



Laura Graham

Other Teaching Staff-Hourly, Surgery

 NIH Biosketch available Online

 Curriculum Vitae available Online

Bio

BIO

I am an epidemiologist and health services researcher with nearly 20 years of experience in surgical outcomes research. My work focuses on improving healthcare delivery and outcomes for Veterans and other vulnerable populations, particularly those who are older or medically complex. Using large administrative datasets from the Veterans Health Administration (VA), I study surgical processes and outcomes to inform system-level improvements. With postdoctoral training in health economics and implementation science, I bring expertise in causal inference methodology and artificial intelligence, particularly the use of natural language processing (NLP). I apply these methods to extract insights from unstructured clinical data and to strengthen causal analyses in complex healthcare datasets. These approaches allow me to address research questions that were previously difficult to study with standard empirical approaches.

As a collaborative leader, I have mentored junior investigators and worked across academic and industry sectors to advance health services research. My goal is to translate evidence into practice, ultimately improving the quality of surgical care for Veterans.

ACADEMIC APPOINTMENTS

- Other Teaching Staff-Hourly, Surgery

HONORS AND AWARDS

- Butler-Williams Scholars Program, National Institute of Aging (August 27, 2025)
- VISN 12 Early Career Award Program Awardee, Veterans Healthcare Administration (10/1/2022 - 9/30/2024)
- Lawrence M. Brass Stroke Research Award, American Heart Association / American Stroke Association / American Brain Foundation (2017)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Surgical Outcomes Club (2018 - present)
- Member, American Heart Association (2015 - present)
- Member, American Medical Informatics Association (2016 - present)
- Member, Society of Epidemiologic Research (2016 - 2017)

PROFESSIONAL EDUCATION

- PhD, University of Alabama at Birmingham, Birmingham, Alabama , Epidemiology (2017)
- AMIA 10x10, Department of Veterans Affairs / American Medical Informatics Association , Informatics (2016)
- MPH, University of Alabama at Birmingham, Birmingham, Alabama , Epidemiology (2006)

Publications

PUBLICATIONS

- **Anticholinergic Medication Use in Veterans Affairs Long-Term Care Residents: Clinical Patterns and Opportunities for Deprescribing.** *Journal of the American Geriatrics Society*
Hayes, C. A., Li, Y., Jing, B., Graham, L. A., Dave, C., Odden, M. C.
2026
- **Using Natural Language Processing to Improve Fall Documentation in VA Nursing Home Residents.** *Journal of the American Medical Directors Association*
Graham, L. A., Liu, X., Jing, B., Lee, S. J., Steinman, M. A., Liu, C. K., Dave, C. V., Li, Y., Fung, K., Odden, M. C.
2026: 106189
- **Supportive Housing Program and Influenza Vaccination Rates Among Veterans Experiencing Homelessness.** *JAMA network open*
Graham, L. A., Decker, H. C., Tsai, J.
2026; 9 (2): e260001
- **Frailty and outcomes in VA long-term care residents.** *The journals of gerontology. Series A, Biological sciences and medical sciences*
Li, Y., Steinman, M. A., Lee, S. J., Graham, L. A., Jing, B., Dave, C., Liu, X., Liu, C. K., Fung, K. Z., Odden, M. C.
2026; 81 (2)
- **Is Gaining Housing Associated With Higher Rates of Cancer Screening Among US Veterans Experiencing Homelessness?** *Annals of family medicine*
Decker, H., Graham, L., Titan, A., Kanzaria, H., Hawn, M., Wick, E., Tsai, J., Kushel, M.
2025; 23 (4): 330-336
- **Optimal multimodal analgesia combinations to reduce pain and opioid use following non-cardiac surgery: an instrumental variable analysis.** *Regional anesthesia and pain medicine*
Graham, L. A., Illarmo, S., Wren, S. M., Mudumbai, S. C., Odden, M. C.
2025
- **Housing Status and Cancer Screening in US Veterans** *JOURNAL OF GENERAL INTERNAL MEDICINE*
Decker, H., Graham, L., Titan, A., Hawn, M., Kushel, M., Kanzaria, H. K., Wick, E.
2025
- **Antihypertensive Deprescribing and Functional Status in VA Long-Term Care Residents With and Without Dementia.** *Journal of the American Geriatrics Society*
Liu, X., Graham, L. A., Jing, B., Dave, C. V., Li, Y., Kurella Tamura, M., Steinman, M. A., Lee, S. J., Liu, C. K., Abdel Magid, H. S., Manja, V., Fung, K., Odden, et al
2025
- **ACCURACY OF MINIMUM DATA SET FALL ASSESSMENTS IN LONG-TERM CARE RESIDENTS**
Graham, L., Li, Y., Dave, C., Odden, M.
OXFORD UNIV PRESS.2024: 1180
- **Frailty and Long-Term Health Care Utilization After Elective General and Vascular Surgery.** *JAMA surgery*
Dossabhoj, S. S., Graham, L. A., Kashikar, A., George, E. L., Seib, C. D., Tamura, M. K., Wagner, T. H., Hawn, M. T., Arya, S.
2024
- **Antihypertensive Deprescribing and Cardiovascular Events Among Long-Term Care Residents.** *JAMA network open*
Odden, M. C., Graham, L. A., Liu, X., Dave, C. V., Lee, S. J., Li, Y., Jing, B., Fung, K., Peralta, C. A., Steinman, M. A.
2024; 7 (11): e2446851
- **Variations in Current Practice and Protocols of Intraoperative Multimodal Analgesia: A Cross-Sectional Study Within a Six-Hospital US Health Care System.** *Anesthesia and analgesia*
Graham, L. A., Illarmo, S. S., Wren, S. M., Odden, M. C., Mudumbai, S. C.
2024
- **Deprescribing of Antihypertensive Medications and Cognitive Function in Nursing Home Residents.** *JAMA internal medicine*

