



WIGWAM

MARCH

27<sup>th</sup>

ANNUAL  
MEETING

RESORT

13-16, 2014

## **ACKNOWLEDGEMENTS**

**Thank you to our exhibitors**

*CareFusion*

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*superDimension*

**Administrative Office**  
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## EXECUTIVE COMMITTEE

Mark Allen  
Rochester, MN

Gail Darling  
Toronto, ON

Hiran (Chrish) Fernando  
Boston, MA

John Kucharczuk  
Philadelphia, PA

Bonnie Lemmerman  
Rochester, MN

Carla MacLean  
Rochester, MN

M. Blair Marshall  
Washington, DC

John Mitchell  
Denver, CO

Francis Nichols  
Rochester, MN

Peter Pairolero  
Rochester, MN

Victor Trastek  
Scottsdale, AZ

Ara Vaporciyan  
Houston, TX

Dennis Wigle  
Rochester, MN

Stephen Yang  
Baltimore, MD

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## ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of The Society of Thoracic Surgeons and the General Thoracic Surgical Club. The Society of Thoracic Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Society of Thoracic Surgeons designates this live activity for a maximum of 13.25 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

To qualify for CME credit, physicians need to complete a CME Claim Form and turn this in to staff at the end of the meeting. It is also important that physicians complete the program evaluation.

For information regarding CME credits following this meeting, please contact Shilpa Srikakolapu, CME Compliance Coordinator at the Society of Thoracic Surgeons Office at [ssrikakolapu@sts.org](mailto:ssrikakolapu@sts.org) or 312-202-5834.

See Disclosure Directory located at the back of the program book.

## **DESIRABLE PHYSICIAN ATTRIBUTES**

The speakers will present ideas for patient care that are compassionate and appropriate to treat patients. By attending, participants will increase their medical knowledge of evolving biomedical, clinical and cognate sciences and be able to apply this knowledge to patient care. The activity will teach attendees how to appraise scientific information and improve their practices. The discussion sessions will allow practice and improvement in communication skills among professionals. The lectures on health care reform will demonstrate how thoracic surgeons fit into the larger context of medicine.

### **GTSC 27<sup>TH</sup> ANNUAL MEETING OVERALL LEARNING OBJECTIVES**

**Upon completion of this activity, participants should be able to:**

1. Discuss how to develop a lung cancer screening program.
2. Evaluate the various options for treating mesothelioma.
3. Summarize new technology in thoracic surgery for esophageal disease.
4. Discuss alternative methods of caring and treating patients with complicated and controversial thoracic diseases.
5. Explain and discuss electronic education, mentoring, advocacy and professionalism.

## **SESSION LEARNING OBJECTIVES**

**Overall** – To provide a forum for general thoracic surgeons to learn the most up-to-date information on research, patient care, pathophysiology, surgical techniques and educational methods to maintain the optimum surgical care of general thoracic patients.

### **Ginsberg Clinical Trials**

- Propose and design innovative clinical trials to decrease the death rate from thoracic malignancies.
- Understand the cooperative group organization.
- 

### **Session I**

- Identify the important issues about lung cancer screening.

### **Session II**

- Discuss management of mesothelioma both extrapleural pneumonectomy and decortication as well as the legal issues surrounding this disease process.

### **Case Discussions**

- Discuss the management options of difficult and controversial diseases.

### **Session III**

- Explain the concepts of novel therapeutic techniques for diseases of the esophagus.

### **Session IV**

- Discuss and explore electronic education, mentoring medical students, professionalism and medical policy advocacy.

### **Super Bowl of X-Rays**

- Interpret various unusual and rare radiographs in general thoracic surgical patients.

