaloro — one of the preeminent CT surgeons of the second half of the 20th century — mentored his application. He had started attending AATS meetings in 1995 and was an active reader of and author for the *JTCVS* but wanted more research exposure.

*The high point of my fellowship was research, research, research.*

He studied at Boston Children's Hospital under the mentorship of Drs. Richard Jonas and Pedro del Nido. During his time in Boston, he published research on Rastelli repair for transposition of the great arteries, congenital aortic stenosis, surgery for right ventricular dysfunction and hypoplasia, pericardial valved conduits, and the tetralogy of Fallot.

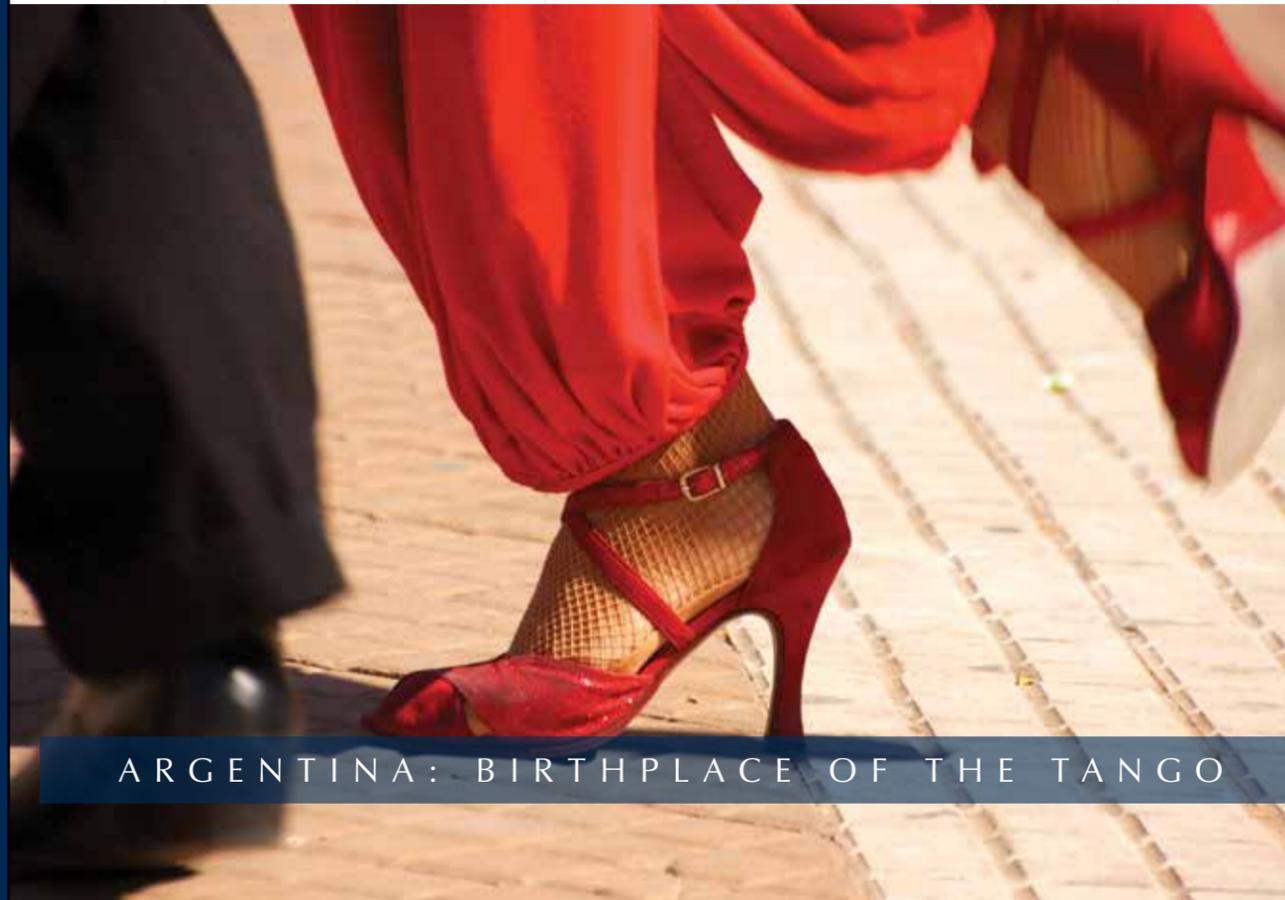
*The fellowship was clearly a milestone in my career.*

Today, Kreutzer is Chief of Pediatric Cardiovascular Surgery at Hospital Nacional Alejandro Posadas and Hospital Universitario Austral in Buenos Aires.

*I really do not think that I would have succeeded the way I did if not for the fellowship.*



## GRAHAM MEMORIAL TRAVELING FELLOWSHIP 1998-1999



ARGENTINA: BIRTHPLACE OF THE TANGO

HAIFENG WANG, MD

Shanghai Pulmonary Hospital

Shanghai, China

Haifeng Wang, a thoracic attending surgeon at Shanghai Pulmonary Hospital, wanted the opportunity to visit the top hospitals in North America to learn from their best teachers.

*My experience in the U.S. was unique. I couldn't have seen so many cases of tracheal surgery and lung transplantation without the fellowship.*

He completed 10 months at Massachusetts General Hospital focusing on tracheal surgery under mentor Douglas Mathisen. Wang also spent a month each at Barnes-Jewish Hospital (St. Louis) studying lung transplantation with G. Alexander Patterson and at Cedars-Sinai Medical Center (LA) learning thoracoscopic surgery under Robert McKenna, Jr. In addition, he participated in a clinical research program and presented his findings in the United States.

*AATS has a high reputation...the fellowship is proof of my academic competency and will help a lot in my career.*

Since his return to Shanghai, Wang has been promoted to Vice Chief/Department of Thoracic Surgery at Shanghai Pulmonary Hospital.



## GRAHAM MEMORIAL TRAVELING FELLOWSHIP 2013-2014



CHINA: SHANGHAI ROOFTOPS

## ESTATE PLANNING CASE STUDY

Roger E. Ecker, MD and Judith Ecker

**Roger Ecker's time as a NIH research fellow was an important influence on his career. An AATS member since 1971, he has benefited from the knowledge obtained through AATS and other organizations**

*As my career developed, I was privileged to learn from the pioneers and legends in our specialty.*

**Because he knows how valuable research and education are to a CT surgeon's success, Dr. Ecker and his wife Judith are giving back by creating a planned estate disbursement to the Foundation.**

*Now is the time to make a small repayment, in order for the future to be as productive as the past...*

**Their gift will make a difference in the careers of the next generation of CT surgeons.**



## INDIVIDUAL GIVING

The AATS Graham Foundation offers a variety of options for donors who want to ensure the future of CT surgery.

One hundred percent (100%) of your investment goes to AATS Graham Foundation programs, thanks to the American Association for Thoracic Surgery, which underwrites all the Foundation's operational expenses.

### Direct Gifts

You can elect to donate to our *Pursuit of Excellence Annual Campaign*, which allows us to expand and grow the Foundation's many programs and activities.

Special donor opportunities include:

- **Tribute/Memorial Gifts** — Honor or remember a loved one or friend. We will acknowledge your gift to the honoree or his/her family.
- **Honoring our Mentors Fellowship Program** — Create and fund a fellowship in honor of a mentor of your choice.

You can also transfer stock or donate your honoraria directly to the Foundation:

- **Stock** — Give a gift of appreciated securities, which can reduce your capital gains tax exposure.
- **Donated Honoraria** — Transfer an honorarium to the Foundation in your name and the gift will be counted toward your cumulative giving total.

### Planned Gifts

When planning your estate, consider a gift to the Foundation. Please let us know when you have made a decision to include the AATS Graham Foundation in your estate plan.

Options include:

- **Make a Provision/Bequests** — Allocate a percent or a specific dollar value to the Foundation in your will. Donors are able to designate their bequests toward particular areas of the Foundation and can create a permanent endowment fund if the underlying assets are sufficient.
- **Charitable Remainder Trust** — Name the Foundation as beneficiary of this individually managed trust, providing income for life. It can be funded with cash, appreciated securities or real estate. This option not only provides U.S. tax benefits, but also reduces probate and estate costs.
- **Life Insurance** — Make the Foundation the beneficiary of an existing or new policy. Insurance can also replace assets earmarked for a charitable gift.
- **Individual Retirement Account (IRA)** — Gift your IRA, subject to United States IRS regulations.

To learn more about giving options, contact Luiza Pellerin, Development Officer. [lpellerin@aats.org](mailto:lpellerin@aats.org) or 1-978-927-8330

2014

**Edwards Lifesciences Advanced Treatments of Valve Disease Fellowships** introduced, giving surgeons an opportunity to learn valve and transcatheter techniques repair and/or valve replacement.

