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**CURRENT POSITION**

Assistant Professor  
Department of Thoracic Surgery and Division of Epidemiology  
Vanderbilt University Medical Center

**EDUCATION:**

- 1988 **Tennessee Technological University**, Cookeville, Tennessee, *Bachelor of Science in Finance*, cum laude  
**Tennessee Technological University**, Cookeville, Tennessee, *Bachelor of Science in Economics*, cum laude  
1991 **University of Tennessee**, Knoxville, Tennessee, *Masters of Arts in Economics*  
1994 **Indiana University**, Bloomington, Indiana, School of Public and Environmental Affairs, *Masters of Science in Environmental Science*  
2013 **Vanderbilt University**, Nashville, Tennessee, *Doctorate of Epidemiology*

**Additional Education**

Grant Workshop for early investigators, AACR National Meeting, Washington DC, 2013  
Geographic Information Systems in Epidemiology, 5<sup>th</sup> International Congress of Epidemiology, 2011  
Grant workshop for early investigators, 5<sup>th</sup> International Congress of Epidemiology, 2011  
Grantsmanship Workshop – AATS, Bethesda, MD March, 2010  
Regression Modeling Strategies Short Course, Nashville, TN March, 2007

**LICENSURE/CERTIFICATION:**

Tai Chi Chuan Instructor, 1995, William CC Chen  
HAZWOPER basic certification 1995-1998.

**HOSPITAL APPOINTMENTS:**

Assistant Professor of Cardio-Thoracic Surgery, Department of Thoracic Surgery, Vanderbilt University Medical Center, 2014

Health Systems Database Analyst III, Vanderbilt University Medical Center, Department of Thoracic Surgery, 2010

Health Systems Database Analyst III, Vanderbilt University Medical Center, Department of Accreditations and Standards with Department of Nursing, 2006.

Health Systems Database Analyst, Vanderbilt University Medical Center, Center for Clinical Improvement, 2004.

Statistician, Vanderbilt University Medical Center, Center for Clinical Improvement, 1999.

Data Coordinator, Vanderbilt University Medical Center, Center for Clinical Improvement, 1998.

**OTHER EMPLOYMENT:**

Assistant Health Scientist, Computer Systems Administrator, **McLaren/Hart Consulting, ChemRisk Division**, Oak Ridge Tennessee, 1996-1997

Environmental Scientist, **Earth Tech**, Bloomington Indiana, 1994-1996

Researcher, **Environmental Assessment Group, Environmental Science Division, Oak Ridge National Laboratory**, 1993-1994 Lawrence Barnhouse and Dan Knudsen Advisors

Research Assistant, **Institute for Development Strategies, Indiana University**, 1991-1993

Research Assistant, **Tennessee Valley Authority**, Knoxville, Tennessee, 1989-1991

**HONORS AND AWARDS:**

**Undergraduate**

GTE Business Scholarship	1986 -1988
Phi Kappa Phi	1988
Cum Laude, Tennessee Technological University	1988
Honors Program Alumni Award, Tennessee Technological University	2004

**Graduate**

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>	2012
Top 10 Associate Member Poster – American College of Epidemiology, Chicago, IL	2012
Finalist, General Thoracic Division, Society of Thoracic Surgeons Annual Meeting	2012
Aflac-AACR Scholar-in-training award, American Association for Cancer Research Annual meeting, Washington DC	2013
Finalist 3 Minute Talk, All Graduate School competition, Vanderbilt University	2013
Graduate Student of the Year, Vanderbilt Ingram Cancer Center	2013

**Post-Graduate**

2 <sup>nd</sup> place best poster Vanderbilt Ingram Cancer Center, Spring	2014
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**PROFESSIONAL ORGANIZATIONS:**

American Association for Cancer Research – Associate member	
Society of Epidemiology Research –Member	
Society of Thoracic Surgeons – Associate member	
American College of Epidemiology, Member – Epidemiology Policy Committee	2012-2018
Campbell Collaboration, Campbell Methods Group	
Academy for Healthcare Improvement, member (2007)	

