

Curriculum Vitae

Laura A. Graham

VA Palo Alto Health Care System
795 Willow Rd., 152-MPD
(650) 499-9204
lagraham@stanford.edu
laura.graham@va.gov

A. Professional Appointments

Current

Investigator, VA Palo Alto Health Care System, Health Economics Resource Center (HERC), Palo Alto, CA. 04/20 – present
Affiliate scientist, Stanford-Surgery Policy Improvement Research & Education (S-SPIRE), Stanford, CA, 12/17 – present
Affiliate scientist, Stanford Distinguished Careers Institute (DCI), Stanford, CA, 12/22 – present

Prior

Investigator, the University of Alabama at Birmingham, Department of Gastrointestinal Surgery, Birmingham, AL 01/17 – 08/19
Lead Epidemiologist, Health Services Research Unit, Birmingham VA Medical Center, Birmingham, AL 12/08 – 12/17
Contracting Analyst, The Assessment Group, LLC, Birmingham, AL 04/12 – 09/13
Contracting Project Coordinator, QC Metrix, Inc., Waltham, MA 01/12 – 03/12
Epidemiologist, Centers for Disease Control and Prevention (CDC) / Atlanta, GA 11/07 – 12/08
Research Assistant, Birmingham VA Medical Center, Birmingham, AL 06/05 – 10/07
Research Assistant, Breast Cancer Surveillance Consortium 05/05 – 08/05
Research Assistant, Valdosta State University, Valdosta, GA 08/03 – 12/03

B. Educational Background

2014 – 2017 Doctor of Philosophy (Ph.D.) / Epidemiology, The University of Alabama at Birmingham, Birmingham, AL
2004 – 2006 Master of Public Health (M.P.H.) / Epidemiology, The University of Alabama at Birmingham, Birmingham, AL
2001 – 2004 Bachelor of Science (B.S.) / Biology, Valdosta State University, Valdosta, GA

Fellowship Training

12/17 – 04/20 VA Palo Alto Health Care System, Center for Innovation to Implementation (Ci2i), Palo Alto, CA
My postdoctoral fellowship included work in health services research at the Center for Innovation to Implementation (Ci2i) within the VA Palo Alto Health Care System. This fellowship allowed me to build skills and acquire training in cost-effectiveness analyses and implementation science. As a fellow, I worked on self-directed research under the guidance of a team of mentors that included a health economist, an implementation scientist, and a practicing surgeon.

Certifications

2010 VA Health Informatics Certificate Program, American Medical Informatics Association

C. Memberships in Professional Societies

2018 – present Surgical Outcomes Club
2016 – present American Medical Informatics Association
2016 Society of Epidemiologic Research
2015 – present American Heart Association
2010 Academy Health

Curriculum Vitae

2008 Society of Epidemiologic Research

D. Honors and Awards

2022 – 2024 Early Career Award Program, Veterans Affairs Sierra Pacific Network (VISN 21), Department of Veterans Affairs

2017 Lawrence M. Brass Stroke Research Award, American Heart Association / American Stroke Association / American Brain Foundation

2015 – 2016 Graduate Tuition Scholarship, the University of Alabama at Birmingham

2004 – 2005 Public Health Merit Scholarship, the University of Alabama at Birmingham

2003 Golden Key International Honour Society Invitation, Valdosta State University

2002 Alpha Epsilon Delta Invitation, Valdosta State University

2001 – 2004 Dean's List, Valdosta State University

2001 – 2004 Odum Scholarship, Valdosta State University

2001 – 2002 Honor Program Participant, Valdosta State University

E. Scholarly Publications

Published peer-reviewed original research (81 published)

