



- Founder/Director, Cardiac Surgery, Baptist Hospital, Pensacola, FL, 1998-2003
- Director, Cardiothoracic Surgery, Sacred Heart Hospital, Pensacola, FL, 1998-2003

**9. Licensures**

- Michigan license # 4301055640, 1990, inactive
- Florida license # ME 0062635, 1992, active
- Alabama license # 19848, 1996, active
- Pennsylvania temporary license # TL000823L, 1999, inactive
- Massachusetts temporary license # 206412, 2000, inactive
- Georgia license # 28697, 2003, active

**10. Specialty Boards**

- Federal Licensure Examination, 1986
- American Board of Surgery #36058, issued Feb 26, 1991
- American Board of Thoracic Surgery #5427, issued June 4, 1993, re-certified, Dec 5, 2001

**11. Education**

- AB (Philosophy), Duke University, Durham, NC, 1976-1980
- Postgraduate study, Duke University, 1980-1981
- MD, University of North Carolina School of Medicine, Chapel Hill, NC, 1981-1985
- MBA, Emory University, Goizueta Business School, Atlanta, GA, 2006-2008

**12. Postgraduate Training**

- Emory University Affiliate Hospitals, Atlanta, GA, Internship-General Surgery, 1985-1986
- Emory University Affiliate Hospitals, Atlanta, GA, Residency-General Surgery, 1986-1989
- Emory University Affiliate Hospitals, Atlanta, GA, Chief Resident-General Surgery, 1989-1990
- University of Michigan Hospitals, Ann Arbor, MI, Fellowship-Cardiothoracic Surgery, 1990-1992

**13. Military or Government Service**

- Circulatory Devices Panel of the Medical Devices Advisory Committee, Center for Device and Radiological Health, Food and Drug Administration, Washington, DC, 2005-present

**14. Committee Memberships**

a. National and International

1. Executive Committee and Board of Directors, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), 2007-present
2. AATS/STS Work Force on Evaluation of New Technology, 2003-present
3. Co-chair, AATS/STS Task Force on Percutaneous Valve Technology, 2004-2005
4. Tech-Con AATS/STS Workforce, 2008-present
5. STS Program Committee, Tech-Con Co-Director, 2009-present
6. Heart Valve Society of America, Therapeutic Interventions Council, 2005-2007

b. State

1. Executive Council, FL Society of Thoracic & Cardiovascular Surgeons, 1995-2001
2. Society of Thoracic Surgeons Representative to the Carrier Advisory Committee (Georgia) for the Center of Medicare and Medicaid Services (CMS) 2005-present

c. Institutional

Emory University:

1. Emory University Hospital Operating Room Committee, 2005-2008

Emory Heart and Vascular Center:

1. Coronary Vascular Disease Committee, 2006-2008  
Sacred Heart Hospital, Pensacola, FL:
  1. Blood Bank Committee, 1993-1996
  2. Trauma Committee, 1996-1999
  3. Intensive Care Committee, 1999-2002Baptist Hospital, Pensacola, FL:
  1. Surgical Services Committee, 1995-1998
  2. Intensive Care Committee, 1998-2002Cardiology Consultants, PA, Pensacola, FL:
  1. Executive Committee, 1998-2003Duke University:
  1. Alumni Admissions Advisory Committee, 2004-present

#### 15. Consulting Positions

- Computer Motion Incorporated, Goleta, CA, 1998-2003
- Quest Medical Incorporated, Atlanta, GA, 1999-2002
- Medtronic Incorporated, Minneapolis, MN, 2001-2004
- Guidant Corporation, Santa Clara, CA, 2003-2006
- Estech Corporation, Danville, CA, 2004-2005
- Valleylab (Tyco Healthcare), Boulder, CO, 2004-2007
- Institute of Human and Machine Cognition, Pensacola, FL, 2000-present
- Circulatory Devices Panel and Anesthesiology and Respiratory Devices Panel of the Medical Devices Advisory Committee, Center for Device and Radiological Health, Food and Drug Administration, Washington, DC, 2005-present
- Maquet Cardiovascular (formerly Guidant/Boston Scientific Corp.), Bridgewater, NJ, 2006-present
- Heart Leaflet Technologies Inc., Medical Advisory Board, Minneapolis, MN, 2008- present.
- Paracor Inc., PEERLESS-HF Pivotal Trial Steering Committee, Sunnyvale, CA, 2009-present.