**INSTITUTIONAL SERVICE (Committees, Councils, Task Forces)**

HED Nursing Documentation reporting task force	2007-2008
Nursing Leadership Board	2004-2008
Nursing Administrative Board	2004-2008
Nursing Pharmacy Committee	2007-2008
Vanderbilt University Medical Center’s Pharmacy & Therapy Committee	2003-2008
Graduate Student Council representative	2011-2013
President Epidemiology Graduate Student Association	2011-2012
Treasurer Epidemiology Graduate Student Association	2012-2013
Epidemiology Doctoral Program application committee	2015-current
Doctoral Student Advisor, Department of Epidemiology	2016-current

Curriculum Reviewer, Vanderbilt School of Medicine  
SCCS Publications Committee

2016-current  
2016-current

**TEACHING:**

Course instructor EPID 8331 Quantitative Methods and Measurement, 2 hr credit, PhD level class as a core requirement of the Vanderbilt Epidemiology Doctoral curriculum. Fall 2016.

Guest Lecturer, Environmental Health, PUBH 5516, "Thinking like an environmental consultant: Epidemiology, Risk and Policy; Spring 2016

Guest Lecturer, Environmental Surveillance and Public Health, "Thinking like an environmental consultant: Epidemiology, Risk and Policy; Fall 2016

EPI 399X - Directed studies, Multiple Imputation Methods for Epidemiologists, Spring 2015; Fall 2014

Guest Lecturer, Applied Epidemiologic Methods in Regression I (EPI 321, PhD), Fall 2012, 2013, 2014, 2015, 2016

Guest Lecturer, Clinical Economics & Decision Analysis, Post-Graduate (MD)  
Spring 2003, Spring 2005, Fall 2008, Fall 2010, Spring 2013

Teaching assistant, Clinical Economics & Decision Analysis Winter 2013

Guest Lecturer, Quality Improvement in Nursing Administration Post-Graduate (Nursing)  
Spring 2006, Spring 2007

Tai Chi Chuan Instructor, Health Plus 2000-2015

Tai Chi Chuan Instructor, Center for Integrative Health, Vanderbilt University Medical Center  
2007-2009

Teaching Assistant, Principles of Economics, University of Tennessee, Knoxville 1989-1990

**REVIEW RESPONSIBILITIES:**

Campbell Collaboration, Campbell Methods Group, Methodological Reviewer  
Health Research Board (HRB) – Department of Health, Republic of Ireland – Special Grant reviewer.

**Manuscript Reviewer for:**

Journal of the National Cancer Institute – ad hoc (2013-current)

Annals of Thoracic Surgery – methods and statistics (2012-current)

Lung Cancer – ad hoc (2014-current)

PLOS One - ad hoc (2015-current)

BMC Public Health – (2016-current)

Institute for Healthcare Improvement (IHI) Scientific Symposium (2003-2004)

**GRANT AWARDS:**

*Current Research Support*

**NIH - 1 R01 CA207401-01A1**

Vanderbilt Ingram Cancer Center, Vanderbilt University Medical Center

2017-2022

PI: Pamela Hull

Title: Increasing HPV vaccine uptake in community-based pediatric practices

Role: Co-Investigator-cost effectiveness expert

15% effort

Goal: Determine the effectiveness and cost-effectiveness of implementing an intervention to improve HPV vaccination completion in the state of Tennessee.

**VA –Career Development Award 2 (\$700,000)**

2011-2017

Tennessee Valley Healthcare System, Nashville, TN PI: Eric Grogan  
Title: Decreasing Unnecessary Invasive Lung Cancer Diagnostic Procedures  
Role: Data support

*Past Support*

**Vanderbilt Ingram Cancer Center Thoracic Pilot Project (\$50,000)** 2015-2016

PI: Stephen Deppen and Eric Grogan

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

Role: Primary Investigator

A pilot study examining correlation between serological testing for fungal lung diseases and false positive FDG-PET scans of lung nodules suspicious for lung cancer.

