

# Joseph Alexander Ewing

josephaewing@gmail.com  
(678) 386-9278

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## EDUCATION

- 05/17      **Ph.D. in Applied Economics**, Clemson University  
08/10      **M.S. in Applied Economics and Statistics**, Clemson University  
05/08      **B.B.A. in Economics**, Georgia State University  
             **B.B.A. in Finance**, Georgia State University

## EXPERIENCE

- 1/17-Current    **Senior Biostatistician**, Greenville Health System  
Department of Surgery / Department of Quality Management
- Statistical consultation for clinical study design and analysis for residents and attending physicians
  - Regularly lecture residents and medical students on study design and statistical analysis
- 9/17-Current    **Reviewer, Institutional Review Board** , Greenville Health System
- Review prospective and retrospective clinical research with attention to subject safety
  - Provide statistical expertise to the committee for review of clinical research activities
  - Provide guidance to clinical staff to ensure compliance with ethical guidelines
- 5/17-Current    **Clinical Associate Professor**, University of South Carolina School of Medicine Greenville
- Regularly coordinate and facilitate academic clinical research with students of the USC SOMG and physician PI's
  - Guest lecturer for "Research Bootcamp" to nurses at Greenville Health System
- 1/16-Current    **Biostatistician Peer Reviewer and Journal Editor**
- GHS Proceedings, Greenville Health System
  - Sports Health, American Medical Society for Sports Medicine
  - Assess originality and quality of clinical research methodology
- 2/15-Current    **Scholarly Activity Committee Member, Biostatistician** Greenville Health System  
Department of Family Medicine
- Developed and implemented research curriculum for residents
  - Consulted attending physicians and residents on academic research projects
- 10/13-1/17     **Biostatistician I**, Greenville Health System  
Department of Surgery / Department of Quality Management
- Provided statistical analysis for academic and quality improvement research to surgical residents and attending physicians
  - Lead discussion of statistical methods in current journal articles at monthly 'Journal Club' meetings
- 5/13-10/13     **Biostatistician Internship**, Greenville Health Systems  
Quality and Patient Safety Summer Internship, Mentor: Dr. Dawn Blackhurst
- Interdisciplinary research among Industrial Engineers, Physicians, and Nurses to identify the costs associated with treating pressure ulcers
  - Conducted a case-control study and statistical analysis of cost data

## PUBLICATIONS

- Schneider, A., Hutcheon, D. A., Hale, A., **Ewing, J. A.**, Miller, M., & Scott, J. D. (2018). Postoperative outcomes in bariatric surgical patients participating in an insurance-mandated preoperative weight management program. *Surgery for Obesity and Related Diseases*.
- Kolarik, R. C., O'Neal, R. L., & **Ewing, J. A.** (2018). Resident Preferences for Program Director Role in Wellness Management. *Journal of General Internal Medicine*, 1-5.
- Hutcheon, D. A., Hale, A. L., **Ewing, J. A.**, Miller, M., Couto, F., Bour, E. S., ... & Scott, J. D. (2018). Short-Term Preoperative Weight Loss and Postoperative Outcomes in Bariatric Surgery. *Journal of the American College of Surgeons*.
- Warren, J. A., L. R. Beffa, A. M. Carbonell, J. Cull, B. Sinopoli, **J. A. Ewing**, C. McFadden, J. Crockett, and W. S. Cobb. "Prophylactic placement of permanent synthetic mesh at the time of ostomy closure prevents formation of incisional hernias." *Surgery* (2017).
- Davis, J. R., Hale, A. L., **Ewing, J. A.**, & Lokey, J. S. (2017). Instituting Ultrasound-Guided FNA for Thyroid Nodules into a General Surgery Residency Program: What We Learned. *Journal of surgical education*.
- Warren, J. A., McGrath, S. P., Hale, A. L., **Ewing, J. A.**, Carbonell, A. M., & Cobb, W. S. (2017). Patterns of Recurrence and Mechanisms of Failure after Open Ventral Hernia Repair with Mesh. *The American Surgeon*, 83(11), 1275-1282.
- Zhang, L., Scott, J., Shi, L., Truong, K., Hu, Q., **Ewing, J. A.**, & Chen, L. (2017). Changes in utilization and peri-operative outcomes of bariatric surgery in large US hospital database, 2011-2014. *PloS one*, 12(10), e0186306.
- Schneider, A. M., Disbrow, D. E., **Ewing, J. A.**, & Rex, J. C. (2017) Laparoscopic Management of Appendiceal Mucoceles. *Pathology*, 2, 1-8.
- Warren, J. A., Stoddard, C., Hunter, A. L., Horton, A. J., Atwood, C., **Ewing, J. A.**, & Carbonell, A. M. (2017). Effect of Multimodal Analgesia on Opioid Use After Open Ventral Hernia Repair. *Journal of Gastrointestinal Surgery*, 1-8.
- Gandhi, S. S., **Ewing, J. A.**, Cooper, E., Chaves, J. M., & Gray, B. H. (2017). Comparison of Low-Dose Catheter-Directed Thrombolysis with and without Pharmacomechanical Thrombectomy for Acute Lower Extremity Ischemia. *Annals of vascular surgery*.
- Maddux, P. T., Farrell, M. B., **Ewing, J. A.**, & Tilkemeier, P. L. (2017). Improving compliance with Intersocietal Accreditation Commission (IAC) reporting standards: A serial comparison of 523 labs over seven years. *Journal of Nuclear Cardiology*, 1-9.
- Nealon, S. W., Hale, A. L., Haynes, E., Hagood-Thompson, C., Marguet, C. G., **Ewing, J. A.**, & Springhart, W. P. (2017). Improving Patient Outcomes and Healthcare Provider Communication with a Small, Yellow Plastic Band: the Patient URinary Catheter Extraction (PURCE) Protocol©. *Urology Practice*.
- Warren, J. A., Cobb, W. S., **Ewing, J. A.**, & Carbonell, A. M. (2017). Standard laparoscopic versus robotic retromuscular ventral hernia repair. *Surgical endoscopy*, 31(1), 324-332.
- Asif, I., Annett, S., **Ewing, J.A.**, Abdelfattah, R., Rothmier, J., Harmon, K., & Drezner, J. (2017). The psychological impact of electrocardiogram screening in National Collegiate Athletic Association Athletes. *Br J Sports Med*, 51(4), 289-289.

