

## Curriculum Vitae for: K. Eric Sommers, MD

### Current Positions:

- July 2010-Present      President and Managing Member  
Florida Heart and Lung Surgery, PL  
4007 N. Taliaferro Ave., Suite C  
Tampa, FL 33603
- January 2012-Present    President and Managing Member  
Community Lung Screening Services of Florida, LLC  
4007 N. Taliaferro Ave., Suite C  
Tampa, FL 33603
- October 2013-Present    President  
Florida Shared Savings Solutions, Inc.  
4007 N. Taliaferro Ave., Suite C  
Tampa, FL 33603

### Current Academic Appointment:

- 2010-Present            Clinical Associate Professor  
Department of Surgery  
University of South Florida College of Medicine  
12901 Bruce B. Downs Blvd.  
Tampa, FL 33612

### Education:

- 1977-1981                Dartmouth College, Hanover, NH  
B.A. English Literature
- 1981-1986                Northwestern University Medical School, Chicago, IL  
M.D.

### Licenses:

- Pennsylvania            1986, Inactive MD 040946E
- Florida                    1996, Active ME 0074265

### Board Certifications:

- American Board of Thoracic Surgery, 1997 – 12/31/17  
American Board of Surgery, Inactive

**Postgraduate Training and Fellowship Appointments:**

- 1986-1987 Intern, General Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA. Richard L. Simmons, M.D., Chairman
- 1987-1989 Junior Resident, General Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA. Richard L. Simmons, M.D., Chairman
- 1989-1991 Resident in Surgical Research, Carnegie Mellon University, Pittsburgh, PA, Department of Biology
- 1991-1992 Resident, General Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA. Richard L. Simmons, M.D., Chairman
- 1992-1993 Chief Resident, General Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA. Richard L. Simmons, M.D., Chairman
- 1993-1995 Resident, Cardiothoracic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA. Bartley P. Griffith, M.D., Professor and Chief
- 1995 Elective Clinical Fellow, Cardiovascular Surgery, University of Toronto, Toronto, Canada, Tirone E. David, M.D., Professor and Chief
- 1995-1996 Chief Resident, Cardiothoracic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA. Bartley P. Griffith, M.D., Professor and Chief

**Academic Appointments and Employment:**

- 1989-1991 Visiting Research Biologist, University of Pittsburgh Medical Center, Pittsburgh, PA.
- 1996 Visiting Assistant Professor of Surgery, University of Pittsburgh, PA
- 1996 -2010 Assistant Professor Department of Interdisciplinary Oncology, University of South Florida
- 2008 – 2010 Assistant Member, Cardiothoracic Surgery, Thoracic Oncology Program, H. Lee Moffitt Cancer Center
- 2000 –2010 Member, Sarcoma Program, H. Lee Moffitt Cancer Center
- 2008 – 2010 Associate Member of Cardiothoracic Surgery  
Department of Thoracic Oncology  
Moffitt Cancer Center

## Service

### Service at H. Lee Moffitt Cancer Center

2002 –2004	Secretary/Treasurer, Medical Staff Executive Committee, H. Lee Moffitt Cancer Center
2004 –2006	President-elect, Medical Staff Executive Committee, H. Lee Moffitt Cancer Center
2006 – 2008	President, Medical Staff Executive Committee, H. Lee Moffitt Cancer Center
2006 - 2008	Director, VADS Program, H. Lee Moffitt Cancer Center
2008 – 2010	O. R. Block Committee, H. Lee Moffitt Cancer Center
2008 – 2010	O. R. Management Committee, H. Lee Moffitt Cancer Center
2008 – 2010	First Case Starts Team, H. Lee Moffitt Cancer Center

### Service at University of South Florida

2005 – 2008	Member, University of South Florida Physicians Group (USFPG) Credentials Committee
2007 - 2008	Member, USFPG Self Insurance Program Risk Management Committee University of South Florida

### Service at Tampa General Hospital

1998 -2001	Surgical Director, Cardiac Transplant Program, Tampa General Hospital
1999-2001	Surgical Director, Lung Transplant Program, Tampa General Hospital
2013 – Present	Medical Director of the Cardiac/Vascular Telemetry (3H) Unit & Thoracic Robotic Surgery Services at Tampa General Hospital