**AATS Member for a Day Program** started, enabling medical students and residents to accompany an AATS Member Mentor and Thoracic Surgery Residents Association member during portions of the Annual Meeting.

**Pursuit of Excellence Annual Campaign** launched, raising almost \$300,000 from individual donors.

**Cardiothoracic Ethics Forum Scholarship** established to foster future leaders in CT ethics by allowing surgeons to receive biomedical ethics education and training at leading North American bioethics centers.

MONICA ROBOTIN, MD

University of Sydney Medical School

Cancer Council New South Wales

Sydney, Australia



## GRAHAM MEMORIAL TRAVELING FELLOWSHIP 1996-1997

Originally from Australia, Robotin applied for the Graham Fellowship while a fellow in France. Her fellowship at Washington University (St. Louis) allowed her to broaden her interests and be exposed to premier pediatric cardiac surgery in the U.S.

*My time...was very special, as I was working in Dr. Evarts Graham's institution...*

Robotin enhanced her understanding of the mechanisms of re-entry cardiac arrhythmias following congenital heart surgery, as well as developed and evaluated a growing vascular graft. Her mentors included James Cox and Charles Huddleston.

*They were wonderful...highlighting the importance of mentorship in planting seeds of academic inquiry for the next generation of cardiac surgeons.*

Unfortunately, those seeds "fell on unfertile ground." Robotin was unable to attain a clinical appointment because, at that time, Australian pediatric cardiac surgery was reserved for men. She decided that she could best contribute by working as a public health practitioner. She received degrees in Public Health, International Health and Business Administration, and got a PhD.

*I can still contribute towards a better, healthier world.  
I suspect Dr. Graham would approve...*



AUSTRALIA: SYDNEY OPERA HOUSE

## CORPORATE/ORGANIZATIONAL GIVING

The AATS Graham Foundation partners with corporations to fund select educational programs. It also accepts organizational gifts.

Help advance patient care and ensure excellence in CT surgery. Become one of our distinguished corporate/organizational supporters. Our development staff will work closely with yours to create a mutually beneficial relationship.

### Current projects supported by corporate sponsors include:



James L. Cox Fellowship in Atrial Fibrillation Surgery



Edwards

Edwards Lifesciences Advanced Treatments of Valve Disease Fellowship



Edwards

**EDWARDS  
LIFESCIENCES  
FOUNDATION**

Every Heartbeat Matters Valve Fellowship  
Cardiovascular Valve Symposium Brazil 2015

**ETHICON**

PART OF THE Johnson-Johnson FAMILY OF COMPANIES

Shaping the future of surgery

Fellowship for Advanced Minimally Invasive Surgery (MIS)

爱 惜 康  
**ETHICON**

PART OF THE Johnson-Johnson FAMILY OF COMPANIES

Thoracic Surgery Training Fellowship

INTUITIVE  
SURGICAL®

Taking surgical precision beyond the limits of the human hand®

Intuitive Surgical Robotics Fellowship



Advanced Valve Disease Educational Fellowship

**OLYMPUS®**

Fellowship for Advanced Endobronchial Ultrasound (EBUS) Training

### Our organizational supporters are:



AMERICAN ASSOCIATION  
FOR THORACIC SURGERY  
We Model Excellence



The Children's Hospital of Philadelphia®  
Hope lives here.®

To explore a partnership, contact Luiza Pellerin, Development Officer. [lpellerin@aats.org](mailto:lpellerin@aats.org) or 1-978-927-8330

## THE NUMBERS IN 2014\*

### STATEMENT OF FINANCIAL POSITION

December 31, 2014	2014 (Unaudited)	2013 (Audited)
<b>ASSETS</b>		
Cash	\$861,270	\$576,864
Investments	\$2,565,152	\$2,368,844
Accounts Receivable	\$1,350	\$300
Pledge Receivable	\$604,095	\$503,095
Prepaid Asset	\$616	\$616
<b>Total Assets</b>	<b>\$4,032,483</b>	<b>\$3,449,719</b>
<b>LIABILITIES</b>		
Accounts Payable	\$ -	\$12,628
Grants Payable	\$621,213	\$571,213
<b>Total Liabilities</b>	<b>\$621,213</b>	<b>\$583,841</b>
<b>NET ASSETS</b>		
Unrestricted	\$2,917,651	\$2,834,378
Temporarily Restricted	\$493,619	\$31,500
<b>Total Net Assets</b>	<b>\$3,411,270</b>	<b>\$2,865,878</b>
<b>Total Net Assets &amp; Liabilities</b>	<b>\$4,032,483</b>	<b>\$3,449,719</b>

Last year was a busy and productive one filled with expanded programs aimed at fulfilling our mission of leadership, learning and innovation.

As of end of our fiscal year (December 31, 2014), our revenue from grants, contributions and return on investments grew by 41 percent. This enabled us to increase our funding of programs by slightly over 30 percent.

**Contribution receipts** totaled almost \$1.6 million (\$1,545,008), reflecting an increase of 42 percent from 2013, including:

#### Individual Contributions & Industry Partner Support

Individual contributions totaled \$218,305, which included the growing number of members donating their honoraria. Support from our industry partners increased dramatically to \$684,479, a 394% increase!

**AATS funding** of the Graham Fellowship and Critical Care, Research and Summer Intern Scholarships remained fairly stable — \$482,718.

**Total expenditures** amounted to almost \$1.2 million (see charts below), breaking down as follows:

**Grants and contributions:** \$950,229 (74.3 percent of expenses) — an increase of almost 55 percent from 2013.

**General and administrative expenses:** \$181,565 (15.2 percent of expenses). Most of these costs were offset by an AATS grant of \$159,505 to cover program administrative costs.

**Development costs:** \$33,204

**Committee costs:** \$17,864

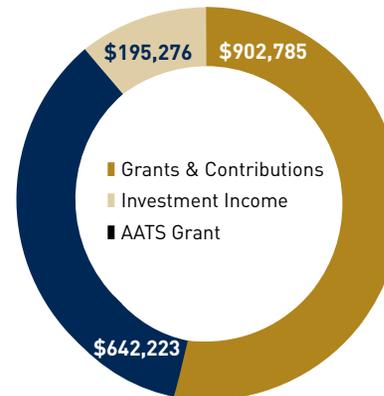
**Meeting costs:** \$12,031

We ended the fiscal year with Unrestricted Net Assets of \$2.9 million and currently have \$493,619 in Restricted Funds on-hand to support FY 2015 programs. The combination of these funds and increased contributions will enable us to initiate and support new and exciting educational and research programs in 2015 and beyond.

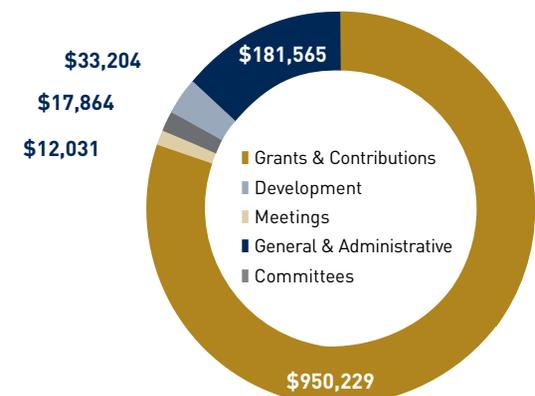
Our financial position is solid for the upcoming year.

**Thomas L. Spray, MD**

Secretary/Treasurer



2014 REVENUE \$1,740,284



2014 EXPENSES \$1,194,893



\*The 2014 numbers are unaudited.

EDUARDO OTERO-COTO, MD, PHD

Hospital Clinic of Valencia

Valencia, Spain



## GRAHAM MEMORIAL TRAVELING FELLOWSHIP 1978-1979

Eduardo Otero-Coto applied for a Graham Memorial Traveling Fellowship hoping to visit North American institutions known for high quality cardiothoracic surgery and meet the “giants” in the field. His goals were realized.

He spent most of his fellowship at Children’s Hospital in Boston under the tutelage of Aldo Castañeda. Otero-Coto was also able to meet many leaders in the fields — Denton Cooley, Paul Ebert, Dwight McGoon and Norman Shumway.

*.... Knowing and working with Dr. Castañeda was the true highlight of my fellowship. I feel very honored to consider him a mentor and role model.*

When he returned to Spain, Otero-Coto enhanced his practice with the knowledge and work ethic he gleaned in the United States. He passed this approach on to the next generation — the many trainees he has supervised. Today, four of those physicians have reached the next level: surgeon-in-chief at other hospitals.