# **SCHEDULE OF EVENTS**

## **27th ANNUAL MEETING GENERAL THORACIC SURGICAL CLUB**

**Thursday, March 13, 2014**

**Robert. J. Ginsberg Clinical Trials\*\***  
*Sachem Ballroom*  
*(casual attire)*

**7:30 a.m. Continental Breakfast**  
*(Clinical Trials Attendees Only)*

**8:00 a.m. Introduction and Format  
Overview\*\***  
*Dennis Wigle*

**8:10 a.m. “That’s a great idea for a  
trial.....what next?”**

**1. How we do it:**

- a. University of Toronto**  
*Gail Darling*
- b. M.D. Anderson Cancer Center**  
*Stephen Swisher*
- c. Mayo Clinic**  
*Dennis Wigle*
- d. Memorial Sloan- Kettering  
Cancer Center**  
*Robert Downey*

**2. Navigating the NCI Cooperative  
group infrastructures: Success and failure  
– a story of two studies**  
*Chrish Fernando*

**Thursday, March 13 (con't)**

- 3. Alternative routes for funding studies:**
  - a. R01, R21 funding for trials**
  - b. Industry partnerships**
  - c. Leveraging institutional resources**
  
- 4. Alternative designs for hard to accrue studies**

**9:25 a.m. Cooperative Group Trials  
“The Menu”**

**Format overview - Lung, Esophagus, Other**

**9:30 a.m. RTOG – Gail Darling  
NCIC - Gail Darling  
Alliance – Dennis Wigle/  
Linda Martin  
ECOG/ACRIN – Phil Linden  
SWOG – Steve Swisher**

For each - Open Studies

Empty Spaces – what could we do?

\*\*Rapid fire concept evaluation with audience response system

**10:15 – 10:35 a.m. Break**

**10:40 a.m. Cooperative Group Trials  
(con't)**

**11:30 a.m. Single-Multi-institutional/  
Non- cooperative Group  
Trials/other  
(with audience feedback)**

**ITMIG Update –  
Frank Detterbeck**

**Thursday, March 13 (con't)**

**ACS Surgical Standards Project**

*Nirmal Veeramachaneni*

**Stem Cells/Phylogeny of Cancer**

*Rob Downey*

**Lung TCGA Project Update**

*Dennis Wigle*

**NOON**

**Wrap-up and  
Adjourn**

**1:00 – 7:00 p.m. Registration Desk Open**

*Sachem West Foyer*

**7:00 – 10:00 p.m. Welcome Reception**

*Hopi/Aztec*

*(casual attire)*

*Phoenix Astronomical Society will be joining  
us with telescopes & Mike the Meteorite Man*

**Friday, March 14**

**7:00 a.m. – Noon GTSC Hospitality Desk  
Open**

*Sachem Foyer*

**7:00 – 9:00 a.m.**

**Breakfast**

*Sachem Terrace*

**8:00 – Noon**

**Exhibits and Posters**

*Aztec*

**8:00 – Noon**

**Scientific Session**

*Sachem Ballroom*

*(casual attire)*

**Friday, March 14 (con't)**

**8:00 – 8:05 a.m. Introduction/  
Announcements**

**SCREENING CT**

*Moderator: M. Blair Marshall*

- 8:05 – 8:25 a.m.**      **How to set up a CT  
Screening Program –  
Duke Experience**  
*Betty Tong*
- 8:25 – 8:45 a.m.**      **How to set up a CT  
Screening Program –  
Stanford Experience**  
*Joseph Shrager*
- 8:45 – 9:05 a.m.**      **CT Screening from  
the “Lung Cancer  
Alliance” viewpoint**  
*Laurie Fenton  
Ambrose*
- 9:05 – 9:45 a.m.**      **Discussion**
- 9:45 – 10:15 a.m.**      **Break**  
*Aztec*

**MESOTHELIOMA**

*Moderator: H. Chrish Fernando*

- 10:15 - 10:35 a.m.**      **The Role of  
Extrapleural  
Pneumonectomy in  
Mesothelioma**  
*David Sugarbaker*
- 10:35 – 10:55 a.m.**      **The Role of  
Decortication in  
Mesothelioma**  
*Raja Flores*

