

Curriculum Vitae

Eric L. Grogan, M.D., M.P.H., F.A.C.S., F.C.C.P.

OFFICE ADDRESS

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Email: eric.grogan@vanderbilt.edu
Date and Place of Birth: October 29, 1972, Charlottesville, VA
Primary School: Graduate of Lone Oak High School, Paducah, KY
Citizenship: USA

EDUCATION

Degree-Granting Education

Lipscomb University, Nashville, TN	B.S. (<i>Chemistry</i>)	1990-1995
Vanderbilt University School of Medicine	M.D. (<i>AOA</i>)	1995-1999
Vanderbilt University School of Medicine	M.P.H.	2002-2004

Postgraduate Education and Training

Internship in General Surgery, Vanderbilt University Medical Center	1999-2000
Resident in General Surgery, Vanderbilt University Medical Center	2000-2002, 2004-2005
Resident in Research: VA Quality Scholars Fellowship Program Veterans Affairs Hospital & Vanderbilt University Medical Center	2002-2004
Chief Resident in General Surgery, Vanderbilt University Medical Center	2005-2006
Resident in Thoracic Surgery, University of Virginia	2006-2008
Covidien Minimally Invasive Thoracic Fellow, University of Virginia	2007-2008

Additional Education and Training

SAGES Advanced Laparoscopic Training Course, Ethicon Institute, OH	May 2001
Crew Training International Dynamic Outcomes Management Course	April 2003
Crew Training International Trainer Course	Sept 2003
Covidien Advanced Minimally Invasive Thoracic Training Course, Elancourt, France	July 2007
Outcomes Research Course – American College of Surgeons, Chicago, IL	Nov 2008
Grantsmanship Workshop – American Association for Thoracic Surgery, Bethesda, MD	March 2009
Regression Modeling Strategies Short Course by Frank E. Harrell, Jr., Ph.D, VUMC	March 2011
	March 2014

LICENSURE / CERTIFICATION

National Provider Identifier (1023220753)	
American Board of Thoracic Surgery (CN 7550)	2009-2019
American Board of Surgery: General Surgery (CN 51830)	2006-2016
Tennessee Medical License (MD0000036069)	Active
ACLS/BLS (Advanced Cardiac Life Support)	Active
ATLS (Advanced Trauma Life Support)	2001, 2004

ACADEMIC APPOINTMENTS

Associate Professor of Surgery, Department of Thoracic Surgery	2016-present
Associate Professor of Medicine, Institute for Medicine and Public Health	2016-present
Chief Thoracic Surgery, TVHS, Veterans Hospital	2016-present
Assistant Professor of Surgery, Department of Thoracic Surgery	2008-2016
Assistant Professor of Medicine, Institute for Medicine and Public Health	2008-2016

HOSPITAL APPOINTMENTS

Vanderbilt University Medical Center	2008-present
Veterans Hospital – Tennessee Valley Health Care System	2008-present
Nashville General Hospital at Meharry	2008-2012
Williamson County Medical Center	2009-present
Maury County Regional Medical Center	2011-present
Vanderbilt Stallworth Rehabilitation Hospital	2016-present

OTHER EMPLOYMENT

Tennis Instructor & Lawn Maintenance, Paducah, KY and Nashville, TN	1989-1993
Research Assistant: Plasmid sequence verification and DNA sequencing Ann Richmond, PhD. Cell Biology, Vanderbilt University	1993
Property Maintenance Technician Excel Commercial Services, Inc., Nashville, TN	1995
Dockhand, American Freightways, Inc., Smyrna, TN	1995
Research Assistant: Autonomic Failure David Robertson, M.D. Clinical Research Center, Vanderbilt University	1996

PROFESSIONAL ORGANIZATIONS

American Medical Association	1995-2013
Alpha Omega Alpha	1998-present
Society of American Gastrointestinal Endoscopic Surgeons (SAGES)	2001-2012
Tennessee Medical Association	2002-2006
Society of Critical Care Medicine	2003-2005
American College of Chest Physicians – Fellow	2009-present
American College of Surgeons- Fellow	2010-present
Society of Thoracic Surgeons – Member	2010-present
Southern Thoracic Surgical Association - Member	2010-present
General Thoracic Surgical Club - Member	2011-present

PROFESSIONAL ACTIVITIES

Intramural:

Crew Resource Management Implementation and Research Committee	2004-2004
Executive Patient Safety Council	2002-2004
House Staff Advisory Committee	2002-2004
Inpatient patient reported outcomes working group	2009-2010
Search Committee – Division Chief Trauma / Critical Care	2010-2011
Search Committee—Radiation Oncology Outcomes Research Director	2011- 2012
VUMC Perioperative Committee – Preoperative CXR	2012
Lung Cancer Screening Group	2013-present
Thoracic Program Leadership Committee - VUMC Thoracic program pilot grant review	2014-present 2015

Extramural:

Review Responsibilities:

Annals of Thoracic Surgery – Guest Reviewer (1-3 annual reviews)	2008 - present
Annals of Surgical Oncology – Ad Hoc Reviewer (1 annual review)	2008 - present
Journal of Thoracic and Cardiovascular Surgery – Ad Hoc Reviewer (1 annual review)	2010 - present
Journal of Thoracic Oncology – Ad Hoc Reviewer (1-2 annual reviews)	2010 - present
American Journal of Surgery – Ad Hoc Reviewer (1 annual review)	2012 – present
Annals of the American Thoracic Society Ad Hoc Reviewer (1 annual review)	2013 – present
Journal of Clinical Oncology – Ad Hoc Reviewer	2016-present

Professional Organization Roles and Responsibilities:

American College of Surgeons RAS Council of Representatives - Education Committee	2003-2008
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ACS – ASE Conference on Education to Reduce the Risk of Surgical Errors	2005-Feb
ACS / ACGME Conference for Development of Surgical Patient Safety Curriculum	2005-May
American College of Surgeons Oncology Group Thoracic, Basic Science and Translational Committee	2009-2012
Symposium co-moderator / organizer - “Pulmonary Metastatectomy” American College of Surgeons Annual Meeting, Chicago, IL	Oct -2012
Society of Thoracic Surgeons	
Thoracic Surgery Database Committee	2014 - present
Abstract reviews for 2010 meeting	July- 2010
Abstract reviews for 2011 meeting	July- 2011
Abstract reviews for 2012 meeting	July- 2012
Course Instructor STS University VATS lobectomy course STS annual meeting, Orlando, FL	Jan 29, 2014
Moderator Lung Transplantation Session STS annual meeting, San Diego, CA	Jan 27, 2014
Moderator Lung Cancer 1 Session STS annual meeting, Phoenix, AR	Jan 26, 2016
Southern Thoracic Surgical Association	
Moderated Scientific Symposium, Annual Meeting, San Antonio, TX	Nov-2011
Moderated Scientific Symposium, Annual Meeting, Naples, FL	Nov- 2012
Abstract reviews for 2013 meeting	April 2013
Moderated Scientific Symposium, Annual Meeting, Scottsdale, AR	Nov 1, 2013
Invited Discussant	Oct 31, 2013
American Board of Thoracic Surgery	
SESATS v11 question writer	2013
General Thoracic Subcommittee -Consultant	2014
General Thoracic Subcommittee	2016