**Educational Award – Society of Nuclear Medicine and Molecular Imaging (\$150,000)** 2014-2015

Vanderbilt University Medical Center, Department of Radiology

PI: Dominique Delbeke

Title: 68Ga-DOTATATE compared to 111In-octreotide imaging for pulmonary and Gastroenteropancreatic neuroendocrine tumors with PET/CT: a Systematic review and Meta-analysis

**Department of Defense: Lung Cancer Research Program Early Investigator Synergistic Award (\$400,000)** 2012-2014

Vanderbilt University School of Medicine PI: Melinda Aldrich & Eric Grogan

Title: Prognosis of Lung Cancer: Heredity or Environment

Role: Data support

**Agency for Healthcare Research and Quality (AHRQ) – R03 (\$100,000)** 2012-2014

Vanderbilt University School of Medicine PI: Eric Grogan

Regional Variation of FDG-PET Scans to diagnose lung cancer

Role: Data support

**INVITED LECTURES:**

Confounding and effect modification, a basic primer. V-CORE cooperative with National Hospital of Vietnam and University of Hanoi School of Public Health, January 9-11, Hanoi, Vietnam.

How to write for English Journals. V-CORE cooperative with National Hospital of Vietnam and University of Hanoi School of Public Health, January 9-11, Hanoi, Vietnam.

“OMOP Quality Assurance: process and SQL applications” VINCI OMOP COIN Training Seminar, September 6-8, 2016, VA Salt Lake City Health Care System, Salt Lake City, UT.

VA Health Services Research and Development National Cyberseminars:

Update on the VINCI OMOP (Observational Medical Outcomes Partnership) Special Project” – VINCI informational series 6/23/2016 URL:

[http://www.hsrd.research.va.gov/for\\_researchers/cyber\\_seminars/archives/video\\_archive.cfm?SessionID=1178](http://www.hsrd.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=1178)

“VA Informatics and Computing Infrastructure (VINCI) Observational Medical Outcomes Partnership (OMOP)” – VINCI informational series 2/4/2016 URL:

[http://www.hsrd.research.va.gov/for\\_researchers/cyber\\_seminars/archives/video\\_archive.cfm?SessionID=1112](http://www.hsrd.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=1112)

“Using REDCap: data management in studies linking primary and secondary data” – VIREC Good Data Practices Series. 9/24/2015 URL:

[http://www.hsrp.research.va.gov/for\\_researchers/cyber\\_seminars/archives/video\\_archive.cfm?SessionID=1044](http://www.hsrp.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=1044)

“Regional Variation of Diagnostic Imaging and Validation of a Lung Cancer Predictive Model for Surgeons: ancillary proposal for CALGB 140503” Alliance for clinical trials in oncology, Thoracic Surgery Group, Chicago, IL, Nov 2014.

“Development of a lung cancer prediction model for surgeons and factors affecting its national application.” School of Public Health, Memphis State University, Memphis TN Nov, 2013

“The Great Masquerader: Granulomatous disease in Tennessee”  
Advances in the Management of Thoracic Diseases 2012, Nashville, TN April 2012

“Moral Hazard and Clinical Decision Making” and “Available data sources at VUMC” (MPH program) Vanderbilt School of Medicine, October 2008, 2010, Jan. 2013

“Operational Statistics, Control Charts and Other Practical Tools for Nursing Managers” (MS program) Vanderbilt University School of Nursing, March 2006. March 2007

“Seasonality in Labor and Clinical data.” (MS program), Vanderbilt University School of Nursing, April 2005.

“Understanding Seasonality in the Clinical Setting.” Quality Grand Rounds. VUMC Feb 2003.