## **Teaching Experience**

### **National Symposia**

Cardiac Transplantation: Overview of Today's Services and Tomorrow's Opportunities –Morton Plant Hospital Medical Surgical Conference, Clearwater, FL, 5/26/98

Patient Device Selection and Management of a Successful VAD program, The Society of Thoracic Surgeons 36<sup>th</sup> Annual Meeting, Ft. Lauderdale, FL, 1/29/00

Lung Cancer: “Modern surgical approaches” presented February 2, 2001, Joint Cancer Conference of the FL Universities, Orlando, Florida

“Post cardiectomy failure: the dead & near dead heart” presented February 25, 2001, Florida Society of Thoracic and Cardiovascular Surgeons 2001 Annual Meeting, Aventura, Florida.

Neo-adjuvant Treatment for N2 NSCLC: Point/Counterpoint. Moffitt Comprehensive Lung Cancer Conference, Duck Key, FL, 2/7/03

**Teaching and Training Experience:**

**Medical Students:**

2006 – 2010                      University of South Florida  
Interdisciplinary Oncology Clerkship BCC 8117  
Clinic Supervisor  
4<sup>th</sup> Year Medical Students

2007                                University of South Florida  
ABSITE Lecture Review Series  
Title: Congenital Heart Disease/Endocrine  
Co-Lecturer

**Fellows:**

2006 – 2010                      Surgical Oncology Fellows Rotation  
Training and Supervision of Cardiothoracic Fellows, H. Lee Moffitt  
Cancer Center, Thoracic Surgery Service

**Residents:**

2006 – 2010                      Training and Supervision of Cardiothoracic Residents, H. Lee Moffitt  
Cancer Center, Thoracic Surgery Service

**Faculty Mentoring:**

Surgical Residents Teaching Conferences in Department of Surgery at H. Lee Moffitt Cancer Center & Research Institute

Supervision of Department of Surgery residents at H. Lee Moffitt Cancer Center & Research Institute, VAMC and Tampa General Hospital

Surgical Resident Thoracic Conference in Department of Surgery Didactic Lecture Series

**Honors and Awards**

Dartmouth Premedical Society Grant, Project Site: Roxas City, Philippines, 1980

NCI Surgical Clerkship, National Institute of Health, Bethesda, Maryland, 1985

“Plato’s cave revisited: A dialogue concerning medical epistemology”, Honorable mention, AOA National Essay Competition, 1986.

NIH National Research Service Award, Project Title: “Cardiac Surgery and Stunned Myocardium: Ca<sup>2+</sup> and Energetics”, 1989-1991

The Thoracic Surgery Foundation for Research and Education, 1996 Alley-Sheridan Scholarship Program for Continuing Education, Kennedy School of Government, Harvard University

Named to Best Doctors in America, 2011-2012.

### **Research Support**

#### **Completed:**

PI: K.E. Sommers  
Dates: 1989-1991  
Source: NIH NRSA  
Title: “Cardiac Surgery and Stunned Myocardium: CA<sup>2+</sup> and Energetics”.  
Total Amount of Award: \$21,000

PI: K.E. Sommers  
Dates: 2005  
Source: St. Jude Medical  
Title: Tissue Valve Research  
Total Amount of Award: \$5,000

### **Patents**

del Nido PJ, Cao-Danh C, **Sommers KE**, and Ohkado A: An Aqueous Heart Preservation and Cardioplegia Solution. United States Patent # 5,407,793, patent date Apr. 18, 1995.

**Sommers KE**, Keeling, WB: Stentless Mitral Valve, provisional application pending.

#### **Professional:**

1999 – present	<b>Ad Hoc Reviewer</b> , The Journal of Heart & Lung Transplantation
2000 – present	<b>Ad Hoc Reviewer</b> , Annals of Thoracic Surgery
2008 – present	<b>Ad Hoc Reviewer</b> , Journal of Heart Valve Disease

### **Professional Association Memberships**

**Fellow**, American College of Surgeons  
**Member**, American Board of Thoracic Surgery  
**Member**, American Association for Advancement of Science  
**Member**, The Florida Society of Thoracic & Cardiovascular Surgeons  
**Member**, The Society of Thoracic Surgeons  
**Member**, Southern Thoracic Surgical Association  
**Member**, General Thoracic Surgical Club  
**Member**, American College of Chest Physicians  
**Member**, The International Association for the Study of Lung Cancer

### **Invited/Peer-Reviewed Publications**

#### **Book Chapters**

**Sommers KE** and Watson CG: "The Adrenal Gland" in The Scientific Basis of Surgery Chapter 19, eds. Simmons RL and Steed DL. WB Saunders: Philadelphia, 1992.