Honors and Awards

Undergraduate:

All District Tennis Team, NAIA District 24	1992, 1994
Captain Tennis Team, David Lipscomb University	1993, 1994
A.O. Duer Award, District 24 All Sports Scholar/Athlete of the Year	1993
J.R. Beyer Award, David Lipscomb Christian/Student/Athlete of the year	1994
Best Paper, Tennessee Academy of Sciences, Molecular Biology Division	1994
<i>Alpha Chi</i> Honor Society, David Lipscomb University	1995
<i>Summa Cum Laude</i> , David Lipscomb University	1995

Graduate:

<i>Alpha Omega Alpha</i> , Vanderbilt University Medical School	1998
American College of Surgeons Medical Student Program Representative	1998
H. William Scott Student Surgery Award, Vanderbilt University	1999

Post Graduate:

Third Place, ‘Top Gun’ Laparoscopic Competition SAGES World Congress	2001
Best Poster - Vanderbilt University Medical Center 21 st Annual Research Forum <i>Volatility: A New Vital Sign Identified Utilizing a Novel Bedside Monitoring Strategy</i>	2003
Best Lecture - Advances in the Management of Thoracic Diseases, Nashville TN <i>Evaluation of the Solitary Pulmonary Nodule in the South Central US</i>	2011
Best of ASCO – American Society of Clinical Oncology, Chicago, IL <i>Accuracy of FDG-PET to diagnose lung cancer in the ACOSOG Z4031 trial</i>	June 2012
5-Star Patient Satisfaction Award for Overall Quality of Care Vanderbilt University Medical Center	2013, 2014
Directors Star Award for Patient Care Veterans Hospital, Tennessee Valley Healthcare System	2015

TEACHING ACTIVITIES

Course Instructor:

4th year research elective - 6150 Special Studies : Surgery Research (4 students) 2009-present
4th year Cardiothoracic SubI, Veterans Affairs Hospital Surg-5634-02 2008-2015

Invited Lectures and Continuing Medical Education

Local

Crew Resource Management and the Trauma Patient Aug 5, 2003
Quality Scholar Summer Institute 5th Annual Research Forum
Fairlee, VT

Documenting Patient Acuity level: The General Surgery Progress Note Sept 24, 2003
Vanderbilt Clinical Enterprise Group
Vanderbilt University Medical Center

Documenting Patient Acuity level: The General Surgery Progress Note Nov 21, 2003
Vanderbilt Surgical Grand Rounds
Vanderbilt University Medical Center

Guatemala Surgical Missions: Can we fix one more hernia? Feb 17, 2004
Vanderbilt International Committee, Brown Bag Series.
Vanderbilt University Medical Center

Documenting Patient Acuity level: The General Surgery Progress Note Mar 17, 2004
Vanderbilt Informatics Grand Rounds
Vanderbilt University Medical Center

Documentation, Coding, and the Risk Adjusted Mortality Initiative June 9, 2004
Vanderbilt Clinical Enterprise Group
Vanderbilt University Medical Center

*Changing Demands on Residents (The New Work-Hour Requirements):
Is Medicine Helped or Hurt?* April 14, 2005
Spring Ethics Grand Rounds
Vanderbilt University Medical Center

Minimally Invasive Treatment of Early Stage Lung Cancer May 16, 2009
Lung Cancer Symposium
Vanderbilt University Medical Center

Early Diagnosis and Treatment of Lung Cancer Oct 16, 2009
General Surgery Grand Rounds
Vanderbilt University Medical Center

Surgical Treatment of Esophageal Cancer Sept 24, 2010
5th Annual GI and Hepatology Update
Nashville, TN

Evaluation of the Solitary Pulmonary Nodule in the South Central US April 30, 2011
Advances in the Management of Thoracic Diseases 2011
Nashville, TN

Surgical Diagnosis of Lung Cancer: Why are we so inaccurate? Nov 28, 2011
Pulmonary Medicine Grand Rounds
Vanderbilt University Medical Center

Avoiding the Futile Thoracotomy April 21, 2012
Advances in the Management of Thoracic Diseases 2012
Nashville, TN

Predicting cancer in patients with suspicious pulmonary nodules Nov 8, 2013
General Surgery Grand Rounds
Vanderbilt University Medical Center

The Small Lung Nodule Problem Nov 11, 2014
Vanderbilt Initiative for Surgery and Engineering
Vanderbilt University Medical Center

Improving the Diagnosis of Lung Cancer Feb 19, 2015

Infectious Disease Grand Rounds Vanderbilt University Medical Center	
<i>Reducing Invasive Testing for Suspicious Pulmonary Lesions</i> Section of Surgical Sciences Research Conference Vanderbilt University Medical Center	Mar 23, 2015
<i>Intraoperative Localization and Characterization of Lung Nodules</i> Biophotonics Center Seminar Series Vanderbilt University	Feb 24, 2016
Regional	
<i>Surgical Management of Barrett's Esophagus</i> Audio-Digest Gastroenterology Volume 25 Issue 03 Program Title: Barrett's Esophagus	Feb 07, 2011
<i>Surgical Management of Lung Cancer</i> CME lecture Jennie Stuart Medical Center, Hopkinsville, KY	March 26, 2013
<i>A surgeon's perspective on predicting lung cancer in patients with lung nodules</i> Tennessee Radiology Association, Scientific meeting Franklin, TN	Feb 27, 2016
National	
<i>Residents: Students or Employees?</i> American College of Surgeons Clinical Congress RAS Symposium New Orleans, LA	Oct 10, 2004
<i>Pulmonary Nodule Dilemma</i> Veterans Affairs – Quality Scholars Summer Institute Fairlee, Vermont	Aug 1, 2010
<i>Assessment of the Pulmonary Nodule</i> General Thoracic Skills Session American Association for Thoracic Surgery 91 st Annual Meeting Philadelphia, PA	May 7, 2011
<i>Assessment of the Solitary Pulmonary Nodule</i> Medical Grand Rounds Louisiana State University, Baton Rouge Campus, Baton Rouge, Louisiana	Aug 14, 2013
<i>Assessment of the Indeterminate Pulmonary Nodule</i> Surgical Grand Rounds The Ohio State University, Columbus, Ohio	Sept 29, 2013
<i>Predictive Modeling to Diagnose Lung Nodules through Noninvasive Diagnostics</i> STS / AATS Tech-Con 2014, Gen Thoracic Track 1: General Thoracic Surgery Innovations Orlando, Florida	Jan 25, 2014
<i>Variation in FDG-PET Accuracy to Diagnose Lung Cancer in Pulmonary Nodules</i> NCI-Early Detection Research Network – Research collaborative meeting Bethesda, MD	Sept 9, 2014
<i>Improving the Preoperative Diagnosis of Lung Cancer in Patients with Indeterminate Pulmonary Nodules</i> 23 rd Annual David P. Boyd Lectureship in Cardiothoracic Surgery Lahey Clinic, Boston, MA	Dec 3, 2014
<i>Predictive Modeling in Patients with Suspicious Pulmonary Lesions</i> STS Thoracic Database Committee San Diego, Ca	Jan 25, 2015
<i>Accuracy of FDG-PET to Diagnose Lung Cancer in Areas with Infectious Lung Disease</i> American Thoracic Society Annual Meeting, NEJM & JAMA special session Denver, CO	May 17, 2015
<i>The OR of the Future: Optical Assist Devices</i> STS / AATS Tech-Con 2014, Gen Thoracic Track 1: General Thoracic Surgery Innovations	Jan 24, 2016