- Jing, B., Liu, X., Graham, L. A., Dave, C. V., Li, Y., Fung, K., Liu, C. K., Abdel Magid, H. S., Growdon, M. E., Deardorff, W. J., Boscardin, W. J., Lee, S. J., Steinman, et al
2024
- **Health Insurance Enrollment Among US Veterans, 2010-2021.** *JAMA network open*
Wagner, T. H., Schmidt, A., Belli, F., Aouad, M., Gehlert, E., Desai, M., Graham, L., Rose, L.
2024; 7 (8): e2430205
 - **Complex Patterns of Antihypertensive Treatment Changes in Long-Term Care Residents.** *Journal of the American Medical Directors Association*
Liu, X., Jing, B., Graham, L. A., Liu, C. K., Lee, S. J., Steinman, M. A., Dave, C. V., Manja, V., Li, Y., Fung, K., Odden, M. C.
2024: 105119
 - **Charting the course: natural language processing unveils regional anesthesia procedures in clinical records - an infographic** *REGIONAL ANESTHESIA AND PAIN MEDICINE*
D'Souza, R. S., Schwenk, E. S., Graham, L. A.
2025; 50 (8): 685
 - **Effects of residential socioeconomic polarization on high blood pressure among nursing home residents.** *Health & place*
Abdel Magid, H. S., Jaros, S., Li, Y., Steinman, M. A., Lee, S., Peralta, C., Jing, B., Fung, K., Liu, C. K., Liu, X., Graham, L. A., Odden, M. C.
2024; 87: 103243
 - **Antihypertensive Medication and Fracture Risk in Older Veterans Health Administration Nursing Home Residents.** *JAMA internal medicine*
Dave, C. V., Li, Y., Steinman, M. A., Lee, S. J., Liu, X., Jing, B., Graham, L. A., Marcum, Z. A., Fung, K. Z., Odden, M. C.
2024
 - **Use of natural language processing method to identify regional anesthesia from clinical notes.** *Regional anesthesia and pain medicine*
Graham, L. A., Illarmo, S. S., Wren, S. M., Odden, M. C., Mudumbai, S. C.
2024
 - **Mapping the Discharge Process After Surgery.** *JAMA surgery*
Graham, L. A., Illarmo, S., Gray, C. P., Harris, A. H., Wagner, T. H., Hawn, M. T., Iannuzzi, J. C., Wren, S. M.
2024
 - **Housing Status Changes Are Associated With Cancer Outcomes Among US Veterans.** *Health affairs (Project Hope)*
Decker, H. C., Graham, L. A., Titan, A., Hawn, M. T., Kanzaria, H. K., Wick, E., Kushel, M. B.
2024; 43 (2): 234-241
 - **ANTIHYPERTENSIVE DEPRESCRIBING AND COGNITIVE FUNCTION IN VA NURSING HOME RESIDENTS: A TARGET TRIAL EMULATION**
Jing, B., Liu, X., Odden, M., Dave, C., Graham, L., Li, Y., Fung, K., Steinman, M.
OXFORD UNIV PRESS.2023: 646
 - **Housing Status, Cancer Care, and Associated Outcomes Among US Veterans.** *JAMA network open*
Decker, H. C., Graham, L. A., Titan, A., Kanzaria, H. K., Hawn, M. T., Kushel, M., Wick, E.
2023; 6 (12): e2349143
 - **ANTIHYPERTENSIVE DEPRESCRIBING AND DISABILITY IN VA NURSING HOME RESIDENTS WITH AND WITHOUT DEMENTIA**
Liu, X., Graham, L., Jing, B., Dave, C., Li, Y., Fung, K., Odden, M.
OXFORD UNIV PRESS.2023: 703-704
 - **Managing Competing Risks for Surgical Patients With Complex Medical Problems-Considering Confounding.** *JAMA surgery*
Graham, L. A., Hawn, M. T.
2023
 - **Myocardial Infarction Across COVID-19 Pandemic Phases: Insights From the Veterans Health Affairs System.** *Journal of the American Heart Association*
Yong, C. M., Graham, L., Beyene, T. J., Sadri, S., Hong, J., Burdon, T., Fearon, W. F., Asch, S. M., Turakhia, M., Heidenreich, P.
2023: e029910
 - **Association Between Self-Reported Health and Reliance on Veterans Affairs for Health Care Among Veterans Affairs Enrollees.** *JAMA network open*

