



Laura Graham

Casual - Non-Exempt, Surgery

 NIH Biosketch available Online

Bio

BIO

Laura is a health services researcher with a wide variety of experience in data management and analysis, including large multi-center health services and outcomes research studies, provider survey studies, and laboratory-oriented research. Her research interest include surgical outcomes research, informatics, and implementation science to translate evidence into practice. The bulk of her research experience is centered around the use and analysis of large administrative datasets collected by the Veterans Health Administration. She has been involved in a multitude of Health Services Research & Development funded and unfunded studies using these administrative data to assess surgical outcomes.

EDUCATION AND CERTIFICATIONS

- 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

- **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
- **Managing Competing Risks for Surgical Patients With Complex Medical Problems-Considering Confounding.** *JAMA surgery*
Graham, L. A., Hawn, M. T.
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

- **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
- **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
- **Psychosocial Determinants of Readmission After Surgery.** *Medical care*
Graham, L. A., Hawn, M. T., Dasinger, E. A., Baker, S. J., Oriel, B. S., Wahl, T. S., Richman, J. S., Copeland, L. A., Itani, K. M., Burns, E. A., Whittle, J., Morris, M. S.
2021
- **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
- **Learning Curves and the Challenges of Adopting New Surgical Techniques.** *JAMA network open*
Graham, L. A., Hawn, M. T.
2019; 2 (10): e1913569
- **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
- **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
- **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
- **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
- **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
- **Frequency of Surgery Cancellations Associated With Myocardial Infarction or Death 6 Months After Coronary Stent Placement** *JAMA SURGERY*
Graham, L. A., Hollis, R. H., Richman, J. S., Hawn, M. T.
2015; 150 (12): 1199-1201
- **Improved Adverse Postoperative Outcomes With Revised American College of Cardiology/American Heart Association Guidelines for Patients With Cardiac Stents** *JAMA SURGERY*
Graham, L. A., Singletary, B. A., Richman, J. S., Maddox, T. M., Itani, K. M., Hawn, M. T.
2014; 149 (11): 1113-1120
- **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

- **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
- **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
- **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
- **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
- **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
- **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
- **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
- **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
- **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
- **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. 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-+

- **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
- **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
- **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
- **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.
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- **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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Morris, M. S., Graham, L. A., Chu, D. I., Cannon, J. A., Hawn, M. T.
2015; 261 (6): 1034-1040
- **Association of Race and Socioeconomic Status with Outcomes Following Laparoscopic Roux-en-Y Gastric Bypass** *OBESITY SURGERY*
Gullick, A. A., Graham, L. A., Richman, J., Kakade, M., Stahl, R., Grams, J.
2015; 25 (4): 705-711
- **Risk of Major Adverse Cardiac Events Following Noncardiac Surgery in Patients With Coronary Stents** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Hawn, M. T., Graham, L. A., Richman, J. S., Itani, K. M., Henderson, W. G., Maddox, T. M.
2013; 310 (14): 1462-1472
- **Timing of Surgical Antibiotic Prophylaxis and the Risk of Surgical Site Infection** *JAMA SURGERY*
Hawn, M. T., Richman, J. S., Vick, C. C., Deierhoi, R. J., Graham, L. A., Henderson, W. G., Itani, K. M.
2013; 148 (7): 649-657
- **Coronary Stents and Subsequent Surgery: Reported Provider Attitudes and Practice Patterns** *AMERICAN SURGEON*
Graham, L. A., Maddox, T. M., Itani, K. M., Hawn, M. T.
2013; 79 (5): 514-523
- **Adverse cardiac events in patients with coronary stents undergoing noncardiac surgery: a systematic review** *AMERICAN JOURNAL OF SURGERY*
Hollis, R. H., Graham, L. A., Richman, J. S., Deierhoi, R. J., Hawn, M. T.
2012; 204 (4): 494-501
- **The Incidence and Timing of Noncardiac Surgery after Cardiac Stent Implantation** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*
Hawn, M. T., Graham, L. A., Richman, J. R., Itani, K. M., Plomondon, M. E., Altom, L. K., Henderson, W. G., Bryson, C. L., Maddox, T. M.

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Altom, L. K., Graham, L. A., Gray, S. H., Snyder, C. W., Vick, C. C., Hawn, M. T.
2012; 78 (2): 243-249
- **Translating preoperative smoking cessation interventions into routine clinical care of veterans: provider beliefs.** *Translational behavioral medicine*
Vick, C. C., Graham, L. A., Henderson, W. G., Houston, T. K., Hawn, M. T.
2011; 1 (4): 604-608
- **The Attributable Risk of Smoking on Surgical Complications** *ANNALS OF SURGERY*
Hawn, M. T., Houston, T. K., Campagna, E. J., Graham, L. A., Singh, J., Bishop, M., Henderson, W. G.
2011; 254 (6): 914-920
- **Descriptive Operative Reports: Teaching, Learning, and Milestones to Safe Surgery** *JOURNAL OF SURGICAL EDUCATION*
Porterfield, J. R., Altom, L. K., Graham, L. A., Gray, S. H., Urist, M. M., Hawn, M. T.
2011; 68 (6): 452-458
- **Agreement between patient survey and medical chart: Pitfalls in measurement strategies for hernia recurrence** *SURGERY*
Graham, L. A., Altom, L. K., Vick, C. C., Snyder, C. W., Deierhoi, R. J., Hawn, M. T.
2011; 150 (3): 371-378
- **Surgical Site Infection Prevention Time to Move Beyond the Surgical Care Improvement Program** *ANNALS OF SURGERY*
Hawn, M. T., Vick, C. C., Richman, J., Holman, W., Deierhoi, R. J., Graham, L. A., Henderson, W. G., Itani, K. M.
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Snyder, C. W., Graham, L. A., Gray, S. H., Vick, C. C., Hawn, M. T.
2011; 212 (4): 496-502
- **Patient satisfaction, chronic pain, and quality of life after elective incisional hernia repair: effects of recurrence and repair technique** *HERNIA*
Snyder, C. W., Graham, L. A., Vick, C. C., Gray, S. H., Finan, K. R., Hawn, M. T.
2011; 15 (2): 123-129
- **Hospital-level variability in incisional hernia repair technique affects patient outcomes** *SURGERY*
Hawn, M. T., Snyder, C. W., Graham, L. A., Gray, S. H., Finan, K. R., Vick, C. C.
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Hawn, M. T., Snyder, C. W., Graham, L. A., Gray, S. H., Finan, K. R., Vick, C. C.
2010; 210 (5): 648-655
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Argo, J. L., Vick, C. C., Graham, L. A., Itani, K. M., Bishop, M. J., Hawn, M. T.
2009; 198 (5): 600-606
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PRESENTATIONS

- 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)