Improving the diagnostic accuracy of lung nodule evaluations April 4, 2016
Markey Cancer Center, University of Kentucky

International

The role of FDG-PET scanning in the diagnosis of pulmonary nodules suspicious for lung cancer Sept 29, 2015
European Respiratory Society, Joint ERS / JAMA session
Amsterdam, Netherlands

CLINICAL AND RESEARCH TEACHING / TRAINING

Trainees:

Alykhan Nagji, MD (Surgery Resident, University of Virginia)	2007-2008
Jodi Weinstein, MD (Medical Student, Vanderbilt University)	2008-2011
James Isbell, MD, MSCI (Cardiothoracic Surgery Resident, University of Virginia)	2008-2010
Aaron Dawes, MD, (Medical Student, Vanderbilt University)	2008-2011
Gabriella Andrade, MD, (Medical Student, Vanderbilt University)	2009-2012
Francys Verdial, MD, (Medical Student, Vanderbilt University)	2009-2013
Carol Calloway-Lane, DNP (Doctoral student –Vanderbilt Nursing School) Member of DNP Thesis Committee	2009-2011
Stephen A. Deppen, (PhD student, Epidemiology, Vanderbilt University) Chairman of his PhD Thesis Committee	2009-2013
Jamii St.Julien, M.D., M.P.H. (Surgery Resident – Post Doc)	2010-2012
Patrick Kelley (Medical Student, Vanderbilt University)	2012-2014
Tyler Davis (Medical Student, Vanderbilt University)	2012-2015
Ashley Morgan (Medical Student, Vanderbilt University)	2012-2015
Sarah Fletcher (PhD biostatistics graduate student)	2013-present
Carissa Iverson (PhD genetics graduate student – Thesis Committee)	2014-present

Medical School and Residency Teaching Activities

<i>Course Instructor.</i> Third-Year Medical Student Suture Course Vanderbilt University Medical Center	2002-2004
<i>Night Call.</i> Clinical Management Course (MED 5792) Vanderbilt University Medical Center	Feb 3, 2003
<i>Peripheral Vascular Disease.</i> Surgical Resident Teaching Conference Vanderbilt University Medical Center	April 10, 2003
<i>Breast Cancer.</i> Surgical Resident Teaching Conference Vanderbilt University Medical Center	June 10, 2003
<i>Managing Fatigue.</i> Mandatory Faculty and Staff Web-Based Course Vanderbilt University Medical Center	2003-present
<i>Fatigue and Patient Safety.</i> Vanderbilt Surgical House staff Orientation Vanderbilt University Medical Center	June 30, 2003
<i>Surgical Night Call.</i> Clinical Management Course (MED 5792) Vanderbilt University Medical Center	Feb 2, 2004
<i>Documentation, Coding, and the Risk Adjusted Mortality Initiative</i> Surgical Resident Teaching Conference Vanderbilt University Medical Center	Aug 6, 2004
<i>Hemodynamic Monitoring.</i> Surgical Resident Teaching Conference Vanderbilt University Medical Center	July 18, 2005
<i>Pulmonary Segmentectomy.</i> Thoracic Surgery Conference University of Virginia	August 28, 2006
<i>Esophageal Cancer: Neoadjuvant Therapy.</i> Thoracic Surgery Conference University of Virginia	Feb 26, 2007
<i>Complications of Pneumonectomy.</i> Nursing Education Day University of Virginia	June 19, 2007

<i>Thoracoscopic Lobectomy.</i> Thoracic Surgery Conference University of Virginia	Dec, 11, 2007
<i>Proctor</i> Thoracic Resident Teaching Conference Vanderbilt University Medical Center	Quarterly 2008-present
<i>Decision Analysis</i> –Master’s of Public Health Program Vanderbilt University Medical Center	Oct 5, 2010 & Oct 7, 2008
<i>Bronchoscopy Course – Intern Class Lecture</i> Vanderbilt University Medical Center	Oct 8, 2009
<i>Proctor</i> General Surgery Resident Teaching Conference Vanderbilt University Medical Center	April 23, 2010
<i>Complications in Thoracic Surgery</i> Surgical Intensive Care Fellows Conference Vanderbilt University Medical Center	Feb 10, 2011, Dec 15, 2011, Feb 27, 2013 Dec 4, 2013 Oct 1, 2014
<i>Proctor</i> Thoracic Surgery Resident Teaching Conference Vanderbilt University Medical Center	Monthly
<i>Proctor</i> General Surgery Mock Oral Boards Vanderbilt University Medical Center	May 18, 2012 Feb 15, 2013 Oct 31, 2014
<i>Proctor</i> Thoracic Surgery Mock Oral Boards - Biannually Vanderbilt University Medical Center	2008-present
<i>Barrett’s Esophagus</i> Resident Teaching Conference Vanderbilt University Medical Center	Jan 31, 2014
<i>Solitary Pulmonary Nodule</i> – 3 rd Year Medical Student Surgery Lecture – Quarterly Vanderbilt University School of Medicine	2008-present

Extramural Activities:

Missions

Montellano, Guatemala (Surgical Mission trip) 2003-present
With Health Talents International, I have participated in 9 surgical mission trips. I have proctored many surgical Residents, medical students and premedical students.

RESEARCH PROGRAM

GRANT SUPPORT

Current Research Support:

1 U01 CA 196405-01 (Massion) \$599,259 07/01/15 – 06/30/20

NIH/NCI

Vanderbilt University School of Medicine

Title: Cellular, Molecular and Quantitative Imaging Analysis of Screening-Detected Lung

Adenocarcinoma

Role: Co-Investigator 3% effort

Completed Research Support:

VA –Career Development Award 2 (10-024) with supplement (10-186) (\$743,000) 2011-2016

IK2 HX000758

Tennessee Valley Healthcare System, Nashville, TN

Title: Decreasing Unnecessary Invasive Lung Cancer Diagnostic Procedures

Role: PI, 40% effort

VICC Thoracic Program Pilot – (\$50,000)

2015-2016

Vanderbilt University School of Medicine

Title: Assessing fungal disease molecular biomarkers in the diagnosis of lung nodules

