

**CURRICULUM VITAE  
OREGON HEALTH & SCIENCE UNIVERSITY**

**NAME** Matthew S. Slater

**DATE** April 2008

**PRESENT POSITION AND ADDRESS**

**Academic Rank:** Associate Professor

**Department/Division:** Department of Surgery,  
Division of Cardiothoracic Surgery

**Professional Address:** Division of Cardiothoracic Surgery, L353  
Oregon Health and Science University  
3181 S.W. Sam Jackson Park Road  
Portland, OR 97239-3098  
(503) 494-7820  
Fax: (503) 494-7829

**II. EDUCATION**

**Undergraduate and Graduate:**

1989-1993: Doctor of Medicine  
Eastern Virginia Medical School of Norfolk, Virginia

1983 – 1987: Bachelor of Arts  
Molecular, Cellular and Developmental Biology  
University of Colorado  
Boulder, Colorado

**Postgraduate:**

1999 – 2001: Resident, Thoracic Surgery  
Oregon Health & Science University  
Portland, Oregon

1994 – 1999: Resident, General Surgery  
Oregon Health & Science University  
Portland, Oregon

1996 – 1997: Research Resident, General Surgery  
Oregon Health & Science University  
Portland, Oregon

1994 – 1995 Internship, General Surgery

Oregon Health & Science University  
Portland, Oregon

**Certification:** American Board of Surgery  
June 4, 2000 valid to 7/1/2011

American Board of Thoracic Surgery  
June 7, 2002 valid to 12/41/2012

**Licenses:** Oregon (Active)  
Washington (Active)

### III. PROFESSIONAL EXPERIENCE

**Academic:** 2004 – present  
Section Chief, Adult Cardiac Surgery  
Division of Cardiothoracic Surgery  
Oregon Health & Science University

2004—present  
Associate Professor of Surgery  
Division of Cardiothoracic Surgery  
Oregon Health & Science University

2001 – 2004  
Assistant Professor of Surgery  
Division of Cardiothoracic Surgery  
Oregon Health & Science University

**Other:** 2001 – present  
Attending Surgeon  
Division of Cardiothoracic Surgery  
Portland Veterans Affairs Medical Center

### IV. SCHOLARSHIP

#### **Research/Scholarly Interest:** **Clinical Interest – Ongoing Studies**

**Soluble natriuretic peptide-related fragment (sNRF) worsens heart failure. 2006**  
eIRB#: 2740. Oregon Health & Science University, Co-investigator.

*Study to determine the heart muscle levels of a newly discovered protein called sNRF in people who have heart problems.*

**Evolving Strategies in the Management of Infective Endocarditis. 2005**  
IRB 8544, EXP. Oregon Health & Science University and Veterans Affairs Medical Center  
Principal investigator.

*Retrospective review comparing 300 patients with endocarditis treated at Oregon Health & Science University with 200 patients treated at The Veterans Affairs Medical Center over the same time interval.*

**Surgical Treatment for Ischemic Heart (STICH) Failure Trial. 2005**

Veterans Affairs Medical Center, Clinical investigator

*Prospective, randomized, multi-center study comparing medical therapy, coronary artery bypass grafting, and coronary artery bypass grafting plus ventricular restoration for the treatment of ischemic heart disease.*

**A Multi-Centre, Randomized, Double-Blind, Placebo Controlled, Dose Escalation Trial on Safety and Pharmacokinetics of Recombinant Factor XIII (rFXIII) in Patients Following First Time Myocardial Revascularization Requiring Cardiopulmonary Bypass.**

Oregon Health & Science University, Clinical investigator

*Prospective, randomized, multi-center phase I study evaluating Recombinant Factor XIII rFXIII) for the control of bleeding following cardiac surgery.*

**Hyperglycemia and postoperative outcomes in cardiothoracic surgery. 2005**

IRB 8578, EXP. Oregon Health & Science University, Clinical investigator

*Prospective non-randomized study of the implementation of a new management strategy for glycemic control in patients undergoing cardiac surgery at Oregon Health & Science University.*

**10 Year Review of Thoracic Trauma at OHSU.**

IRB 7195, EXP. Oregon Health & Science University, Principal investigator.

