Dear Colleague,

As President of the Southern Thoracic Surgical Association, it is my great pleasure to extend this invitation to you to attend the STSA 60th Annual Meeting, October 30 – November 2, 2013, at the Hyatt Regency Scottsdale Resort & Spa at Gainey Ranch in Scottsdale, AZ.

Please take a few minutes to review the educational sessions listed in this Advance Program. You will note the names of many top experts in the field. Again this year, we have an excellent Post Graduate Program that will include case presentations and expert panels, a pro/con debate, and specialty-specific breakout sessions. The Program Committee carefully considered the comments and suggestions received from last year’s attendees when creating the 2013 Program. The Scientific Sessions will again feature cardiac, thoracic, congenital, and transplant breakout sessions as well as special History and Coding presentations. All sessions have been scheduled to allow plenty of opportunities for thoughtful discussion. There will also be time for attendees to enjoy the camaraderie and fellowship that is such a big part of the STSA Annual Meeting experience.

In addition to the educational sessions, I encourage you to bring your family and enjoy the many activities offered at the resort, conveniently located just 25 minutes from the Phoenix Sky Harbor International Airport. The Hyatt Regency Scottsdale Resort & Spa is the perfect venue for an STSA meeting, featuring two and half acres of water playground, a beautiful golf course, and breathtaking mountain views. For those who bring children, there’s Club Hyatt and affordable baby-sitting options available. STSA meeting attendees receive reduced room rates and waived resort fees, allowing you and your family free access to bike rentals, in-room wifi, and a 24-hour fitness center. Be sure to register in advance for the always-popular golf tournament on Saturday afternoon, and please encourage your guests to participate in the other activities taking place during the meeting.

Finally, I urge everyone to attend the grand finale of the Annual Meeting—the Awards Dinner & Dance on Saturday evening. The Saturday dinner will be family-oriented this year. Children are invited to come and eat with their parents. Tuxedos for men and formal gowns for women are still encouraged, keeping with tradition, but not necessary. The dress code is optional and varied and can range from formal to business casual (tuxedo, jacket and tie, or just a sports coat for men and from evening gowns to cocktail dresses and a blouse with slacks or a skirt for women). Since the meeting falls on Halloween this year costumes may also be worn by both children and parents alike. The whole family can dress up in a theme if desired, or just the kids. Children can also wear their costumes on Halloween (Thursday during the Annual Meeting) to trick-or-treat at the booths in the Exhibit Hall at a designated time.

I am confident that you and your family will enjoy the Annual Meeting experience, and I hope you will start making plans now to attend. I look forward to spending time with you and our colleagues as we enjoy the fellowship and education of the STSA. See you this fall in Scottsdale!

Sincerely,

Robert J. Cerfolio, MD
STSA President

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REGISTER TODAY AT STSA.ORG

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**PROGRAM COMMITTEE MEMBERS**

Charles D. Fraser, Jr., MD (Co-Chair)
Scott A. LeMaire, MD (Co-Chair)
Robert J. Cerfolio, MD
Melanie A. Edwards, MD
Richard K. Freeman, MD
Jeffrey P. Jacobs, MD
David R. Jones, MD
Walter H. Merrill, MD
Jorge D. Salazar, MD
Vinod H. Thourani, MD
Stephen C. Yang, MD

**POST GRADUATE COMMITTEE MEMBERS**

Kristine J. Guleserian, MD (Co-Chair)
Neal D. Kon, MD (Co-Chair)
Robert J. Cerfolio, MD
David R. Jones, MD
Richard K. Freeman, MD
John A. Howington, MD
Robert B. Lee, MD
Walter H. Merrill, MD
Vinod H. Thourani, MD
Marcus G. Williams, MD
Thomas C. Wozniak, MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>7:45 pm – 10:00 pm</td>
<td>SURGICAL MOTION PICTURES</td>
<td>CME Credits Available: 2.25</td>
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<tr>
<td>Moderators: *Melanie A. Edwards and *Jorge D. Salazar</td>
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<tr>
<td>7:45 pm – 8:00 pm</td>
<td>1V. Reverse Frozen Elephant Trunk Procedure for Rescue of Failed Thoracic Endovascular Aortic Repair</td>
<td>Monica A. Isabella, Eric E. Roselli</td>
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<td>Cleveland Clinic, Cleveland, OH</td>
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<td>8:00 pm – 8:15 pm</td>
<td>2V. VATS Chest Wall Resection of Right Upper Lobe and Ribs 2-5 en bloc</td>
<td>*Shanda H. Blackmon, *Min P. Kim</td>
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<td>The Methodist Hospital, Houston, TX</td>
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<td>8:15 pm – 8:30 pm</td>
<td>3V. Robotic Resection of Cardiac Myxoma from Superior Vena Cava-Right Atrial Junction</td>
<td>Eduard Quintana, Harold M. Burkhart, David W. Barbara, *Rakesh M. Suri</td>
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<td>Mayo Clinic, Rochester, MN</td>
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<td>8:30 pm – 8:45 pm</td>
<td>4V. Simultaneous Resection of Giant Mid-Esophageal and Lower Esophageal Diverticula via Right Thoracoscopy</td>
<td>Rachit Shah, Monica A. Isabella, Eric E. Roselli</td>
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<td>Cleveland Clinic, Cleveland, OH</td>
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<td>8:45 pm – 9:00 pm</td>
<td>5V. Implantation of Tricuspid Expanded-Polytetrafluoroethylene (ePTFE) Valved Conduit for Right Ventricular Outflow Tract</td>
<td>Yoshio Ootaki (Otaki)¹, *James A. Quintessenza², John A. Hopkins¹, Jeffrey Sites¹, James E. Jordan¹, Michael J. Walsh¹, *Ross M. Ungerleider¹</td>
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<td>¹Wake Forest Baptist Health, Winston-Salem, NC; ²Congenital Heart Institute of Florida, St. Petersburg, FL</td>
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<td>9:00 pm – 9:15 pm</td>
<td>6V. Autologous Pericardial Leaflet Replacement for Aortic Valve Reconstruction</td>
<td>*J. Scott Rankin, Hiran C. Fernando, Michael I. Ebright, Virginia R. Litle</td>
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<td>Vanderbilt University, Nashville, TN</td>
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<td>Lehigh Valley Health Network, Allentown, PA</td>
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<td>9:30 pm – 9:45 pm</td>
<td>8V. Warden Procedure for Complex Partial Anomalous Pulmonary Venous Return</td>
<td>VikasSharma, Harold M. Burkhart</td>
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<td>Mayo Clinic, Rochester, MN</td>
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<td>9:45 pm – 10:00 pm</td>
<td>9V. Laparoscopic Repair of Foramen of Morgagni Hernia</td>
<td>Hiran C. Fernando, Michael I. Ebright, Virginia R. Litle</td>
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<td>Boston University, Boston, MA</td>
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** Schedule subject to change.**