## Friday, March 14 (con't)

**10:55 – 11:15 a.m.**      **The Role of Lawyers  
in Mesothelioma**  
*Michael Thornton*

**11: 15 – Noon**              **Discussion**

**NOON**                      **Lunch**  
*Sachem Terrace*

**NOON**                      **Golf Tournament**  
(please sign-up at GTSC  
Registration Desk-box  
lunches provided)

### **EVENING SESSION**

**5:30 – 7:00 p.m. Clinical Management  
Panels**  
*Sachem Ballroom*  
*Moderator: Dennis Wigle*  
*(casual attire)*

**Mesothelioma**  
*Joseph Friedberg, Raja Flores,  
Garrett Walsh*

**Stage IIIA Lung Cancer**  
*Stephen Swisher, Joseph Shrager,  
Gail Darling*

**Esophageal Cancer**  
*Shanda Blackmon, John Kucharczuk,  
Andrew Chang*

**6:30 – 10:00 p.m.**      **Children's Program**  
*Kiva West*  
(please sign-up at GTSC  
Registration Desk)

**7:00 – 11:00 p.m.**      **Dinner**  
*Litchfield Lawn*  
*(casual attire)*

## Saturday, March 15

**6:20 a.m. – Noon**  
**Desk Open**

**GTSC Hospitality**

*Sachem Foyer*

**6:30 a.m.**

**Fun Run**

(please sign-up at GTSC  
Registration Desk)

**7:00 – 9:00 a.m.**

**Breakfast**

*Sachem Terrace*

**8:00 – Noon**

**Exhibits and Posters**

*Aztec*

**8:00 a.m. – Noon**

**SCIENTIFIC SESSION**

*Sachem Ballroom*

*(casual attire)*

**8:00 – 8:05 a.m.**

**Introduction/  
Announcements**

**8:05 – 8:25 a.m.**

**Abstract Presentations**

*Moderator: Gail Darling*

The Novel Technique of Hybrid POEM and  
Laparoscopic Dor Fundoplication

*J. Matthew Reinersman*

The Safety and Efficacy of Lobectomy for  
Lung Cancer in Elderly Patients  $\geq 75$  Years  
Old

*Stephanie Worrell*

**NOVEL ESOPHAGEAL**

*Moderator: Gail Darling*

**8:25 – 8:45 a.m.**

**LINX<sup>®</sup>**

LES Mechanical  
Augmentation

*Francis Nichols*

**Saturday, March 15 (con't)**

**8:45 – 9:05 a.m.**      **Minimally Invasive  
Esophagectomy**  
*Dawn Jaroszewski*

**9:05 – 9:30 a.m.**      **Discussion**

**9:30 – 9:50 a.m.**      **Break**  
*Aztec*

**EDUCATION, MENTORING AND  
ADVOCACY**

*Moderator: John Mitchell*

**9:50 – 10:10 a.m.**      **Electronic Education  
Opportunities**  
*Ara Vaporciyan*

**10:10 – 10:30 a.m.**      **Mentoring Medical  
Students**  
*Stephen Yang*

**10:30 – 10:50 a.m.**      **Medical Policy –  
Advocacy**  
*Jess Thompson*

**10:50 – 11:10 a.m.**      **Professionalism**  
*Victor Trastek*

**11:10 – 11:40 a.m.**      **DISCUSSION**

**11:40 – NOON**      **BUSINESS MEETING**

**NOON**      **Lunch**  
*Front Lawn*

**NOON**      **Papago Park Tour –  
Conference Center  
Porte Cochere**

(Please sign-up at GTSC Registration  
Desk-box lunches provided)

## Saturday, March 15 (con't)

**1:30 p.m. Tennis Tournament**

### **EVENING SESSION** *San Bernardo Ballroom*

**5:30 – 7:00 p.m. Super Bowl of X-Rays\*\***  
*Sachem Ballroom*  
*Richard Freeman/Fred Weber*

\*\*Rapid fire concept evaluation with audience response system

**6:30 – 10:00 p.m. Children's program**  
*Kiva West*  
(please sign up at GTSC Registration Desk)

**7:00 p.m. Champagne Reception**  
*Sachem Terrace*

**7:30 p.m. Gala Dinner and Awards**  
*Pima/Pueblo*  
(semi-formal)

## Sunday, March 16, 2014

**7:00 – 10:00 a.m. Breakfast**  
*Sachem West*

*Coffee and rolls are available beginning at 5:30 a.m. in the Reception Center for those members who are on their way prior to breakfast.*