*Retrospective review of outcomes following cardiac and great vessel trauma.*

**CABG On/Off Trial – “COOT” 2004**

CS #517, Portland Veterans Affairs Medical Center, Clinical investigator

*Prospective, randomized, Department of Veterans Affairs cooperative study comparing outcomes following coronary artery bypass grafting with and without the use of cardiopulmonary bypass*

**Long term outcomes of patients undergoing orthotopic heart transplantation for advanced heart failure. 2004**

IRB 8399, FB. Oregon Health & Science University, Clinical investigator

*Long-term study focusing on donor, recipient, and technical variables that affect survival and graft function following cardiac transplantation.*

**Basic Science Interest**

**Relation of Cardiopulmonary Bypass to CNS Inflammation and Reperfusion 2004**

IACUC A953. Oregon Health & Science University, Principal Investigator.

*Evaluation of the rat brain following cardiopulmonary bypass utilizing magnetic resonance imaging and ultra-small paramagnetic iron particles.*

**Publications/Creative Work:**

**Peer-reviewed publications**

Song HK, Slater MS. Postoperative Management of Adult Cardiovascular Surgery Patients *In* Civetta JM, et al (eds.): *Critical Care*, 4<sup>th</sup> edition. Philadelphia, Lippincott Williams & Williams, In press.

Kaufman J, Song HK, Ham B, **Slater M**. Traumatic Thoracic Aortic Transection in Small Diameter Aortas: Percutaneous Endograft Repair. *Journal of Vascular and Interventional Radiology*. In Press

Song HK, **Slater MS**, Kaufman, J. Technique for Percutaneous Transfemoral Stent Graft Repair of Traumatic Aortic Transection. *CTSNet*, 2007.

**Slater M**, Komanapalli CB, Tripathy U, Ravichandran PS, Ungerleider R. Treatment of Endocarditis: A Decade of Experience. *The Annals of Thoracic Surgery*, 2007.

Komanapalli C, Tripathy U, **Slater M**. "Survival after Simultaneous Blunt Injury to the Ascending Aorta and Transverse Arch." *The Journal of Trauma*, 2007 April;62:1042-1044.

Constantino M, Barton R, **Slater M**, McAnulty J, Keller F. "Treatment of Inadvertent Pericardial Placement of a Tunneled Dialysis Catheter by Direct Thrombin Injection." *Cardiovascular and Interventional Radiology*. 2006; 29: 675-677.

Komanapalli CB, Sera V, **Slater M**, Tripathy U, Brady G, Hegnell L, Ravichandran PS, Hershberger RE, Song HK. Becker's Muscular Dystrophy and Orthotopic Heart Transplantation: Perioperative Considerations." *Heart Surg Forum*. 2006;9(2): E604-6.

Komanapalli C, Alsoufi B, Shen I, **Slater M**. Recurrent Pulmonary Artery Sarcoma. *J Card Surg* 2006; 21:1-3.

Costantino MM, Barton R, **Slater M**, McAnulty JH Jr, Keller FS. Treatment of inadvertent pericardial placement of a tunneled dialysis catheter by direct thrombin injection. *Cardiovascular Intervent Radiol*. 2006 Jul-Aug; 29(4): 675-7.

Komanapalli C, Tripathy U, Sokoloff M, Daneshmand S, Das A, **Slater M**. Intraoperative Renal Cell Carcinoma Tumor Embolization to the Right Atrium: Incidental Diagnosis by Transesophageal Echocardiography. *Anesth Analg* 2006; 102: 378-9.

Komanapalli C, Tripathy U, Ravichandran PS, **Slater M**. Spontaneous Rupture of the Aorta. *EJCTS* 2006;29; 616-8.

Alsoufi B, Karamlou T., **Slater M**, Shen I, Ungerleider R, Ravichandran P. Results of Concomitant Aortic Valve Replacement and Coronary Artery Bypass Grafting in the VA Population. *J Heart Valve Disease*, Jan 2006; 15(1): 12-19.

Komanapalli CB, **Slater MS**, Blizzard J, Molloy T, Stuesse D, Ravichandran PS. Simultaneous Repair of Acute Ischemic VSD with LV Remodeling. *J Card Surg* 2006; 21:66-68.

**Slater M**, Shen I, Welke K, Komanapalli C, Ungerleider R. Modification to the Ross Procedure to Prevent Autograft Dilation. *Semin Thoracic Cardiovascular Surg Pediatric Card Surg Ann*. 2005; 8(1):181-184.