*Indicates STSA Member
THURSDAY, OCTOBER 31, 2013

7:00 am – 12:00 pm
STSA Post Graduate Program
CME Credits Available: 4.5

GENERAL SESSION
Case Presentations & Expert Panels with Audience Participation
Moderators: *Neal D. Kon, *Kristine J. Guleserian, and *Seth D. Force

7:00 am – 7:40 am
Adult Cardiac Case Presentation & Expert Panel: Complex Redo Aortic Valve Operation With or Without Aortic Root Enlargement
Case Presenter: *Neal D. Kon
Wake Forest University School of Medicine, Winston-Salem, NC
1Vanderbilt University, Nashville, TN; 2Cardiac Surgical Associates, P.S.C., Lexington, KY

7:40 am – 8:20 am
Congenital Heart Surgery Case Presentation & Expert Panel: Operative and Neuroprotective Strategies for Complex Neonatal Aortic Arch Reconstruction
Case Presenter: *Kristine J. Guleserian
Children’s Medical Center/UT Southwestern Medical Center, Dallas, TX
Expert Panelists: *James Jaggers1 and *James S. Tweddell2
1Children’s Hospital Colorado, Aurora, CO; 2Children’s Hospital of Wisconsin, Milwaukee, WI

8:20 am – 9:00 am
General Thoracic Case Presentation & Expert Panel: Solitary Pulmonary Nodule Clinical Stage One in a Basal Location
Case Presenter: *Seth D. Force
Emory University, Atlanta, GA
Expert Panelists: *Shanda H. Blackmon1 and *John A. Howington2
1The Methodist Hospital, Houston, TX; 2NorthShore University HealthSystem, Evanston, IL

9:00 am – 9:15 am
Break

ADULT CARDIAC BREAKOUT
Moderators: *Vinod H. Thourani and *Marcus G. Williams

9:15 am – 9:42 am
Tricks, Tips and Pearls in Thoracoabdominal Aneurysms and Abdominal/Thoracic Debranching Procedures
*G. Chad Hughes
Duke University Medical Center, Durham, NC

9:42 am – 10:09 am
Tricks, Tips and Pearls in Tricuspid Valve Procedures
*Edward H. Kincaid
Wake Forest University, Winston-Salem, NC

10:09 am – 10:35 am
Tricks, Tips and Pearls in Surgical Treatment of Atrial Fibrillation
Harold G. Roberts
Holy Cross Hospital, Fort Lauderdale, FL

GENERAL SESSION
Pro/Con Debate with Audience Participation
Moderators: *Robert J. Cerfolio and *Neal D. Kon

10:35 am – 11:20 am
In Moderate Risk Patients, TAVR is Economically Feasible
Pro: *Michael J. Reardon
Methodist DeBakey Heart & Vascular Center, Houston, TX
Con: Dane C. Peterson
Emory University, Atlanta, GA

SPECIAL SESSION
11:20 am – 12:00 pm
Health Care System Employment: How Surgeons Maximize Their Pay
*W. Randolph Chitwood, Jr.
East Carolina University, Greenville, NC

12:00 pm – 1:00 pm
Break—Visit Exhibits

12:00 pm – 4:00 pm
EXHIBITS OPEN

1:00 pm – 2:00 pm
ETHICS DEBATE
CME Credits Available: 1.0
Moderator: *Robert M. Sade
Is it Ethically Permissible for a Medical Center to Deny Employment to a Physician on Grounds That They Smoke Tobacco Products?
Pro: *James W. Jones
The Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX
Con: *William M. Novick
University of Tennessee Health Science Center, Memphis, TN

2:00 pm – 2:30 pm
Break—Visit Exhibits

2:30 pm – 5:00 pm
FIRST SCIENTIFIC SESSION
CME Credits Available: 2.5
Moderators: *Robert J. Cerfolio and *David R. Jones

1. Institutional Factors Impact Differences in Hospital Readmission Following Cardiac Surgery: A Statewide, Multi-Institution Quality Initiative
1University of Virginia, Charlottesville, VA; 2Inova Heart and Vascular Institute, Falls Church, VA; 3Virginia Cardiac Surgery Quality Initiative, Charlottesville, VA

10:09 am – 10:35 am
Tricks, Tips and Pearls in Tricuspid Valve Procedures
*Joseph A. Dearani
Mayo Clinic, Rochester, MN

10:35 am – 10:50 am
Break

GENERAL SESSION
Pro/Con Debate with Audience Participation
Moderators: *Robert J. Cerfolio and *Neal D. Kon

*Indicates STSA Member
2:45 pm – 3:00 pm
2. Valve Sparing Root Replacement Late Following Ross Procedure
Ari Cedars1, *Andrew C. Fiore2, Marye J. Gleva1, *Charles B. Huddleston2
1Washington University School of Medicine, Saint Louis, MO; 2Saint Louis University School of Medicine, Saint Louis, MO

3:00 pm – 3:15 pm
3. Does Amiodarone Increase the Risk of Pulmonary Complications After Major Lung Resection?
*Mark F. Berry, *Thomas A. D’Amico, Mark W. Onaitis
Duke University Medical Center, Durham, NC

3:15 pm – 3:30 pm
4. Transcatheter Aortic Valve Replacement Has Improved Short-Term, but Similar Mid-Term Outcomes in Patients Undergoing Surgical Aortic Valve Replacement Following Prior Coronary Artery Bypass Grafting
Emory University, Atlanta, GA