1. Shanahan J, Vimalananda VG, **Graham L**, Schumann R, Mull HJ. Association Between Preoperative Diabetes Control and Postoperative Adverse Events Among Veterans Health Administration Patients With Diabetes Who Underwent Elective Ambulatory Hernia Surgery. *JAMA Network Open*. 2023 Mar 1;6(3):e236318. doi:10.1001/jamanetworkopen.2023.6318
2. Liu X, Steinman MA, Lee SJ, Peralta CA, **Graham LA**, Li Y, Jing B, Fung KZ, Odden MC. Systolic Blood Pressure, Antihypertensive Treatment, and Cardiovascular and Mortality Risk in VA Nursing Home Residents. *J Am Geriatr Soc*. 2023 Feb 24. Doi: 10.1111/jgs.18301.
3. **Graham LA**, Gray C, Illarmo S, Wagner TH, Hawn MT, Wren S, Iannuzzi J, Harris, AS. Applying Cognitive Task Analysis to Health Services Research. *Health Serv Res*. 2022 Nov 24. doi: 10.1111/1475-6773.14106.
4. **Graham LA**, Schoemaker L, Rose L, Morris A, Aouad M, Wagner Expansion of the Veterans Health Administration Network and Surgical Outcomes. *JAMA Surg*. 2022;157(12):1115-1123. doi:10.1001/jamasurg.2022.4978
5. Yong C, **Graham LA**, Gummidipundi S, Hong J, Burdon T, Fearon W, Asch S, Heidenreich P. Myocardial Infarction across COVID-19 Pandemic Phases: Insights from the Veterans Health Affairs System. *Circulation*. Accepted May 19, 2022.
6. Shapiro L, **Graham LA**, Kamal R, Hawn MT. Quality Reporting Windows May Not Capture the Effects of Surgical Site Infections After Orthopaedic Surgery. *J Bone Joint Surg Am*. 2022 Jul 20;104(14):1281-1291. doi: 10.2106/JBJS.21.01278.
7. Odden MC, Li Y, Lee SJ, Steinman MA, Liu CK, **Graham LA**, Jing B, Fung K, Marcum Z, Peralta CA. Trends in Blood Pressure Diagnosis, Control, and Treatment among VA Nursing Home Residents, 2007-2018. *J Am Geriatr Soc*. 2022 Aug;70(8):2280-2290. doi: 10.1111/jgs.17821.
8. Marcum ZA, Li Y, Lee SJ, Steinman MA, **Graham LA**, Jing B, Fung K, Peralta CA, Odden MC. Association of Antihypertensives and Cognitive Impairment in Long-Term Care Residents. *J Alzheimers Dis*. 2022;86(3):1149-1158. doi: 10.3233/JAD-215393.
9. **Graham LA**, Lee SJ, Steinman MA, Peralta CA, Rubinsky AD, Jing B, Fung KZ, Odden MC. Exploring the Dynamics of Week-to-Week Blood Pressure in Nursing Home Residents Before Death. *American Journal of Hypertension*. 2022 Jan;35(1):65-72. DOI: doi.org/10.1093/ajh/hpab142
10. Odden MC, Lee SJ, Steinman MA, Rubinsky AD, **Graham LA**, Jing B, Fung K, Marcum ZA, Peralta CA. Deprescribing Blood Pressure Treatment in Long-Term Care Residents. *Journal of the American Medical Directors Association*. 2021 Dec 1;22(12):2540-6. DOI: 10.1016/j.jamda.2021.07.009
11. Rajasingh CM, **Graham LA**, Richman J, Mell MW, Morris MS, Hawn MT. Challenging weekend discharges associated with excess length of stay in surgical patients at Veterans Affairs hospitals. *Surgery*. 2022 Feb; 171(2): 405-410. DOI: 10.1016/j.surg.2021.09.033
12. Rose L, Aouad M, **Graham LA**, Schoemaker L, Wagner T. Association of Expanded Health Care Networks with Utilization Among Veterans Affairs Enrollees. *JAMA network open*. 2021 Oct 1;4(10):e2131141. DOI: 10.1001/jamanetworkopen.2021.31141