**Slater M**, Thukkani N, Ravichandran P, Das A. Leiomyomatosis Metastatic to the Tricuspid Valve Complicated by Pelvic Hemorrhage. *Annals of Thoracic Surgery*. 2005; 79:707-9.

Komanapalli CB, Burch G, Tripathy U, **Slater M**, Song HK, Percutaneous Repair of an Ascending Aortic Pseudoaneurysm Using a Septal Occluder Device. *Journal of Thoracic and Cardiovascular Surgery*. 130; 603-604, 2005 Aug.

Karamlou K, Shen I, **Slater M**, Crispell K, Chan B, Ravichandran P. Decreased Recipient Survival Following Orthotopic Heart Transplantation With Use of Hearts From Donors With Projectile Brain Injury. *J Heart Lung Trans*. January 2005; 24(1):29-33.

**Slater MS**, Schreiber MA, Mullins RJ, A forced alkaline diuresis decreases the prevalence of acute renal dysfunction in patients with rhabdomyolysis. Entry for the Region X Resident Trauma Competition, 2004.

Schultz J, Blizzard J, Ravichandran P, **Slater M**. Traumatic Occlusion of the Thoracic Aorta: Case Report and Review of the Literature. *Journal of Trauma-Injury Infection & Critical Care*. 2003; 55(1):147-50.

**Slater, MS**, Contributing Author: "Advanced Disaster Medical Response, Manual for Providers" Harvard Medical International Trauma and Disaster Institute. Boston. 1<sup>st</sup> ed. 2003.

Bromley P, Ochs O, **Slater M**, Shen I, Keller F. SCVIR Annual Meeting Film Panel Session: Diagnosis and Discussion of Case 6. *J Vasc Interv Radiol*. 2001; 12:658-661

**Slater M**, Holland J, Faigel D, Sheppard B, Deveney, C. Does neoadjuvant chemoradiation downstage esophageal carcinoma? *Am J Surg*. 2001; 181(5):440-4.

**Slater M**, Mayberry J. Operative stabilization of a flail chest six years after injury. *Ann Thorac Surg*. 2001; 72:600-1.

Gunnels M, Gunnels D, Goldman R, **Slater M**. Hot air balloon crash, an unusual incident in Oregon. *J Emerg Nurs*. 2001; 27:94-6.

**Slater M**, Trunkey D. How Real is the Threat of Terrorism? What the Surgeons Need to Know. *Journal of the Surgical Association of China*. 1998; 31(4):207-221.

**Slater M**, Trunkey D. Terrorism in America: An evolving threat. *Arch Surg*. 1997; 132:1059-1066.

### **Accepted for Publication:**

Kaufman J, Song HK, Ham B, **Slater M**. Traumatic Thoracic Aortic Transection in Small Diameter Aortas: Percutaneous Endograft Repair. *Journal of Vascular and Interventional Radiology*, 2007.

### **Book Chapters**

**Slater M**. Heart, *Acute Care Surgery Principles and Practice*. Britt, LD, Trunkey, D, and Feliciano D eds. Springer, 2007.

Song HK, **Slater MS**. Postoperative Management of Adult Cardiovascular Surgery Patients *In* Civetta JM, et al (eds.): *Critical Care, 4<sup>th</sup> edition*. Philadelphia, Lippincott Williams & Williams, In press.

**Slater M**. “Minimally Invasive Saphenous Vein Harvesting for Coronary Artery Bypass Grafting”, 2<sup>nd</sup> edition, *Arterial Grafting for Coronary Artery Bypass Surgery*, ed. Guo-Wei He. 2006.

**Slater, M**, Contributing Author: *Advanced Disaster Medical Response, Manual for Providers*, 1<sup>st</sup> ed. Harvard Medical International Trauma and Disaster Institute. Boston, 2003.

Trunkey D, **Slater M**. *Management of battlefield casualties*. 4<sup>th</sup> ed. Feliciano, D, Moore E, and Mattox, K eds. McGraw-Hill, 2000.

**Slater M**, Trunkey D. Neurotrauma. *Current Therapy of Trauma*, 4<sup>th</sup> ed. Trunkey, D and Lewis, F eds. Mosby, 1998.

**Slater M**, Trunkey D. Initial radiological studies. *Current Therapy of Trauma*, 4<sup>th</sup> ed. Trunkey, D and Lewis, F eds. Mosby, 1998.