#### 16. Editorships and Editorial Boards

- Editorial Board, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), 2001-2007.
- Editorial Board, The Heart Surgery Forum, 2001-present

#### 17. Manuscript Reviewer

- Circulation
- Annals of Thoracic Surgery
- Journal of Thoracic and Cardiovascular Surgery
- The Heart Surgery Forum
- Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery
- International Journal of Cardiology
- Future Medicine Publication Series

#### 18. Honors and Awards

- Bausch and Lomb Science Award, 1976
- Cum laude, A.B., Duke University, 1980
- Medical Research Award, University of North Carolina, 1984
- Founder: Cardiac Surgery program, Cardiology Consultants, Pensacola, FL, 1993
- Performed first homograft implantation in NW Florida, 1995
- Established first minimally invasive cardiac program in NW Florida, 1997
- Performed first robotic-assisted cardiac procedure in Florida, 1998

- Founder: Baptist Hospital cardiac surgery program, Pensacola, FL, 1998
- Performed world's first totally endoscopic CAB with Zeus, Moscow, Russia, 1999
- American Heart Association, Pensacola Heart Ball, Honorary Chairman, 2000
- "Computer World" Excellence Award, 2001
- Performed first robotic internal mammary artery harvest in United States with Zeus, 2001
- "Computer World" Excellence Award, 2002
- One of three best abstracts, Cardiothoracic Techniques and Technologies (CTT) Annual Meeting, 2003
- Wallace H. Coulter Translational/Clinical Research Grant Recipient, 2004
- Wallace H. Coulter Translational/Clinical Research Grant Recipient, 2005
- Southern Thoracic Surgical Association (STSA) President's Award for best scientific paper, 2005
- Georgia Research Alliance Venture Lab Phase I Grant Recipient, 2005
- University Research Committee Grant Award, 2006
- Georgia Research Alliance Venture Lab Phase II Grant Recipient, 2006
- Beta Gamma Sigma Honor Society, Goizueta Business School, 2008

#### 19. Society Memberships

- American Medical Association (AMA), 1985-1992
- Georgia Medical Society, 1985-1990
- Medical Association of Atlanta, 1985-1990
- Fellow, American College of Surgeons (FACS), 1988-present
- Fellow, Society of Thoracic Surgeons (STS), 1990-present
- Work Force on Evaluation of New Technology, 2003-present
- Co-chair, Task Force on Percutaneous Valve Technology, 2004-2005
- John Alexander Society, University of Michigan, 1992-present
- Florida Medical Society, 1992-2003
- Pensacola Surgical Society, 1993-2002
- Escambia County Medical Society, 1993-2003
- Fellow, American College of Cardiology (FACC), 1995-present
- Fellow, American College of Chest Physicians (FACCP), 1995-present
- Florida Society of Thoracic and Cardiovascular Surgeons, Executive Councilor, 1995-2001
- Southern Thoracic Surgical Society (STSA), 1996-present
- Asian Society of Thoracic and Cardiovascular Surgery, 2002-2004
- International Society of Minimally Invasive Cardiothoracic Surgery (ISMICS), 2002-present
- European Association for Cardiothoracic Surgery (EACTS), 2002-present
- Heart Valve Society of America (HVSA), 2005-present

#### 20. Organization of National or International Conferences

- Conference Director, Key Issues in the Development of Percutaneous Heart Valve Technology (STS/AATS/SCAI/FDA/CMS), Washington, DC, April 22, 2004
- Program Committee, Annual Scientific Meeting, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), June, 2005
- Program Committee and Chair of Poster Sessions, Annual Scientific Meeting, International Society for Minimally Invasive Cardiothoracic Surgery (ISMICS), June, 2006
- Co-Director of Tech-Con Conference of STS, Fort Lauderdale, FL, January 2010