- Rose, L., Schmidt, A., Gehlert, E., Graham, L. A., Aouad, M., Wagner, T. H.
2023; 6 (7): e2323884
- **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*
Shanahan, J., Vimalananda, V. G., Graham, L., Schumann, R., Mull, H. J.
2023; 6 (3): e236318
 - **Systolic blood pressure, antihypertensive treatment, and cardiovascular and mortality risk in VA nursing home residents.** *Journal of the American Geriatrics Society*
Liu, X., Steinman, M. A., Lee, S. J., Peralta, C. A., Graham, L. A., Li, Y., Jing, B., Fung, K. Z., Odden, M. C.
2023
 - **Applying Cognitive Task Analysis to Health Services Research.** *Health services research*
Graham, L. A., Gray, C., Wagner, T. H., Illarmo, S., Hawn, M. T., Wren, S. M., Iannuzzi, J., Harris, A. H.
2022
 - **Expansion of the Veterans Health Administration Network and Surgical Outcomes.** *JAMA surgery*
Graham, L. A., Schoemaker, L., Rose, L., Morris, A., Aouad, M., Wagner, T. H.
2022
 - **Quality Reporting Windows May Not Capture the Effects of Surgical Site Infections After Orthopaedic Surgery.** *The Journal of bone and joint surgery. American volume*
Shapiro, L. M., Graham, L. A., Hawn, M. T., Kamal, R. N.
2022; 104 (14): 1281-1291
 - **Trends in blood pressure diagnosis, treatment, and control among VA nursing home residents, 2007-2018.** *Journal of the American Geriatrics Society*
Odden, M. C., Li, Y., Graham, L. A., Steinman, M. A., Marcum, Z. A., Liu, C. K., Jing, B., Fung, K. Z., Peralta, C. A., Lee, S. J.
2022
 - **Association of Antihypertensives and Cognitive Impairment in Long-Term Care Residents.** *Journal of Alzheimer's disease : JAD*
Marcum, Z. A., Li, Y., Lee, S. J., Steinman, M. A., Graham, L., Jing, B., Fung, K., Peralta, C. A., Odden, M. C.
2022
 - **Timing and Cost of Wound Complications After Colorectal Resection.** *Diseases of the colon and rectum*
Graham, L. A., Wagner, T. H., Sambare, T. D., Hawn, M. T.
2021; 64 (12): 1551-1558
 - **Challenging weekend discharges associated with excess length of stay in surgical patients at Veterans Affairs hospitals.** *Surgery*
Rajasingh, C. M., Graham, L. A., Richman, J., Mell, M. W., Morris, M. S., Hawn, M. T.
2021
 - **Association of Expanded Health Care Networks With Utilization Among Veterans Affairs Enrollees.** *JAMA network open*
Rose, L., Aouad, M., Graham, L., Schoemaker, L., Wagner, T.
2021; 4 (10): e2131141
 - **Exploring the Dynamics of Week-to-Week Blood Pressure in Nursing Home Residents Before Death.** *American journal of hypertension*
Graham, L. A., Lee, S. J., Steinman, M., Peralta, C. A., Rubinsky, A., Jing, B., Fung, K., Odden, M. C.
2021
 - **Deprescribing Blood Pressure Treatment in Long-Term Care Residents.** *Journal of the American Medical Directors Association*
Odden, M. C., Lee, S. J., Steinman, M. A., Rubinsky, A. D., Graham, L., Jing, B., Fung, K., Marcum, Z., Peralta, C. A.
2021
 - **Psychosocial Determinants of Readmission After Surgery.** *Medical care*
Graham, L. A., Hawn, M. T., Dasinger, E. A., Baker, S. J., Oriol, B. S., Wahl, T. S., Richman, J. S., Copeland, L. A., Itani, K. M., Burns, E. A., Whittle, J., Morris, M. S.
2021
 - **Impact of policy-based and institutional interventions on postoperative opioid prescribing practices.** *American journal of surgery*