**Slater M**, Trunkey D. Air embolism. *Current Therapy of Trauma*, 4<sup>th</sup> ed. Trunkey, D and Lewis, F eds. Mosby, 1998.

### **Electronic Publications**

Song HK, **Slater MS**, Kaufman, J. Technique for Percutaneous Transfemoral Stent Graft Repair of Traumatic Aortic Transection. *CTSNet*, 2007.

Song HK, Chaugle H, **Slater M**, Kaufman J. Endovascular Repair of a Descending Thoracic Aortic Pseudoaneurysm Using a Tapered Endoprosthesis, in <http://www.ctsnet.org/sections/clinicalresources/clinicalcases/article17.html>, 2006

Thomas D. Person, MD, Hannan Chaugle, MD, Paul H. Schipper, MD, **Matthew S. Slater, MD** and Mithran S. Sukumar, MD. Recurrent Thymoma with Intracardiac Extension. *CTSnet*: Oct 21, 2005

**Slater, M**, Agrawal S, Blizzard J, Lowe R, Furnary A. Substernal Epicardial Echocardiography (SEE): A New Paradigm in Postoperative Care for Heart Failure Patients. *International Academy of Cardiology, Advances in Heart Failure Patients*. International Academy of Cardiology, Advances in Heart Failure CD ROM. 2002

### **Reviews**

**Slater M**, Mullins R. Rhabdomyolysis and myoglobinuric renal failure in trauma and surgical patients: A review. *J Am Coll Surg*. 1998; 186(6):693-716.

### **Submitted for Publication:**

Schultz JM, Komanapalli C, Song HK, Shen I, Hershberger RE, **Slater M**, Ravichandran PS. Staged Single Donor Heart and Kidney Transplantation: Mid Term Results. In submission.

Song HK, Landry G, Kolbeck, K, **Slater M**, Liem, T, Moneta G, Kaufman J. Favorable Early Outcomes for Patients with Extended Indications for Thoracic Endografting. Southern Thoracic Surgical Society, In submission.

### **Abstracts**

Ungerleider RM, Headings J, Welke K, Shen I, **Slater M**, Song H. A Modification to the Ross Procedure That May Eliminate Late Autograft Dilatation, *ABTS Annual Meeting*, 2007.

Komanapalli CB, Brady G, Pickens L, Dixon T, Chaugle H, **Slater M**. Tailoring the intensity of insulin therapy to match individual patient insulin resistance improves postoperative glycemic control, *STS Annual Meeting*, 2006.

Moneta G, Landry G, Kaufman J, Kolbeck K, **Slater M**, Liem, T. Favorable Early Outcomes For Patients With Extended Indications For Thoracic Endografting. *STSA 54<sup>th</sup> Annual Meeting*. November 7, 2008, Austin, TX.

### **Invited Lectures, Conference Presentations or Professorships:**

#### **International and National**

Endocarditis: A decade of experience. Presented at the 43<sup>rd</sup> annual meeting of the Southern Society for Thoracic Surgery, Scottsdale, AZ, November 2006.

Komanapalli C, **Slater MS**, Pickens L, Drynan K, Dixon TA, Ravichandran PS, Ungerleider RM, Song HK. Determinants of Insulin Utilization in Cardiovascular Surgery Patients.” Presented at World Society for Cardiothoracic Surgery. Ottawa Canada. August 2006.

Visiting Professor, Wuhan Heart Institute, Central Hospital of Wuhan, China, May 24-27, 2005.

“Aortic Valve Replacement Options: Matching the Valve to the Patient”, International Symposium for Heart Disease, Wuhan, China, May 26, 2005.

“New Frontiers in Translational Research in Neuro-Oncology and the Blood-Brain Barrier”, Tenth Annual Neuro-Oncology and Blood-Brain Barrier Disruption Consortium Meeting, Sunriver, OR, March 2004.

“Re-Operative Coronary Artery Bypass Surgery: Low Mortality Using Intermittent Fibrillation Aortic Cross Clamp Technique”, Pacific Coast Surgical Association, 75<sup>th</sup> Annual Meeting, Wailea, HI, February 2004.

“The Ross Procedure: Getting Started, Staying out of Trouble”, American Association of Thoracic Surgery (AATS) focus session on the Ross Procedure, Boston, May 4, 2003.