3:30 pm – 3:45 pm
5. A Propensity-Matched Comparison of Pleurodesis or Tunneled Pleural Catheter for Heart Failure Patients With Recurrent Pleural Effusion
*Richard K. Freeman, *Anthony J. Ascioti, Megan Dake, Raja S. Mahidhara
St. Vincent Hospital, Indianapolis, IN

3:45 pm – 4:00 pm
6. Contemporary Outcomes of Triple Valve Surgery in North America—The Expanding Role of Mitral Valve Repair
1Mayo Clinic, Rochester, MN; 2Emory University School of Medicine, Atlanta, GA; 3Centennial Medical Center, Vanderbilt University, Nashville, TN; 7The Cleveland Clinic, Cleveland, OH; 6Duke University Medical Center, Durham, NC; 3University of Maryland Medical Center, Baltimore, MD; 6University of Pittsburgh Medical Center, Pittsburgh, PA

4:00 pm – 4:15 pm
7. Obesity is Not a Predictor of Adverse Outcome Following Anatomic Lobar and Segmental Resection for Non-Small Cell Lung Cancer
University of Pittsburgh Medical Center, Pittsburgh, PA

4:15 pm – 4:30 pm
8. Clinical Experience with Aortic Translocation
*Vincent K. Tam, Eldad Erez, *Mahesh Sharma
Cook Children’s Medical Center, Fort Worth, TX

4:30 pm – 4:45 pm
Asvin M. Ganapathi, Jennifer M. Hanna, Matthew A. Schechter, Brian R. Englum, Anthony Castileberry, Jeffrey G. Gaca, *G. Chad Hughes
Duke University Medical Center, Durham, NC

4:45 pm – 5:00 pm
10. The Perceived Bias Against Integrated Cardiothoracic Surgery Residency Applicants During their General Surgery Interviews: Are We Hurting a Generation of Strong Candidates?
James M. Meza2, Kimberly Holst3, John Rectenwald5, Rishindra M. Reddy3
5Duke University Medical Center, Durham, NC; 3University of Michigan Medical School, Ann Arbor, MI

*Indicates STSA Member
FRIDAY, NOVEMBER 1, 2013

6:45 am – 11:00 am
EXHIBITS OPEN

7:00 am – 7:50 am
BASIC SCIENCE FORUM
CME Credits Available: 0.75
Moderators: *Shahab A. Akhter and *Malcolm V. Brock

7:00 am – 7:10 am
18. Right Heart Failure: An Ischemic Model and Restraint Therapy for Treatment
Marisa Cevasco, Michael Kwon, Amy Fiedler, Lawrence Lee, Jean Shiao, Ravi Shah, Rita Laurence, Raymond Kwong, Frederick Y. Chen Brigham and Women’s Hospital, Boston, MA

7:10 am – 7:20 am
2B. Cooling Temperature Doesn't Affect Neuronal Apoptosis after Antegrade Cerebral Perfusion from Deep to Mild Hypothermia
Giuseppe Ferro, Vinod Sebastian, Hiroshi Kagawa, Katsuhide Maeda, Yasuhiro Fujii, Roland Beckman, Robert K. Riemer, Frank L. Hanley, V. M. Reddy Lucile Packard Children’s Hospital, Palo Alto, CA

7:20 am – 7:30 am
3B. Development of a Porcine Lung Decellularization Protocol by Utilizing a Novel ORCA Bioreactor
Ning Qu, Courtney Hemphill, Anthony Louis, Alice Fergn, Ksitsie Penick, Zain I. Khalpey University of Arizona, Tucson, AZ

7:30 am – 7:40 am
4B. Clinical Indicators of Paraplegia Underplay Universal Spinal Cord Neuronal Injury from Transient Aortic Cross Clamping
Marshall T. Bell, Ferenc Puskas, Daine Bennett, Kirsten A. Freeman, Paco S. Herson, Josh M. Mares, Michael J. Weyant, David A. Fullerton, *T. Brett Reece University of Colorado, Aurora, CO

7:40 am – 7:50 am
5B. Lung Cancer Stem Cell Phenotype is Dependent on Expression of Secretory Phospholipase A2
Daine Bennett, *T. Brett Reece, *Frederick L. Grover, Jessica Yu, Xin-Sheng Deng, Xianzhong Meng, David A. Fullerton, Michael Weyant University of Colorado, Aurora, CO

7:50 am – 8:00 am
Break—Visit Exhibits

8:00 am – 10:00 am
SECOND SCIENTIFIC SESSION
CME Credits Available: 2.0
Moderators: *John W. Brown and *Stephen C. Yang

8:00 am – 8:15 am
11. Increased Exposure Improves Recruitment: Early Results of a Program Designed to Attract Medical Students into Surgical Careers
Kara A. Haggerty, Claude A. Beaty, Timothy J. George, George J. Annaoutakis, William A. Baumgartner Johns Hopkins University, Baltimore, MD

8:15 am – 8:30 am
12. The Safety and Efficacy of Mediastinoscopy
*Robert J. Cerfolio, *Douglas Minnich, Ayesha S. Bryant University of Alabama, Birmingham, AL

8:30 am – 8:45 am
13. Right Ventricular Unloading for Heart Failure Related to Ebstein Malformation

8:45 am – 9:00 am
14. Non-Resectional Leaflet Remodeling Mitral Valve Repair Preserves Leaflet Mobility: Echocardiography Quantitative Analysis of Mitral Valve Configuration
Yasuhiro Shudo, Jeffrey E. Cohen, Jessica Howard, Arudo Hiraoka, Pavan Atturi, John W. MacArthur, Joseph Woo University of Pennsylvania, Philadelphia, PA

9:00 am – 9:15 am

9:15 am – 9:30 am
16. 24-Hour In-Hospital Congenital Cardiac Surgical Coverage Improves Post-Cardiomyotomy Extracorporeal Membrane Oxygenation Support Outcomes in Congenital Heart Surgery
Syed M. Peer1, John P. Costello1, Joshua C. Klein1, Alyson M. Engle2, David Zurakowski2, John T. Berger2, Richard A. Jonas1, Dilip S. Nath1
1Children’s National Medical Center, Washington, DC; 2Children’s Hospital Boston, Boston, MA