Sommers HM and **Sommers KE**: Laboratory procedures in the diagnosis of thoracic diseases in General Thoracic Surgery, 4th Edition Chapter 15, ed. Shields TW. Lea and Febiger: Philadelphia, 1994.

Ruckdeschel JC, Greene J, **Sommers KE**, Fields KK: "Complications of Cancer & its Treatment: Respiratory Complications" in Cancer Medicine Chapter 153, eds Kufe DW, Pollock RE, Weichselbaum RR, Bast RC, Gansler TS, Holland JF, Frei E, Decker BC: London 2003.

#### **Articles and Invited Manuscripts**

Smith LJ, **Sommers KE**, Hunt CE and Pachman L: Hyperoxic lung injury in mice: a possible protective role for prostacyclin. J Lab Clin Med 1986; 108:419-488.

**Sommers KE**: Plato's cave revisited. A dialogue concerning medical epistemology. Pharos 1987; 50(1): 8-10.

**Sommers KE**, Simplaceanu E, Siewers RD, Ho C, and del Nido JP: Pyruvate improves postischemic myocardial function and ATP recovery: A <sup>31</sup>P NMR spectroscopy study. Surg Forum 1990; 41:241-43.

**Sommers KE**, Ohkado A, Simplaceanu E, Wise B, Koretsky AP, Ho C, and del Nido PJ: Pyruvate improves postischemic contractile function, energetic efficiency, and calcium regulation. Surg Forum 1991; 42:247-49.

Ohkado A, **Sommers KE**, Cao-Danh H, and del Nido PJ: Successful prolonged myocardial preservation with a highly buffered arresting solution. Surg Forum 1991; 42:293-95.

**Sommers KE**, Ohkado A, Simplaceanu E, Koretsky AP, Ho C, and del Nido PJ: The role of magnesium in postischemic cardiac dysfunction. Surgery 1992; 112(2):159-65.

Ohkado A, Cao-Danh H, **Sommers KE**, and del Nido PJ: Twenty-four hour myocardial preservation with cardioplegia buffering. Surg Forum 1992; 43:319-21.

**Sommers KE**, Landreneau RJ, Fuhrman C, Hazelrigg SR, Keenan RJ, and Ferson PF: The role of video-assisted thoracic surgery in the management of fungal diseases. Chest Surg Clin No Amer 1993; 3:743-56.

Ohkado A, **Sommers KE**: Buffering capacity of histidine in cardioplegia analyzed by Myocardial production of lactate and alanine. Kyobu Geka 1993; 46(12):1021-4.

Ohkado A, Cao-Danh H, **Sommers KE**, and del Nido PJ: Evaluation of a highly buffered, low calcium solution for long-term preservation of the heart. Comparison with University of Wisconsin solution. J Thorac Cardiovasc Surg 1994; 108(4):762-771.

**Sommers KE**, Edmundowicz D, Katz W, Hattler BG: Primary cardiac lymphoma: echocardiographic characterization and successful resection. Ann Thor Surg 1996; 61(3):1001-3.

Luketich JD, Westkaemper J, **Sommers KE**, Ferson PF, Keenan RJ, Landreneau RJ: Bronchoesophagopleural fistula after photodynamic therapy for malignant mesothelioma. Ann Thor Surg 1996; 62(1):283-4.

**Sommers KE**, Griffith BP, Hardesty RL, Keenan RJ: Early lung allograft function in twin recipients from the same donor: risk factor analysis. Ann Thor Surg 1996; 62(3):784-90.