*...The experience was unique.*

*Not only my career, but also my life and the way I approach every aspect...was deeply influenced by it.*



SPAIN: VALENCIA WATERFRONT

## GRAHAM MEMORIAL TRAVELING FELLOWSHIP 1987-1988



BYUNG-CHUL CHANG, MD

Severance Cardiovascular Hospital, Yonsei University

Seoul, South Korea

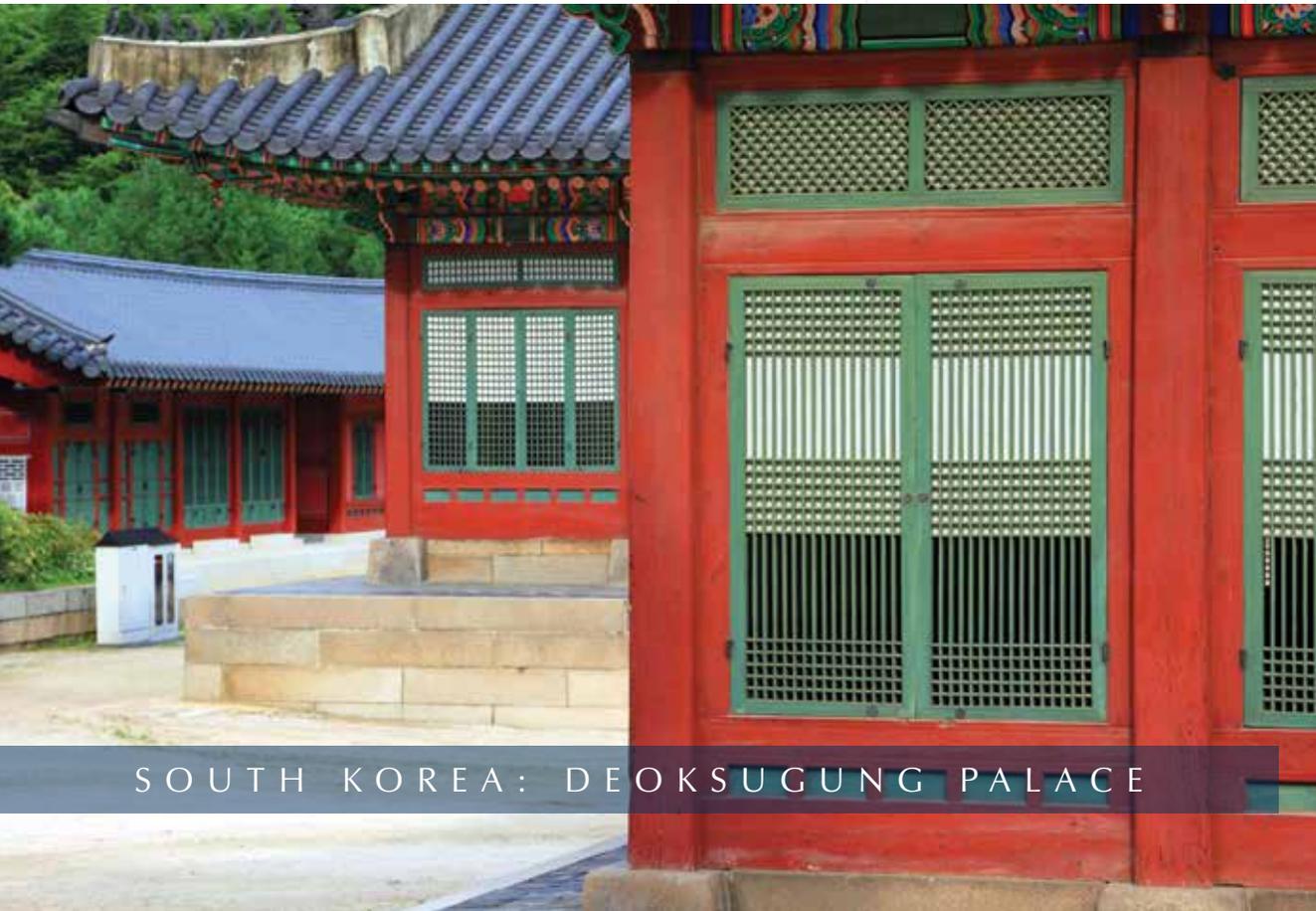
In the 1980s, cardiac surgery in Korea was limited. Byung-Chul Chang was especially interested in cardiac arrhythmia and seeking clinical surgical training in the field, as well as in heart transplantation. He also wanted exposure to animal research in mechanism and development, especially in atrial flutter and fibrillation.

During his fellowship, he practiced cardiac arrhythmia and heart transplantation surgery at Barnes Hospital, Washington School of Medicine (St. Louis) and Stanford University. Thanks to James Cox — creator of the Cox-Maze procedure — he was involved in animal research developing surgical management of atrial fibrillation.

*...Since 1990 — after the fellowship —  
Korea has had a cardiac arrhythmia surgery program  
(including the Cox-Maze procedure).*

Today, Byung-Chul specializes in cardiac arrhythmia and LV volume reduction surgery, heart transplantation, valvular heart disease, surgical management of heart failure, and mechanical circulatory support. He also has supported a heart surgery program in Mongolia and served as a WHO consultant.

*Today, Severance Cardiovascular Hospital is one of the  
leading heart and lung transplantation institutes in Asia.*



SOUTH KOREA: DEOKSUGUNG PALACE

## 2014 DONORS

### \$10,000+

Eric L.R. Bedard, MD  
Marc De Perrot, MD  
David J. Sugarbaker, MD

### \$5,000 - \$9,999

Nasser K. Altorki, MD  
Joel D. Cooper, MD  
Joseph S. Coselli, MD  
Timothy J. Gardner, MD  
J. William Gaynor, MD  
Steven J. Mentzer, MD  
Hartzell V. Schaff, MD

### \$2,000 - \$4,999

Lishan Aklog, MD  
Paulo Cardoso, MD  
Timothy A. M. Chuter, MD  
Richard J. Finley, MD  
David R. Jones, MD  
Larry R. Kaiser, MD  
Mark J. Krasna, MD  
Steven L. Lansman, MD  
James D. Luketich, MD  
Marc R. Moon, MD  
Thomas W. Rice, MD  
Thoralf M. Sundt, III, MD  
Wilson Y. Szeto, MD  
Y. Joseph Woo, MD

### \$1,000-\$1,999

Emile A. Bacha, MD  
Vinay Badhwar, MD  
Raphael Bueno, MD  
Joanna Chikwe, MD  
Fred A. Crawford, Jr., MD  
Thomas A. D'Amico, MD  
Tirone E. David, MD  
Carolyn M. Dresler, MD  
Bernard J. Leininger, MD  
Scott A. LeMaire, MD  
William T. Maloney  
Yoshifumi Naka MD  
Alec Patterson, MD  
Eric E. Roselli, MD  
Ashish S. Shah, MD

### \$500- \$999

John H. Calhoun, MD  
Aldo R. Castaneda, MD  
Jack G. Copeland, MD  
Todd Demmy, MD  
Leonard N. Girardi, MD  
Patrick M. McCarthy, MD  
Tomislav Mihaljevic, MD  
Yutaka Okita, MD  
Sergio A. Oliveira, MD  
J. Scott Rankin, MD  
Juan J. Rutilanchas Sanchez, MD  
Hideto Shimpo, MD

David Spielvogel, MD  
Jeng Wei, MD

### \$1- \$499

Kevin D. Accola, MD  
Michael A. Acker, MD  
David H. Adams, MD  
Prasad S. Adusumilli, MD  
Shahab Akhter, MD  
Ottavio R. Alfieri, MD  
Cem H. Alhan, MD  
Keith B. Allen, MD  
Atsushi Amano, MD  
C. E. Anagnostopoulos, MD  
Anelechi C. Anyanwu, MD  
Sary F. Aranki, MD  
John M. Armitage, MD  
Rakesh C. Arora, MD  
Carl L. Backer, MD  
Faisal G. Bakaeen, MD  
Ko Bando, MD  
Clifford W. Barlow, MD  
Hendrick B. Barner, MD  
Richard J. Battafarano, MD  
Jay K. Bhamra, MD  
Ankit Bharat, MD  
Shanda H. Blackmon, MD  
Leo A. Bockeria, MD  
R. Morton Bolman, III, MD  
Michael A. Borger, MD  
A. Michael Borkon, MD  
Domingo M. Braile, MD  
John W. Brown, MD  
Peter E. Bruecke, MD  
Christopher A. Caldarone, MD  
Charles D. Campbell, MD  
Marcelo G. Cardarelli, MD  
Michel Carrier, MD  
Robert J. Cerfolio, MD  
Gerard L. Champsaur, MD  
Andrew C. Chang, MD  
Byung-Chul Chang, MD  
Frederick Y. Chen, MD  
Ke-Neng Chen, MD  
Bum-Koo Cho, MD  
Neil Christie, MD  
Sertac Cicek, MD  
David R. Clarke, MD  
Joseph C. Cleveland, Jr., MD  
John E. Codd, MD  
John G. Cotes, MD  
Yolonda L. Colson, MD  
Gregory S. Couper, MD  
Alfred T. Culliford, III, MD  
Willard M. Daggett, MD  
Gail E. Darling, MD  
Jonathan D' Cunha, MD  
Pedro J. del Nido, MD  
Giacomo A. DeLaria, MD