- Titan, A., Doyle, A., Pfaff, K., Baiu, I., Lee, A., Graham, L., Shelton, A., Hawn, M.
2021
- **The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality From COVID-19.** *Frontiers in medicine*
Rose, L., Graham, L., Koenecke, A., Powell, M., Xiong, R., Shen, Z., Mench, B., Kinzler, K. W., Bettegowda, C., Vogelstein, B., Athey, S., Vogelstein, J. T., Konig, et al
2021; 8: 637647
 - **BLOOD PRESSURE CONTROL AND CARDIOVASCULAR AND MORTALITY RISK IN VA NURSING HOME RESIDENTS**
Liu, X., Lee, S., Steinman, M., Graham, L., Li, Y., Jing, B., Odden, M.
OXFORD UNIV PRESS.2021: 605
 - **BLOOD PRESSURE VARIABILITY AND COMPLEXITY IN NURSING HOME RESIDENTS BEFORE DEATH**
Graham, L., Lee, S., Steinman, M., Peralta, C., Rubinsky, A., Jing, B., Fung, K., Odden, M.
OXFORD UNIV PRESS.2021: 137
 - **DEPRESCRIBING BLOOD PRESSURE TREATMENT IN VA LONG-TERM CARE RESIDENTS**
Odden, M., Lee, S., Steinman, M., Rubinsky, A., Jing, B., Fung, K., Graham, L., Peralta, C.
OXFORD UNIV PRESS.2021: 333
 - **Asymptomatic SARS-CoV-2 Transmission from Community Contacts in Healthcare Workers.** *Annals of surgery*
Graham, L. A., Maldonado, Y. A., Tompkins, L. S., Wald, S. H., Chawla, A., Hawn, M. T.
2020
 - **Impact of Gastrointestinal Surgical Site Wound Complications on Long-term Healthcare Utilization.** *Journal of gastrointestinal surgery : official journal of the Society for Surgery of the Alimentary Tract*
Sambare, T. D., Graham, L. A., Itani, K. M., Morris, M. S., Moshrefi, S., Hawn, M. T.
2020
 - **Patient-reported health literacy scores are associated with readmissions following surgery.** *American journal of surgery*
Baker, S. n., Malone, E. n., Graham, L. n., Dasinger, E. n., Wahl, T. n., Titan, A. n., Richman, J. n., Copeland, L. n., Burns, E. n., Whittle, J. n., Hawn, M. n., Morris, M. n.
2020
 - **The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality from COVID-19.** *medRxiv : the preprint server for health sciences*
Rose, L. n., Graham, L. n., Koenecke, A. n., Powell, M. n., Xiong, R. n., Shen, Z. n., Kinzler, K. W., Bettegowda, C. n., Vogelstein, B. n., Athey, S. n., Vogelstein, J. T., Konig, M. F., Wagner, et al
2020
 - **Preoperative opioid use and postoperative pain associated with surgical readmissions** *AMERICAN JOURNAL OF SURGERY*
Dasinger, E. A., Graham, L. A., Wahl, T. S., Richman, J. S., Baker, S. J., Hawn, M. T., Hernandez-Boussard, T., Rosen, A. K., Mull, H. J., Copeland, L. A., Whittle, J. C., Burns, E. A., Morris, et al
2019; 218 (5): 828–35
 - **Learning Curves and the Challenges of Adopting New Surgical Techniques.** *JAMA network open*
Graham, L. A., Hawn, M. T.
2019; 2 (10): e1913569
 - **Association between Timing and Cost of Postoperative Wound Complication**
Graham, L. A., Wagner, T. H., Sambare, T. D., Hawn, M. T.
ELSEVIER SCIENCE INC.2019: S143
 - **Trends in the Inclusion of Black and Female Surgeons in Invited Visiting Professorships.** *JAMA surgery*
Tabata, M. M., Rosenthal, E. L., Arbaugh, C. J., Kin, C., Kim, E., Graham, L. A., Hawn, M. T.
2019
 - **Perioperative opioid use and pain-related outcomes in the Veterans Health Administration.** *American journal of surgery*
Hernandez-Boussard, T., Graham, L. A., Carroll, I., Dasinger, E. A., Titan, A. L., Morris, M. S., Hawn, M. T.
2019