Curriculum Vitae

13. **Graham LA**, Hawn MT, Dasinger EA, Baker SJ, Oriol BS, Wahl TW, Richman JS, Copeland LA, Itani KMF, Burns EA, Whittle J, Morris MS. Psychosocial Determinants of Readmission After Surgery. *Med Care*. 2021 Oct; 59(10): 864–871. DOI: 10.1097/MLR.0000000000001600
14. **Graham LA**, Wagner TH, Sambare TD, Hawn MT. Timing and Cost of Wound Complications After Colorectal Resection. *Diseases of the Colon & Rectum*. 2021 Dec 1;64(12):1551-8. DOI: DOI: 10.1097/DCR.0000000000002065
15. Rose L, **Graham L**, Koenecke A, Powell M, Xiong R, Shen Z, Mensh B, Kinzler KW, Bettgowda C, Vogelstein B, Athey S, Vogelstein JT, Konig MF, Wagner TH. (in press) The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality From COVID-19. *Front. Med*. March 31, 2021. DOI: 10.3389/fmed.2021.637647
16. Titan A, Doyle A, Pfaff K, Baiu I, Lee A, **Graham LA**, Shelton A, Hawn MT. Impact of policy-based and institutional interventions on postoperative opioid prescribing practices. *The American Journal of Surgery* 222 (4), 766-772. DOI: 10.1016/j.amjsurg.2021.02.004
17. Baker S, Malone E, **Graham LA**, Dasinger E, Wahl T, Titan A, Richman JS, Copeland LA, Burns E, Whittle J, Hawn MT, Morris ME. Patient-Reported Health Literacy Scores Are Associated with Readmissions Following Surgery. *Am J Surg*. 2020 Nov;220(5):1138-1144. DOI: 10.1016/j.amjsurg.2020.06.071.
18. **Graham LA**, Maldonado YA, Tomkins LS, Wald SH, Chawla A, Hawn MT. Asymptomatic SARS-CoV-2 Transmission from Community Contacts in Healthcare Workers. *Ann Surg*. Accepted April 10, 2020. DOI: 10.1097/sla.0000000000003968
19. Sambare TD, **Graham LA**, Itani KMF, Morris MS, Moshrefi S, Hawn MT. Impact of Gastrointestinal Surgical Site Wound Complications on Long-term Healthcare Utilization. *J Gastrointest Surg*. 2020 Jan 28. DOI: 10.1007/s11605-019-04489-2.
20. **Graham LA**, Malone EB, Richman JS, Carson AP, Affuso O, Knight SJ, Levitan EB. Association of Food Access, Recreational Opportunities and Natural Amenities with Engagement in a Weight Management Program. *Obesity (Silver Spring)*. 2020 Jan;28(1):55-64. DOI: 10.1002/oby.22640
21. Hernandez-Boussard T, **Graham LA**, Carroll I, Dasinger EA, Titan AL, Morris MS, Hawn MT. Perioperative Opioid Use and Pain-Related Outcomes in the Veterans Health Administration. 2020 Jun;219(6):969-975. DOI: 10.1016/j.amjsurg.2019.06.022.
22. Tabata MM, Rosenthal EL, Arbaugh CJ, Kin C, Kim E, **Graham LA**, Hawn MT. Trends in the Inclusion of Black and Female Surgeons in Invited Visiting Professorships. 2019 Sep 1;154(9):878-879. DOI: 10.1001/jamasurg.2019.2137.
23. **Graham LA**, Mull HJ, Wagner TH, Morris MS, Rosen AK, Richman JS, Whittle J, Burns E, Copeland LA, Itani KMF, Hawn MT. Comparison of a Potential Hospital Quality Metric with Existing Metrics for Surgical Quality-Associated Readmission. *JAMA Netw Open*. 2019 Apr 5;2(4):e191313. DOI: 10.1001/jamanetworkopen.2019.1313.
24. Dasinger EA, **Graham LA**, Wahl TS, Richman JS, Baker SJ, Hawn MT, Hernandez-Boussard T, Rosen AK, Mull HJ, Copeland LA, Whittle JC, Burns EA, Morris MS. Preoperative opioid use and postoperative pain associated with surgical readmissions. *Am J Surg*. 2019 Feb 28. PII: S0002-9610(18)31532-0. DOI: 10.1016/j.amjsurg.2019.02.033.
25. **Graham LA**, Wagner TH, Richman JS, Morris MS, Copeland LA, Harris AH, Itani KM, Hawn MT. Exploring Trajectories of Health Care Utilization Before and After Surgery. *J Am Coll Surg*. 2019 Jan;228(1):116-128. DOI: 10.1016/j.jamcollsurg.2018.10.010.
26. Valle JA, **Graham L**, Thiruvoipati T, Grunwald G, Armstrong EJ, Maddox TM, Hawn MT, Bradley SM. Facility-level association of preoperative stress testing and postoperative adverse cardiac events. *Heart*. 2018 Dec;104(24):2018-2025. DOI: 10.1136/heartjnl-2018-313047.
27. Wahl TS, **Graham LA**, Morris MS, Richman JS, Hollis RH, Jones CE, Itani KM, Wagner TH, Mull HJ, Whittle JC, Telford GL, Rosen AK, Copeland LA, Burns EA, Hawn MT. Association Between Preoperative Proteinuria and Postoperative Acute Kidney Injury and Readmission. *JAMA Surg*. 2018 Sep 1;153(9):e182009.
28. Mull HJ, **Graham LA**, Morris MS, Rosen AK, Richman JS, Whittle J, Burns E, Wagner TH, Copeland LA, Wahl T, Jones C, Hollis RH, Itani KMF, Hawn MT. Association of Postoperative Readmissions with Surgical Quality Using a Delphi Consensus Process to Identify Relevant Diagnosis Codes. *JAMA Surg*. 2018 Aug 1;153(8):728-737.
29. Jones CE, **Graham LA**, Morris MS, Richman JS, Hollis RH, Wahl TS, Copeland LA, Burns EA, Itani KM, Hawn MT. Association Between Preoperative Hemoglobin A1c Levels, Postoperative Hyperglycemia, and Readmissions Following Gastrointestinal Surgery. *JAMA Surg*. 2017 Nov 1;152(11):1031-1038.