Walter P. Dembitsky, MD  
Ufuk Demirkilic, MD  
Joseph J. DeRose, Jr., MD  
Eric J. Devaney, MD  
Roberto Di Bartolomeo, MD  
Robert A. Dion, MD  
Jessica S. Donington, MD  
Emery C. Douville, MD  
Gilles D. Dreyfus, MD  
Cornelius M. Dyke, MD  
Sergey L. Dzemeshevich, MD  
Gebrine EL Khoury, MD  
Anthony Estrera, MD  
Elie Fadel, MD  
Giuseppe G. Faggian, MD  
Volkmar Falk, MD  
James I. Fann, MD  
Christopher M. Feindel, MD  
Hiran C. Fernando, MD  
Victor A. Ferraris, MD  
Pasquale Ferraro, MD  
Andrew C. Fiore, MD  
Gregory P. Fontana, MD  
Seth D. Force, MD  
Eric D. Foster, MD  
Katrien Francois, MD  
Charles D. Fraser, MD  
Robert W. M. Frater, MD  
Darren H. Freed, MD  
Richard K. Freeman, MD  
Alessandro Frigiola, MD  
David A. Fullerton, MD  
Otto Gago, MD  
Henning A. Gaisert, MD  
Lorenzo Galletti, MD  
Aubrey C. Galloway, MD  
Sidharta P. Gangadharan, MD  
H. Edward Garrett, Jr., MD  
Scott M. Goldman, MD  
Laman A. Gray, Jr., MD  
Tomasz Grodzki, MD  
Eugene A. Grossi, MD  
Robert A. Gustafson, MD  
W. Clark Hargrove, III, MD  
Ari L. J. Harjula, MD  
Renee S. Hartz, MD  
Axel Haverich, MD  
Jeffrey S. Heinle, MD  
Gregory M. Hirsch, MD  
William L. Holman, MD  
Alan R. Hopeman, MD  
Keith A. Horvath, MD  
ShengShou Hu, MD  
Charles B. Huddleston, MD  
John S. Ikonomidis, MD  
Michel N. Ilbawi, MD  
Selim C. Isbir, MD  
James Jagers, MD

Robert D. Jaquiss, MD  
Victor Jebara, MD  
Olivier L. Jegaden, MD  
Ranjit John, MD  
Robert G. Johnson, MD  
Kent W. Jones, MD  
Robert H. Jones, MD  
Robert J. Keenan, MD  
Kenneth A. Kesler, MD  
Ali Khoynzhad, MD  
Bob B. Kiaii, MD  
Young Tae Kim, MD  
Marvin M. Kirsh, MD  
Junjiro Kobayashi, MD  
Brian E. Kogon, MD  
Masashi Komeda, MD  
Igor E. Konstantinov, MD  
Joseph S. Ladowski, MD  
John J. Lamberti, MD  
Michael Lanuti, MD  
Harold L. Lazar, MD  
Bruce J. Leavitt, MD  
Jae Won Lee, MD  
Jean-Francois Legare, MD  
Sidney Levitsky, MD  
Scott D. Lick, MD  
John R. Liddicoat, MD  
Michael J. Liptay, MD  
Virginia R. Little, MD  
Ugolino Livi, MD  
Bruce W. Lytle, MD  
Paolo Macchiarini, MD  
Yousuf Mahomed, MD  
James R. Malm, MD  
John D. Mannion, MD  
M. Blair Marshall, MD  
Hikaru Matsuda, MD  
Constantine Mavroudis, MD  
Domenico Mazzitelli, MD  
Kenneth R. McCurry, MD  
David C. McGiffin, MD  
Joseph T. McGinn, MD  
Christopher G. A. McGregor, MD  
Emmett D. McKenzie, MD  
Martin F. McKneally, MD  
Reza J. Mehran, MD  
Lorenzo A. Menicanti, MD  
Ari A. Mennander, MD  
Walter H. Merrill, MD  
Thierry G. Mesana, MD  
Carlos A. Mestres, MD  
Michael R. Mill, MD  
D. Craig Miller, MD  
Jeffrey C. Milliken, MD  
Frank Minatoya, MD  
Shinichiro Miyoshi, MD  
Richard A. Moggio, MD  
Friedrich W. Mohr, MD

Hitoshi Mohri, MD  
Laureano Molins, MD  
John M. Moran, MD  
Victor Morell, MD  
Noboru Motomura, MD  
David S. Mulder, MD  
Hassan Najafi, MD  
Hani K. Najm, MD  
Keith S. Naunheim, MD  
A. John Neerken, MD  
John L. Ochsner, MD  
Hitoshi Ogino, MD  
Okike N. Okike, MD  
Aung Oo, MD  
Eduardo Otero-Coto, MD  
David A. Ott, MD  
Alessandro Parolari, MD  
Harvey I. Pass, MD  
Subroto Paul, MD  
Jeffrey M. Pearl, MD  
David V. Pecora, MD  
John R. Pepper, MD  
Orlando Petrucci, MD  
Gosta B. Pettersson, MD  
Steven J. Phillips, MD  
Richard N. Pierson, MD  
Armand H. Piwnica, MD  
Christian Pizarro, MD  
Jose L. Pomar, MD  
Alain J. Poncelet, MD  
Rene Pretre, MD  
Ourania Preventza, MD  
Ehud Raanani, MD  
Vivek Rao, MD  
Ivan M. Rebeyka, MD  
Gaetano Rocco, MD  
Mark D. Rodefeld, MD  
Xavier F. Roques, MD  
Daniel M. Rose, MD  
Eric A. Rose, MD  
Todd K. Rosengart, MD  
Jacob Rosensweig, MD  
David B. Ross, MD  
John A. Rousou, MD  
Joseph F. Sabik, III, MD  
Lokeswara R. Sajja, MD  
Edward Y. Sako, MD  
John H. Sanders, Jr., MD  
Shunji Sano, MD  
Hans-Joachim Schaeffers, MD  
Joseph D. Schmoker, MD  
Peter M. Scholz, MD  
David S. Schrupp, MD  
Matthew J. Schuchert, MD  
Frank W. Sellke, MD  
David M. Shahian, MD  
Toshiharu Shinoka, MD  
Malakh L. Shrestha, MD

Dominique Shum-Tim, MD  
Matthias Siepe, MD  
Hans-Hinrich Sievers, MD  
Mark S. Slaughter, MD  
Nicholas G. Smedira, MD  
Craig R. Smith, MD  
Norman J. Snow, MD  
Alan M. Speir, MD  
Henry M. Spotnitz, MD  
Albert Starr, MD  
Brendon M. Stiles, MD  
Quentin R. Stiles, MD  
Valavanur A. Subramanian, MD  
Henry J. Sullivan, MD  
Li-Zhong Sun, MD  
Scott J. Swanson, MD  
Stephen G. Swisher, MD  
Minoru Tabata, MD  
Shinichi Takamoto, MD  
Shuichiro Takanashi, MD  
James Tatoulis, MD  
Christo I. Tcherenkov, MD  
Arthur N. Thomas, MD  
Vinod H. Thourani, MD  
Edward P. Todd, MD  
Alper Toker, MD  
Luis A. Tomatis, MD  
Gregory D. Trachiotis, MD  
Robert L. Treasure, MD  
Victor T. Tsang, MD  
Joseph Turek, MD  
Mark W. Turrentine, MD  
Ching Tzao, MD  
Glen Van Arsdell, MD  
Dirk E. Van Raemdonck, MD  
Paul E. Van Schil, MD  
Peter Van Trigt, III, MD  
Hugo K. I. Vanermen, MD  
Cindy L. VerColen  
Luca A. Vricella, MD  
Thomas K. Waddell, MD  
Garrett L. Walsh, MD  
Song Wan, MD  
Kenneth G. Warner, MD  
Donald C. Watson, MD  
Thomas J. Watson, MD  
Tracey L. Weigel, MD  
Ronald M. Weintraub, MD  
Richard I. Whyte, MD  
Thomas E. Williams, Jr., MD  
James Miller Wilson, MD  
Toshikatsu Yagihara, MD  
Kazuhiro Yasufuku, MD  
Terrence M. Yau, MD  
Ryohei Yozu, MD  
Lawrence I. Zaroff, MD  
Marco A. Zenati, MD  
Marcin Zielinski, MD