Role: Co-PI, 5% effort

<p>Department of Defense: Lung Cancer Research Program (LC110237) Early Investigator Synergistic Award (\$200,000) Vanderbilt University School of Medicine Title: Prognosis of Lung Cancer: Heredity or Environment Role: PI, 10% effort</p>	<p>2012-2015</p>
<p>Agency for Healthcare Research and Quality (AHRQ) – R03 (\$100,000) Vanderbilt University School of Medicine Regional Variation of FDG-PET Scans to diagnose lung cancer Role: PI, 5% effort</p>	<p>2012-2014</p>
<p>NCI SPORE in Vanderbilt Lung SPORE Pilot Grant (\$30,000) Vanderbilt University School of Medicine Title: Biodistribution of ¹¹¹In-DOTATATE observed during thoracoscopic resection of indeterminate lung nodules Role: PI, 10% effort no salary support</p>	<p>2009-2011</p>
<p>Vanderbilt Physician Scientist Development (VPSD) Program (\$150,000) Vanderbilt University School of Medicine Title: Predicting Lung Cancer with a Serum Protein Test Role: PI, 80% effort</p>	<p>2008-2010</p>
<p>Research Training Grant 5K30HL04128 (Dittus) NIH K30 Vanderbilt University Role: Trainee</p>	<p>2002-2004</p>

RESEARCH INTERESTS

Current Research Projects

Lung Cancer Survival in Low Income populations
Primary Investigators – Grogan & Aldrich

Predicting lung cancer in patients with suspicious pulmonary nodules
Primary Investigator - Grogan

Diagnostic accuracy of FDG-PET scan in patients with suspected lung cancer.
Primary Investigator – Deppen, Mentor: Grogan

Regional Variation in Benign Disease Rates after Lung Resection
Primary Investigator – Deppen, Mentor: Grogan

Past Research Projects

Cost-Effective Lung Nodule Evaluation Strategies
Primary Investigator - Grogan

A Phase III Randomized Trial of Lobectomy versus Sublobar Resection for Small (less than or equal to 2 cm) Peripheral Non-Small Cell Lung Cancer
Institutional Investigator – Grogan, Protocol No.: ACOSOGTHOC140503

Use of Indium -DOTATATE to image and excise lung cancer
Primary Investigator – Grogan, Co-PI – Ron Walker, MD

Genomic and Proteomic signatures that predict lung cancer in patients with pulmonary nodules
Primary Investigator – Grogan, Mentors: Bill Putnam, MD, Pierre Massion, MD

Resource Utilization and Obesity in thoracic surgery (STS database study)
Primary Investigator – St. Julien, Mentor: Grogan

Reducing futile surgery for pulmonary nodules with a clinical and molecular prediction model highly specific for lung cancer. (ACOSOG Z4095)
Primary Investigator – Grogan

PUBLICATIONS AND PRESENTATIONS

Original Peer Reviewed Manuscripts

1. Jordan J, Shannon JR, **Grogan E**, Biaggioni I, Robertson D. A potent pressor response elicited by drinking water. *The Lancet* 1999; 353, issue 9154: 723 [PMID: 10073520](#)
2. **Grogan EL**, Wheeler WG, Ross CB. Management of incidentally discovered cervical paragangliomas: Report of two cases and review of the current issues. *Journal of the Kentucky Medical Association* 1999 Dec; 97: No 12, 559-565. [PMID: 10618853](#)
3. **Grogan EL**, Nylander WA, Shaffer D. Living Related Transplantation of an Ectopic Pelvic Kidney. *Transplantation* 2004 Mar; 76(6); 953. [PMID: 15077048](#)
4. Diaz JJ, Gray BW, Dobson JM, **Grogan EL**, May AK, Miller R, Guy J, O'Neill PJ, Morris JA. Repair of Giant Abdominal Hernias: Does the type of prosthesis matter? *American Surgeon* 2004 May; 70(5):396-401. [PMID 15156946](#)
5. Roumie CL, **Grogan EL**, Falbe W, Speroff T, Dittus R, Elasy TA. A Three Part Intervention to Influence HRT. *Annals of Internal Medicine*. 2004 Jul; 141:118-225. [PMID: 15262667](#)
6. **Grogan EL**, Speroff T, Deppen SA, Roumie CL, Elasy T, Dittus RS, Rosenbloom ST, Holzman MD. Improving Documentation of Patient Acuity Level using a Progress Note Template. *Journal of the American College of Surgeons* 2004Sep; 199: 468-475. [PMID: 15325618](#)
7. **Grogan EL**, Norris PR, Speroff T, Ozdas A, France DJ, Harris P, Jenkins JM, Stiles RA, Dittus RA, Morris JA. Volatility: A New Vital Sign Identified Using a Novel Bedside Monitoring Strategy. *Journal of Trauma, Infection, and Critical Care*, 2005 Jan; 58(1):7-14. [PMID: 15674143](#)
8. **Grogan EL**, Morris JA, Norris PR, France, DJ, Ozdas A, Harris PA, Speroff T. Reduced Heart Rate Volatility: An Early Predictor of Death in Trauma Patients. *Annals of Surgery* 2004 Sep; 240: 547-556. [PMID: 15319726](#) [PMCID: PMC1356445](#)
9. **Grogan EL**, Stiles RA, France DJ, Speroff T, Morris JA, Jr., Nixon, B, Gaffney A, Seddon R, Pinson CW. The Impact of Aviation Based Teamwork Training on the Attitudes of Health Care Professionals. *Journal of the American College of Surgeons*. 2004 Dec; 199: 843-848. [PMID: 15555963](#)
Selected for *Journal of the American College of Surgeons* CME-1 program
10. **Grogan EL**, Morris JA, Dittus RS, Moore DE, Poulouse BK, Diaz JJ, Speroff T, Cervical Spine Evaluation in Urban Trauma Centers: Lowering Institutional Costs and Complications Through Helical CT Scan, *Journal of the American College of Surgeons*, 2005 Feb; 200(2):160-5. [PMID: 15664088](#)
Selected for *Journal of the American College of Surgeons* CME-1 program
11. Poulouse BK, Scholz S, Moore DE, Schmidt CR, **Grogan EL**, Lao OB, Nanney L, Davidson J, Holzman MD. Physiologic Properties of Small Intestine Submucosa. *Journal of Surgical Research*, 2005Feb;123(2):262-267. [PMID: 15680388](#)
12. Poulouse BK, Holzman MD, Lao OB, **Grogan EL**, Goldstein RE. Laparoscopic Adrenalectomy: One Hundred Resections with Functional Long-Term Follow Up. *Surgical Endoscopy*, 2005;19(3):379-85. [PMID: 15624053](#)
13. Moore D, Speroff T, **Grogan E**, Poulouse B, Holzman MD. Cost Perspectives of Laparoscopic and Open Appendectomy *Surgical Endoscopy*, 2005; 19(3):374-8. [PMID: 15624056](#)