Luketich JD, **Sommers KE**, Griffith BP, Boujoukos A, Ferson PF, Keenan RJ: Successful management of secondary aortoesophageal fistula. Ann Thor Surg 1996; 62(6):1852-4.

**Sommers KE**, David TE: Aortic valve replacement with patch enlargement of the aortic annulus. Ann Thor Surg 1997; 63(6):1608-12.

Ninan M, Landreneau RJ, **Sommers KE**, Tobias J, Luketich JD, Ferson PF, Keenan RJ, Weyant RJ: Standardized exercise oximetry predicts postpneumonectomy outcome. Ann Thor Surg 1997; 64(2):328-33.

**Sommers KE**, Anderson MB: Thoracic complications in solid organ transplantation. Chest Surg Clin N Am. 1999; 9(1):125-38.

Weston MW, Spoto E, **Sommers, KE**, Sears N, Novitsky-Stenting unperfected left main coronary artery stenosis in heart transplant patients. The Good, Bad, and Ugly, The Journal of Heart and Lung Transplantation 2001; 20 (11) 1228-32.

Simon GR, Ruckdeschel JC, Williams C, Cantor AB, Chiappori A, Rocha-Lima CM, Antonia S, Haura E, Wagner H MD, Robinson L, MD, **Sommers KE**, Alberts WM, and Bepler G. Gefitinib (Iressa, ZD1839) in previously Treated Advanced Non-Small Cell Lung Cancer: Experience from a single institution. Cancer Control 2003; 10: 1 to 8.

Bepler G, Sharma S, Cantor A, Gautam A, Haura E, Simon G, Sharma A, **Sommers KE** and Robinson L. RRM1 and PTEN as prognostic parameters for overall and disease-free survival in patients with Non-Small Cell Lung Cancer. Journal of Clinical Oncology. 2004; 22(10): 1878-1885.

Maxey TS, Keeling WB, **Sommers KE**. Surgical alternatives for the palliation of heart failure: a prospectus. *J Card Fail*. 2005 Dec; 11(9):670-6.

Ramnath N, **Sommers KE**, Robinson LA, Nwogu C, Sharma A, Cantor A, Bepler G. Phase II study of neoadjuvant chemotherapy with gemcitabine and vinorelbine in resectable non-small cell lung cancer. *Chest* 2005; 128:3467-3474.

Bepler G, Zheng Z, Gautam A, Sharma S, Cantor A, Sharma A, Cress WD, Kim YC, Rosell, Rafael, McBride C, Robinson L, **Sommers KE**, Haura E. Ribonucleotide reductase M1 gene promoter activity, polymorphisms, population frequencies, and clinical relevance. *Lung Cancer* 2005; 47:183-192.

Bepler G, Li X, Sharma A, Greenberg H, Cantor A, Hazelton T, Walsh F, Chiappori A, Williams Ch, Antonia S, Haura E, Tanvetyanon T, Robinson L, **Sommers KE**, Alberts M, and Simon GR. The Clinical Value of Tumoral RRM1 and ERCC1 Expression for Treatment Response and Therapeutic Decisions in Non-Small-Cell Lung Cancer. *ASCO Educational Book*. 2006

Keeling, WB, **Sommers KE**, Garrett JR, Vohra N, Maxey TS, Blazick E. Bedside modified Clagett procedure for empyema following pulmonary resection. *The American Surgeon*. 2006 Jul; 72(7):627-30.

Keeling, WB, **Sommers KE**, Garrett JR, Lewis V, Maxey TS, Blazick E. Routine Evaluation for Aspiration Following Thoracotomy for Pulmonary Resection. *Annals of Thoracic Surgery*. 2007 Jan; 83(1):193-6.

Keeling, WB, Maxey TS, Sayad D, Martini N, Blazick E, **Sommers KE**. A novel stentless mitral valve. *Surg Innov*. 2007 Mar; 14(1):9-11

Jain Surbhi, **Sommers KE**, Setzer Matthias, Vrionis Frank. Posterior midline approach for single-stage en bloc resection and circumferential spinal stabilization for locally advanced Pancoast tumors. *Journal of Neurosurgery: Spine* 9:71-82, 2008

Bepler G, Zhou J, **Sommers KE**, Cantor, A, Li X, Sharma A, Robinson LA. Clinical efficacy and predictive molecular markers of neoadjuvant gemcitabine and pemetrexed in resectable non-small cell lung cancer. *J Thorac Oncol*, 2008 Oct; 3 (10):1112-8.