“Clinical Utility of a Protein Based Surgical Adhesive in Patients Implanted with Ventricular Assist Devices”, 39<sup>th</sup> Annual Meeting, The Society of Thoracic Surgeons, San Diego, CA. January, 2003.

“Substernal Epicardial Echocardiography: SEE: a new paradigm in postoperative care for heart failure patients”, 8<sup>th</sup> World Congress on Heart Failure – Mechanisms and Management, Washington, DC, July 14, 2002.

Blizzard J, **Slater M**, Sahn D, Lowe R, Ravichandran P, Furnary A, Floten H. “Use of Substernal Echocardiography in Patients on Ventricular Assist Devices: Initial Experience”, American College of Cardiology poster presentation, Atlanta, GA, March 2002.

“Axonal Plasticity in Cross-Facial Nerve Grafting”, Miami Student Research Forum, University of Florida, Miami, FL, February 1991.

### **Regional and Local**

“Diagnosis and Management: Major Thoracic Blood Vessel Injury.” 19<sup>th</sup> Northwest States Trauma Conference. Sunriver Resort, Sunriver, OR, April 10, 2008.

“Cardiac Surgery II - Valve Replacement and Valve Repair.” OHSU Cardiovascular Medicine Weekly Conferences. Portland, OR, October 31, 2007.

“Use of Ventricular Assist Devices in High Risk Cardiac Surgery.” St. John Medical Center Cardiac Update 2007, Longview, WA, October 20, 2007.

“Cardiovascular Surgery in Women: Small Patients, Big Problems.” OHSU Cardiac Surgery Symposium: Women are from Venus, Gender Considerations in Cardiovascular Disease: a Surgical Perspective, Portland, OR, October 13, 2007.

“Cardiac Transplant: Infection, Rejection, Lack of Ejection.” OHSU Cardiac Surgery Symposium: Women are from Venus, Gender Considerations in Cardiovascular Disease: a Surgical Perspective, Portland, OR, October 13, 2007.

“Endocarditis: The Surgical Perspective.” 29<sup>th</sup> Annual Salishan Conference, Cardiology for the Primary Care Physician: Update 2007, Gleneden Beach, OR, September 28-30, 2007.

“Heart Failure: Acute Medical and Surgical Management.” OHSU Hospital and Doernbecher Children’s Hospital Respiratory Care Services, Trends in Respiratory & Acute Care, Troutdale, OR, September 27-28, 2007.

“Cardiac Surgery II - Valve Replacement and Valve Repair.” OHSU Cardiology Clinical Conference Series, Portland, OR, April 11, 2007.

“Hemodynamic Therapy in the Acute Setting.” Greater Portland Chapter of the American Association of Critical Care Nurses Membership Dinner, Portland, OR, February 22, 2007.

“Broken Hearts: Etiology of Heart Failure.” OHSU Cardiac Surgery Symposium: Broken Hearts, Replacement Parts The Surgical Treatment of Heart Failure. Portland, OR, October 21, 2006.

“Replacement Parts: Cardiac Transplant.” OHSU Cardiac Surgery Symposium: Broken Hearts, Replacement Parts The Surgical Treatment of Heart Failure. Portland, OR, October 21, 2006.

“Aortic Valve Disease.” Bay Area Hospital Continuing Medical Education Program. Coos Bay OR, September 11, 2006.

Komanapalli C, Tripathy U, Ravichandran, PS, **Slater MS**. “Endocarditis: A Decade of Experience.” Portland Surgical Society, Portland, OR, June 2006.

Komanapalli C, **Slater MS**, Dixon TA, Pickens L, Drynan K, Ahmann A, Song HK. “Optimizing Glucose Control in Cardiovascular Surgery Patients.” Portland Surgical Society, Portland, OR, June 2006.

“Bleeding Hearts & Broken Aortas: Thoracic Trauma”, OHSU Cardiac Surgery Symposium ‘Confessions of a Cardiac Surgeon’, Portland, OR, October 22, 2005.

“Tricky Operations: Aortic Valve Disorders”, OHSU Cardiac Surgery Symposium ‘Confessions of a Cardiac Surgeon’, Portland, OR, October 22, 2005.

“Simple Operations: Mitral Valve Disorders”, OHSU Cardiac Surgery Symposium ‘Confessions of a Cardiac Surgeon’, Portland, OR, October 22, 2005.