## Publications Continued

- Rogers, Z., **Ewing, JA**, Rogers, K. E., Khalil, R., Dennis, M. L., Blackhurst, D., & Kaiser, M. L. (2016). Elderly Ground Level Fall: A Significant Impact on Both Patient and Healthcare System. *Journal of the American College of Surgeons*, 223(4), e208.
- Scott, J., **Ewing, JA**, Mansour, R., Love, W., McDermott, S., Hale, A. (2016). Use of a synthetic bioabsorbable tissue scaffold in the closure of the retro-Roux and meso-mesenteric internal hernia spaces during Roux-en-Y divided gastric bypasses leads to a significant reduction of subsequent internal hernia repairs. *Surgery for Obesity and Related Diseases*, 12(7), S53-S54.
- Bartz, M., Rogers, Z., Rogers, K. E., **Ewing, JA**, Hale, A. L., Stu, R. K., Kaiser, M. L. (2016). Criteria for Head Computed Tomography after Ground Level Falls in the Elderly. *Journal of the American College of Surgeons*, 223(4), e197-e198.
- Grant, A. A., Rogers, Z., **Ewing, JA**, Garland, M., Rogers, K. E., Stu, R. K., ... & Kaiser, M. L. (2016). Opening the 'Black Box' of Trauma: Risk Factors for Thoraco-abdominal Injuries in Geriatric Ground Level Falls. *Journal of the American College of Surgeons*, 223(4), e202.
- Scott, J., Zhang, L., Chen, L., Shi, L., Truong, K., Hu, Q., **Ewing, JA**, Hale, A. (2016). Sociodemographic Factors Associated with the Likelihood of Undergoing Bariatric Surgery in the United States. *Surgery for Obesity and Related Diseases*, 12(7), S125.
- Maddux, PT, Farrell, MB, **Ewing, JA**, Tilkemeier, PL. "Improved Compliance with Reporting Standards: A Retrospective Analysis of Intersocietal Accreditation Commission Nuclear Cardiology Laboratories." *Journal of nuclear cardiology : official publication of the American Society of Nuclear Cardiology* (2016).
- Powell, BC, Webb, CB, **Ewing, JA**, and Smith, DE, 2016. Gluteal Fascial Advancement for Pilonidal Cyst Disease: A 10-year Review. *The American Surgeon*, 82(7), pp.622-625.
- Patel, P. P., Love, M. W., **Ewing, JA**, Warren, J. A., Cobb, W. S., & Carbonell, A. M. Risks of subsequent abdominal operations after laparoscopic ventral hernia repair. *Surgical Endoscopy*, 2016. 1-6.
- Hale AL, Twomey K, **Ewing JA**, Langan EM, Cull DL, Gray BH. Impact of sarcopenia on long-term mortality following endovascular aneurysm repair. *Vascular Medicine*. 2016 Feb 5
- Jones, A., Bikulege, N., **Ewing, JA**, Hale, A., & Culumovic, P. (2016, May). Clindamycin-Gentamicin peritoneal lavage decreases surgical site infection in colorectal surgery patients. *Diseases of the Colon and Rectum*. 2016, 59 (5): 124
- Asif IM, Price DE, **Ewing JA**, Rao AL, Harmon KG, Drezner JA. The impact of diagnosis: measuring the psychological response to being diagnosed with serious or potentially lethal cardiac disease in young competitive athletes. *British Journal of Sports Medicine*. 2016 Feb 1;50(3):163-6.
- Cobb WS, Warren JA, **Ewing JA**, Burnikel A, Merchant M, Carbonell AM. Open retromuscular mesh repair of complex incisional hernia: predictors of wound events and recurrence. *J Am Coll Surg*. 2015 Apr;220(4):606-13
- Wells J, Miller M, Perry B, **Ewing JA**, Hale AL, Scott JD. Preservation of fat-free mass after bariatric surgery: A comparison of malabsorptive and restrictive procedures. *Am Surg*. 2015 Aug;81(8):812-5.