9:30 am – 9:45 am
17. The Impact of Hybrid Coronary Revascularization on Hospital Costs and Reimbursements: A Comparison to Coronary Artery Bypass Surgery
*Michael E. Halkos1, Lauren Ford2, Dane Peterson2, Sheryl M. Bluestein2, Henry A. Liberman1, *John D. Puskas1, *Robert A. Guyton1, Ritam Chowdhury1
1Emory University, Atlanta, GA;
2Emory Healthcare, Atlanta, GA

9:45 am – 10:00 am
18. VATS Lobectomy Cost Variability: Implications for a Bundled Payment Era

10:00 am – 10:30 am
Break—Visit Exhibits

10:30 am – 12:00 pm
GENERAL SESSION
CME Credits Available: 1.5

10:30 am – 10:50 am
Kent Trinkle Education Lectureship
Michael Argenziano Columbia University, New York, NY

10:50 am – 11:20 am
President’s Invited Lecturer
Doug Hanson Doug Hanson Performance Group

11:20 am – 12:00 pm
Presidential Address
*Robert J. Cerfolio University of Alabama, Birmingham, AL

12:00 pm
ALL ATTENDEE LUNCH
Dessert served in the Exhibit Hall from 1:00 pm – 2:00 pm

12:00 pm – 4:00 pm
EXHIBITS OPEN

2:00 pm – 3:30 pm
THIRD SCIENTIFIC SESSION A
Simultaneous Adult Cardiac, General Thoracic, and Congenital Breakout Sessions
CME Credits Available: 1.5

ADULT CARDIAC BREAKOUT
Moderators: *Faisal G. Bakaean and *Robert S.D. Higgins

*Indicates STSA Member
GENERAL THORACIC BREAKOUT

Moderators: *Eric L. Grogan and *Allan Pickens

2:00 pm – 2:15 pm
20. Durability of Pericardial Valves in Aortic Position in Younger Patients: When Does the Reoperation Become Necessary?
Kenji Minakata1, Mitsuomi Shimamoto2, Shiro Tanaka1, Yohei Okawa2, Tatsuo Kaneko2, Yoshiharu Takahara2, Hitoshi Yaku2, Kazuo Yamanaka2, Akihiko Usui2, Nobushige Tamura1, Ruyou Sakawa1

1Kyoto University Graduate School of Medicine, Kyoto, Japan; 2Investigators, Kyoto, Japan

2:15 pm – 2:30 pm
21. Revascularization Heart Team
Favors Surgical Referral Despite Lower SYNTAX Scores
Carlos Sanchez, *Danny Chu, Suresh Mulukutla, Conrad Smith, Lawrence Wei, Vinay Badhwar

University of Pittsburgh Medical Center, Pittsburgh, PA

2:30 pm – 2:45 pm
22. Hospital Variation in Mortality from Cardiac Arrest after Cardiac Surgery: An Opportunity for Improvement?

1University of Virginia, Charlottesville, VA; 2Inova Heart and Vascular Institute, Falls Church, VA; 3Virginia Cardiac Surgery Quality Initiative, Charlottesville, VA

CONGENITAL BREAKOUT

Moderators: *Robert D.B. Jaquiss and *W. Steves Ring

2:00 pm – 2:15 pm
31. Mechanical Circulatory Support and Outcomes of Pediatric Heart Transplantation

Medical College of Wisconsin, Milwaukee, WI

2:15 pm – 2:30 pm
32. Engineering Patient Specific Valves Using Stem Cells Generated From Skin Biopsies
David Simpson1, Vasil Galat2, *Sunjay Kaushal1

1University of Maryland Medical Center, Baltimore, MD; 2Northwestern University, Chicago, IL

2:30 pm – 2:45 pm
33. Fontan Conversion: Identifying the High Risk Patient

Mayo Clinic, Rochester, MN

3:00 pm – 3:15 pm
Noriyuki Ota, Masaya Murata, Yujiro Ide, Maiko Tachi, Hiroki Ito, Katsuyoshi Kanno, Hironaga Ogawa, Tomoyuki Fujita, Kisaburo Sakamoto

Mt. Fuji Shizuoka Children’s Hospital, Shizuoka, Japan

3:15 pm – 3:30 pm
36. Procedure-Based Frequency of Complications to Guide Informed Consent in Congenital Heart Surgery: An Analysis From the STS Congenital Heart Surgery Database
*Constantine Mavroudis1, Allison Siegel1, Constantine D. Mavroudis2, *Jeffery P. Jacobs3, Marshall L. Jacobs4

1Florida Hospital for Children, Orlando, FL; 2Mt. Sinai Children’s Hospital of Philadelphia, Philadelphia, PA; 3All Children’s Hospital, St. Petersburg, FL; 4Johns Hopkins University, Baltimore, MD

3:30 pm – 4:00 pm
Break—Visit Exhibits

STSA 60TH ANNUAL MEETING ADVANCE PROGRAM | 5
FRIDAY, NOVEMBER 1, 2013 (CONTINUED)

4:00 pm – 5:00 pm

THIRD SCIENTIFIC SESSION B

Simultaneous Adult Cardiac, General Thoracic, and Congenital Breakout Sessions

CME Credits Available: 1.0

ADULT CARDIAC BREAKOUT

Moderators: *Danny Chu and *Robert S. Poston

4:00 pm – 4:15 pm
37. Axillary Sidearm Cannulation for Minimally Invasive Valve Surgery: A Safe and Effective Technique
Jeffrey G. Gaca, *Donald D. Glower
Duke University Medical Center, Durham, NC

4:15 pm – 4:30 pm
38. Postoperative Atrial Fibrillation Significantly Increases Mortality, Hospital Readmission, and Hospital Costs
1University of Virginia, Charlottesville, VA; 2Inova Heart and Vascular Institute, Falls Church, VA; 3Virginia Cardiac Surgery Quality Initiative, Charlottesville, VA