## **PUBLICATIONS:**

### **A. ORIGINAL INVESTIGATIONS**

- 1) Walker RC, **Deppen SA**, Smith GT, Shi C, Lehman J, Clanton J, Moore B, Burns R, Grogan EL, Massion PP. 68Ga-DOTATATE PET/CT Imaging of Indeterminate Pulmonary Nodules and Lung Cancer. Plos One (In Press)
- 2) Maiga A, Pinkerman R, **Deppen SA**, Scruggs F, McGuire P, Tarpley J, Grogan E. “tPA and DNase for Complicated Parapneumonic Effusions and Empyemas”. The American Surgeon. (In Press).
- 3) 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. 2016 Feb; 151(2): 193-4.. [PMID: 26465637](#)
- 4) **Deppen SA**, Liu E, Blume JD, Clanton J, Shi CJ, Jones-Jackson LB, Lakhani V, Baum RP, Berlin J, Smith GT, Sandler MP, Delbeke D, Walker RC. Safety and Efficacy of 68Ga-DOTATATE PET/CT for Diagnosis, Staging and Treatment Management of Neuroendocrine Tumors. *Journal of Nuclear Medicine*. 2016. [PMID: 26769865](#)
- 5) **Deppen SA**, Blume JD, Bobbey AJ, Graham MM, Lee P, Delbeke D, Walker RC. 68Ga-DOTATATE compared to 111In-octreotide and conventional imaging for pulmonary and gastroenteropancreatic neuroendocrine tumors: a systematic review and meta-analysis. *Journal of Nuclear Medicine*. 2016.
- 6) **Deppen SA** and Grogan EL. Using Clinical Risk Models for Lung Nodule Classification. *Seminars in Thoracic and Cardiovascular Surgery*. 2015 Spring; 27 (1):30-5. [PMID: 26074107](#).
- 7) **Deppen SA**, Blume JD, Kensinger CD, Morgan AM, Aldrich MC, McPheeters M, Massion PP, Walker RC, Putnam JB, Grogan EL. Accuracy of FDG-PET to diagnose lung cancer in areas with infectious lung disease: A meta-analysis.2014. *JAMA: the Journal of the American Medical Association*. 312(12), 1227-1236. [PMID:25247519](#)

- 8) **Deppen SA**, Blume JD, Aldrich MC, Fletcher SA, Massion PP, Walker RC, Chen HC, Speroff T, Necessary CA, Lambright ES, Nesbitt JC, Putnam JB, Grogan EL. Predicting lung cancer in a preoperative population. *Journal of Thoracic Oncology*. Volume 9(10), October 2014, p 1477-1484. [PMID: 25170644](#)
- 9) Thorpe L, Assari S, **Deppen S**, Glied S, Lurie N, Mauer MP, Mays VM. The Role of Epidemiology in Disaster Response Policy Development. *Annals of Epidemiology*. 2014. doi: <http://dx.doi.org/10.1016/j.annepidem.2014.05.016>
- 10) 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](#)
- 11) **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* Oct 2014. 98(4), 1214-1222. [PMID: 25087933](#)
- 12) Grogan EL, **Deppen SA\***, 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.\*co-first author. *Annals of Thoracic Surgery*. 2014 Feb 97 (4):1142-1148.
- 13) Nesbitt JC, St. Julien J, Absi TS, Ahmad RM, Grogan EL, Balaguer JM, Lambright ES, **Deppen S**, Wu H, 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.
- 14) St. Julien JB, Pinkerman R, Aldrich MC, Chen H, **Deppen SA**, Callaway-Lane C, Massion P, Putnam JB, Lambright ES, Nesbitt JC, Grogan EL. Poor survival for veterans with pathologic stage I non-small-cell lung cancer. *American Journal of Surgery*. 2012 Nov 204(5):626-30.
- 15) St Julian, JB, Aldrich, MC, Sheng, S, **Deppen, SA**, Burfeind, WR, Putnam JB, Lambright, EL, Nesbitt, JC, Grogan, EL., Obesity increases operative time in patients undergoing lobectomy in the STS thoracic database. *Annals of Thoracic Surgery*. 2012 Dec 94(6):1841-7.
- 16) **Deppen SA**, Aldrich MA, Berg C, Colditz GA, Petitti D, Hartge P, Haitt RA. Cancer Screening: the journey from epidemiology to policy. *Annals of Epidemiology*. 2012 June; 22(6):439-45.
- 17) Nesbitt JC, **Deppen SA**, Corcoran R, Cogdill S, Huckabay S, McKnight D, Osborne BF, Werking K, Gardner M, Perrigo L.. Post-Operative ambulation in thoracic surgery patients: An observational study of standard versus modern ambulation methods. *Nursing Critical Care*. 2012 17(3): 130-7.
- 18) Pecot C, Li M, Zhang X, Rajanbabu R, Calitri C, Bungum A, Jett J, Putnam JB, Callaway-Lane C, **Deppen SA**, Grogan EL, Carbone D, Worrell J, Moons K, Shyr Y, and Massion PP. Added Value of a Serum Proteomic Signature in the Diagnostic Evaluation of Lung Nodules. *Cancer Epidemiology, Biomarkers and Prevention*, 2012 May;21(5): 786-92.