- **Databases for surgical health services research: Veterans Health Administration data** *SURGERY*
Graham, L. A.
2019; 165 (5): 876–78
- **Comparison of a Potential Hospital Quality Metric With Existing Metrics for Surgical Quality-Associated Readmission.** *JAMA network open*
Graham, L. A., Mull, H. J., Wagner, T. H., Morris, M. S., Rosen, A. K., Richman, J. S., Whittle, J., Burns, E., Copeland, L. A., Itani, K. M., Hawn, M. T.
2019; 2 (4): e191313
- **Comparison of a Potential Hospital Quality Metric With Existing Metrics for Surgical Quality-Associated Readmission** *JAMA NETWORK OPEN*
Graham, L. A., Mull, H. J., Wagner, T. H., Morris, M. S., Rosen, A. K., Richman, J. S., Whittle, J., Burns, E., Copeland, L. A., Itani, K. M. F., Hawn, M. T.
2019; 2 (4)
- **Preoperative opioid use and postoperative pain associated with surgical readmissions.** *American journal of surgery*
Dasinger, E. A., Graham, L. A., Wahl, T. S., Richman, J. S., Baker, S. J., Hawn, M. T., Hernandez-Boussard, T., Rosen, A. K., Mull, H. J., Copeland, L. A., Whittle, J. C., Burns, E. A., Morris, et al
2019
- **Facility-level association of preoperative stress testing and postoperative adverse cardiac events** *HEART*
Valle, J. A., Graham, L., Thiruvoipati, T., Grunwald, G., Armstrong, E. J., Maddox, T. M., Hawn, M. T., Bradley, S. M.
2018; 104 (24): 2018-+
- **Exploring Trajectories of Healthcare Utilization Before and After Surgery.** *Journal of the American College of Surgeons*
Graham, L. A., Wagner, T. H., Richman, J. S., Morris, M. S., Copeland, L. A., Harris, A. H., Itani, K. M., Hawn, M. T.
2018
- **Association Between Preoperative Proteinuria and Postoperative Acute Kidney Injury and Readmission**
Wahl, T. S., Graham, L. A., Morris, M. S., Richman, J. S., Hollis, R. H., Jones, C. E., Itani, K. M., Wagner, T. H., Mull, H. J., Whittle, J. C., Telford, G. L., Rosen, A. K., Copeland, et al
AMER MEDICAL ASSOC.2018: e182009
- **Association of Postoperative Readmissions With Surgical Quality Using a Delphi Consensus Process to Identify Relevant Diagnosis Codes.** *JAMA surgery*
Mull, H. J., Graham, L. A., Morris, M. S., Rosen, A. K., Richman, J. S., Whittle, J. n., Burns, E. n., Wagner, T. H., Copeland, L. A., Wahl, T. n., Jones, C. n., Hollis, R. H., Itani, et al
2018
- **Mitral valve surgery in the US Veterans Administration health system: 10-year outcomes and trends.** *The Journal of thoracic and cardiovascular surgery*
Bakaeen, F. G., Shroyer, A. L., Zenati, M. A., Badhwar, V., Thourani, V. H., Gammie, J. S., Suri, R. M., Sabik, J. F., Gillinov, A. M., Chu, D., Omer, S., Hawn, M. T., Almassi, et al
2018; 155 (1): 105-117.e5
- **Homeless Status, Postdischarge Health Care Utilization, and Readmission After Surgery.** *Medical care*
Titan, A. n., Graham, L. n., Rosen, A. n., Itani, K. n., Copeland, L. A., Mull, H. J., Burns, E. n., Richman, J. n., Kertesz, S. n., Wahl, T. n., Morris, M. n., Whittle, J. n., Telford, et al
2018; 56 (6): 460–69
- **Perioperative beta blockers and statins for noncardiac surgery patients with coronary stents.** *American journal of surgery*
Richman, J. S., Graham, L. A., DeRussy, A., Maddox, T. M., Itani, K. M., Hawn, M. T.
2017; 214 (2): 180-185
- **Association of the Modified Frailty Index With 30-Day Surgical Readmission.** *JAMA surgery*
Wahl, T. S., Graham, L. A., Hawn, M. T., Richman, J., Hollis, R. H., Jones, C. E., Copeland, L. A., Burns, E. A., Itani, K. M., Morris, M. S.
2017
- **Venous thromboembolic events: How low can you go?** *American journal of surgery*
Jones, C. E., Hollis, R. H., Gullick, A. A., Wahl, T., Richman, J. S., Graham, L. A., Lucy, A. T., Chu, D. I., Morris, M. S.
2017; 213 (4): 706-710