14. **Grogan EL.** Should I Lie About my Work-Hours This Week? *Journal of the American College of Surgeons*. 2005 Apr; 200(4):635-6. [PMID: 15804483](#)
15. France DJ, Stiles R, Gaffney FA, Seddon MR, **Grogan EL**, Nixon B, Speroff T. Clinicians' Reactions and Attitudes to a Commercially Developed Training Program. *AORN Journal*, 2005Aug; 82(2):614-622. [PMID: 16153049](#)
16. Morris JA, Norris PR, Ozdas A, **Grogan EL**, Williams AE. Heart Rate Variability Predicts Trauma Patient Outcomes as 12 Hours: Implications for Military and Civilian Triage. *Journal of Surgical Research*. 2005 Nov; 129(1):122-8. [PMID: 15978622](#)
17. Murff HJ, France DJ, Blackford J, **Grogan EL**, Yu C, Speroff T, Pichert JW, Hickson GB. The Relationship of Patient Complaints and Surgical Complications. *Journal of Quality and Safety in Health Care*. 2006 Feb;15:13-6. PMID: 16456204 [PMCID: PMC2564001](#)
18. **Grogan EL**, Jones DR, Kozower BD, Daniel TM, Identification of Small Lung Nodules-Technique of Radiotracer Guided Thoracoscopic Biopsy. *Annals of Thoracic Surgery*. 2008 Feb; 85: S772-S777. [PMID: 18222215](#)
19. **Grogan EL**, Stuckenborg GJ, Nagji, AS, Simmons W, Kozower BD, Jones DR, Daniel, TM. Radiotracer-Guided Thoracoscopic Resection (RGTR) is a Cost-effective Technique for the Evaluation of Sub-centimeter Pulmonary Nodules. *Annals of Thoracic Surgery* 2008 Sep; 86: 934-940. [PMID: 18721586](#)
20. Hennessey SA, **Grogan EL***, Harthun, NL, Jones DR, Kozower BD, Ailawadi, G, Lau CL. Transplant Pneumonectomy in a Patient with an Acutely Thrombosed Allograft. *Annals of Thoracic Surgery* 2010 Mar; 89:975-977. (*equal author contribution) [PMID: 20172174](#)
21. **Grogan EL**, Deppen SA, Pecot C, Putnam, JB, Nesbit, JA, Shyr, Y, Rajanbabu, R., Lambright, ES, Ory, B, Massion, PP. Diagnostic characteristics of a serum biomarker in patients with positron emission tomography scans. *Annals of Thoracic Surgery* 2010:89:1724-1729. [PMCID: PMC3026702](#)
22. Isbell J*, Deppen S, Putnam JB, Nesbitt JC, Lambright ES, Dawes, A, Massion PP, Speroff T, Jones DR, **Grogan EL**. Existing General Population Models Inaccurately Predict Lung Cancer Risk in Patients Referred for Surgical Evaluation. *Annals of Thoracic Surgery* 2011:91(1):227-33 [PMID: 21172518](#) [PMCID: PMC3748597](#)
23. St. Julien J*, Putnam JB, Nesbitt JC, Lambright ES, Petracek MR, **Grogan EL**. Successful treatment of atriopharyngeal fistula via cervical esophageal ligation and decompression. *Annals of Thoracic Surgery*. 2011 Jun;91(6):e85-6. [PMID:21619954](#)
24. Deppen, SA*, Putnam, JB, Andrade, G Speroff, T, Nesbitt, JC, Lambright, ES, Massion, PP, Walker, R **Grogan, EL**, Accuracy of FDG-PET to diagnose lung cancer in a region of endemic granulomatous disease. *Annals of Thoracic Surgery* 2011: 92(2) 428-433. [PMCID: PMC3186439](#)
Selected for *Annals of Thoracic Surgery* CME-1 program
25. **Grogan EL**, Weinstein JJ**, Deppen SA, Putnam JB, Nesbitt JC, Lambright ES, Walker R, Dittus RS, Massion PP. Thoracic operations for focal pulmonary lesions are frequently not futile in patients with a benign pathologic diagnosis. *Journal of Thoracic Oncology* 2011 Oct;6(10):1720-1725. [PMID: 21760552](#)
**Equal first author contribution
26. Pecot CV, Li M, Zhang X, Rajanbabu R, Calitri C, Bungum A, Jett JR, Putnam JB, Callaway-Lane C, Deppen S, **Grogan EL**, Carbone DP, Worrell JA, Moons KGM, Shyr Y, Massion PP, Added Value of a Serum Proteomic Signature in the Diagnostic Evaluation of Lung Nodules.

- Cancer Epidemiology, Biomarkers and Prevention*. May 2012 12:786 [PMID: 22374995](#) [PMCID: PMC3660018](#)
27. Hassanein M, Callison CJ, Aldrich M, Lane C, **Grogan EL**, Massion, PP. The state of molecular biomarkers for the early detection of lung cancer. *Cancer Prevention Research* 2012;5 992-1006 [PMID: 22689914](#) [PMCID: PMC3723112](#)
 28. St. Julien J*, Pinkerman R, Aldrich MC, Chen H, Deppen S, Callaway-Lane C, Massion PP, Putnam JB, Lambright ES, Nesbit JC, **Grogan EL**. Poor Survival for Veterans with Pathologic Stage I Non-Small Cell Lung Cancer. *American Journal of Surgery* 2012;5: 637-642. [PMID: 22906246](#) [PMCID: PMC3766956](#)
 29. St. Julien J*, Aldrich MC, Sheng S, Deppen SA, Burfiend WR, Putnam JB, Nesbitt JC, **Grogan EL**, Obesity Increases Operating Room Time in Patients Undergoing Lobectomy in the Society of Thoracic Surgery Database. *Annals of Thoracic Surgery* 2012;94:1841-7. [PMID: 23040822](#) [PMCID: PMC3748581](#)
 30. Nesbitt JC, St. Julien J, Absi T, Ahmad RM, **Grogan EL**, Balegeur J, Lambright ES, Wu W, Putnam JB, Tissue-Based Coronary Surgery Simulation: Medical Student Deliberate Practice Can Achieve Equivalency to Senior Surgery Residents. *Journal of Thoracic and Cardiovascular Surgery* 2013;145(6):1458-9. [PMID:23499474](#)
 31. Aldrich MC, **Grogan EL**, Munro HM, Signorello LB, Blott WJ, Stage-adjusted lung cancer survival does not differ between low-income Blacks and Whites. *Journal of Thoracic Oncology* 2013;8(10) : 2013;8:1248-1254 doi:10.1097/JTO [PMID:24457235](#) [PMCID: PMC3901948](#)
 32. **Grogan EL**, Deppen S, Ballman K, Andrade GM, Verdail FC, Aldrich MC, Chen H, Decker PA, Harpole D, Cerfolio R, Keenan R, Jones DR, D'Amico TA, Shrager JB, Meyers BF, Putnam JB. Accuracy of FDG-PET within the clinical practice of the ACOSOG Z4031 trial to diagnose clinical stage I NSCLC. *Annals of Thoracic Surgery* 2014;97:1142-8. [PMID:24576597](#) [PMCID: PMC4008142](#)
 33. Deppen SA, Davis T, Green E, Rickman O, Aldrich MA, Putnam JB, **Grogan EL**, Cost-Effectiveness of Initial Diagnostic Strategies for Solitary Pulmonary Nodules Presenting to Thoracic Surgeons. *Annals of Thoracic Surgery*. 2014;98:1214-22. [PMID: 25087933](#) [PMCID: PMC4186897](#)
 34. Deppen SA*, Blume JD, Aldrich MC, Fletcher SA, Massion PP, Walker RC, Chen HC, Speroff T, Necessary CA, Lambright ES, Nesbit, JC, Putnam JB, **Grogan EL**. Predicting lung cancer in a preoperative population. *Journal of Thoracic Oncology* 2014;9:1477-84. [PMID: 25170644](#) [PMCID:PMC4272613](#)
 35. Deppen SA*, Blume JD, Kensinger CD, Morgan AM, Aldrich MC, Massion PP, Walker RC, McPheeters ML, Putnam JB, and **Grogan EL**. Accuracy of FDG-PET to diagnose lung cancer in areas with infectious lung disease: A meta-analysis. *JAMA* 2014;312(12):1227-36 [PMID: 25247519](#) [PMCID: PMC45315183](#)
 36. Shaver CM, Castilho JL, Cohen DN, **Grogan EL**, Miller GG, Dummer JS, Gray JN, Lambright ES, Loyd JE, Robbins IM, Fatal Scopulariopsis Infection in a Lung Transplant Recipient: Lessons of Organ Procurement. *American Journal of Transplant* 2014;14(12):2893-7; [PMID 25376207](#) [PMCID: PMC4263480](#)
 37. St. Julien J*, Lang R, Brown T, Aldrich M, Deppen S, Wu H, Tarpley M, Hill G, Tarpley J, Beauchamp RD, **Grogan EL**. Minority Underrepresentation in Academia: Factors Impacting Careers of Surgery Residents *Journal of Racial and Ethnic Health Disparities* 2014;1(4);238-246. [PMID 25396113](#) [PMID: PMC4226069](#)