“Bleeding Hearts: Management of Penetrating Cardiac Trauma”, 16<sup>th</sup> Annual Northwest States Trauma Conference, Sunriver, OR, May 5-6, 2005.

“The Broken Thoracic Aorta: Diagnosis and Management”, 16<sup>th</sup> Annual Northwest States Trauma Conference, Sunriver, OR, May 5-6, 2005.

“Cardiac and Aortic Trauma: Mechanism, Management and Mistakes”, Grand Rounds, St. Vincent’s Hospital, Portland, OR, August 19, 2004.

“Cardiac and Aortic Trauma”, Grand Rounds, Department of Surgery, Oregon Health & Science University, Portland, OR, May 17, 2004.

“Minimally Invasive Vein Harvest”, Vascular Surgery Conference, Oregon Health & Science University, Portland, OR, January 11, 2003.

“Re-operative Coronary Artery Bypass Surgery: Low Mortality Using Intermittent Fibrillation Aortic Cross Clamp Technique”, Portland Surgical Society Fifty-Sixth Annual Meeting, Portland, OR, March 30, 2003.

“Severe Traumatic Brain Injury as the Cause of Donor Death Leads to Decreased Recipient Survival Following Cardiac Transplantation”, Portland Surgical Society Fifty-Sixth Annual Meeting, Portland, OR, March 30, 2003.

“Rhabdomyolysis Treatment Guideline”, 14<sup>th</sup> Annual Northwest States Trauma Conference, Sunriver, OR. April 6-8, 2003.

“Re-operative Coronary Artery Bypass Surgery: Low Mortality Using Intermittent Fibrillation Aortic Cross Clamp Technique,” Portland Surgical Society Fifty-Sixth Annual Meeting, Portland, OR, May 30, 2003.

Malinoski DJ, **Slater MS**, Schreiber MA, Mullins RS. A CPK of 20,000 is a Sensitive Predictor of Myoglobinuric Renal Failure after Traumatic Rhabdomyolysis - Presented at the 62nd meeting of The American Association for the Surgery of Trauma, 2003.

“Mitral Valve Repair: Timing and Technique”, combined Cardiothoracic Surgery/Cardiology Grand Rounds, Oregon Health & Science University, Portland, OR, November 6, 2003.

“Prosthetic valve selection in aortic valve disease,” Cardiothoracic Grand Rounds, Oregon Health & Science University, Portland, OR, February 2, 2002.

“Substernal Epicardial Echocardiography (SEET<sup>™</sup>) in Heart Failure Patients”, Fifth Annual Heart Research Center Scientist Retreat, Portland, OR, November 2, 2002.

“Ascending Aortic Replacement Utilizing Deep Hypothermic Circulatory Arrest: Neurological Sequelae and Early Mortality in 128 Consecutive Patients”, Fifth Annual Heart Research Center Scientist Retreat, Portland, OR, November 2, 2002.

“Coronary Artery Bypass Grafting Using Intermittent Fibrillation and Aortic Cross-Clamp”, Fifth Annual Heart Research Center Scientist Retreat, Portland, OR, November 2, 2002.

“Endocarditis: Current Concepts”, Cardiac Surgery Grand Rounds, Oregon Health & Science University, Portland, OR, November 2001.

“Does Neoadjuvant Chemoradiation Downstage Esophageal Carcinoma?”, 87<sup>th</sup> Annual Meeting of the North Pacific Surgical Association, Coeur D’Alene, ID, November 10, 2000.

“Does Neoadjuvant Chemoradiation Downstage Esophageal Carcinoma? Initial Patient Experience”, Oregon Chapter of the American College of Surgeons, Sunriver, OR, September 25, 1999.

Winner S, Trunkey D, Bartos D, **Slater M**, Kurpatti R, Gilbert B. Isolation of epinephrine and its oxidation products from human plasma and urine. American Chemical Society, Portland, OR, June 1999.

“Reoperation of Critically Ill Trauma Patients”, 1997 American College of Surgeons Committee on Trauma, Region X Resident paper competition, December 6, 1997.

“Nitration of Catecholamines”, Oregon Chapter of the American College of Surgeons, Sunriver, OR, September 26, 1997.