- **A study to reduce readmissions after surgery in the Veterans Health Administration: design and methodology** *BMC HEALTH SERVICES RESEARCH*
Copeland, L. A., Graham, L. A., Richman, J. S., Rosen, A. K., Mull, H. J., Burns, E. A., Whittle, J., Itani, K. M., Hawn, M. T.
2017; 17
- **Patient and Lesion-Specific Characteristics Predict Risk of Major Adverse Cardiovascular Events Among Patients with Previous Percutaneous Coronary Intervention Undergoing Noncardiac Surgery** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*
Armstrong, E. J., Graham, L., Waldo, S. W., Valle, J. A., Maddox, T. M., Hawn, M. T.
2017; 89 (4): 617-627
- **Incomplete Revascularization Is Associated With an Increased Risk for Major Adverse Cardiovascular Events Among Patients Undergoing Noncardiac Surgery.** *JACC. Cardiovascular interventions*
Armstrong, E. J., Graham, L. A., Waldo, S. W., Valle, J. A., Maddox, T. M., Hawn, M. T.
2017; 10 (4): 329-338
- **Triple Antithrombotic Therapy and Outcomes in Post-PCI Patients Undergoing Non-cardiac Surgery** *WORLD JOURNAL OF SURGERY*
Valle, J. A., Graham, L., DeRussy, A., Itani, K., Hawn, M. T., Maddox, T. M.
2017; 41 (2): 423-432
- **Hospital Readmissions after Surgery: How Important Are Hospital and Specialty Factors?** *Journal of the American College of Surgeons*
Hollis, R. H., Graham, L. A., Richman, J. S., Morris, M. S., Mull, H. J., Wahl, T. S., Burns, E., Copeland, L. A., Telford, G. L., Rosen, A. K., Itani, K. F., Whittle, J., Wagner, et al
2017
- **Association Between Preoperative Hemoglobin A1c Levels, Postoperative Hyperglycemia, and Readmissions Following Gastrointestinal Surgery.** *JAMA surgery*
Jones, C. E., Graham, L. A., Morris, M. S., Richman, J. S., Hollis, R. H., Wahl, T. S., Copeland, L. A., Burns, E. A., Itani, K. M., Hawn, M. T.
2017; 152 (11): 1031-38
- **The Fifth Vital Sign: Postoperative Pain Predicts 30-day Readmissions and Subsequent Emergency Department Visits.** *Annals of surgery*
Hernandez-Boussard, T. n., Graham, L. A., Desai, K. n., Wahl, T. S., Aucoin, E. n., Richman, J. S., Morris, M. S., Itani, K. M., Telford, G. L., Hawn, M. T.
2017
- **Coronary angiography and failure to rescue after postoperative myocardial infarction in patients with coronary stents undergoing noncardiac surgery.** *American journal of surgery*
Hollis, R. H., Holcomb, C. N., Valle, J. A., Smith, B. P., DeRussy, A. J., Graham, L. A., Richman, J. S., Itani, K. M., Maddox, T. M., Hawn, M. T.
2016; 212 (5): 814-822 e1
- **Outcomes associated with preoperative weight loss after laparoscopic Roux-en-Y gastric bypass** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*
Blackledge, C., Graham, L. A., Gullick, A. A., Richman, J., Stahl, R., Grams, J.
2016; 30 (11): 5077-5083
- **Postoperative 30-day Readmission: Time to Focus on What Happens Outside the Hospital.** *Annals of surgery*
Morris, M. S., Graham, L. A., Richman, J. S., Hollis, R. H., Jones, C. E., Wahl, T., Itani, K. M., Mull, H. J., Rosen, A. K., Copeland, L., Burns, E., Telford, G., Whittle, et al
2016; 264 (4): 621-631
- **Patient and lesion-specific characteristics predict risk of major adverse cardiovascular events among patients with previous percutaneous coronary intervention undergoing noncardiac surgery.** *Catheterization and cardiovascular interventions*
Armstrong, E. J., Graham, L., Waldo, S. W., Valle, J. A., Maddox, T. M., Hawn, M. T.
2016
- **Association of Coronary Stent Indication With Postoperative Outcomes Following Noncardiac Surgery** *JAMA SURGERY*
Holcomb, C. N., Hollis, R. H., Graham, L. A., Richman, J. S., Valle, J. A., Itani, K. M., Maddox, T. M., Hawn, M. T.
2016; 151 (5): 462-469
- **The Incremental Risk of Coronary Stents on Postoperative Adverse Events: A Matched Cohort Study.** *Annals of surgery*
Holcomb, C. N., Graham, L. A., Richman, J. S., Itani, K. M., Maddox, T. M., Hawn, M. T.
2016; 263 (5): 924-930