38. Deppen SA, Blume JD, **Grogan EL**, A reply to Bertolaccini et Al., *J Thorac Oncol*. 2015 Feb;10(2):e8-9. [PMID: 25611234](#)
39. Blume JD, Deppen SA, **Grogan EL**. Heterogeneity in Meta-analysis of FDG-PET Studies to Diagnose Lung Cancer-Reply. *JAMA*. 2015 313(4):419-420. [PMID:25626042](#).
40. Aldrich MC, Munro HM, Mumma M, **Grogan EL**, Massion PP, Blackwell TS, Blot WJ. (2015) Chronic Obstructive Pulmonary Disease and Subsequent Overall and Lung Cancer Mortality in Low-Income Adults. *PLoS ONE*. 2015 Mar 26;10(3):e0121805 [PMID:25811837](#) [PMCID: PMC4374870](#)
41. Maiga AW, Deppen SA, Pinkerman R, **Grogan EL**. A Successful Institutional Strategy to Increase the Number of Therapeutic Operations Among Patients With Lung Lesions. *JAMA Surgery*. 2015 Published online October 14, 2015 [PMID: 26465637](#)
42. Raymond DP, Seder CW, Wright CD, Magee MJ, Kosinski AS, Cassivi SD, **Grogan EL**, Blackmon SH, Allen MS, Park BJ, Burfeind WR, Chang AC, DeCamp MM, Wormuth DW, Fernandez FG, Kozower BD, Predictors of Major Morbidity or Mortality After Resection for Esophageal Cancer: A Society of Thoracic Surgeons General Thoracic Surgery Database Risk Adjustment Model. *Ann Thor Surg*; 2016 Jul 1(102)207-14. [PMID: 27240449](#)
43. Maiga AM*, Pinkerman R, Deppen SA, Scruggs J, Mcguire P, Tarpley JL, Grogan EL. tPA and DNase for Complicated Parapneumonic Effusions and Empyemas. *The American Surgeon*. In press.

*Mentored paper

Invited Articles and Commentaries (non- peer reviewed)

1. **Grogan EL**, Jones DR. VATS / Robotic is better than open approaches in thoracic surgery: What is the evidence for short term outcomes. *Thoracic Surgery Clinics* 2008;18:249-258. [PMID 18831499](#)
2. Cuadrado DG*, **Grogan EL**. Management of Superior Sulcus Tumors: Posterior Approach. *Operative Techniques in Thoracic and Cardiovascular Surgery*. (2011) 16(2): 154-166.
3. Cuadrado DG*, **Grogan EL**. Video-Assisted Thoracic Surgery in Lung Cancer: Lung Resection and Mediastinal Lymph Node Staging. *Current Respiratory Care Reports* 2012, Feb 15, Volume 1, Issue 1)
4. Deppen SA*, **Grogan EL**. Invited commentary. *Annals of Thoracic Surgery* 2012; 93(4): 1068-1069. [PMID: 22450060](#)
5. Deppen SA, **Grogan EL**, Aldrich MC, Massion PP, Lung Cancer Screening and Smoking Cessation: A Teachable Moment? *JNCI Journal of the National Cancer Institute* 2014 106 (4): dju122doi: 10.1093/jnci/dju122 [PMID: 24872542](#)
6. Cuadrado DG, **Grogan EL**. Localization Techniques for Small Lung Nodules. *Operative Techniques in Thoracic and Cardiovascular Surgery* 2014; 19(2): 179-198.
7. Ziarnik E*, **Grogan EL**, Post lobectomy early complications. *Thoracic Surgery Clinics*. 2015: June doi10.1016/j.thorsurg2015.04.003 [PMID: 26210931](#) [NIHMS#715252](#)
8. Deppen SA, **Grogan EL**, Using Clinical Risk Models for Lung Nodule Classification. *Seminars in Thoracic and Cardiovascular Surgery*. 2015;27(1):30-35 [PMID: 26074107](#)

*Mentored paper

Book Chapters

1. **Grogan EL**, Holzman MD. Gallstone Ileus. *Unbound Surgery*, TN Papas, GP Purcell, (eds). Unbound Medicine 2004, available at www.unboundsurgery.com.
2. Deppen SA*, **Grogan EL**. Lung Cancer: Risk Factors and Diagnosis. Nova Publishers, 2013
3. Maiga AW*, **Grogan EL**. Radioguided surgery of small pulmonary nodules. *Radioguided Surgery-Current Practice and Future Directions*, 2015 in press

*Mentored chapter

Peer Reviewed Oral Presentations:

1. **Grogan EL****, Robertson D. Pressor Effects of Oral Water in Primary Autonomic Failure. The VIII International Symposium on the Autonomic Nervous System, Honolulu, Hawaii, Nov. 2-4, 1997.
2. **Grogan EL****, Holzman MD. Documenting Patient Acuity Level: The General Surgery Progress Note. Nashville Surgical Society, Nashville, TN, Jan 6, 2004.
3. **Grogan EL****, Norris PR, Speroff T, Ozdas A, France DJ, Harris P, Jenkins JM, Stiles RA, Dittus RA, Morris JA. Volatility: A New Vital Sign Identified Utilizing A Novel Bedside Monitoring Strategy. Eastern Association for the Surgery of Trauma, Scientific Assembly, Amelia Island, FL, Jan 15, 2004.
4. **Grogan EL**, Morris JA**, Norris PR, France, DJ, Ozdas A, Harris PA, Speroff T. Reduced Heart Rate Volatility: An Early Predictor of Death in Trauma Patients. American Surgical Association 124th Annual Symposium, San Francisco, CA. April 17, 2004.
5. **Grogan EL****, Moore DE, Speroff T, Diaz JJ, Dittus RA, Morris JA. Cervical Plain Films Should be Eliminated in the High Risk Patient: Results From Decision Analysis Using an Institutional Perspective. American College of Surgeons Clinical Congress, New Orleans, LA October 10-14, 2004.
6. **Grogan EL****, Stuckenborg GJ, Nagji, AS, Simmons W, Kozower BD, Jones DR, Daniel, TM. Radiotracer-Guided Thoracoscopic Resection is a Cost-effective Technique for the Evaluation of Sub-centimeter Pulmonary Nodules. Society of Thoracic Surgeons, Ft. Lauderdale, FL, January 28, 2008.
7. Hennessey SA, **Grogan EL**, Harthun NL, Jones DR, Kozower BD, Lau CL**. Symptomatic pulmonary emboli in lung transplant recipients. International Society for Heart and Lung Transplantation. Paris, France, April 2009.
8. **Grogan EL****, Deppen SA, Pecot, C, Shyr, Y, Rajanbabu, R, Putnam, JB, Lambright, ES, Nesbit, JA, Massion, PP, Role of a serum proteomic signature in the management of pulmonary nodules. Southern Thoracic Surgical Association, Marco Island, FL, November, 5, 2009.
9. Isbell J*, Deppen S, Massion, PP, Deming S, McPheeters M, Dawes, A, Lambright ES, Nesbitt J, Putnam JB, **Grogan EL**, Separating the wheat from the chaff: Is it time for a model that predicts benign disease in patients with pulmonary nodules?, Society of Thoracic Surgeons, Ft Lauderdale, FL, January 2010.
10. **Grogan EL****, Weinstein JJ, Deppen SA, Putnam JB, Nesbitt JC, Lambright ES, Walker R, Dittus RS, Massion PP. Are negative thoracotomies futile in patients with benign pulmonary nodules? American College of Chest Physicians (CHEST), Vancouver, Canada, November 2010.

11. Deppen, SA, Putnam, JB, Andrade, G Speroff, T. Nesbitt, JC, Lambright, ES, Massion, PP, Walker, R, **Grogan, EL****, Diagnostic Accuracy of FDG-PET to predict cancer in a region of endemic granulomatous disease. Southern Thoracic Surgical Association, Orlando, FL, November 5, 2010.
12. St. Julien J*, Pinkerman R, Deppen S, Callaway-Lane C, Lambright E, Putnam JB, **Grogan EL**. Poor Survival for Veterans with Pathologic Stage I Non-Small Cell Lung Cancer. Association of VA Surgeons, Miami, FL, April 1, 2012.
13. **Grogan EL****, Deppen S, Ballman K, Andrade GM, Verdail FC, Aldrich MC, Chen H, Decker PA, Harpole D, Cerfolio R, Keenan R, Jones DR, D'Amico TA, Shrager JB, Meyers BF, Putnam JB. Accuracy of FDG-PET to diagnose lung cancer in the ACOSOG Z4031 trial. *Lung Cancer: American Society of Clinical Oncology, Chicago, IL June 4, 2012.*
<http://chicago2012.asco.org/ASCODailyNews/Abstract7008.aspx>
14. St. Julien JB, Nesbitt JC, Absi TS, Ahmad RM, **Grogan EL**, Balaguer JM. Tissue-Based Coronary Surgery Simulation: Medical Student Deliberate Practice Can Achieve Equivalency to Senior Surgery Residents. *Western Thoracic Surgical Association, June 27, 2012.*
15. **Grogan EL****, Deppen S, Ballman K, Andrade GM, Verdail FC, Aldrich MC, Chen H, Decker PA, Harpole D, Cerfolio R, Keenan R, Jones DR, D'Amico TA, Shrager JB, Meyers BF, Putnam JB. Accuracy of FDG-PET to diagnose lung cancer in the ACOSOG Z4031 trial. *ALLIANCE for clinical trials in oncology symposium, Chicago IL, June 28, 2012.*
16. **Grogan EL****, Deppen S, Ballman K, Andrade GM, Verdail FC, Aldrich MC, Chen H, Decker PA, Harpole D, Cerfolio R, Keenan R, Jones DR, D'Amico TA, Shrager JB, Meyers BF, Putnam JB. Accuracy of FDG-PET to diagnose lung cancer in the ACOSOG Z4031 trial. *Best of ASCO: American Society of Clinical Oncology, Chicago, IL July 13, 2012, Boston, MA, August 4, 2012, San Diego, CA, August 11, 2012.*
17. **E. L. Grogan****, S.A. Deppen, H. Chen, K.V. Ballman, G. Verdail, M.C. Aldrich, P. Decker, D. Harpole, R. Cerfolio, R. Keenan, D. R. Jones, T. A. D'Amico, J. Shrager, B. Meyers, J.B. Putnam FDG-PET avidity negatively impacts survival in pStage I NSCLC in the ACOSOG Z4031 trial. American Association for Cancer Research. Annual Meeting, Washington, DC, April 10, 2013.
18. S. A. Deppen, W. T. Davis, E. A. Green, O. Rickman, M. C. Aldrich, S. Fletcher, J. B. Putnam, Jr. , **E. L. Grogan****, Cost-Effectiveness of Initial Diagnostic Strategies for Solitary Pulmonary Nodules Presenting to Thoracic Surgeons, Society of Thoracic Surgeons, Annual Meeting, January 28, 2014
19. Amelia Maiga, Beth Koontz, Melinda Aldrich, John Baddley, Eric Grogan, Steve Deppen "Using a suitability score model to map *Histoplasmosis capsulatum*". Epidemiology Congress of the Americas, Miami, FL, June 2016.
20. Amelia Maiga, MD, MPH; Rhonda Pinkerman, NP; Stephen A. Deppen, Jennifer Scruggs, Philip Mcguire, John L. Tarpley, Eric L. Grogan, "tPA and DNase for Complicated Parapneumonic Effusions and Empyemas". Association of VA Surgeons (AVAS), Virginia Beach, VA, April 2016.
21. Amelia W. Maiga, Stephen A. Deppen, Rhonda Pinkerman, Eric L. Grogan "A successful institutional strategy to increase therapeutic operations in patients with lung lesions", Association of VA Surgeons (AVAS), Miami Beach, FL, May 2015.