*We hope that you enjoyed the 27<sup>th</sup> Annual Meeting and hope to see you next year at Waldorf Astoria Naples, Naples, Florida.*

**Peter C. Pairolero Scholarship Award**  
**Recipients**

Dr. Leah Backhus – 2008  
Dr. Bryan Whitson – 2009  
Dr. James Harris – 2010  
Dr. Mara Antonoff – 2011  
Dr. Ryan Macke – 2012  
Dr. Shawn S. Groth – 2013  
Dr. Gary Schwartz - 2014

**Future Meetings**

March 12 – 15, 2015  
Waldorf Astoria Naples  
Naples, Florida

March 10 – 13, 2016  
Hilton El Conquistador Golf & Tennis Club  
Tucson, Arizona

March 9 – 12, 2017  
Hilton Clearwater Beach  
Clearwater, Florida

March 8 – 11, 2018  
TBD

March 7 – 10, 2019  
Waldorf Astoria Naples  
Naples, Florida

## **PAST MEETINGS**

Mission Hills Resort - 1988  
Rancho Mirage, California

La Quinta Hotel Golf & Tennis Resort - 1989  
La Quinta, California

Marriott's Rancho Las Palmas  
Resort & Country Club - 1990  
Rancho Mirage, California

South Seas Plantation Resort & Yacht Harbour - 1991  
Captiva Island, Florida

South Seas Plantation Resort & Yacht Harbour - 1992  
Captiva Island, Florida

South Seas Plantation Resort & Yacht Harbour - 1993  
Captiva Island, Florida

The Pointe Hilton Resort on South Mountain - 1994  
Phoenix, Arizona

South Seas Plantation Resort & Yacht Harbour - 1995  
Captiva Island, Florida

La Quinta Hotel Golf & Tennis Resort - 1996  
La Quinta, California

South Seas Plantation Resort & Yacht Harbour - 1997  
Captiva Island, Florida

La Costa Resort and Spa - 1998  
Carlsbad, California

Radisson Suite Beach Resort – 1999  
Marco Island, Florida

Sheraton El Conquistador Resort & Country Club - 2000  
Tucson, Arizona

South Seas Plantation Resort & Yacht Harbour - 2001  
Captiva Island, Florida

Sheraton El Conquistador Resort & Country Club - 2002  
Tucson, Arizona

## **PAST MEETINGS (con't)**

The Registry Resort - 2003  
Naples, Florida

The Wigwam Resort - 2004  
Litchfield Park, Arizona

The Registry Resort - 2005  
Naples, Florida

Hilton El Conquistador Resort & Country Club - 2006  
Tucson, Arizona

South Seas Resort - 2007  
Captiva Island, Florida

Rancho Bernardo Inn - 2008  
San Diego, California

The Don CeSar - 2009  
St. Pete Beach, Florida

La Costa Resort & Spa - 2010  
Carlsbad, California

South Seas Resort – 2011  
Captiva Island, Florida

Rancho Bernardo Inn – 2012  
San Diego, California

Waldorf Astoria – 2013  
Naples, Florida

**PLANNING COMMITTEE  
DISCLOSURES**

Unless otherwise noted, Planning Committee members have nothing to disclose.