- **Blood Transfusion and 30-Day Mortality in Patients With Coronary Artery Disease and Anemia Following Noncardiac Surgery** *JAMA SURGERY*
Hollis, R. H., Singletary, B. A., McMurtrie, J. T., Graham, L. A., Richman, J. S., Holcomb, C. N., Itani, K. M., Maddox, T. M., Hawn, M. T.
2016; 151 (2): 139-145
- **Pre-operative echocardiography among patients with coronary artery disease in the United States Veterans Affairs healthcare system: A retrospective cohort study.** *BMC cardiovascular disorders*
Levitan, E. B., Graham, L. A., Valle, J. A., Richman, J. S., Hollis, R., Holcomb, C. N., Maddox, T. M., Hawn, M. T.
2016; 16 (1): 173-?
- **Delays in Surgery for Patients With Coronary Stents Placed After Diagnosis of Colorectal Cancer.** *JAMA surgery*
Killian, J. T., Holcomb, C. N., Graham, L. A., Richman, J. S., Hawn, M. T.
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- Examining Complex Relationships and Reporting Nonlinear Trends in Surgical Outcomes Research - Surgical Outcomes Club (6/19/2014)
- Understanding Surgical Readmissions: Model Selection in a World of Big Data - Center for Innovation to Implementation, VA Palo Alto Health Care System (March 14, 2016)
- Episode 33: Use of natural language processing method to identify regional anesthesia from clinical notes - RAPM Focus Podcast (November 14, 2024)
- Evaluating Multimodal Analgesia for Surgery in Veterans: An Instrumental Variable Approach Using Novel Data Sources - HERC Health Economics Seminar (January 28, 2026)
- HERC Econometrics with Observational Data: Research Design - HERC Health Economics Seminar (1/15/2025)