“A Practice Guideline for Prevention of Acute Renal Failure in Trauma Patients with Elevated Creatinine Phosphokinase”, 1996 American College of Surgeons Region X Resident trauma paper

competition, Olympia, WA, December 1996.

“Inhalation Injury”, Emanuel Hospital Burn Center, Portland, OR, June 1995.

“Laparoscopic Esophagomyotomy for Achalasia: 14 Cases”, Surgery-Gastroenterology Grand Rounds, Good Samaritan Hospital, Portland, OR, November 1994.

“Axonal Plasticity in Cross-Facial Nerve Grafting”, Eastern Virginia Medical School, Norfolk, VA, October 19, 1990.

“A Model for Cross-Facial nerve Grafting in the Rat”, Eastern Virginia Medical School, Norfolk, VA, April 18, 1990.

## **SERVICE**

### **Membership in Professional Societies:**

Society of Thoracic Surgeons  
Western Thoracic Surgical Association  
American College of Surgeons, Fellow  
Heart Valve Society of America  
Sigma XI, National Research Society  
American Medical Association  
Oregon Medical Association  
Washington County Medical Society  
Multnomah County Medical Society  
Portland Surgical Society  
Society of Critical Care Medicine  
The American College of Chest Physicians  
Society of American Gastrointestinal Endoscopic Surgeons

### **Editorial and Ad Hoc Review Activities:**

Peer Reviewer, *Annals of Thoracic Surgery* 2003-present  
Peer Reviewer, *World Journal of Surgery*, 2004-present  
Peer Reviewer, *Journal of the American College of Cardiac Surgeons*, 2007-present  
Peer Reviewer, *The Journal of Thoracic and Cardiovascular Surgery*, 2007-present

### **Committees:**

#### **Regional**

Medical Advisory Committee  
Pacific Northwest Transplant Bank  
2003-present

Virginia State Trauma Committee  
1992-1993

Institutional

Compensation Committee  
Department of Surgery  
Oregon Health and Science University  
2006-present

8CSI (ICU) Best Practice  
Oregon Health and Science University  
2007

Cardiac Surgery Symposium Course Director  
Oregon Health and Science University  
2007, 2006, 2005

ICU Management Committee  
Oregon Health & Science University  
2005-present

Surgery Site Infection Prevention Team  
Oregon Health & Science University  
2005-present

New Cardiac Operating Room Design Team  
Oregon Health & Science University  
2005

Coronary Artery Bypass Grafting Pathway Steering Committee, Chairman  
Oregon Health & Science University  
2003-present

Cardiothoracic Surgery Best Practice Group  
Oregon Health & Science University  
2003-present

Cardiac Advisory Board  
Oregon Health & Science University  
2003-present

Surgical Director, Society of Thoracic Surgeons Database  
Oregon Health & Science University  
2002-present

Quality Assurance Director  
Division of Cardiothoracic Surgery

Oregon Health & Science University  
2001-2006

Veterans Affairs Medical Center Operative Care Division Quality  
Management and Improvement Group  
2002-2006

Chief Resident Committee  
Oregon Health & Science University  
1996-1997

Chairman, Medical Student Chapter  
American Medical Association  
Eastern Virginia Medical School  
1991-1992

#### Departmental

Compensation Committee  
Department of Surgery  
Oregon Health and Science University  
2006-present

Director, Residency Curriculum Group  
Department of Surgery Education Retreat  
Skamania Lodge, October 2002

Department of Surgery, Resident Advisory Committee  
Oregon Health & Science University  
Division of General Surgery  
1997-1998

Joint Conference Committee on Graduate Medical Education  
Oregon Health & Science University  
Division of General Surgery  
1996-1997

#### Honors and Awards for Education:

Faculty Learning Award, OHSU, 2005  
Resident Teaching Award, Best Resident Teacher, OHSU, 1999  
Alpha Omega Alpha, National Medical Honor Society, 1993

First Place, clinical Paper, American College of Surgeons, Committee on Trauma, Region X  
Resident paper Competition. "Implementation of a practice algorithm for the prevention of renal  
failure in trauma patients with rhabdomyolysis and elevated creatinine", 1996

Second Prize, Investigator Category, "Cross facial nerve grafting in the rat", Plastic Surgery

Education Foundation Essay Competition, 1992

Recipient, Eastern Virginia Medical School Summer Research Fellowship, 1990-1991