Keeling WB, Hernandez J, Lewis V, Czapla M., Zhu W, Garrett J, **Sommers KE**. Age is an Independent Risk Factor for Aspiration Following Thoracotomy for Pulmonary Resection. *Journal of Thoracic and Cardiovascular Surgery*; 2010 Sep; 140(3):573-7. Epub 2010 May 27. Gray J, **Sommers E**, Alvelo-Rivera M, Robinson L, Bepler G, Neoadjuvant Chemotherapy for Resectable Non-Small-Cell Lung Cancer, *Oncology*, 2009; 23:879-96

Tanvetyanon T, Robinson L, **Sommers KE**, Haura E, Kim J, Altiock S, Bepler G, Relationship Between Tumor Size and Survival Among Patients With Resection of Multiple Synchronous Lung Cancers. *Journal of Thoracic Oncology* 2010 July; 5 (7) 1018-1024

Hernandez J, Humphries LA, Keeling B, Golkar F, Dimou F, Garrett J, **Sommers KE**, Robotic Lobectomy: Flattening The Learning Curve, *Journal of Robotic Surgery*, 2010, October



Haura EB, **Sommers E**, Song L, Chiappori A, Becker A; A Pilot Study of Preoperative Gefitinib for Early-Stage Lung Cancer to Assess Intratumor Drug Concentration and Pathways Mediating Primary Resistance. *J Thorac Oncol.* 2010 Nov; 5(11):1806-14

Adams D, Bolton W, Stephenson J, Henry G, Robbins T, **Sommers E**, Initial Multicenter Community Robotic Lobectomy Experience: Comparisons to a National Database, *Annals of Thoracic Surgery* 2014, June; 97:1893-900

Mangar D, Sprenker C, **Sommers K**, Socias S, et al. Inhalation Vs Total Intravenous Anesthesia For Robotic Assisted Thymectomy, *Journal of Anesthesia & Critical Care Open Access* 2014, July; 1 (3); 00014

### Other Publications

**Sommers, KE**, "Risky Cosmetic Surgery Business" Op-ed piece, *St. Petersburg Times.* 8/12/00

### Abstracts

**Sommers KE**, Simplaceanu E, Siewers RD, Ho C, and del Nido PJ: The role of calcium in myocardial contracture. *J Mol Cell Cardiol* 1990; 20(I):36.

**Sommers KE**, Nakamura H, Simplaceanu E, Siewers RD, and del Nido PJ: Function and energetics in postischemic myocardium. *J Mol Cell Cardiol* 1991; 23(III):544.

Ohkado A, Cao-Danh H, **Sommers KE**, Morse E, and del Nido PJ: The effect of anaerobic glycolysis and lactate accumulation in the ischemic heart. *J Mol Cell Cardiol* 1992; 23 (III):S51.

Keenan R, Zeevi A, Banas R, **Sommers KE**, Spichy K, Yousem S, Kocova M, Trucco M, Starzl T, and Griffith B: Micro-chimerism is associated with a lower incidence of chronic rejection after lung transplantation. *J Heart Lung Transplant* 1994; 13:A9.

Hamburger A, **Sommers K**, Gryczynski Z, and Lakowicz JR: Fluorescence lifetime measurements of NADH and tryptophan in intact ischemic rabbit myocardium. *Proceedings of SPIE* 1999; 3600:49.

Anderson MB, **Sommers KE**, and Pham SM: Ventricular assist device in support for acute graft failure following heart transplantation using the Abiomed BVS 5000: *CT Transpl. 2001: An International Update*, Vail, Colorado; Feb. 2001.

Bepler G, Sharma S, Cantor A, Gautam A, Haura E, Simon G, Sharma A, **Sommers K**, Robinson, L: RRM1 and PTEN as prognostic parameters for overall and disease-free survival in patients with non-small-cell lung cancer: *Journal of Clinical Oncology*, Alexandria, Virginia May 2004.