4:30 pm – 4:45 pm
39. Outcomes of Redo Mitral Valve Surgery in Patients with Pulmonary Hypertension
Mario Castillo-Sang2, Tracey Guthrie2, Marc Moon2, *Jennifer S. Lawton2, Hersh Maniar2, Sunil Prasad2, Ralph J. Damiano2, Scott Silvestry2
1Medical University of South Carolina, Charleston, SC; 2Washington University School of Medicine, Saint Louis, MO

4:45 pm – 5:00 pm
40. A Contemporary "Repair All" Strategy for Degenerative Mitral Regurgitation Yields Excellent and Equivalent Outcomes in Posterior, Anterior, and Bileaflet Disease
Andrew B. Goldstone, Jessica L. Howard, William Hiesinger, John W. MacArthur, Jeffrey E. Cohen, Pavan Atluri, Y. Joseph Woo
University of Pennsylvania, Philadelphia, PA

GENERAL THORACIC BREAKOUT

Moderators: *Traves D. Crabtree and *Joshua R. Sonett

4:00 pm – 4:15 pm
41. Predictors of Early Recurrence for Node-Negative T1-T2b NSCLC
University of Virginia, Charlottesville, VA

4:15 pm – 4:30 pm
42. Fiducial Localization for Percutaneous Thoracoscopic Wedge Resection of Small Pulmonary Nodules
Emory University, Atlanta, GA

4:30 pm – 4:45 pm
43. Retention Rates of Electromagnetic Navigational Bronchoscopic Placed Fiducial Markers for Lung Radiosurgery
*Douglas Minnich, Ayesha S. Bryant, Michael Dobelbower, Richard Popple, *Robert J. Cerfolio
University of Alabama, Birmingham, AL

4:45 pm – 5:00 pm
44. Stereotactic Radiosurgery for the Treatment of Recurrent Lung Neoplasm: An Analysis of Outcomes in Over 100 Patients
*Arjun Pennathur1, James D. Luketich1, Dwight E. Heron1, Matthew J. Schuchert1, Valentino Bianco1, Steven Burton1, Ghulam Abbas1, William E. Gooding2, Chait Ozhasoglu1, *Rodney J. Landreneau1, Neil A. Christie1
1University of Pittsburgh Medical Center, Pittsburgh, PA; 2University of Pittsburgh Cancer Institute, Pittsburgh, PA

CONGENITAL BREAKOUT

Moderators: *James J. Gangemi and *Jorge D. Salazar

4:00 pm – 4:15 pm
45. Early Complete Repair of Pulmonary Atresia with Ventricular Septal Defect and Major Aortopulmonary Collaterals
Stanford University School of Medicine, Stanford, CA

4:15 pm – 4:30 pm
46. Doubly Committed Juxta-Arterial Ventricular Septal Defect: Long-Term Outcomes of the Aortic and Pulmonary Valves
Paul J. Devlin2, Hyde M. Russell2, Michael C. Monge2, Angira Patel2, Diane E. Spicer2, Robert H. Anderson2, *Carl L. Backer4
1Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL; 2University of Florida College of Medicine, Gainesville, FL; 3Newcastle University, Newcastle upon Tyne, United Kingdom

4:30 pm – 4:45 pm
47. The Correction Index: Setting the Standard for Recommending Operative Repair of Pectus Excavatum
Patrick M. Poston2, Sonali S. Patel2, Maheen Rajput3, Nicholas O. Rossi1, Mohammed S. Ghanamah3, James E. Davis3, *Joseph W. Turek1
1University of Iowa Hospitals and Clinics and Children's Hospital, Iowa City, IA; 2University of Iowa Children's Hospital, Iowa City, IA; 3University of Iowa Hospitals and Clinics, Iowa City, IA

4:45 pm – 5:00 pm
48. Targeting Anti-Factor Xa and Antithrombin III Levels Reduces Thrombotic and Bleeding Complications in Pediatric Patients on VA ECMO
Thaniyyah S. Ahmad, Scott Copus, James Jordan, Yoshio Otaki, *Ross Ungerleider, Andora Bass
Wake Forest School of Medicine, Winston-Salem, NC

5:00 pm – 6:00 pm

STSA ANNUAL BUSINESS MEETING

Members Only
GENERAL THORACIC BREAKOUT

Moderators: *Shanda H. Blackmon and *Dawn E. Jaroszewski

8:00 am – 8:15 am
53. There is Poor Survival Despite Curative Treatment of Patients with Squamous Cell Cancer of the Lung and Head and Neck
University of North Carolina, Chapel Hill, NC

8:15 am – 8:30 am
54. Role of PET Scan/Computed Tomography and Contrast Enhanced Computed Tomography in Predicting the Nature of Thymic Neoplasms
Domenico Galetta, Monica Casiraghi, Adele Tessitore, Alessandro Borri, Roberto Gasparri, Francesco Petrella, Lorenzo Spaggiari
European Institute of Oncology, Milan, Italy

8:30 am – 8:45 am
55. Transoral Endoscopic Fundoplication: Feasibility and Effectiveness for Controlling Symptoms of Gastroesophageal Reflux Disease
Michael I. Ebright, Praveen Srirad, Virginia R. Little, Chaitan Narsule, Benedict D. Daly, Hiran C. Fernando
Boston University School of Medicine, Boston, MA

8:45 am – 9:00 am
56. Postoperative Chylothorax After Pulmonary Resection and Thoracic Mediastinal Lymph Node Dissection
*Robert J. Cerfolio, Ayesha S. Bryant
University of Alabama, Birmingham, AL

TRANSPORT BREAKOUT

Moderators: *Robert D. Davis, Jr. and *Mark S. Slaughter

8:00 am – 8:15 am
57. The Effect of Recipient BMI on Functional Outcomes in Lung Transplantation
Claude A. Beaty1, Andrew Z. Mo1, Emma C. McDonnell1, Keki R. Balsara1, *Jason D. Christie2, Christian Merlo3, *Ashish S. Shah4
1Johns Hopkins University, Baltimore, MD; 2International Society for Heart and Lung Transplantation Registry, Addison, TX