# LIFETIME GIVING SOCIETIES

## PRESIDENTS SOCIETY

**\$500,000 and above**

**American Association for Thoracic Surgery**

## SUPPORTERS SOCIETY

**\$50,000 - \$99,999**

**The Children's Hospital of Philadelphia**

**Anonymous**

## BENEFACTORS SOCIETY

**\$10,000 - \$49,999**

**Eric L.R. Bedrad, MD**

**Joseph S. Coselli, MD**

**Timothy J. Gardner, MD**

**J. William Gaynor, MD**

**Eduardo Otero-Coto, MD**

**Mehmet C. Oz, MD**

**Marc De Perrot, MD**

**Hartzell V. Schaff, MD**

**Craig R. Smith, MD**

**Thomas L. Spray, MD**

**David J. Sugarbaker, MD**

**James S. Tweddell, MD**

## FRIENDS SOCIETY

**\$5,000 - \$9,999**

**Nasser K. Altorki, MD**

**Joel D. Cooper, MD**

**Pedro J. del Nido, MD**

**Mark J. Krasna, MD**

**James D. Luketich, MD**

**Steven J. Mentzer, MD**

**Marc R. Moon, MD**

## FRIENDS SOCIETY

**Up to \$4,999**

**Benjamin L. Aaron, MD**

**Tomio Abe, MD**

**Kevin D. Accola, MD**

**Anthony J. Acinapura, MD**

**Michael A. Acker, MD**

**Niv Ad, MD**

**David H. Adams, MD**

**Peter X. Adams, MD**

**Prasad S. Adusumilli, MD**

**Shahab Akhter, MD**

**Cary W. Akins, MD**

**Lishan Aklog, MD**

**Gabriel S. Aldea, MD**

**James A. Alexander, MD**

**Vladimir Alexi-Meskishvili, MD**

**Ottavio R. Alfieri, MD**

**William Alford, Jr., MD**

**Zohair Y. Al-Halees, MD**

**Cem H. Alhan, MD**

**Bradley S. Allen, MD**

**Keith B. Allen, MD**

**Margaret D. Allen, MD**

**Mark S. Allen, MD**

**Hossein Almassi, MD**

**Atsushi Amano, MD**

**Joseph J. Amato, MD**

**C. E. Anagnostopoulos, MD**

**Robert W. Anderson, MD**

**Rafael S. Andrade, MD**

**Gianni D. Angelini, MD**

**Manuel J. Antunes, MD**

**Anelechi C. Anyanwu, MD**

**Sary F. Aranki, MD**

**Eduardo Arciniegas, MD**

**Michael Argenziano, MD**

**Alejandro Aris, MD**

**John M. Armitage, MD**

**Rakesh C. Arora, MD**

**Giorgio M. Aru, MD**

**Raimondo Ascione, MD**

**Keith W. Ashcraft, MD**

**Safuh Attar, MD**

**Erte H. Austin, III, MD**

**Emile A. Bacha, MD**

**Jean E. Bachet, MD**

**Carl L. Backer, MD**

**Vinay Badhwar, MD**

**Leonard L. Bailey, MD**

**Manjit S. Bains, MD**

**Faisal G. Bakaeen, MD**

**Lenox D. Baker, MD**

**John C. Baldwin, MD**

**Michael K. Banbury, MD**

**Ko Bando, MD**

**Clifford W. Bartlow, MD**

**Hendrick B. Barner, MD**

**Robert H. Bartlett, MD**

**Jaroslav Barwinsky, MD**

**Hasan F. Batirel, MD**

**Richard J. Battafarano, MD**

**Eugene M. Baudet, MD**

**William A. Baumgartner, MD**

**Joseph E. Bavaria, MD**

**Ronald M. Becker, MD**

**Alexis G. Bello, MD**

**John R. Benfield, MD**

**Herbert A. Berkoff, MD**

**B. Eugene Berry, MD**

**Lael Anson E. Best, MD**

**Friedhelm Beyersdorf, MD**

**Jay K. Bhamra, MD**

**Ankit Bharat, MD**

**Joginder N. Bhayana, MD**

**Thomas V. Bilfinger, MD**

**Shanda H. Blackmon, MD**

**Eugene H. Blackstone, MD**

**Bradford P. Blakeman, MD**

**Carlos Blanche, MD**

**Robert D. Bloodwell, MD**

**Leo A. Bockeria, MD**

**R. Morton Bolman, III, MD**

**J.W. Randolph Bolton, MD**

**Lawrence I. Bonchek, MD**

**Michael A. Borger, MD**

**A. Michael Borkon, MD**

**Uberto Bortolotti, MD**

**Edward L. Bove, MD**

**Frederick Bowman, Jr., MD**

**Arthur D. Boyd, MD**

**Scott M. Bradley, MD**

**Domingo M. Braile, MD**

**Berkeley Brandt, III, MD**

**Carl E. Bredenber, MD**

**David Bregman, MD**

**Ross M. Bremner, MD**

**Robert H. Breyer, MD**

**Donald L. Bricker, MD**

**Richard F. Brodman, MD**

**James M. Brown, MD**

**John W. Brown, MD**

**Peter E. Bruecke, MD**

**Alessandro Brunelli, MD**

**Aart Brutel De La Riviere, MD**

**Gerald D. Buckberg, MD**

**Raphael Bueno, MD**

**David A. Bull, MD**

**Nelson A. Burton, MD**

**Brian F. Buxton, MD**

**John G. Byrne, MD**

**Antonio M. Calafiore, MD**

**Christopher A. Caldaroni, MD**

**John H. Calhoun, MD**

**George M. Callard, MD**

**Duke E. Cameron, MD**

**Charles D. Campbell, MD**

**David B. Campbell, MD**

**Marcelo G. Cardarelli, MD**

**Paulo Cardoso, MD**

**Joseph S. Carey, MD**

**Andrea J. Carpenter, MD**

**Thierry-Pierre Carrel, MD**

**Michel Carrier, MD**

**Filip P. Casselman, MD**

**Alan G. Casson, MD**

**Aldo R. Castaneda, MD**

**Robert J. Cerfolio, MD**

**Juan C. Chachques, MD**

**Gerard L. Champsaur, MD**

**Andrew C. Chang, MD**

**Byung-Chul Chang, MD**

**Alain R. Chapelier, MD**

**Claude C. C. Chartrand, MD**

**Aurelio Chau, MD**

**Frederick Y. Chen, MD**

**Haiquan S. Chen, MD**

**Jonathan M. Chen, MD**

**Ke-Neng Chen, MD**

**K. Mammen K. Cherian, MD**

**Joanna Chikwe, MD**

**Nathaniel P. Ching, MD**

**Bum-Koo Cho, MD**

**Paramjeet S. Chopra, MD**

**George T. Christakis, MD**

**Neil Christie, MD**

**Timothy A. M. Chuter, MD**

**Sertac Cicek, MD**

**George E. Cimochoowski, MD**

**David R. Clarke, MD**

**Joseph C. Cleveland, Jr., MD**

**Adnan Cobanoglu, MD**

**Richard P. Cochran, MD**

**John E. Codd, MD**

**David J. Cohen, MD**

**Gordon A. Cohen, MD**

**Robbin G. Cohen, MD**

**Lawrence H. Cohn, MD**

**William E. Cohn, MD**

**John G. Coles, MD**

**Yolonda L. Colson, MD**

**A. Alan Conlan, MD**

**John P. Connors, MD**

**John V. Conte, MD**

**Vincent R. Conti, MD**

**William A. Cook, MD**

**Denton A. Cooley, MD**

**Jack G. Copeland, MD**

**William P. Cornell, MD**

**Antonio F. Corno, MD**

**Delos M. Cosgrove, MD**

**Robert Cossette, MD**

**Maurizio Cotrufo, MD**

**Gregory S. Couper, MD**

**James L. Cox, MD**

**Fred A. Crawford, Jr., MD**

**Ivan K. Crosby, MD**

**Alfred T. Culliford, III, MD**

**Jose Pedro Da Silva, MD**

**Sabine H. Daebritz, MD**

**Willem J. Daenen, MD**

**Willard M. Daggett, MD**

**Benedict D. T. Daly, MD**

**Richard C. Daly, MD**

**Ralph J. Damiano, Jr., MD**

**Thomas A. D'Amico, MD**

**Thomas M. Daniel, MD**

**Gordon K. Danielson, MD**

**John H. Dark, MD**

**Gail E. Darling, MD**

**Charles H. Dart, Jr., MD**

**Philippe G. Dartevelle, MD**

**Hiroshi Date, MD**

**Tirone E. David, MD**

**J. Terrance Davis, Jr., MD**

**Robert D. Davis, MD**

**Jonathan D'Cunha, MD**

**Marc R. de Leval, MD**

**Paul De Leyn, MD**

**Radu C. Deac, MD**

**Abe DeAnda, Jr., MD**

**Malcolm M. DeCamp, Jr., MD**

**William M. DeCampli, MD**

**Giacomo A. DeLaria, MD**

**Serafin Y. DeLeon, MD**

**Ralph E. Delius, MD**

**Anthony J. DelRossi, MD**

**Walter P. Dembitsky, MD**

**Tom R. DeMeester, MD**

**Ufuk Demirkilic, MD**

**Todd L. Demmy, MD**

**David J. Cohen, MD**

**Nicholas J. Demos, MD**

**Joseph J. DeRose, Jr., MD**

**Claude Deschamps, MD**

**Jean Deslauriers, MD**

**Frank C. Detterbeck, MD**

**Eric J. Devaney, MD**

**Roberto Di Bartolomeo, MD**

**James T. Diehl, MD**

**Charles A. Dietl, MD**

**Robert A. Dion, MD**

**Verdi J. DiSesa, MD**

**James Donahoo, MD**

**Jessica S. Donington, MD**

**Vincent Dor**

Darren H. Freed, MD  