- 19) **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*;:92(2): 428-432; discussion 433, Aug 2011. (Selected for Society of Thoracic Surgeons CME program)
- 20) 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*. 6(10):1720-1725, October 2011.
- 21) FitzHenry F, Doran J, Lobo B, Sullivan, Thomas M, Potts A, Feldott CC, Matheny ME, McCulloch G, **Deppen, SA**. Doulis J, Medication-error alerts for warfarin orders detected by a bar-code-assisted medication administration system. *Am J Health Syst Pharm* 2011 68(5):434-441.
- 22) Isbell, JM, **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 in patients referred for surgical evaluation. *Ann Thorac Surg*, 2011 Jan;91(1):227-33; discussion 233.
- 23) Grogan, EL, **Deppen, S**, Pecot, CV, Putnam, JB, Nesbitt, JC, Shyr, Y, Rajanbabu, R, Ory, B, Lambright, ES, Massion, PP [Diagnostic characteristics of a serum biomarker in patients with positron emission tomography scans](#). *Ann Thorac Surg*,2010 89(6), 1724-8; discussion 1728-9.
- 24) Daniels, TL, **Deppen S**, Arbogast, PG, Griffin, MR, Schaffner, W, Talbot, TR, Mortality rates associated with multi-resistant acinetobacter baumannii infection in surgical intensive care units. *Infection Control Hospital Epidemiology*. October 2008. 1080-1083.
- 25) Stiles RA., **Deppen SA**, Figaro MK, Gregg WM, Jirjis JN, Rothman RL, Johnson PE, Miller RA, Dittus RS, Speroff T. Behind-the-Scenes of Patient-Centered Care : Content Analysis of Electronic Messaging Among Primary Care Clinic Providers and Staff. *Medical care*, Dec. 2007 vol 45. Pp.1205-1209 and appendix of code.
- 26) Pandharipande PP, Pun BT, Herr DL, Maze M, Girard TD, Miller RR, Shintani AK, Thompson JL, Jackson JC, **Deppen SA**, Stiles RA, Dittus RS, Bernard GR, Ely EW . Effect of sedation with dexmedetomidine vs lorazepam on acute brain dysfunction in mechanically ventilated patients: the MENDS randomized controlled trial. *JAMA : the Journal of the American Medical Association* 2007;298(22):2644-53.
- 27) May AK, Fleming SB, Carpenter RO, Diaz JJ, Guillamondegu, OD, **Deppen SA**, Miller RS, Talbot TR, Morris JA. Influence of Broad-Spectrum Antibiotic Prophylaxis on Intracranial Pressure Monitor Infections and Subsequent Infectious Complications in Head-Injured Patients. *Surgical Infections*. October 2006, 7(5): 409-417.
- 28) Grogan EL, Speroff T, **Deppen SA**, Roumie CL, Elasy TA, Dittus RS, Rosenbloom ST, Holzman MD. Improving documentation of patient acuity level using a progress note template. *J Am Coll Surg*. 199(3):468-475, 2004. PMID: 15325618
- 29) Milbrandt, EB, **Deppen, S**, Harrison, PL, Shintani, AK, Speroff, T, Stiles, RA, Truman, B, Bernard, GR, Dittus, RS, and Ely, EW. Costs Associated with Delirium in Mechanically Ventilated Patients. *Critical Care Medicine*, April 2004, 32(4):955-62.

## B. REVIEWS, BOOK CHAPTERS, CASE REPORTS, LETTERS, EDITORIALS

Blume, JD, **Deppen SA**, and Grogan EL. 2015. Heterogeneity in meta-analysis of FDG-PET studies to diagnose lung cancer—reply." *JAMA* 313(4): 419-420.

**Deppen, SA**, Blume JD, and Grogan EL. 2015. A Reply to Bertolaccini et al. *Journal of Thoracic Oncology* 10(2): e8-e9.

Hassanein M, Aldrich MC, **Deppen SA**, Krueger KE, Grogan EL, Massion PP. State-of-the-Science in Biomarker Research: Early Detection of Lung Cancer. Early Detection Research Network, NCI. 2014.