8:15 am – 8:30 am
58. Does Left Ventricular Assist Device Support Improve Survival on the Heart Transplant Waiting List?
Jainin Trivedi, Ramesh Singh, Macarius Donneyong, *Matthew Williams, *Mark S. Slaughter
University of Louisville, Louisville, KY

GENERAL THORACIC BREAKOUT

Moderators: *Shanda H. Blackmon and *Dawn E. Jaroszewski

8:00 am – 8:15 am
53. There is Poor Survival Despite Curative Treatment of Patients with Squamous Cell Cancer of the Lung and Head and Neck
University of North Carolina, Chapel Hill, NC

8:15 am – 8:30 am
54. Role of PET Scan/Computed Tomography and Contrast Enhanced Computed Tomography in Predicting the Nature of Thymic Neoplasms
Domenico Galetta, Monica Casiraghi, Adele Tessitore, Alessandro Borri, Roberto Gasparri, Francesco Petrella, Lorenzo Spaggiari
European Institute of Oncology, Milan, Italy

8:30 am – 8:45 am
55. Transoral Endoscopic Fundoplication: Feasibility and Effectiveness for Controlling Symptoms of Gastroesophageal Reflux Disease
Michael I. Ebright, Praveen Srirad, Virginia R. Little, Chaitan Narsule, Benedict D. Daly, Hiran C. Fernando
Boston University School of Medicine, Boston, MA

8:45 am – 9:00 am
56. Postoperative Chylothorax After Pulmonary Resection and Thoracic Mediastinal Lymph Node Dissection
*Robert J. Cerfolio, Ayesha S. Bryant
University of Alabama, Birmingham, AL

TRANSPORT BREAKOUT

Moderators: *Robert D. Davis, Jr. and *Mark S. Slaughter

8:00 am – 8:15 am
57. The Effect of Recipient BMI on Functional Outcomes in Lung Transplantation
Claude A. Beaty1, Andrew Z. Mo1, Emma C. McDonnell1, Keki R. Balsara1, *Jason D. Christie2, Christian Merlo3, *Ashish S. Shah4
1Johns Hopkins University, Baltimore, MD; 2International Society for Heart and Lung Transplantation Registry, Addison, TX

8:15 am – 8:30 am
58. Does Left Ventricular Assist Device Support Improve Survival on the Heart Transplant Waiting List?
Jainin Trivedi, Ramesh Singh, Macarius Donneyong, *Matthew Williams, *Mark S. Slaughter
University of Louisville, Louisville, KY
9:30 am – 9:50 am
HISTORY PRESENTATION

CME Credits Available: 0.25

Moderator: *Constantine Mavroudis

65. The Contributions of E. Stanley Crawford: Mentor, Innovator, and Master of Aortic Surgery
Joseph S. Coselli, Susan Y. Green
Division of Cardiothoracic Surgery, Michael E. DeBakey Department of Surgery, Baylor College of Medicine; Texas Heart Institute at St. Luke’s Episcopal Hospital, Houston, TX

9:50 am – 12:00 pm
FOURTH SCIENTIFIC SESSION B

CME Credits Available: 2.0

Moderators: *Richard L. Prager and *Walter H. Merrill

9:50 am – 10:05 am
66. Outcomes After Substernal Reconstruction Following Esophagectomy
Thomas J. Birdas, Ndabezinhle B. Mhlope, DuyKhanh P. Ceppa, Karen M. Rieger, *Kenneth A. Kesler
Indiana University School of Medicine, Indianapolis, IN

10:05 am – 10:20 am
67. Home Visits by Hospital Nurse Practitioners Provide Better Care Continuity and Prevent Readmissions After Coronary Artery Bypass Graft Surgery
Michael H. Hall2, Rick A. Esposito2, Renee Pekmezaris2, Martin Lesser2, Donna Moravick2, Lynda Jahn3, Robert Blenderman3, Meredith Akerman2, Christian Nouryan2, Alan R. Hartman3
1North Shore University Hospital, Manhasset, NY; 2Feinstein Institute for Medical Research, Manhasset, NY; 3Hofstra North Shore/LIU School of Medicine, Hempstead, NY; 4North Shore/LIJ Health System, New Hyde Park, NY

10:20 am – 10:35 am
68. Reevaluating Mortality Measures Following Lung Cancer Resection
Yinin Hu, Kristen M. Wells, George J. Stukenborg, *Benjamin D. Kozower
University of Virginia, Charlottesville, VA

10:35 am – 10:50 am
69. Incidence of Postoperative Stroke Using the HeartstringTM Device in 1,380 CABG Patients with Mild to Severe Atherosclerosis of the Ascending Aorta
Emory University, Atlanta, GA

10:50 am – 11:05 am
70. The In Vivo Recellularization Process Does Not Differ in Polytetrofluoroethylene (PTFE) Compared to Porcine Submucosa Small Intestine (PSIS) in Human Right Ventricle to Pulmonary Outflow Tract (RVOT) Augmentation
*Randy Stevens, Judy Pascasio, Jean-Pierre de Chadarevian, Caesar I. Mesia, John D. Murphy, Vicki Mahan, Achintya Moulick
St. Christopher’s Hospital for Children, Philadelphia, PA

11:05 am – 11:20 am
71. Trends and Outcomes of Aortic Root Surgery in North America
Manuel Caceres1, Yicheng Ma2, *J. Scott Rankin2, Paramita S. Chaudhuri2, James Gammie2, Rakesh M. Suri3, *John D. Puskas4, Lars Svensson4
1Cedars Sinai Medical Center, Los Angeles, CA; 2Duke Clinical Research Institute, Durham, NC; 3Mayo Clinic, Rochester, MN; 4Cleveland Clinic Foundation, Cleveland, OH; 5Emory University, Atlanta, GA

11:20 am – 11:35 am
72. An Analysis of Esophageal Stent Placement for Persistent Leak After the Operative Repair of Intrathoracic Esophageal Perforation
*Richard K. Freeman, *Anthony J. Ascioti, Megan Dake, Raja S. Mahidhara
St. Vincent Hospital, Indianapolis, IN