Curriculum Vitae

30. Hernandez-Boussard T, **Graham LA**, Desai K, Wahl TS, Aucoin E, Richman JS, Morris MS, Itani KM, Telford GL, Hawn MT. The Fifth Vital Sign: Postoperative Pain Predicts 30-day Readmissions and Subsequent Emergency Department Visits. *Ann Surg*. 2017 Sep;266(3):516-524.
31. Richman JS, **Graham LA**, DeRussy A, Maddox TM, Itani KMF, Hawn MT. Perioperative beta-blockers and statins for noncardiac surgery patients with coronary stents. *Am J Surg*. 2017 Aug;214(2):180-185.
32. Wahl TS, **Graham LA**, Hawn MT, Richman J, Hollis RH, Jones CE, Copeland LA, Burns EA, Itani KM, Morris MS. Association of the Modified Frailty Index With 30-Day Surgical Readmission *JAMA Surg*. 2017 Aug 1;152(8):749-757.
33. Copeland LA, **Graham LA**, Richman JS, Rosen AK, Mull HJ, Burns EA, Whittle J, Itani KM, Hawn MT. A study to reduce readmissions after surgery in the Veterans Health Administration: design and methodology. *BMC Health Serv Res*. 2017 Mar 14;17(1):198.
34. Armstrong EJ, **Graham LA**, Waldo SW, Valle JA, Maddox TM, Hawn MT. Incomplete Revascularization Is Associated With an Increased Risk for Major Adverse Cardiovascular Events Among Patients Undergoing Noncardiac Surgery. *JACC Cardiovasc Interv*. 2017 Feb 27;10(4):329-338.
35. Jones CE, Hollis RH, Gullick AA, Wahl T, Richman JS, **Graham LA**, Lucy AT, Chu DI, Morris MS. Venous thromboembolic events: How low can you go? *Am J Surg*. 2017 Apr;213(4):706-710.
36. Hollis RH, **Graham LA**, Richman JS, Morris MS, Mull HJ, Wahl TS, Burns EA, Copeland LA, Telford GL, Rosen AK, Itani KF, Whittle J, Wagner TH, Hawn MT. Hospital Readmissions after Surgery: How Important are Hospital and Specialty Factors? *J Am Coll Surg*. 2017 Apr;224(4):515-523.
37. Hollis RH, Holcomb CN, Valle JA, Smith BP, DeRussy AJ, **Graham LA**, Richman JS, Itani KM, Maddox TM, Hawn MT. Coronary angiography and failure to rescue after postoperative myocardial infarction in patients with coronary stents undergoing noncardiac surgery. *Am J Surg*. 2016 Nov;212(5):814-822
38. Morris MS, **Graham LA**, Richman JS, Hollis RH, Jones CE, Wahl T, Itani KM, Mull HJ, Rosen AK, Copeland L, Burns E, Telford G, Whittle J, Wilson M, Knight SJ, Hawn MT. Postoperative 30-day Readmission: Time to Focus on What Happens Outside the Hospital. *Ann Surg*. 2016 Oct;264(4):621-31.
39. Valle JA, **Graham LA**, DeRussy A, Itani K, Hawn MT, Maddox TM. Triple Antithrombotic Therapy and Outcomes in Post-PCI Patients Undergoing Non-Cardiac Surgery. *World J Surg*. 2017 Feb;41(2):423-432.
40. Levitan EB, **Graham LA**, Valle JA, Richman JS, Hollis R, Holcomb CN, Maddox TM, Hawn MT. Pre-operative echocardiography among patients with coronary artery disease in the United States Veterans Affairs healthcare system: A retrospective cohort study. *BMC Cardiovasc Disord*. 2016 Sep 5;16(1):173.
41. Armstrong EJ, **Graham L**, Waldo SW, Valle JA, Maddox TM, Hawn MT. Patient and lesion-specific characteristics predict the risk of major adverse cardiovascular events among patients with previous percutaneous coronary intervention undergoing noncardiac surgery. *Catheter Cardiovasc Interv*. 2016 Jun 17.
42. Holcomb CN, **Graham LA**, Richman JS, Itani KM, Maddox TM, Hawn MT. The Incremental Risk of Coronary Stents on Postoperative Adverse Events: A Matched Cohort Study. *Ann Surg*. 2016 May;263(5):924-30.
43. Hollis RH, Singletary BA, McMurtrie JT, Graham LA, Richman JS, Holcomb CN, Itani KM, Maddox TM, Hawn MT. Blood Transfusion and 30-Day Mortality in Patients with Coronary Artery Disease and Anemia Following Noncardiac Surgery. *JAMA Surg*. 2016 Feb;151(2):139-45.
44. Valle J, **Graham LA**, Thiruvoipati T, Armstrong E, Hawn MT, Maddox TM, Bradley S. Is Preoperative Stress Testing Associated with 30-Day Postoperative Mortality in Patients Prior PCI Undergoing Noncardiac Surgery: Insights from the Veterans Affairs Health Care System. *J Am Coll Cardiol*. 2016;67(13_S):2110-2110. doi:10.1016/S0735-1097(16)32111-8
45. Blackledge C, **Graham LA**, Gullick AA, Richman J, Stahl R, Grams J. Outcomes associated with preoperative weight loss after laparoscopic Roux-en-Y gastric bypass. *Surg Endosc*. 2016 Nov;30(11):5077-5083. PMID: 26969666
46. Holcomb CN, Hollis RH, **Graham LA**, Richman JS, Valle JA, Itani KM, Maddox TM, Hawn MT. Association of Coronary Stent Indication with Postoperative Outcomes Following Noncardiac Surgery. *JAMA Surg*. 2015 Dec 30:1-8. PMID: 26720292
47. Hollis RH, **Graham LA**, Lazenby JP, Brown DM, Taylor BB, Heslin MJ, Rue LW, Hawn MT. A Role for the Early Warning Score in Early Identification of Critical Postoperative Complications. *Ann Surg*. 2015 Dec 16. PMID: 26692076
48. Killian JT Jr, Holcomb CN, **Graham LA**, Richman JS, Hawn MT. Delays in Surgery for Patients with Coronary Stents Placed After Diagnosis of Colorectal Cancer. *JAMA Surg*. 2015 Oct 21:1-3. PMID: 26501344