Richard K. Freeman, MD  
Stephen E. Fremes, MD  
Joseph S. Friedberg, MD  
Alessandro Frigiola, MD  
Willard A. Fry, MD  
Shigefumi Fujimura, MD  
David A. Fullerton, MD  
Anthony P. Furnary, MD  
Otto Gago, MD  
Henning A. Gaissert, MD  
Mark E. Galantowicz, MD  
Lorenzo Galletti, MD  
Aubrey C. Galloway, MD  
Sanjiv K. Gandhi, MD  
Sidharta P. Gangadharan, MD  
Paul G. Gannon, MD  
Joseph J. Garamella, MD  
H. Edward Garrett, Jr., MD  
Antonio A. Garzon, MD  
William A. Gay, Jr., MD  
Alan B. Gazzaniga, MD  
Elliot T. Gelfand, MD  
Gino Gerosa, MD  
Isaac Gielchinsky, MD  
Marc Gillinov, MD  
Leonard N. Girardi, MD  
Thomas G. Gleason, MD  
Donald D. Glowor, MD  
Jeffrey P. Gold, MD  
Melvyn Goldberg, MD  
Marshall D. Goldin, MD  
Bernard S. Goldman, MD  
Scott M. Goldman, MD  
Daniel Goldstein, MD  
Peter Goldstraw, MD  
Lorenzo Gonzalez-Lavin, MD  
Robert C. Gorman, MD  
John Parker Gott, MD  
Geoffrey M. Graeber, MD  
Juan B. Grau, MD  
Laman A. Gray, Jr., MD  
Peter S. Greene, MD  
Lazar J. Greenfield, Sr., MD  
Igor D. Gregoric, MD  
Randall B. Griep, MD  
Bartley P. Griffith, MD  
Tomasz Grodzki, MD  
Eugene A. Grossi, MD  
Frederick L. Grover, MD  
Dominique H. Grunenwald, MD  
Albert J. Guerraty, MD  
Steven R. Gundry, MD  
Robert A. Gustafson, MD  
Rune Haaverstad, MD  
Grady L. Hallman, MD  
John W. Hammon, Jr., MD

Frank L. Hanley, MD  
W. Clark Hargrove, III, MD  
Ari L. J. Harjula, MD  
Alden H. Harken, MD  
Bradley J. Harlan, MD  
David H. Harpole, Jr., MD  
Lynn H. Harrison, Jr., MD  
Renee S. Hartz, MD  
Joachim T. W. Hasse, MD  
Axel Haverich, MD  
Stephen R. Hazelrigg, MD  
Guo-Wei He, MD  
Jeffrey S. Heinle, MD  
Richard F. Heitmiller, MD  
Paul J. Hendry, MD  
Rodney H. Herr, MD  
Roland Hetzer, MD  
George L. Hicks, Jr., MD  
Robert S. Higgins, MD  
J. Donald Hill, MD  
George L. Hines, MD  
Loren F. Hiratzka, MD  
Gregory M. Hirsch, MD  
Mark S. Hochberg, MD  
Wayne L. Hofstetter, MD  
Thomas M. Holder, MD  
William L. Holman, MD  
E. Carmack Holmes, MD  
Alan R. Hopeman, MD  
Richard A. Hopkins, MD  
Keith A. Horvath, MD  
John A. Howington, MD  
ShengShou Hu, MD  
Charles B. Huddleston, MD  
G. Chad Hughes, MD  
Peter Hutchin, MD  
John S. Ikonomidis, MD  
Michel N. Ilbawi, MD  
Yasuharu Imai, MD  
Selim C. Isbir, MD  
O. Wayne Isom, MD  
Tadashi Isomura, MD  
Leigh I. Iverson, MD  
Tom D. Ivey, MD  
Jeffrey P. Jacobs, MD  
Marshall L. Jacobs, MD  
James Jagers, MD  
Marjan Jahangiri, MD  
Michael T. Jaklitsch, MD  
Heinz G. Jakob, MD  
Stuart W. Jamieson, MD  
W. R. Eric Jamieson, MD  
Erik W. L. Jansen, MD  
Robert D. Jaquiss, MD  
Victor Jebra, MD  
Valluvan Jeevanandam, MD  
Olivier L. Jegaden, MD

Ranjit John, MD  
Robert G. Johnson, MD  
Michael R. Johnston, MD  
Richard A. Jonas, MD  
David R. Jones, MD  
James W. Jones, MD  
Kent W. Jones, MD  
Robert H. Jones, MD  
Lyle D. Joyce, MD  
Donald R. Kahn, MD  
Larry R. Kaiser, MD  
Gerard S. Kakos, MD  
Afksendiyos Kalangos, MD  
Tom R. Karl, MD  
Shreekanth V. Karwande, MD  
Nevin M. Katz, MD  
Sunjay Kaushal, MD  
Yasunaru Kawashima, MD  
Michael P. Kaye, MD  
Teruhisa Kazui, MD  
Blair A. Keagy, MD  
Loren F. Keenan, MD  
Bruce E. Keogh, MD  
Wilbert J. Keon, MD  
Shaf Keshavjee, MD  
Kenneth A. Kesler, MD  
Kamal R. Khabbaz, MD  
Asghar Khaghani, MD  
Siaavosh Khonsari, MD  
Ali Khoynzhad, MD  
Bob B. Kiaii, MD  
Ki-Bong Kim, MD  
Min Kim, MD  
Young Tae Kim, MD  
Thomas J. Kirby, MD  
James K. Kirklin, MD  
Marvin M. Kirsh, MD  
Joseph C. Kiser, MD  
Soichiro Kitamura, MD  
Robert Kleinloog, MD  
Walter Klepetko, MD  
Christopher J. Knott-Craig, MD  
Junjiro Kobayashi, MD  
Reiner Koerfer, MD  
Brian E. Kogon, MD  
Leslie J. Kohman, MD  
Jacob Kolff, MD  
Masashi Komeda, MD  
Igor E. Konstantinov, MD  
Gary S. Kopf, MD  
Robert L. Kormos, MD  
Robert J. Korst, MD  
Arvind Koshal, MD  
J. Kenneth Koster, Jr., MD  
Nicholas T. Kouchoukos, MD  
Hitoshi Koyanagi, MD  
John M. Kratz, MD

Christian Kreutzer, MD  
Guillermo O. Kreutzer, MD  
Karl H. Krieger, MD  
Irving L. Kron, MD  
Paul A. Kurlansky, MD  
Hiromi Kurosawa, MD  
Jaroslaw Kuzdzal, MD  
Francois G. Lacour-Gayet, MD  
Joseph S. Ladowski, MD  
Stephen J. Lahey, MD  
Thomas Z. Lajos, MD  
Hillel Laks, MD  
John J. Lamberti, MD  
Kevin P. Landolfo, MD  
Rodney J. Landreneau, MD  
Roderick W. Landymore, MD  
Rudiger S. Lange, MD  
Steven L. Lansman, MD  
Michael Lanuti, MD  
Christine L. Lau, MD  
Gerald M. Lawrie, MD  
Harold L. Lazar, MD  
Bruce J. Leavitt, MD  
Arthur B. Lee, Jr., MD  
Chuen-Neng Lee, MD  
Jae Won Lee, MD  
Jay M. Lee, MD  
Richard Lee, MD  
Edward A. Lefrak, MD  
Jean-Francois Legare, MD  
Bernard J. Leininger, MD  
Ki-Bong Kim, MD  
Gerald M. Lemole, MD  
Stuart C. Lennox, MD  
Antoon E. Lerut, MD  
Gunda Leschber, MD  
George V. Letsou, MD  
James M. Levett, MD  
Sidney Levitsky, MD  
Wei-i Li, MD  
Zhigang Li, MD  
Kenneth K. Liao, MD  
Scott D. Lick, MD  
John R. Liddicoat, MD  
Shu S. Lin, MD  
Christopher R. Lincoln, MD  
Harald L. Lindberg, MD  
Philip A. Linden, MD  
Edward S. Lindsey, MD  
Michael J. Liptay, MD  
Virginia R. Litle, MD  
Alex G. Little, MD  
S. Bert Litwin, MD  
Jinfen Liu, MD  
Ugolino Livi, MD  
Joseph LoCicero, III, MD  
Gary K. Lofland, MD