**Deppen SA**, Aldrich MC, Massion PP, Grogan EL. Invited editorial – Tammemagi MC, Berg C Riley T, Cummingham C, Taylor K, Lung cancer screening and smoking cessation: A teachable moment. *JNCI*. 106(6) with associated press release.

**Deppen SA**, Grogan EL. Introduction to lung cancer, its epidemiology and diagnosis, IN: Developments in lung cancer science and treatment. Nova Publishers, Ed. Gately, K., 2013 e-publication.

**Deppen SA**, Grogan EL, Invited Commentary - Endo C, Sakurada A, Notsuda H, Noda M, Hoshikawa Y, Okada Y, Kondo T. Results of long-term follow-up of patients with completely resected non-small cell lung cancer. *Ann Thorac Surg* 2012, April; 93(4): 1068-9.

Natural Resource Damage Assessment Implementation Project: Savannah River Site. U.S. DOE Office of Environmental Policy and Assistance. October 1995. Barnhouse, LW, Bascietto, JJ, **Deppen, SA**, Dunford, RW, Gray, DE, Sharples, FE.

### C. **ABSTRACTS (peer-reviewed)**

- 1) Maiga A, Pinkerman R, **Deppen SA**, Scruggs F, McGuire P, Tarpley J, Grogan E. "tPA and DNase for Complicated Parapneumonic Effusions and Empyemas". Association of VA Surgeons (AVAS), Virginia Beach, VA, April 2016.
- 2) **Deppen SA**, Liu E, Blume JD, Clanton J, Shi CJ, Jones-Jackson LB, Lakhani V, Baum RP, Berlin J, Smith GT, Sandler MP, Delbeke D, Walker RC. Safety and Efficacy of 68Ga-DOTATATE PET/CT for Diagnosis, Staging and Treatment Management of Neuroendocrine Tumors. World Molecular Imaging Congress. Honolulu, Hawaii, September 2015.
- 3) Almarashda MJ, **Deppen SA**, Putnam JB. Accuracy of Clinical and Pathological Staging of Non-Small Cell Lung Cancer in a Residency Education Program. World Conference on Lung Cancer (IASLC), Denver, CO. Sept 2015.
- 4) Maiga A, **Deppen SA**, Pinkerman R, Grogan E. "A successful institutional strategy to increase therapeutic operations in patients with lung lesions", Association of VA Surgeons (AVAS), Miami Beach, FL, May 2015.
- 5) Fletcher SA, Blume JD, **Deppen S**, Aldrich M, Chen H, Putnam JB, Grogan EL. Using clinical models at the bedside: Overcoming the conundrum of missing data. World Congress of Epidemiology, August 2014
- 6) **Deppen SA**, Davis WT, Green EA, Rickman O, Aldrich MC, Fletcher S, Putnam JB, and Grogan EL. Cost-Effectiveness of Initial Diagnostic Strategies for Solitary Pulmonary Nodules Presenting to Thoracic Surgeons. Society of Thoracic Surgery, January 2014



- 7) Grogan EL, **Deppen SA**, 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. "FDG-PET avidity negatively impacts survival in pStage I NSCLC in the ACOSOG Z4031 trial" plenary presentation American Association of Cancer Researchers, Annual meeting Washington DC, April 9, 2013.
- 8) **Deppen SA**, "Lung Cancer Screening, the Intersection of Science, Epidemiology and Delivery" panel presentation in The Practice of Epidemiology: Intersection of Science, Policy and Service for the Future of Epidemiology Session at the 140th Annual Meeting of the American Public Health Association in San Francisco, October, 29, 2012.
- 9) 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.
- 10) Grogan EL, **Deppen SA\***, 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 Jun 4, 2012 \*co-1<sup>st</sup> author.  
<http://chicago2012.asco.org/ASCODailyNews/Abstract7008.aspx> (Awarded Best of ASCO)
- 11) 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 [abstract]. American College of Surgeons Meeting. March 1, 2012
- 12) Callaway-Lane, CL, Donaldson, T, Mion, L, Massion, PP, **Deppen, SA**, 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.
- 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, to be held June 21-24, 2011 in Montreal, Quebec, Canada. Peer reviewed.
- 14) Castel LD, Hartmann KE, **Deppen SA**, Mayer IA, Boomershine CS, Abramson VG, Chakravarthy AB, McLellan SE, Friedman DL, Johnson DH, Cella DF. Pilot analysis of risk factors for joint pain over 12 weeks in women taking aromatase inhibitors. Poster Presentation, Clinical and Translational Research and Education Meeting: ACRT/SCTS/ AFMR Joint Annual Meeting, Washington, DC. April 27-29, 2011.
- 15) 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.
- 16) **Deppen SA**, Putnam JB, Lambright E, Nesbit, JC, Andrade G, Massion PP, Speroff T, Grogan EL. Diagnostic Utility of FDG-PET to Predict Lung Cancer in a Region of Endemic Granulomatous Disease. Plenary session, Southern Thoracic Surgical Association, Annual conference, Orlando FL, November 2010. Peer reviewed.