Curriculum Vitae

49. Hollis RH, Singletary BA, McMurtrie JT, **Graham LA**, Richman JS, Holcomb CN, Itani KM, Maddox TM, Hawn MT. Blood Transfusion and 30-Day Mortality in Patients with Coronary Artery Disease and Anemia Following Noncardiac Surgery. *JAMA Surg.* 2015 Oct 7:1-8. PMID: 26444569
50. **Graham LA**, Hollis RH, Richman JS, Hawn MT. Frequency of Surgery Cancellations Associated With Myocardial Infarction or Death 6 Months After Coronary Stent Placement. *JAMA Surg.* 2015 Oct 7:1-3. PMID: 26443936
51. Morris MS, **Graham LA**, Chu DI, Cannon JA, Hawn MT. Oral Antibiotic Bowel Preparation Significantly Reduces Surgical Site Infection Rates and Readmission Rates in Elective Colorectal Surgery. *Ann Surg.* 2015 Jun;261(6):1034-40. PMID: 25607761
52. Hollis RH, **Graham LA**, Lazenby JP, Hawn MT. Harnessing the Electronic Medical Record to Identify Patients at Risk for In-Hospital Complications. *Journal of the American College of Surgeons* 221(4): S126
53. Holcomb CN, **Graham LA**, Richman JS, Itani KM, Maddox TM, Hawn MT. The Incremental Risk of Coronary Stents on Postoperative Adverse Events: A Matched Cohort Study. *Ann Surg.* 2015 Apr 17. PMID: 25894416
54. Gullick AA, **Graham LA**, Richman JS, Kakade M, Stahl R, Grams J. Association of Race and Socioeconomic Status with Outcomes Following Laparoscopic Roux-en-Y Gastric Bypass. *Obes Surg.* 2015 Apr;25(4):705-11. PMID: 25304222
55. Armstrong EJ, **Graham LA**, Maddox TM, Hawn MT. Patient and Lesion-specific Characteristics Predict Risk of Major Adverse Cardiovascular Events Among Patients with Previous Percutaneous Coronary Intervention Undergoing Non-Cardiac Surgery. *J Am Coll Cardiol.* 2015 March 65(1): A1798.
56. Holcomb CN, **Graham LA**, Richman JS, Rhyne RR, Itani KM, Maddox TM, Hawn MT. The incremental risk of noncardiac surgery on adverse cardiac events following coronary stenting. *J Am Coll Cardiol.* 2014 Dec 30;64(25):2730-9. PMID: 25541124
57. Hunter JD, **Graham LA**, Obeid A, Grams J. The impact of limb length on weight loss following laparoscopic Roux-en-Y Gastric Bypass. *Journal of the American College of Surgeons* 219(4):e62-e63
58. **Graham LA**, Singletary BA, Richman JS, Maddox TM, Itani KMF, Hawn MT. Did the Revised ACC/AHA Guidelines for Patients with Cardiac Stents Improve Adverse Postoperative Outcomes? *JAMA Surg.* 2014 Sep. Epub ahead of print. PMID: 25188466.
59. Hawn MT, **Graham LA**, Richman JS, Itani KM, Henderson WG, Maddox TM. Risk of Major Adverse Cardiac Events Following Noncardiac Surgery in Patients with Coronary Stents. *JAMA.* 2013 Oct 9;310(14):1462-72. PubMed PMID: 24101118.
60. Hawn MT, Richman JS, Vick CC, Deierhoi RJ, **Graham LA**, Henderson WG, Itani KM. Timing of surgical antibiotic prophylaxis and the risk of surgical site infection. *JAMA Surg.* 2013 Jul 1;148(7):649-57. PubMed PMID: 23552769.
61. **Graham LA**, Maddox TM, Itani KM, Hawn MT. Coronary stents and subsequent surgery: reported provider attitudes and practice patterns. *Am Surg.* 2013 May;79(5):514-23. PubMed PMID: 23635588.
62. Hollis RH, **Graham LA**, Richman JS, Deierhoi RJ, Hawn MT. Adverse cardiac events in patients with coronary stents undergoing noncardiac surgery: a systematic review. *Am J Surg.* 2012 Oct;204(4):494-501. Epub 2012 Aug 4. Review. PubMed PMID: 22867724.
63. Hawn MT, **Graham LA**, Richman JS, Itani KM, Plomondon ME, Altom LK, Henderson WG, Bryson CL, Maddox TM. The incidence and timing of noncardiac surgery after cardiac stent implantation. *J Am Coll Surg.* 2012 Apr;214(4):658-66; discussion 666-7. Epub 2012 Feb 16. PubMed PMID: 22341201.
64. Altom LK, **Graham LA**, Gray SH, Snyder CW, Vick CC, Hawn MT. Outcomes for incisional hernia repair in patients undergoing concomitant surgical procedures. *Am Surg.* 2012 Feb;78(2):243-9. PubMed PMID: 22369837.
65. Hawn MT, Houston TK, Campagna EJ, **Graham LA**, Singh J, Bishop M, Henderson WG. The attributable risk of smoking on surgical complications. *Ann Surg.* 2011 Dec;254(6):914-20. PubMed PMID: 21869677.
66. Vick CC, **Graham LA**, Henderson WG, Houston TK, Hawn MT. Translating Preoperative Smoking Cessation Interventions in Routine Clinical Care of Veterans: Provider Beliefs. *Translational Behavioral Medicine.* 2011 Nov; 1(4): 604-608.
67. Porterfield JR Jr, Altom LK, **Graham LA**, Gray SH, Urist MM, Hawn MT. Descriptive operative reports: teaching, learning, and milestones to safe surgery. *J Surg Educ.* 2011 Nov-Dec;68(6):452-8. DOI: 10.1016/j.jsurg.2011.06.015. PubMed PMID: 22000530.