#### 21. Ongoing Research

- THE PARTNER TRIAL: Placement of Aortic Transcatheter Valves Trial: Edwards SAPIEN™ Transcatheter Heart Valve. Co-investigator (Edwards Lifesciences)

- Development of a Set of Devices and Techniques for the Minimally Invasive Treatment of Aortic Stenosis. Co-principle investigators: Thomas A. Vassiliades, MD (Inventor), Ajit Yoganathan, PhD (Wallace H. Coulter Foundation, Translational Research Grant, Georgia Institute of Technology; Georgia Research Alliance Venture Lab Grant)
- EVEREST Percutaneous Mitral Valve Repair. Local Principle Investigators: Peter Block, MD and Thomas A. Vassiliades, MD (Evalve Corp.)
- Multisensory/Multimodal Interfaces for Robotic Surgery: Anil Raj, MD, Thomas A. Vassiliades, MD, Robert Wilson, (Institute of Human and Machine Cognition)
- Evaluation of a Novel Device Platform to Prevent and Treat Congestive Heart Failure. PEERLESS-HF Pivotal Trial. Local Principle Investigators: Andrew Smith, MD and Thomas A. Vassiliades, MD (Paracor Medical Inc.)
- Development of a Novel Off-pump Device for the treatment of Functional Mitral Regurgitation. Consultant. (Maquet Cardiovascular).

## 22. U.S. Patents

- Tissue Spreader with Force Measurement, Force Indication or Force Limitation. U.S. Patent 6,730,021 (5/4/2004)
- A New Apicoaortic Connector System and Method for Using. U.S. Patent Pending
- Surgical Instruments and Methods for use in reduced-access surgical sites. U.S. Patent Pending
- A New Apicoaortic Connector System and Method for Using. Continuation-in-part U.S. Patent Pending
- Vascular Conduit and System for Implanting. U.S. Patent Pending
- Vascular Access to Extra-vascular Space. U.S. Patent Pending

## 23. Grant Support

- Wallace H. Coulter Translational Research Seed Grants (\$200,000) 2004-2005 and 2005-2006
- Guidant Corporation Research Grant (\$30,000) 2005
- Georgia Research Alliance Venture Lab Grant Phase I (\$42,000) 2005 - 2006
- University Research Committee (\$23,100) 2006
- Georgia Research Alliance Venture Lab Grant Phase II (\$200,000) 2006-2007

## 24. Formal Teaching

- Co-Director of Advanced Techniques in Coronary Revascularization STS University Course. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 30, 2008.
- Director, Emory Cardiac Thoracoscopy Course. 2004-2005.
- Faculty, Clinical Seminar Series, Georgia Institute of Technology. 2005-present

## 25. Training Programs

- Co-Director of Advanced Techniques in Coronary Revascularization STS University Course. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 28, 2009.
- Co-Director of Advanced Techniques in Coronary Revascularization STS University Course. Society of Thoracic Surgeons Annual Meeting. Fort Lauderdale, FL. January 30, 2008.
- Emory Cardiac Thoracoscopy Course. Director and Faculty. Atlanta, GA, Sept 14-15, 2005, Feb 17-18, 2005, Dec 9-10, 2004
- Cardiac Surgery Fellows Course, Faculty, Atlanta, GA, Dec 4-5, 2004
- Multi-vessel Closed Chest CAB. Faculty, Cardiac Surgery Fellows Course. Minneapolis, MN, May 16, 2003
- Endoscopic Atraumatic CAB Course. Director/Faculty. Pensacola, FL, Feb 3, 2000, Feb 3-4, 2002, Sept 13-14, 2002, May 8-9, 2002, March 22-23, 2002, May 2-3, 2003, March 17-18, 2003, June 17-18, 2003

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