**presenter

*Mentored presentation

Poster Presentations:

1. Poulouse B, Schmidt C, Moore D, **Grogan E**, Davidson J, Nanney L, Holzman M. Histologic and Tensile Characteristics of Perforated versus Non-Perforated Small Intestine Submucosa Used as a Bioprosthesis. Vanderbilt University Medical Center 21st Annual Research Forum, Nashville, TN April 23, 2003.
2. Roumie CL, **Grogan EL**, Falbe W, Speroff T, Dittus R, Elasy TA. A Paradigm for Responding to New Knowledge: The Case of Hormone Replacement Therapy. Vanderbilt University Medical Center 21st Annual Research Forum, Nashville, TN April 23, 2003.
3. **Grogan EL**, Norris PR, Speroff, T, Morris JA. Volatility: A New Vital Sign Identified Utilizing a Novel Bedside Monitoring Strategy. Vanderbilt University Medical Center 21st Annual Research Forum, Nashville, TN April 23, 2003.
4. Roumie CL, **Grogan EL**, Falbe W, Speroff T, Dittus R, Elasy TA. A Paradigm for Responding to New Knowledge: The case of HRT. Society of General Internal Medicine 26th Annual Meeting, May 1-3, 2003.
5. **Grogan EL**, Deppen SA, Roumie C, Elasy T, Dittus R, Holzman, Speroff T. Documenting Patient Acuity Level using a Templated Progress Note. Institute for Healthcare Improvement, New Orleans, LA, Dec 5, 2003.
6. **Grogan EL**, Norris PR, Morris JA. Dense Data Capture Suggests a Mean Arterial Pressure of 70 is an Inadequate Resuscitation Endpoint. Society for Critical Care Medicine, Orlando, FL, Feb 21, 2004.
7. Moore DE, **Grogan EL**, Speroff T, Holzman MD. Cost Perspectives of Laparoscopic and Open Appendectomy. Society of Gastrointestinal and Endoscopic Surgeons, Denver, CO, March 31-April 3, 2004.
8. **Grogan EL**, Norris PR, France, DJ, Ozdas A, Harris PA, Speroff T, Morris JA. Reduced Five Minute Heart Rate Volatility: An Early Predictor of Death in Trauma Patients. Vanderbilt University Medical Center, 22nd Annual Research Forum, Nashville, TN, May 5, 2004.
9. Speroff T, Gaffney FA, **Grogan EL**, Higgins M, Seddon R, France DJ, Nixon WR. Crew Resource Management: From Aviation to Healthcare, 9th European Forum on Quality Improvement in Health Care, Copenhagen, Denmark, May 12-14, 2004.
10. **Grogan EL**, France DJ, Nixon B, Speroff T, Gaffney FA, Seddon MR, Stiles R, Pinson CW. Evaluation of Crew Resource Management as a Tool to Improve Patient Safety. American College of Surgeons Clinical Congress, New Orleans, LA, Oct 10-14, 2004.
11. Deppen SA*, Andrade GM, Lambright ES, Nesbitt JC, Massion PP, Putnam JB, **Grogan EL**. FDG-PET does not accurately diagnose early stage lung cancer in an area of endemic histoplasmosis and other granulomatous disease. Cancer Epidemiology, Biostatistics and Bioinformatics Retreat - Vanderbilt Ingram Cancer Center, Nashville, TN December 4, 2009.
12. Verdail FC*, St.Julien J, Deppen SA, Walker RC, Massion PP, **Grogan EL**. 111In-DOTATATE Radioprobe Guided Thoracoscopic Localization of Lung Cancer. Vanderbilt University Emphasis Program Forum, Vanderbilt University Medical Center, Nashville, TN May2, 2011.

13. Deppen SA*, Putnam JB, Lambright E, Nesbit, JC, **Grogan EL**. Multiple Imputation in Small Clinical Datasets: a Prediction Model for Lung Cancer, 3rd North American Congress of Epidemiology, Montreal, Quebec, Canada, June 21-24, 2011.
14. Callaway-Lane, CL*, Donaldson, T; Mion, L; Massion, PP; Deppen, S; Speroff, T; Dittus, RS; **Grogan, EL**. Association Between Malignancy Score and Timeliness of Outpatient Care for Veterans Presenting with Signs of Lung Cancer. VA Annual Advanced Practice Nursing Conference, Chicago, IL August 16-19, 2011.
15. Castilho JL, Miller GG, **Grogan EL**, Lambright ES, Dummer JS, Loyd JE, Fosnot J, Cohen DN, Robbins IM. Scapulriopsis Infection Following Lung Transplant: Lessons of Organ Procurement. International Society of Heart and Lung Transplantations, Prague April 2012.
16. Aldrich MC, **Grogan EL**, Munro HM, Signorello LB, Blott WJ, Racial Differences in lung cancer survival among low income U.S. Adults. Translational Science Meeting, Washington, DC, April 19, 2012.
17. St. Julien J*, Lang R, Brown T, Aldrich M, Deppen S, Tarpley M, Hill G, Tarpley J, Beauchamp RD, **Grogan EL**. Factors Influencing Pursuit of Academic Careers Among Surgical Fellows Vanderbilt University Medical Center, 20th Annual Research Forum, Nashville, TN, April 24, 2012.
18. Deppen S*, **Grogan EL**, Ballman K, Andrade GM, Verdail FC, Aldrich MC, Chen H, Decker PA, Harpole D, Cerfolio R, Keenan R, Jones DR, D'Amico TA, Shrager JB, Meyers BF, Putnam JB. Accuracy of FDG-PET to diagnose lung cancer in the ACOSOG Z4031 trial. *ALLIANCE for clinical trials in oncology symposium, Chicago IL, June 28, 2012.*
19. Deppen SA*, Phillips S, Aldrich MC, Shyr Y, **Grogan EL**. Geographic variation of benign lung disease in the US: Implications for lung cancer screening. Annual Meeting of the American College of Epidemiology, Chicago, IL, September 8-11, 2012. (received Associate Member grant award for top 10 reviewed abstracts)
20. Kelly P*, Sandal J, Deppen SA, Aldrich MC, Putnam JB, Chen H, Wu H, St. Julien J, Pretorius M, **Grogan EL**, Perioperative Exposures Associated with Prolonged Length of Stay after Pulmonary Resection. Annual Meeting of the American College of Surgeons, Chicago, IL, September 30-October 4, 2012.
21. Jaik NP, Deppen SA, Tyler R, Dirda LF, McBride, **Grogan EL**, Lambright ES, Nesbitt JC, Putnam, JB Jr. Silent aspiration following esophagectomy: Assessment and management through pathway driven patient care can reduce costs. Society of Thoracic Surgery 49th Annual Meeting Jan. 26-29, 2013 - Los Angeles
22. Deppen SA*, Phillips S, McPheeters M, Aldrich MC, Blume J, Penson DF, Shyr Y, **Grogan EL**. "Benign disease prevalence after surgical lung resection varies geographically in the US Medicare population, implications for lung cancer screening." American Association for Cancer Research. Annual Meeting Washington, DC, April 10, 2013.
**Received the blue ribbon award for best poster
23. Deppen SA*, Aldrich MC, Walker R, Necessary CA, Chen C, Wu H, Blume J, Massion PP, Speroff T, Dittus RS, Putnam JB, **Grogan EL**. "A new model improves lung cancer prediction in the preoperative evaluation of patients with suspicious lung lesions." American Association for Cancer Research. Annual Meeting Washington, DC, April 10, 2013.
24. Fletcher S, Blume J, Deppen SA, Aldrich MC, Chen H, Putnam JB and **Grogan EL**. Using clinical models at the bedside: Overcoming the conundrum of missing data. The 20th IEA World Congress of Epidemiology. Anchorage, AK, August, 2014.

*Mentored poster

Master's Thesis:

Documenting Patient Acuity level: The General Surgery Progress Note
Master's of Public Health, Oral Defense
Vanderbilt University Medical Center

October, 2003