Curriculum Vitae

68. Hawn MT, Vick CC, Richman J, Holman W, Deierhoi RJ, **Graham LA**, Henderson WG, Itani KM. Surgical site infection prevention: time to move beyond the surgical care improvement program. *Ann Surg*. 2011 Sep;254(3):494-9; discussion 499-501. PubMed PMID: 21817889.
69. **Graham LA**, Altom LK, Vick CC, Snyder CW, Deierhoi RJ, Hawn MT. Agreement between patient survey and medical chart: Pitfalls in measurement strategies for hernia recurrence. *Surgery*. 2011 ep;150(3):371-8. Epub 2011 Jul 23. PubMed PMID: 21783217.
70. Altom LK, Snyder CW, Gray SH, **Graham LA**, Vick CC, Hawn MT. Outcomes of emergent incisional hernia repair. *Am Surg*. 2011 Aug;77(8):971-6. PubMed PMID: 21944508.
71. Hawn MT, Gray SH, Snyder CW, **Graham LA**, Finan KR, Vick CC. Predictors of mesh explantation after incisional hernia repair. *Am J Surg*. 2011 Jul;202(1):28-33. PubMed PMID: 21741517.
72. Snyder CW, **Graham LA**, Vick CC, Gray SH, Finan KR, Hawn MT. Patient satisfaction, chronic pain, and quality of life after elective incisional hernia repair: effects of recurrence and repair technique. *Hernia*. 2011 Apr;15(2):123-9. Epub 2010 Nov 12. PubMed PMID: 21072550.
73. Snyder CW, **Graham LA**, Gray SH, Vick CC, Hawn MT. Effect of mesh type and position on subsequent abdominal operations after incisional hernia repair. *J Am Coll Surg*. 2011 Apr;212(4):496-502; discussion 502-4. PubMed PMID: 21463777.
74. Hawn MT, Snyder CW, **Graham LA**, Gray SH, Finan KR, Vick CC. Hospital-level variability in incisional hernia repair technique affects patient outcomes. *Surgery*. 2011 Feb;149(2):185-91. PubMed PMID: 21238712.
75. Gough E, Kempf MC, **Graham L**, Manzanero M, Hook EW, Bartolucci A, Chamot E. HIV and hepatitis B and C incidence rates in US correctional populations and high-risk groups: a systematic review and meta-analysis. *BMC Public Health*. 2010 Dec 21;10:777. Review. PubMed PMID: 21176146; PubMed Central PMCID: PMC3016391.
76. Hawn MT, Snyder CW, **Graham LA**, Gray SH, Finan KR, Vick CC. Long-term follow-up of technical outcomes for incisional hernia repair. *J Am Coll Surg*. 2010 May;210(5):648-55, 655-7. PubMed PMID: 20421023.
77. Argo JL, Vick CC, **Graham LA**, Itani KM, Bishop MJ, Hawn MT. Elective surgical case cancellation in the Veterans Health Administration system: identifying areas for improvement. *Am J Surg*. 2009 Nov;198(5):600-6. PubMed PMID: 19887185.
78. Snyder CW, **Graham LA**, Byers RE, Holman WL. Primary sternal plating to prevent sternal wound complications after cardiac surgery: early experience and patterns of failure. *Interact Cardiovasc Thorac Surg*. 2009 Nov;9(5):763-6. Epub 2009 Aug 26. PubMed PMID: 19710069.
79. Gray SH, Vick CC, **Graham LA**, Finan KR, Neumayer LA, Hawn MT. Variation in mesh placement for ventral hernia repair: an opportunity for process improvement? *Am J Surg*. 2008 Aug;196(2):201-6. Epub 2008 May 29. PubMed PMID: 18513688.
80. Gray SH, Vick CC, **Graham LA**, Finan KR, Neumayer LA, Hawn MT. Risk of complications from enterotomy or unplanned bowel resection during elective hernia repair. *Arch Surg*. 2008 Jun;143(6):582-6. PubMed PMID: 18559752.
81. Gray SH, Vick CC, **Graham LA**, Finan KR, Neumayer LA, Hawn MT. Umbilical herniorrhaphy in cirrhosis: improved outcomes with elective repair. *J Gastrointest Surg*. 2008 Apr;12(4):675-81. PubMed PMID: 18270782.

Other published peer-reviewed publications (2 total)

1. **Graham LA**, Hawn MT. Learning Curves and the Challenges of Adopting New Surgical Techniques. *JAMA Netw Open*. 2019 Oct 2;2(10):e1913569. DOI: 10.1001/jamanetworkopen.2019.13569
2. **Graham LA**. Databases for surgical health services research: Veterans Health Administration data. *Surgery*. 2018 Aug 31. PII: S0039-6060(18)30485-9.

Abstracts (Only 1st Author Presentations are Shown, 18 Total)

1. **Graham LA**, Illarmo SM, Sox-Harris AH, Wagner TH, Hawn MT, Wren SM. Mapping. The Discharge Pathway for a Surgical Patient. Association of VA Surgeons Annual Meeting. April 24, 2023. Madison, WI.
2. **Graham LA**, Wagner TH, Schoemaker L, Rose L, Aouad M, Morris AM. The Impact of the Veterans' Choice Program on Access to Surgical Care. Academic Surgical Congress 2022. February 1, 2022. Orlando, FL.