Mark Allen

(Nonremunerative Position of Influence: STS  
1st Vice President; ABTS Exam Chair;  
JCTSE Board Chair)

Gail Darling

Hiran Chrish Fernando

(Other – Consultant: Galil – Medical Monitor  
Study;

CSA Medical)

John Kucharczuk

Bonnie Lemmerman

Carla MacLean

Damon Marquis

(Ownership Interest: GE; Pfizer)

M. Blair Marshall

(Consultant/Advisory Board: Ethicon; Clinical  
Key)

John Mitchell

(Other Research Support: Maquet; Speakers  
Bureau/Honoraria: Covidien;

Nonremunerative Position of Influence:  
Varian Medical Systems)

Frank Nichols

Peter Pairolero

Victor Trastek

Ara Vaporciyan

(Employment: UT MD Anderson;  
Consultant/Advisory: Non paid advisory  
board Varian)

Dennis Wigle

Stephen Yang

## **SPEAKER/MODERATOR DISCLOSURES**

Unless otherwise noted, speakers/moderators  
have nothing to disclose.

(Information current at time of printing on  
February 24, 2014)

Laurie Fenton Abbrose  
Mark Allen

(Nonremunerative Position of Influence: STS  
1st Vice President; ABTS Exam Chair;  
JCTSE Board Chair)

Shanda Blackmon

Andrew Chang

Gail Darling

Frank Detterbeck

Robert Downey

Hiran Chrish Fernando

(Other – Consultant: Galil – Medical Monitor  
Study;

CSA Medical)

Raja Flores

(Employment: Mount Sinai Health Systems)

Richard Freeman

Joseph Friedberg

Dawn Jaroszewski

(Research Grant: On Q; Speakers  
Bureau/Honoraria: Guidepoint Global)

Philip Linden

M. Blair Marshall

(Consultant/Advisory Board: Ethicon; Clinical  
Key)

Linda Martin

(Spouse has the following relationships:

Speakers Bureau/Honoraria: Boston  
Scientific, Abbott, St. Jude; Ownership

Interest: Atheromed)

Francis Nichols

J. Matthew Reinersman

William Richards

**SPEAKER/MODERATOR  
DISCLOSURES (con't)**

Unless otherwise noted, speakers/moderators  
have nothing to disclose.

(Information current at time of printing on  
February 24, 2014)

Joseph Shrager

(Ownership Interest: Chest Innovations;  
Consultant/Advisor Board: CareFusion,  
Varian and Maquet)

David Sugarbaker

Stephen Swisher

(Consultant/Advisory Board:  
GlaxoSmithKline)

Jess Thompson

Michael Thornton

Betty Tong

Victor Trastek

Ara Vaporciyan

(Employment: UT MD Anderson;  
Consultant/Advisory: Non paid advisory  
board Varian)

Nirmal Veeramachaneni

Garrett Walsh

Fred Weber

(Speakers Bureau/Honoraria: Osler Institute)

Dennis Wigle

Stephanie Worrell

Stephen Yang

## **Early History of the General Thoracic Surgical Club**

In July 1984, Victor Trastek joined Peter Pairolero as a consultant in general thoracic surgery (GTS) at Mayo Clinic in Rochester, Minnesota. Trastek had just returned from a fellowship in thoracic surgery at Toronto General Hospital. Together, Trastek and Pairolero developed a "Table of Organization" for GTS at Mayo Clinic. A footnote of this local reorganization was the need for a national conference dedicated to GTS.

In January 1985, the 21<sup>st</sup> Annual Meeting of The Society of Thoracic Surgeons (STS) was held in Toronto. The meeting occurred over two-and-a-half days and consisted of five general plenary sessions with a total of 43 presentations--33 cardiac and 8 thoracic (18.6%). This limited number of GTS presentations was quite common at the annual meetings of both the STS and the American Association for Thoracic Surgery (AATS) in the 1980s. Clearly, these few presentations did not meet the needs of general thoracic (GT) surgeons.

In March 1985, Thomas DeMeester and Peter Pairolero discussed the need for an annual meeting dedicated to GTS. DeMeester suggested a regional meeting in the central-northeast section of the United States patterned after the Southern and Western Thoracic Surgical Associations. Other GT surgeons were queried; while most were enthusiastic, a few were not in favor of such an endeavor.