- 17) Castel, LD, **Deppen, S**, Friedman, D, Mayer, I, Harrell, F, Feurer, I, Hartmann, K  
Longitudinal joint pain in postmenopausal women with early-stage breast cancer  
taking aromatase inhibitors, International Society for Quality of Life Research, Annual  
conference, London UK. October 2010. Peer reviewed
- 18) 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 Surgery, January 2010.
- 19) Grogan E, **Deppen S**, Pecot C, Shyr Y, Rajanbabu R, Putnam JB, Lambright ES,  
Nesbitt J, Massion PP. Role of a serum proteomic signature in the management of  
pulmonary nodules, Southern Thoracic Surgical Association, October 2009.
- 20) Carpenter RO, Speroff T, **Deppen SA**, Stiles RA, Schaffner W, Talbot TR, Griffin  
MR, Holzman MD. Cost-utility analysis of oral vs. parenteral antibiotic prophylaxis in  
clean & clean/contaminated cases. Podium Presentation at the NRSA Trainees  
Research Conference, Seattle, WA, 2006.
- 21) Bontrager J, Stiles RA, **Deppen SA**, Elasy T. Characterization of Costs Associated  
with Maintenance of Patients with Type II Diabetes. Institute for Healthcare  
Improvement (IHI) 16<sup>th</sup> Annual National Forum on Quality Improvement in Healthcare  
/ Scientific Symposium, Orlando, FL, December 13, 2004.
- 22) Milbrandt EB, **Deppen S**, Harrison PL, Shintani AK, Speroff T, Stiles RA, Elasy T,  
Truman B, Bernard G, Dittus RS, Ely EW. ICU Delirium: A Costly Complication in  
Critically Ill Patients. *AJRCCM* 2003; 167(7):A969.
- 23) **Deppen, S**. Throop, P., Creech, B., and Temple, P. Vanderbilt University Medical  
Center, Nashville, TN. Understanding Seasonality in Healthcare: Improving Pediatric  
Asthma Care. Institute for Healthcare Improvement (IHI) 14<sup>th</sup> Annual National Forum  
on Quality Improvement in Healthcare / Scientific Symposium, Orlando, FL,  
December 9, 2002.
- 24) Deshpande, J. MD, Throop, P., France, D., Bognar, A., Taylor, M., Churchwell, K.,  
Lynn, C., **Deppen, S**, Miles, P., Speroff, T. Process Improvement Reduces Hospital  
Costs Associated With a Novel Treatment (Inhaled Nitric Oxide) Without Adversely  
Affecting Patient Outcome. Institute for Healthcare Improvement (IHI) 14<sup>th</sup> Annual  
National Forum on Quality Improvement in Healthcare / Scientific Symposium,  
Orlando, FL, December 9, 2002.
- 25) **Deppen, S**, State gross product estimation, variance and factors. Panel member,  
Southern Regional Economic Association, Washington D.C. 1991.