Curriculum Vitae

- Graham LA**, Lee SJ, Steinman S, Peralta CA, Rubinsky A, Jing B, Fung K, Odden MC. Blood Pressure Variability and Complexity in Nursing Home Residents Before Death. The Gerontological Society of America (GSA) 2021 Annual Scientific Meeting. November 11, 2022. Virtual meeting.
- Graham LA**, Wagner TH, Sambare TD, Hawn MT. Association between Timing and Costs of Post-Operative Wound Complications. American College of Surgeons Clinical Congress 2019. October 29, 2019. San Francisco, CA.
- Graham LA**, Wagner TH, Hawn MT. Identifying Postoperative Infections with Trends in Inpatient Temperature. 2019 HSR&D/QUERI National Conference. October 29, 2019. Washington, DC.
- Graham LA**, Wagner TH, Sambare TD, Hawn MT. Association between Timing and Costs of Post-Operative Wound Complications. The 21st Annual Emile F. Holman Lecture In Surgery and 10th Annual Resident Research Day. May 3, 2019. Stanford, CA.
- Graham LA**, Wagner TH, Richman JS, Morris MS, Copeland LA, Harris AHS, Itani KMF, Hawn MT. Mental Health Conditions Associated with High Healthcare Utilization following Surgery. American College of Surgeons Clinical Congress 2018. October 22, 2018. Boston, MA.
- Graham LA**, Malone EB, Richman JS, Knight SJ, Affuso O, Carson AP, Levitan EB. The Effect of Community Characteristics on Weight Management Program Participation. AcademyHealth 2018. June 25, 2018. Seattle, WA.
- Graham LA**, Malone EB, Richman JS, Knight SJ, Affuso O, Carson AP, Levitan EB. Long-Term Participant Engagement in Weight Management Programs. American Heart Association / American Stroke Association Quality of Care and Outcomes Research 2018 Scientific Sessions. April 7, 2018. Arlington, VA.
- Graham LA**, Wahl T, Richman JS, Morris ME, Hawn MT. Estimating Surgery-Related Readmissions with a Crossover Design. Association of VA Surgeons Annual Meeting. May 8, 2017. Houston, TX.
- Graham LA**, Richman JS, Levitan EB. Weight Management program Characteristics: Keeping Patients Engaged Through Group Activities. American Heart Association EPI/Lifestyle 2017. March 8, 2017. Portland, OR.
- Graham LA**, Hollis RH, Richman JS, Maddox TM, Itani KM, Hawn MT. Surgical Cancellations due to Preoperative MI or Death are Less Frequent after 6 Months from Stent Placement. Association of VA Surgeons Annual Meeting. May 4, 2015. Miami Beach, FL.
- Graham LA**, Singletary BA, Richman JS, Maddox TM, Itani KM, Hawn MT. Did the Revised ACC/AHA Guidelines for Patients with Cardiac Stents Improve Adverse Postoperative Outcomes? Association of VA Surgeons Annual Meeting. April 6, 2014. New Haven, CT.
- Graham LA**, Maddox TM, Itani KMF, Hawn MT. Antiplatelet Therapy Management among Patients with Drug-Eluting Stents Undergoing Surgery. Association of VA Surgeons Annual Meeting. April 21, 2013. Milwaukee, WI.
- Graham LA**, Maddox TM, Itani KMF, Hawn MT. Drug-Eluting Stents and Subsequent Non-Cardiac Surgery: Provider Attitudes and Practice Habits. Association of VA Surgeons Annual. April 12, 2011. Irvine, CA.
- Graham LA**, Vick CC, Coley H, Bishop M, Houston TK, Hawn MT. VA Provider Acceptance of the Current Practice Guidelines for the Treatment of Tobacco Use. Academy Health Annual Research Meeting. June 28, 2010. Boston, MA.
- Graham LA**, Vick CC, Coley H, Bishop M, Houston TK, Hawn MT. Preoperative Smoking Cessation: Provider Attitudes on Delay or Refusal of Elective Surgery Based on Smoking Status. Academy Health Annual Research Meeting. June 28, 2010. Boston, MA.
- Graham LA**, Cannon MJ, Amin M, Gardner L, Klein RS, Mayer K, Rompalo A, Sobel J, Dollard SC. CMV Seroconversion and Shedding in CVL Specimens among Women with or at Risk for HIV Infection. Congenital Cytomegalovirus Conference, 2008.

Invited Presentations (8 total)

- Overview and Practical Applications of Corporate Data Warehouse (CDW) Utilization Data. VA Data Bootcamp 2022. Palo Alto, CA. September 26, 2022.
- Overview and Practical Applications of Corporate Data Warehouse (CDW) Utilization Data. VA Data Bootcamp 2021. Palo Alto, CA. October 26, 2021.
- HERC Econometrics with Observational Data: Research Design. HERC Health Economics Seminar Series: Econometrics with Observational Data (HEC). Menlo Park, CA. January 27, 2021.

Curriculum Vitae

4. Overview and Practical Applications of Corporate Data Warehouse (CDW) Utilization Data. VA Data Bootcamp 2020. Palo Alto, CA. October 16, 2020.
5. Overview and Practical Applications of Corporate Data Warehouse (CDW) Utilization Data. VA Data Bootcamp 2018. Palo Alto, CA. October 12, 2018.
6. Nuts and Bolts of VHA Data Warehouse Outcomes Research: What do I need to be successful? VA Surgeons Annual Meeting, Miami, FL. May 7, 2018.
7. Understanding Surgical Readmissions: Model Selection in a World of Big Data. Presented for the Palo Alto Center for Innovation to Implementation, Palo Alto, CA. March 14, 2016.
8. Examining Complex Relationships and Reporting Nonlinear Trends in Surgical Outcomes Research. Presented for Surgical Outcomes Club. June 19, 2014.