Daniel Y. Loisanca, MD  
Barry A. Love, MD  
Jack W. Love, MD  
James E. Lowe, MD  
F. Mark Lupinetti, MD  
Charles R. Lye, MD  
Bruce W. Lytle, MD  
Paolo Macchiarini, MD  
Michael J. Mack, MD  
James W. Mackenzie, MD  
Michael A. Maddaus, MD  
Joren C. Madsen, MD  
Mitchell J. Magee, MD  
George J. Magovern, Jr., MD  
Yousuf Mahomed, MD  
Richard D. Mainwaring, MD  
Edward J. Malec, MD  
James R. Malm, MD  
William T. Maloney  
Mary C. Mancini, MD  
Ashis K. Mandal, MD  
Dev R. Manhas, MD  
Peter B. Manning, MD  
John D. Mannion, MD  
Peter B. Mansfield, MD  
M. Blair Marshall, MD  
Juan Martinez-Leon, MD  
Bohdan J. Maruszewski, MD  
David P. Mason, MD  
G. Robert Mason, MD  
Gilbert Massard, MD  
Douglas J. Mathisen, MD  
Jack M. Matloff, MD  
Hikaru Matsuda, MD  
Severi P. Mattila, MD  
Sandro Mattioli, MD  
Kenneth L. Mattox, MD  
Constantine Mavroudis, MD  
John E. Mayer, MD  
Domenico Mazzitelli, MD  
Patrick M. McCarthy, MD  
Kenneth R. McCurry, MD  
Richard B. McElvein, MD  
M. Terry McEnany, MD  
P. Michael McFadden, MD  
David C. McGiffin, MD  
Joseph T. McGinn, MD  
Edwin C. McGough, MD  
Christopher G. A. McGregor, MD  
Robert J. McKenna, Jr., MD  
Emmett D. McKenzie, MD  
F. Neil McKenzie, MD  
Martin F. McKneally, MD  
David M. McMullan, MD  
Martin H. McMullan, MD  
J. Judson McNamara, MD  
Roger B. Mee, MD

Reza J. Mehran, MD  
Milton A. Meier, MD  
Daniel R. Meldrum, MD  
Franca M.A. Melfi, MD  
Philippe Menasche, MD  
Charles N. Mendeloff, MD  
Lorenzo A. Menicanti, MD  
Alan H. Menkis, MD  
Michael J. Mennander, MD  
Robert M. Mentzer, MD  
Scot H. Merrick, MD  
Walter H. Merrill, MD  
Thierry G. Mesana, MD  
Bruno J. Messmer, MD  
Carlos A. Mestres, MD  
Dominique R. Metras, MD  
Dan M. Meyer, MD  
Bryan F. Meyers, MD  
Lawrence Michaelis, MD  
Robert E. Michler, MD  
Lynda L. Mickleborough, MD  
Frank M. Midgley, MD  
Tomislav Mihaljevic, MD  
Michael R. Mill, MD  
D. Craig Miller, Jr., MD  
Donald W. Miller, Jr., MD  
Joseph I. Miller, MD  
Jeffrey C. Milliken, MD  
Lawrence J. Mills, MD  
Mitchell Mills, MD  
Noel L. Mills, MD  
Stephen A. Mills, MD  
Kenji Minatoya, MD  
Gregory A. Misbach, MD  
Shinichiro Miyoshi, MD  
Richard A. Moggio, MD  
Friedrich W. Mohr, MD  
Hitoshi Mohri, MD  
J. Ernesto Molina, MD  
Laureano Molins, MD  
Ashby C. Moncure, MD  
James L. Monro, MD  
Alvaro Montoya, MD  
Darroch W. Moores, MD  
John M. Moran, MD  
Victor Morell, MD  
Ricardo J. Moreno-Cabral, MD  
Jeremy R. Morton, MD  
Ralph S. Mosca, MD  
Noboru Motomura, MD  
Anthony L. Moulton, MD  
David S. Mulder, MD  
Donald C. Mullen, MD  
Claudio Muneretto, MD  
David A. Murphy, MD  
Marcos Murtra, MD  
P. David Myerowitz, MD

## Continued Lifetime Giving Societies

John L. Myers, MD  
 Hassan Najafi, MD  
 Hani K. Najm, MD  
 Yoshifumi Naka, MD  
 Keith S. Naunheim, MD  
 Daniel O. Navia, MD  
 Jose L. Navia, MD  
 A. John Neerken, MD  
 Rodolfo A. Neirotti, MD  
 Dao M. Nguyen, MD  
 Takashi Nitta, MD  
 William F. Northrup, III, MD  
 William I. Norwood, MD  
 Richard J. Novick, MD  
 Jean-Francois Le Obadia, MD  
 John L. Ochsner, MD  
 Hitoshi Ogino, MD  
 Richard G. Ohye, MD  
 Morihito Okada, MD  
 Okike N. Okike, MD  
 Yutaka Okita, MD  
 H. Newland Oldham, Jr., MD  
 Gordon N. Olinger, MD  
 Sergio A. Oliveira, MD  
 Martin J. O'Neill, Jr., MD  
 Aung Oo, MD  
 Mark B. Orringer, MD  
 Thomas A. Orszulak, MD  
 David A. Ott, MD  
 Richard A. Ott, MD  
 James H. Oury, MD  
 Albert D. Pacifico, MD  
 Davide Pacini, MD  
 Walter E. Pae, MD  
 Peter C. Pairolero, MD  
 George M. Palatianos, MD  
 George Pappas, MD  
 Bernard J. Park, MD  
 Soon J. Park, MD  
 Frederick B. Parker, Jr., MD  
 Alessandro Parolari, MD  
 Michael K. Pasque, MD  
 Harvey I. Pass, MD  
 Bruce C. Paton, MD  
 Alec Patterson, MD  
 Subroto Paul, MD  
 Jeffrey M. Pearl, MD  
 F. Griffith Pearson, MD  
 David V. Pecora, MD  
 Patricia A. Penkoske, MD  
 D. Glenn Pennington, MD  
 John L. Pennock, MD  
 John R. Pepper, MD  
 Alberto Peracchia, MD  
 Louis P. Perrault, MD  
 Orlando Petrucci, MD  
 Gosta B. Pettersson, MD

Si Mai Pham, MD  
 Steven J. Phillips, MD  
 Jeffrey M. Piehler, MD  
 William S. Pierce, MD  
 Richard N. Pierson, III, MD  
 Frank A. Pigula, MD  
 Armand H. Piwnica, MD  
 Christian Pizarro, MD  
 Claude Planche, MD  
 Melvin R. Platt, MD  
 James R. Pluth, MD  
 Alberto Pochettino, MD  
 Jose L. Pomar, MD  
 Alain J. Poncelet, MD  
 Richard L. Prager, MD  
 Rene Pretre, MD  
 Ourania Preventza, MD  
 Francisco J. Puga, MD  
 John D. Puskas, MD  
 Joe B. Putnam, Jr., MD  
 Jan Modest Quaegebeur, MD  
 Ehud Raanani, MD  
 Jaishankar Raman, MD  
 J. Scott Rankin, MD  
 Vivek Rao, MD  
 Anees J. Razzouk, MD  
 Ivan M. Rebeyka, MD  
 V. Mohan Reddy, MD  
 Hermann Reichensperner, MD  
 Robert L. Reis, MD  
 Bruce A. Reitz, MD  
 Erino Angelo Rendina, MD  
 Robert L. Replogle, MD  
 George J. Reut, Jr., MD  
 Jose Manuel Revuelta, MD  
 David C. Rice, MD  
 Thomas W. Rice, MD  
 W. Steve Ring, MD  
 Edward Rittenhouse, MD  
 Ramiro Rivera, MD  
 Robert C. Robbins, MD  
 Arthur J. Roberts, MD  
 John M. Robertson, MD  
 Barbara Lac Robinson, MD  
 Lary A. Robinson, MD  
 Gaetano Rocco, MD  
 Mark D. Rodefeld, MD  
 Evelio Rodriguez, MD  
 Xavier F. Roques, MD  
 Daniel M. Rose, MD  
 Eric A. Rose, MD  
 Eric E. Roselli, MD  
 Bruce R. Rosengard, MD  
 Todd K. Rosengart, MD  
 Louis P. Perrault, MD  
 David B. Ross, MD  
 Jack A. Roth, MD