11:35 am – 11:50 am
73. Contemporary Trends and Outcomes in Patients Following Repair of Complete Atrioventricular Septal Defects: An Analysis of the STS Congenital Heart Database
*James D. St. Louis1, Upinder Jodhka1, *Jeffery Jacobs2, Kevin Hill2, Max He3, Sara Pasquali4, Marshall Jacobs2
1University of Minnesota, Minneapolis, MN; 2University of South Florida, St. Petersburg, FL; 3Duke University Medical Center, Durham, NC; 4University of Michigan, Ann Arbor, MI; 5The Society of Thoracic Surgeons, Chicago, IL

11:50 am – 12:00 pm
Public Reporting of Cardiothoracic Surgical Outcomes
*Jeffrey P. Jacobs
University of South Florida, St. Petersburg, FL

12:00 pm
MEETING ADJOURNED
### MEETING LOCATION
Hyatt Regency Scottsdale Resort & Spa at Gainey Ranch
7500 East Doubletree Ranch Road
Scottsdale, AZ 85258
480.444.1234

### HOTEL INFORMATION & RESERVATIONS
The Hyatt Regency Scottsdale Resort & Spa at Gainey Ranch is the perfect destination for STSA, featuring mountain views, numerous on-site dining options, nightly entertainment, and two and a half acres of water playground.

A block of rooms will be held until October 1, 2013 at a special group rate of $209 per night (plus tax). Guest rooms at the group rate are limited, and are offered on a first-come, first-served basis; book early to secure your room at the reduced group rate. After this date, reservations will be taken on a space-available basis.

There are two ways to make your hotel reservations at the group rate:

**Online:**
Visit www.stsa.org/60thannualmeeting and click on the housing link to book your room.

**Telephone:**
Call the hotel reservations department office at 888.421.1442. To obtain the special group rate, be sure to mention that you are part of the STSA meeting.

### Hotel Deposit & Cancellation Policy:
One night’s deposit plus tax will be required for each reservation. The deposit is refundable if individual accommodations are cancelled through the hotel reservations department 48 hours prior to the date of arrival. Call the hotel reservations department directly at 888.421.1442 to cancel your reservation or follow the directions provided in your hotel confirmation to cancel online.

### CONFERENCE REGISTRATION
Register online at www.stsa.org/60thannualmeeting or complete and return the enclosed registration form. Advance registration is available until October 7, 2013. After this date you must register on-site at the Annual Meeting. Please note, there will be an additional $50 charge for attendees registering on-site.

### Registration Cancellation Policy:
Cancellation requests must be submitted in writing prior to October 7, 2013; unfortunately, we are unable to honor any subsequent requests. Refunds are subject to a $50 administrative fee.

### GETTING TO THE RESORT—TRANSPORTATION INFORMATION
The Phoenix Sky Harbor International Airport is approximately 15 miles away from the hotel. There are several ground transportation options available to and from the airport.

**Super Shuttle** offers transportation between the airport and the hotel 24-hours a day. Upon arrival at the airport, look for the island marked Van Service outside of baggage claim. A uniformed Guest Service Representative will assist you with your arrangements to the hotel. Advance reservations are not required for transport from the airport to the hotel; however, 24-hour advance notice is requested for return trips from the hotel to the airport. One-way Super Shuttle service is $22 per person. Groups larger than seven may reserve a shuttle for $80 in advance by calling 800.730.9267.

**Transtyle Sedan and SUV Service** offers 24-hour private chauffeur services in sedans that can accommodate up to four passengers and luggage and SUVs that can accommodate up to six passengers and luggage. Transtyle also offers vans and stretch limousines. Advance reservations are required and can be made by calling 800.410.5479.

### CAR RENTAL
A special car rental rate has been negotiated for STSA meeting attendees through Hertz. For reservations in the U.S. and Canada call 800.654.2240, or visit www.hertz.com. Please use the discount code, Convention Number (CV#) 04R50002, when making reservations to secure the special car rental rate.

### DIRECTIONS TO HOTEL
Exit the Phoenix Sky Harbor International Airport following signs to the 202 East. Take the 202 East to the 101 North. Continue on 101 North to the Via De Ventura Exit and turn left. Travel west for approximately 2.5 miles (Via De Ventura turns into Doubletree Ranch Road). Our Scottsdale resort will be on the right side just before Scottsdale Road.

### FOR ADDITIONAL INFORMATION
Contact STSA at 800.685.7872 or e-mail stsa@stsa.org.

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### GENERAL INFORMATION

### CME OVERVIEW

**MISSION STATEMENT:** The continuing medical education mission of the Southern Thoracic Surgical Association is to design and deliver high-quality, practical, innovative, and scientifically rigorous educational programming at its Annual Meeting in the areas of cardiovascular, general thoracic, and congenital heart surgery, as well as ethics and professionalism, leadership, and practice management.

Such educational programming is meant to advance the overall competence of cardiovascular, general thoracic, and congenital heart surgeons, and ultimately to help them improve their patient outcomes and promote patient safety.

Continuing medical education activities are presented in a variety of formats at an STSA Annual Meeting; these include [but are not limited to] presentations of peer-reviewed scientific abstracts, updates on relevant scientific research, didactic presentations, debates, video presentations, and sub-speciality-specific break-out sessions. All educational sessions include the opportunity for questions, answers, and discussion to further support the educational needs of the meeting attendees and the program learning objectives.

STSA educational activities are developed and provided with the intent of confirming an existing knowledge base, imparting new knowledge, enhancing competence in the content areas covered, and addressing identified professional practice gaps. The expected results include participants’ reporting greater confidence in their clinical care skills and a willingness to change their behavior or adapt new strategies as appropriate.

**ACCREDITATION:** The Southern Thoracic Surgical Association is accredited by the Accreditation Council for Continuing Medical Education (ACME) to provide continuing medical education for physicians. The STSA designates this educational activity for a maximum of 21.25 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**DISCLOSURE:** The STSA Education Disclosure Policy as well as a listing of relationship disclosures from leadership, staff, and presenters can be found by visiting the CME Information section of www.stsa.org.
ACTIVITIES AND ENTERTAINMENT

HOSPITALITY SUITE
Thursday, October 31 – Saturday, November 2
Time: 8:30 am – 11:30 am
Cost: Complimentary
STSA will provide a hospitality room for spouses and guests to mingle and make plans for exploring Scottsdale.