F. Grants

Current

- | | |
|-------------|--|
| 2021 – 2023 | Funder: VA Health Services Research & Development (PPO 20-092)
Title: Real-time Infection Prediction in Inpatient Postoperative Care
Principal Investigator |
| 2022 – 2024 | Funder: VA Palo Alto VISN 21 Early Career Award Program
Title: Multimodal Analgesia in Noncardiac Surgery
Principal Investigator |
| 2020 – 2023 | Funder: VA Health Services Research & Development (IIR 19-421)
Title: Utilization and Health Outcomes for Veterans with Expanded Health Care Access
Co-Investigator |
| 2020 – 2024 | Funder: VA Health Services Research & Development (SDR-ECN-99017-1)
Title: Health Economics Resource Center (HERC)
Co-Investigator |
| 2020 – 2024 | Funder: National Institute on Aging/National Institutes of Health (R01-AG062568)
Title: Management of Hypertension among Persons with and without Dementia in Long-Term Care
Co-Investigator |

Prior

- | | |
|-------------|--|
| 2020 | Funder: VA Center for Innovation to Implementation Locally Initiated Project
Title: Applying Chaos Theory to Continuous Vital Sign Measurements
Principal Investigator |
| 2017 – 2019 | Funder: American Heart Association (17MCPRP33350072)
Title: Improving Participation and Reducing Acute Cardiovascular Hospitalizations with Weight Management (ReACH)
Principal Investigator |
| 2014 – 2017 | Funder: VA Health Services Research & Development (IIR 12-358-3)
Title: Improving Surgical Quality: Risks and Impact of Readmission
Co-Investigator |
| 2011 – 2012 | Funder: VA Health Services Research & Development (PPO 10-296)
Title: Measuring Up: Associations between SCIP measures and Surgical Outcomes
Analyst |

Curriculum Vitae

2010 – 2014	Funder: VA Health Services Research & Development (IIR 09-347-2) Title: Cardiac Risk and Stent Effect on Adverse Perioperative Outcomes Analyst
2004 – 2009	Funder: VA Health Services Research & Development (IIR 03-247-1) Title: Mesh Repair for Ventral Hernia: Which Rate is Right? Analyst

G. Trainees

Postdoctoral Scholars (11 total)

2019 – present	Aditi Kashikar, MBBS
2018 – 2021	Charlotte Rajasingh, MD
2018 – 2020	Tanmaya Sambare, MD
2017 – present	Ashley Titan, MD
2016 – 2020	Samantha Baker, MD
2016 – 2019	Elise Dasinger, PharmD
2015 – 2017	Caroline Jones, MD
2015 – 2017	Tyler Wahl, MD
2013 – 2015	Carla Holcomb, MD
2013 – 2017	Robert Hollis, MD
2010 – 2012	Laura Altom, MD

Graduate Students (13 total)

2019 – 2021	Santosh Gummidipundi, MS
2017 – 2019	Emily Malone, MPH
2018 – 2020	Rui Chen, BS
2015 – 2017	Allison Gullick, MPH
2015 – 2017	Lauren Goss, MPH
2014 – 2015	Thompson McMurtrie, BS
2014 – 2015	John Killian, BS
2012 – 2015	Brandon Singletary, MPH
2011 – 2013	Robert Hollis, BS
2012	Rhett Rhyne, BS
2012	Galena Toneva, BS
2012	Daniel Childs, BS
2012	Benjamin T. Raines, BS
2011	Stephen McBride, BS

Undergraduate Students (4 total)

2014	Grant Smith
2013	Davis O'Brien
2012, 2013	Burke Smith
2011	Ella Sorscher

H. Teaching Experience

03/17 – 06/17	Instructor , Birmingham VA Medical Center, Health Services Research Unit, Birmingham, AL Designed and conducted an eight lecture training series for new analysts and project coordinators beginning work in Veterans Affairs Health Services Research & Development. Topics covered included responsibilities, sources of information, day-to-day activities, data management, accessing data with the VA Informatics and Computing Infrastructure, data security, and grant applications.
---------------	---

Curriculum Vitae

I. Public and Professional Service

Professional Service

2021 – present	Ad Hoc Reviewer, <i>Journal of Gerontology: Medical Sciences</i>
2020 – present	Ad Hoc Analyst, Stanford Faculty Women’s Forum
2020	Ad Hoc Reviewer, <i>AMIA, 2021 Clinical Informatics Conference</i>
2020	Ad Hoc Reviewer, <i>BMC Surgery</i>
2019 – present	Ad Hoc Reviewer, <i>JAMA Network Open</i>
2019	Ad Hoc Reviewer, <i>Health Affairs</i>
2019	Ad Hoc Reviewer, <i>BMC Anesthesiology</i>
2018 – present	Ad Hoc Reviewer, <i>Journal of Surgical Research</i>

Public Service

2020 – present	Thistle Class Association, Clean Class Initiative Committee
2017 – present	US Sailing, Portsmouth Committee, Chair
2016	Birmingham Sailing Club, Board of Governors, Past Commodore
2015	Birmingham Sailing Club, Board of Governors, Commodore
2014	Birmingham Sailing Club, Board of Governors, Vice Commodore
2013 – present	Thistle Class Association Member
2013	Birmingham Sailing Club, Board of Governors, Membership Chair
2011 – 2012	Birmingham Artwalk Volunteer
2011 – 2017	Birmingham Sailing Club Leukemia Cup Regatta Event Chair