**Sommers KE**, Garrett J, Hernandez J.; "Robotic Lobectomy: Flattening The Learning Curve" *General Thoracic Surgical Club*, presented March, 2010.

**Sommers KE**, Alvelo-Rivera M, Garrett J, Hernandez J, Golkar, F: “Aquamantys Tissue Link: A New Hemostatic Option in High Risk Thoracic Surgery Patients”, General Thoracic Surgical Club, presented March, 2010.

Prowler V, Hernandez J, **Sommers KE**; “Colonic Hiatal Herniation Following Esophagogastrectomy”, Southeastern Surgical Congress, accepted to be presented at the 2012 Annual Scientific Meeting, Birmingham, Alabama, February, 2012.

Adams D, Bolton W, Stephenson J, Henry G, Robbins T, **Sommers E**, “Initial Multicenter Community Robotic Lobectomy Experience: Comparisons to a National Database” presented at the 60<sup>th</sup> Annual Meeting of the Southern Thoracic Surgical Association, Scottsdale, Arizona, October 30 – November 2, 2013.

### Presentations

“Acute appendicitis in pregnancy” presented November 4, 1988, American College of Surgeons, Southwestern Pennsylvania Chapter Residents’ Day, Pittsburgh, Pennsylvania.

“Pyruvate improves postischemic myocardial function and ATP recovery: A <sup>31</sup>P NMR spectroscopy study” presented October 22, 1990, American College of Surgeons Surgical Forum, San Francisco, California.

“Pyruvate improves postischemic contractile function, energetic efficiency, and calcium regulation” presented October 26, 1991, American College of Surgeons Surgical Forum, Chicago, Illinois

“Routine evaluation for aspiration following thoracotomy for pulmonary resection” presented March 9 – 11, 2006, General Thoracic Surgical Club, Tucson, AZ.

“The role of magnesium in postischemic myocardial dysfunction” presented February 26, 1992, Society of University Surgeons meeting, Cincinnati, Ohio.

“Twenty-four hour myocardial preservation with cardioplegia buffering” presented October 25, 1993, American College of Surgeons Surgical Forum, New Orleans, Louisiana.

“Impact of donor and recipient risk factors on early graft function in ‘twin’ recipients from the same donor” presented January 29, 1996, Society of Thoracic Surgeons, Orlando, Florida.

“Aortic annulus enlargement for aortic valve replacement” presented November 8, 1996, Southern Thoracic Surgical Association 43<sup>rd</sup> Annual Meeting, Cancun, Mexico.

“Fluorescence lifetime measurements of NADH and tryptophan in intact ischemic rabbit myocardium” presented January 26, 1999, Photonics West, San Jose, California.

“Ventricular support with the Abiomed BVS 5000: 40 consecutive cases” presented October 1-2, 1999, The Cleveland Clinic Foundation Heart Failure Summit V Symposium, Cleveland, Ohio.

“Patient device selection and management of a successful VAD program” presented January 29, 2000, The Society of Thoracic Surgeons 36<sup>th</sup> Annual Meeting, Ft. Lauderdale, Florida.

Lung Cancer: “Modern surgical approaches” presented February 2, 2001, Joint Cancer Conference of the FL Universities, Orlando, Florida

“Post cardiectomy failure: the dead & near dead heart” presented February 25, 2001, Florida Society of Thoracic and Cardiovascular Surgeons 2001 Annual Meeting, Aventura, Florida.

“Pulmonary resection in patients with emphysema and extremely poor pulmonary function”, Cardiac and General Thoracic Surgery Update 2004, December 10 – 12, 2004, Scottsdale, AZ.

“Beside modified Clagett procedure for empyema following pulmonary resection”, Southeastern Surgical Congress, February 18 – 21, 2006, Lake Buena Vista, FL.

“Extended Pulmonary Resection for Non-Small Cell Lung Cancer, New Advances in Neuro-Oncology and Thoracic Oncology”, September 12-13, 2008, Sarasota, FL

“Lung Cancer Updates for the 21<sup>st</sup> Century”, 11<sup>th</sup> Annual Association of Physician Assistants in Oncology Conference, October 2-5, 2008, Denver, CO.