## Publications Continued

- Bolton WD, Richey J, Ben-Or S, Hale AL, **Ewing JA**, Stephenson JE. Electromagnetic navigational bronchoscopy: A safe and effective method for fiducial marker placement in lung cancer patients. *Am Surg*. 2015 Jul;81(7):659-62.
- Davis JR, **Ewing JA**, Hale AL, Lokey JS. Indeterminate thyroid nodule: Knowing what we do not know. *Am Surg*. 2015 Jul;81(7):294-6.
- Eckenrode AH, **Ewing JA**, Kotrady J, Hale AL, Smith DE. HIDA scan with ejection fraction is over utilized in the management of biliary dyskinesia. *Am Surg*. 2015 Jul;81(7):669-73.
- Warren JA, **Ewing JA**, Hale AL, Blackhurst D, Bour ES, Scott JD. Cost-effectiveness of bariatric surgery: Increasing the economic viability of the most effective treatment for type 2 diabetes mellitus. *Am Surg*. 2015 Aug;81(8):807-11.
- Warren JA, Epps M, De Brux C, Fowler JL, **Ewing JA**, Cobb WS, Carbonell AM. Surgical site occurrences of simultaneous panniculectomy and incisional hernia repair. *Am Surg*. 2015 Aug;81(8):764-9.
- Koleilat, I., Jaeggli, M. P., Eidt, J., **Ewing, JA**, Androes, M. P. Interobserver Variability in Physician-Modified Endograft Planning. *Journal of Vascular Surgery* 2015, 61(6), 86S.

## GRANTS

- 2018 ASPIRE, Co-Investigator, \$14, 992  
PI: Dr. Caroline Rudisill, USC Arnold School of Public Health  
*The Clinical and Economic Impact of a Lifestyle Medicine-Based Wellness Program to Treat Severe Obesity*
- 2017 GHS Seed Grant, Co-Investigator,\$20,000  
PI: Dr. Ron Gimbel, Clemson University  
*Factors Influencing Patients Receiving Lung Cancer Screenings; A Hierarchal Analysis*
- 2016 Sages Grant, Co-Investigator, \$30,000  
PI: Dr. Jeremy Warren, Greenville Health System  
*Open versus Robotic Ventral Hernia Repair, A prospective Randomized Trial*

## COURSES TAUGHT

- 8/13-12/13 EXST 301, Instructor, Clemson University  
Experimental Statistics, 1section, 90 students
- 8/08-12/13 EXST 301 Lab, Graduate Teaching Assistant, Clemson University  
Experimental Statistics Lab Course, 3 sections per semester, 60 students

## AWARDS

- 2018 Outstanding Research Team Member, Greenville Health System
- 2013 Quality & Patient Safety Scholarship, Greenville Health System
- 2009 George Hubert Aull Endowment Award, Clemson University
- 2003-2008 Hope Scholar, Georgia State University
- 2004 National Society of Collegiate Scholars, Georgia State University