BRUSH BAR
Friday, November 1
Time: 1:15 pm – approximately 5:15 pm
Cost: $150.00 (Includes transportation, painting materials, professional instructor, first beverage, and gratuities)
Participant Requirements: Must be at least 10 years of age or older.
Advance registration by October 7th is required. Subject to cancellation if registration is insufficient. Registrants will be notified in advance and refunds will be issued if this event is cancelled. Aprons are provided, and clothing to paint in is the suggested attire.
In a relaxed social setting, an artist will guide attendees through replicating a featured painting step-by-step. Whether you are an aspiring artist or just looking to explore your creative side, every one is sure to go home with a painting that is uniquely theirs. By the end of the evening you will be amazed at the artwork you have created!

PRESIDENT’S MIXER
Friday, November 1
Time: 7:00 pm – 9:00 pm
Cost: Complimentary for Meeting Registrants
Attendees receive two tickets with registration. Additional tickets may be purchased for $25 each. Gather with fellow meeting attendees for an evening of networking and fun.

HORSEBACK RIDING TOUR
Saturday, November 2
Time: 1:00 pm – approximately 5:00 pm
Cost: $170.00 (Includes transportation, professional guide, bottled water, helmet, and gratuities)
Participant Requirements: Must be at least 7 years of age or older. Must weigh 230 pounds or less.
Advance registration by October 7th is required. Subject to cancellation if registration is insufficient. Registrants will be notified in advance and refunds will be issued if this event is cancelled.
Explore the desert on horseback for a fun adventure and glimpse of Arizona’s unique landscape and history. Participants will ride through tranquil canyons, traverse small riverbeds, and criss-cross mountain trails.
Attendees should wear closed-toe shoes, jeans or long pants, hat, sunglasses, and sunscreen. Participants will be required to sign release and liability waivers prior to the activity. This activity is not recommended for expectant mothers and individuals with serious health problems.

DEsert four WHEEL DRIVE TOUR
Saturday, November 2
Time: 1:00 pm – approximately 5:00 pm
Cost: $150.00 (Includes transportation, professional guide/driver, bottled water, and gratuities)
Advance registration by October 7th is required. Subject to cancellation if registration is insufficient. Registrants will be notified in advance and refunds will be issued if this event is cancelled.
Explore the Sonoran Desert in a 4x4 jeep during an outing that the entire family will enjoy. Cruise along dirt roads, watching birds, cacti, and other wildlife along the way, and listen as your guide explains the history, folklore, and geology of the area. Hop out and snap photos throughout the tour.
Suggested attire includes closed-toe shoes, jeans or long pants, hat, sunglasses, and sunscreen. This activity is not recommended for expectant mothers, individuals with serious health problems, and infant/toddler-aged children.

GOLF
Saturday, November 2
Location: Gainey Ranch Golf Club
Time: 12:30 pm – 1:30 pm tee times available
Cost: $240.00 (Includes greens fees, baggage handling, shared golf cart, and boxed lunch)
Limited number of tee times available—be sure to register in advance!
Play one of the preeminent golf courses in the country, exclusively available to private club members and Hyatt Regency Scottsdale Resort & Spa guests. Surrounded by incredible scenery, Gainey Ranch Golf Club offers an exciting year-round challenge for golfers of any skill level. Designed by Benz and Poellot, the Gainey Ranch Golf Club was rated one of the top 75 golf courses in the United States by Golf Digest and one of the top 100 resort golf courses in the world by Golf Magazine. The course features a varied terrain in a garden-like setting, a variety of water features, and other natural challenging hazards.
Please note the following dress code: collared shirt and long pants or Bermuda length shorts. Mock turtlenecks are acceptable. Ladies must have a collar or sleeves on their top. Shorts or skirts of appropriate length are allowed. Only soft-spiked shoes or tennis shoes are allowed on the course.
If you wish to rent clubs, please call the hotel’s golf department at 480.444.1234 ext. 5700 (club rentals fees are not included in the above cost).

ANNUAL AWARDS DINNER & DANCE
Saturday, November 2
Reception: 7:00 pm – 8:00 pm
Dinner: 8:00 pm – 11:00 pm
Cost: $100.00 per person
Conclude your STSA 60th Annual Meeting experience with the always-memorable Annual Awards Dinner & Dance. Join fellow meeting attendees for an evening of dining and dancing. Advanced registration required. A limited number of tickets will be sold on site.
The Saturday dinner will be family-oriented this year. Children are invited to come and eat with their parents (reduced rates are available for children 12 years of age or younger upon request). Tuxedos for men and formal gowns for women are encouraged, keeping with tradition, but not necessary. The dress code is optional and varied and can range from formal to business casual (tuxedo, jacket and tie, or just a sports coat for men and from evening gowns to cocktail dresses and a blouse with slacks or a skirt for women). Since the meeting falls on Halloween this year, children and parents may also wear costumes. The whole family can dress up in a theme if desired, or just the kids.

CAMP HYATT
Available daily
Camp Hyatt is available daily for children ages 3 to 12 with three session options: morning, afternoon, and full-day. Campers will explore the flora, fauna, history, and geography of the Sonoran Desert through a variety of fun, educational, and interactive programs and activities.
Space is limited. Pre-register your child to guarantee their spot prior to arrival. Walk-ins are only available at 9:00 am and are based on availability. Children must be out of diapers and training pants to attend Camp Hyatt.
For more information and registration, visit the Activities section at www.scottsdale.hyatt.com; call 480.444.1234, extension 5603; or e-mail conciergescott@hyatt.com.

BABY-SITTING SERVICES
Baby-sitting services are available through Nita Nanny. For more information, call 602.820.3304. Advanced reservations are required.

OTHER RESORT ACTIVITIES & ATTRACTIONS
Discover innumerable desert adventures during your visit to the Hyatt Regency Scottsdale Resort & Spa at Gainey Ranch. Highlights include on-property Spa Avania, tennis courts, gondola boat rides, biking and running trails, and the Native American Learning Center. Visit www.scottsdale.hyatt.com for more information.

REGISTER TODAY AT STSA.ORG