“Age is an Independent Risk Factor for Aspiration Following Thoracotomy for Pulmonary Resection” Keeling WB, Hernandez J, Lewis V, Czaplak M., Zhu W, Garrett J, **Sommers KE**, presented by W. Brent Keeling in the Resident Competition at the AATS, May 9-13, 2009, Boston, MA.

“Robotic Lobectomy: Flattening The Learning Curve” 23<sup>rd</sup> Annual Meeting of the General Thoracic Surgical Club, March 11-14, 2010, Carlsbad, CA.

“Aquamantys Tissue Link: A New Hemostatic Option in High Risk Thoracic Surgery Patients”, 23<sup>rd</sup> Annual Meeting of the General Thoracic Surgical Club, March 11-14, 2010, Carlsbad, CA.

“Transition from VATS to Robot-Assisted Pulmonary Resection”, Miami Robotics Symposium, October 13-16, 2010, Miami, FL.

“The New World of Curative Lung Cancer Therapeutics: Screening, Robotics, and SBRT”, 2<sup>nd</sup> Annual Miami Robotics Symposium, February 16-18, 2012, Miami, FL.

### **Invited Seminars**

Bayfront Medical Center’s Grand Rounds, St. Petersburg, FL, ***Complex Pleural Disease*** -, 01/1997

Columbia/HCA, ***Complex Pleural Disease***, New Port Richey, FL, New Port Richey Hospital’s Grand Rounds, 01/1997.

Tampa General Hospital’s Surgical Grand Rounds, Tampa, FL, ***Surgical Approaches to End Stage Lung Disease*** , 01/1997

Bon Secours-St. Joseph Hospital’s CME Program, Port Charlotte, FL, ***Common Thoracic Surgical Problems (Part I)***, 02/1997

Bay Pines VA Medical Center's Surgical Grand Rounds, Bay Pines, FL, *New Options in Aortic Valve Surgery*, 03/1997

Columbia Regional Medical, Center Bayonet Point, Hudson, FL *New Options in Aortic Valve Surgery*, 03/1997

St. Anthony's Hospital's CME Program, St. Petersburg, FL, *Complex Pleural Disease*, 04/1997

Bon Secours-St. Joseph Hospital's CME Program, Port Charlotte, FL, *Common Thoracic Surgical Problems (Part II)*, 06/1997

Tampa General Hospital's Surgical Grand Rounds, Tampa, FL, *Approaches to End Stage Lung Disease*, 11/1997

Morton Plant Hospital Medical Surgical Conference, Clearwater, FL, *Cardiac Transplantation: Overview of Today's Services and Tomorrow's Opportunities*, 05/1998

The Society of Thoracic Surgeons 36<sup>th</sup> Annual Meeting, Ft. Lauderdale, FL, *Patient Device Selection and Management of a Successful VAD program*, 01/2000

Joint Cancer Conference of the Florida Universities, Orlando, FL, *Lung Cancer: Modern Surgical approaches*, 02/2001

FL Society of Thoracic and Cardiovascular Surgeons 2001 Annual Meeting, Aventura, FL, *Post Cardiotomy Failure: The Dead & Near Dead Heart*, 02/2001

Point/Counterpoint: Moffitt Comprehensive Lung Cancer Conference, Duck Key, FL, *Neoadjuvant Treatment for N2 NSCLC*, 02/2003

#### **Other Education:**

Executive Program in Health Care Policy, "Coping with the Health Care Revolution", John F. Kennedy School of Government, Harvard University, 1996.

Time-Resolved Fluorescence Spectroscopy, University of Maryland at Baltimore College of Medicine, 1998.

Laser safety and clinical applications, UPMC 6/1994, Passed

Minimal Access Surgery for Thoracic Malignancies NIH Grant, Credentialed Surgeon

Eastern Cooperative Oncology Group, Thoracic Surgeon

UNOS Heart and Lung Transplant Surgeon, Credentialed Surgeon

DaVinci Robotic Training, City of Hope, Los Angeles, CA, 2/22/09 – 2/24/09.

Tampa General Hospital Staff Leadership Conference, Ritz Carlton Hotel, Orlando, FL 3/11/11 – 3/13/11.