#### D. POSTER PRESENTATIONS

- 1) Maiga A, **Deppen SA**, Pinkerman R, Massion PP, Rickman O, Grogan E. The  
TREAT Model 2.0: Expanding Lung Cancer Prediction to High-Risk Clinics. ATS  
International Conference, Washington DC, May 2017.
- 2) Maiga A, **Deppen SA**, Pinkerman R, Callaway-Lane C, Massion PP, Speroff T,  
Dittus R, Lambright ES, Nesbitt JC, Baker D, Grogan E. Timeliness of Care and  
Lung Cancer T-stage Progression: how long can we wait? Society of Thoracic  
Surgery Annual Conference, Houston TX, January 2017

- 3) Maiga A, Koontz B, Aldrich MC, Grogan E, **Deppen SA**. "Using a suitability score model to map Histoplasmosis capsulatum". Epidemiology Congress of the Americas, Miami, FL, June 2016.
- 4) **Deppen SA**, Bobbey A, Clanton J, Sandler MP, Delbeke D, Walker RC. Clinical Trial: Safety of 68Ga-DOTATATE PET/CT in Patients with Neuroendocrine Tumors. World Molecular Imaging Congress. Honolulu, Hawaii, September 2015.
- 5) Almarashda MJ, **Deppen SA**, Putnam JB. Accuracy of clinical and pathological staging of non-small cell lung cancer in a residency education program. 16<sup>th</sup> World conference on lung cancer. Denver Colorado, September 6-9, 2015.
- 6) **Deppen SA**, Phillips S, McPheeters M, Aldrich MC, Blume J, Penson D, Shyr Y, Grogan EL. Geographic variation of benign lung disease in the US Medicare population, implications for lung cancer screening. Annual Meeting of American Association of Cancer Research. Washington D.C., April 6-10, 2013. (*received AACR-AFLAC scholar in training award, AACR press release, and multiple press interviews by print and social media*).
- 7) **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. Annual Meeting of American Association of Cancer Research. Washington D.C., April 6-10, 2013.
- 8) Jaik NP, **Deppen SA**, Dirda TR, McBride LF, Grogan EL, Lambright ES, Nesbitt JC, Putnam JB. Silent aspiration following esophagectomy: Assessment and management through pathway driven patient care can reduce costs. Submitted for presentation – Society for Thoracic Surgeons, 49th Annual Meeting Jan. 26-29, 2013 - Los Angeles. *General Thoracic poster presentation finalist*.
- 9) Kelly P, Sandal J, **Deppen SA**, Aldrich M, Putnam JB, Chen H, Wu H, St. Julien J, Grogan E, Pretorius M, 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.
- 10) **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*)
- 11) **Deppen SA**, 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, Chicago, IL June 29-July1, 2012
- 12) 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, 20<sup>th</sup> Annual Research Forum, Nashville, TN, April 24, 2012.
- 13) 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
- 14) **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, June 21-24, 2011 in Montreal, Quebec, Canada.
  - 15) 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 May 2, 2011.
  - 16) **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.
  - 17) Deshpande, J., France, D. Boignar, A. **Deppen, S.** Throop, P., Speroff, T. Reducing Hospital Costs Associated with Novel Therapies Without Adversely Affecting Patient Outcomes: *a Process Improvement journey with inhaled nitric oxide*. American College Healthcare Executives. 2004. Poster Presentation. Chicago, IL.
  - 18) **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.
  - 19) Walczyk, B., **Deppen, S.** Improving access-exit functions at academic medical centers. American College Healthcare Executives. 2002. Poster Presentation. New York, NY.

## E. WORK IN PROGRESS

- 1) Sandler KL, **Deppen SA\***, Chen HC, Dickerson AB, Montgomery CD, Aldrich MC, Pinkard P, Massion PP, Rickman O, and Grogan EL. Using Fungal Serology with PET Imaging to Diagnose Indeterminate Pulmonary Nodules in an Endemic Region. Submitted
- 2) Maiga A, **Deppen SA**, Pinkerman R, Massion PP, Rickman O, Grogan E. The TREAT Model 2.0: Expanding Lung Cancer Prediction to High-Risk Clinics.
- 3) Maiga A, **Deppen SA**, Pinkerman R, Callaway-Lane C, Massion PP, Speroff T, Dittus R, Lambright ES, Nesbitt JC, Baker D, Grogan E. Timeliness of Care and Lung Cancer T-stage Progression: how long can we wait? Society of Thoracic Surgery Annual Conference. Submitted