In April 1986, Robert Ginsberg, Thomas Todd, and Victor Trastek met at the International Stapling Symposium in Pittsburgh to discuss the creation of a general thoracic surgical meeting with the objectives being a forum for clinical surgery, research, and education. They proposed

the name “General Thoracic Surgical Club”. They developed a timetable that would result in the first meeting occurring during the third week of January 1988. The meetings were “to alternate between summer and winter locations that provide a good social atmosphere for having fun.” Todd agreed to develop bylaws, Ginsberg the program, and Trastek to arrange logistics and serve as secretary.

In May 1986, Todd delivered the bylaws with the name General Thoracic Surgical Club (GTSC). The organization would have a president and secretary/treasurer. Only board-certified surgeons whose practice consisted of at least 50% GTS were eligible for membership. Members would be required to pay dues and participate in the annual meetings. The club would have three committees: program, membership, and education.

In July 1986, Jean Deslauriers and Robert Ginsberg proposed four meeting objectives that included improving the quality of clinical surgery, establishing a forum for basic and clinical research, developing standards for GTS training, and encouraging international participation. They also proposed a two-and-a-half day meeting with two half-day scientific sessions that included four symposia--three clinical and one resident education.

In August 1986, Deslauriers, Ginsberg, Pairolero, and Trastek met to select ten GT surgeons to serve on a steering committee that would meet at the American College of Surgeons meeting in New Orleans. Thomas DeMeester, Jean Deslauriers, Pen Faber, Robert Ginsberg, E. Carmack Holmes, Joseph Miller, Gordon Murray, Peter Pairolero, Thomas Todd, and Victor Trastek were asked to serve. The steering committee met on October 21, 1989, at the Elmwood Room in the Hilton Hotel in New Orleans. Almost immediately, the proposed

name of the organization as a club became controversial. After a long discussion no resolution could be reached and the issue was tabled. The group went on to recommend that the organization should have five committees (membership, program, education, legal, and nominating) and that membership should be limited to 200. Meetings were to be held in small resorts and were to alternate between summer and winter. The group unanimously decided that all presentations were to be made by surgeons and not by residents.

In January 1987, 22 GT surgeons, including Hermes Grillo, who was STS President that year, attended an organizational GTS meeting at the Loews Anatole Hotel in Dallas. The group consensus now was that the organization should be a club. January 1988 was selected as the first meeting date and Camelback Mountain Resort in Phoenix was selected as the site (later it became apparent that the club could not afford Camelback's rates and Mission Hills in Rancho Mirage was eventually selected instead).

In April 1987, 14 GT surgeons met at the Como Inn in Chicago during the 1987 Annual Meeting of the AATS. The group decided that the first meeting would be limited to 75 members. Dues were set at \$300, and William Nelems was the first surgeon to submit dues.

In September 1987, Robert Ginsberg, Martin McNeally, Joseph Miller, Peter Pairolero, Thomas Todd, and Victor Trastek met at the annual meeting of the STS in Toronto. Fifty-nine members had already registered for the first meeting. The scientific program organized by Ginsberg was approved. The social program was also organized and consisted of a welcome party on Thursday, golf on Friday afternoon, a fun run Saturday morning, and tennis on Saturday afternoon. Vendor sponsorship was also

approved, and by October four vendors had agreed to sponsor the 1988 meeting.

The First Annual Meeting of the GTSC was held in Rancho Mirage on January 22-24, 1988. Ginsberg, McKneally, Miller, Pairolero, Todd, and Trastek were approved as the first Executive Committee members. Ginsberg also arranged for the Executive Committee of the Lung Cancer Study Group to meet the day before the first GTSC Annual Meeting. This pre-meeting combined with the first scientific session that dealt with the neoadjuvant treatment for stage III lung cancer was the beginning of what was in later years to become the “Robert J. Ginsberg Clinical Trials.”

At the Tenth Annual Meeting of the GTSC Jean Deslauriers, Robert Ginsberg, Joseph Miller, Peter Pairolero, Thomas Todd, and Victor Trastek were recognized as the Founding Members of the General Thoracic Surgical Club.