John A. Rousou, MD  
 Giancarlo Roviato, MD  
 Marc Ruel, MD  
 Juan J. Rufilanchas Sanchez, MD  
 Valerie W. Rusch, MD  
 Joseph F. Sabik, III, MD  
 Robert M. Sade, MD  
 Hazim J. Safi, MD  
 Claude Planche, MD  
 Edward Y. Sako, MD  
 Tomas A. Salerno, MD  
 Neal W. Salomon, MD  
 Arkaigud Sampathkumar, MD  
 Louis E. Samuels, MD  
 Juan A. Sanchez, MD  
 John H. Sanders, Jr., MD  
 Richard G. Sanderson, MD  
 Shunji Sano, MD  
 George E. Sarris, MD  
 Hans-Joachim Schaefers, MD  
 Andres J. Schlichter, MD  
 Ehud Raanani, MD  
 Joseph D. Schmoker, MD  
 Peter M. Scholz, MD  
 David S. Schrupp, MD  
 Matthew J. Schuchert, MD  
 Stephan W. Schueler, MD  
 Thomas A. Schwann, MD  
 Meredith L. Scott, MD  
 Walter J. Scott, MD  
 Hugh E. Scully, MD  
 Jay G. Selle, MD  
 Frank W. Sellke, MD  
 Craig H. Selzman, MD  
 Paul T. Sergeant, MD  
 Alain Serraf, MD  
 Gulshan K. Sethi, MD  
 Ashish S. Shah, MD  
 David M. Shahian, MD  
 Richard J. Shemin, MD  
 Hu ShengShou, MD  
 Hani Shennib, MD  
 Hideto Shimpo, MD  
 Toshiharu Shinoka, MD  
 Lary A. Robinson, MD  
 Joseph B. Shrager, MD  
 Malakh L. Shrestha, MD  
 Dominique Shum-Tim, MD  
 Sara J. Shumway, MD  
 Matthias Siepe, MD  
 Hans-Hinrich Sievers, MD  
 Ralph D. Siewers, MD  
 Norman A. Silverman, MD  
 Robert L. Simmons, MD  
 Arun K. Singh, MD  
 James D. Sink, MD  
 Colleen F. Sintek, MD

Mark S. Slaughter, MD  
 Nicholas G. Smedira, MD  
 J. Michael Smith, MD  
 Peter K. Smith, MD  
 William R. Smythe, MD  
 Norman J. Snow, MD  
 Joshua R. Sonett, MD  
 Alan M. Speir, MD  
 Lokeswara R. Sajja, MD  
 David Spielvogel, MD  
 Francis G. Spinale, MD  
 Henry M. Spotnitz, MD  
 William D. Spotnitz, MD  
 Vaughn A. Starnes, MD  
 Albert Starr, MD  
 Giovanni Stellin, MD  
 Larry W. Stephenson, MD  
 Allan S. Stewart, MD  
 Scott Stewart, MD  
 Brendon M. Stiles, MD  
 Quentin R. Stiles, MD  
 William S. Stoney, MD  
 Tracy E. Strevey, Jr., MD  
 Valavanur A. Subramanian, MD  
 Paul Subroto, MD  
 Henry J. Sullivan, MD  
 Hisayoshi Suma, MD  
 Li-Zhong Sun, MD  
 R. Sudhir Sundaresan, MD  
 Thoralf M. Sundt, III, MD  
 R. Duncan Sutherland, MD  
 Lars G. Svensson, MD  
 Julie A. Swain, MD  
 Scott J. Swanson, MD  
 Stephen G. Swisher, MD  
 Wilson Y. Szeto, MD  
 Minoru Tabata, MD  
 Koichi Tabayashi, MD  
 David P. Taggart, MD  
 Shinichi Takamoto, MD  
 Shuichiro Takanashi, MD  
 Constantine J. Tatooles, MD  
 James Tatoulis, MD  
 Kenneth M. Taylor, MD  
 Stephen J. Shochat, MD  
 Alfred J. Tector, MD  
 Arthur N. Thomas, MD  
 Clarence S. Thomas, MD  
 Pascal A. Thomas, Jr., MD  
 Vinod H. Thourani, MD  
 Richard J. Thurer, MD  
 Robert L. Thurer, MD  
 Edward P. Todd, MD  
 Thomas R. J. Todd, MD  
 Alper Toker, MD  
 Luis A. Tomatis, MD  
 David F. Torchiana, MD

Gregory D. Trachiotis, MD  
 Victor F. Trastek, MD  
 Robert L. Treasure, MD  
 Alfredo Trento, MD  
 Victor T. Tsang, MD  
 Joseph Turek, MD  
 Marko I. Turina, MD  
 Kevin Turley, MD  
 Stephen Z. Turney, MD  
 Mark W. Turrentine, MD  
 Ching Tzao, MD  
 Yuichi Ueda, MD  
 Daniel J. Utlyot, MD  
 Felix H. Unger, MD  
 Ross M. Ungerleider, MD  
 Helmut W. Unruh, MD  
 John D. Urschel, MD  
 Glen Van Arsdell, MD  
 Joseph M. Van De Water, MD  
 Dirk E. Van Raemdonck, MD  
 Paul E. Van Schil, MD  
 Peter Van Trigt, III, MD  
 Thomas J. Vander Salm, MD  
 Robert M. Vanecko, MD  
 Hugo K. I. Vanermen, MD  
 Ara A. Vaporciyan, MD  
 Gonzalo Varela, MD  
 Cecil C. Vaughn, MD  
 Cindy L. VerColen  
 Edward D. Verrier, MD  
 Jakob Vinten-Johansen, MD  
 Gus J. Vlahakes, MD  
 Ludwig K. vonSegesser, MD  
 Pascal R. Vouhe, MD  
 Luca A. Vricella, MD  
 Hiromi Wada, MD  
 Thomas K. Waddell, MD  
 Thorsten C. Wahlers, MD  
 John C. Wain, Jr., MD  
 Akio Wakabayashi, MD  
 Robert B. Wallace, MD  
 Eugene Wallsh, MD  
 John Wallwork, MD  
 Garrett L. Walsh, MD  
 Henry L. Walters, III, MD  
 Song Wan, MD  
 Herbert B. Ward, MD  
 Kenneth G. Warner, MD  
 Paul F. Waters, MD  
 Levi Watkins, Jr., MD  
 Donald C. Watson, MD  
 Thomas J. Watson, MD  
 Andrew S. Wechsler, MD  
 Walter Weder, MD  
 Jeng Wei, MD  
 Tracey L. Weigel, MD  
 Darryl S. Weiman, MD

Ronald M. Weintraub, MD  
 Richard D. Weisel, MD  
 Harry A. Wellons, Jr., MD  
 Francis C. Wells, MD  
 Winfield J. Wells, MD  
 Stephen Westaby, MD  
 David J. Wheatley, MD  
 Glenn J. Whitman, MD  
 Stephen Z. Turney, MD  
 Mathew R. Williams, Jr., MD  
 Thomas E. Williams, MD  
 William G. Williams, MD  
 Willis H. Williams, MD  
 James Miller Wilson, MD  
 Robert F. Wilson, MD  
 Randall K. Wolf, MD  
 Walter G. Wolfe, MD  
 Ernst Wolner, MD  
 Y. Joseph Woo, MD  
 Cameron D. Wright, Sr., MD  
 Creighton B. Wright, MD  
 Qingyu Wu, MD  
 Toshikatsu Yagihara, MD  
 Stephen C. Yang, MD  
 Kazuhiro Yasufuku, MD  
 Hisataka Yasui, MD  
 Terrence M. Yau, MD  
 Edward S. Yee, MD  
 Anthony P. Yim, MD  
 J. Nilas Young, MD  
 Ryohei Yozu, MD  
 David D. Yuh, MD  
 Rostik Zajtchuk, MD  
 Ricardo A. Zalaquett, MD  
 Lawrence I. Zaroff, MD  
 Robert H. Zeff, MD  
 Kenton J. Zehr, MD  
 Marian Zembala, MD  
 Marco A. Zenati, MD  
 Marcin Zielinski, MD  
 M. Nazih Zuhdi, MD  
 Joseph B. Zwischenberger, MD





AATS GRAHAM FOUNDATION

**AATS Graham Foundation**  
500 Cummings Center, Suite 4550  
Beverly, MA 01915

Phone: 978-927-8330  
Fax: 978-524-0498  
Email: [admin@aatsgrahamfoundation.org](mailto:admin@aatsgrahamfoundation.org)  
[www.aatsgrahamfoundation.org](http://www.aatsgrahamfoundation.org)