

CURRICULUM VITAE

Name: Amy Elizabeth Herrin Wahlquist

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Citizenship and/or Visa Information: United States Citizen

Education (Beginning with Baccalaureate Degree):

Institution/Location	Years	Degree/Date (<u>Mo/Yr</u>)	Field of Study
Emory & Henry College Emory, VA	2000-2004	B.S. (05/04)	Mathematics and Computer Science
Virginia Commonwealth University Richmond, VA	2004-2006	M.S. (12/06)	Biostatistics

Internship: (Place) (Dates Mo/Yr) Not applicable

Residencies or Post Doctoral: (Place) (Dates Mo/Yr) Not applicable

Specialty/Board Certification: Not applicable **Date:**

Licensure: Not applicable **Date:**

Military Service:

None

Faculty Appointments (Begin with initial appointment):

Years	Rank	Institution	Department
2006-2009	Research Associate	Medical University of South Carolina	Biostatistics, Bioinformatics, and Epidemiology
2009-2012	Research Associate	Medical University of South Carolina	Medicine, Division of Biostatistics and Epidemiology
2012-2013	Research Instructor	Medical University of South Carolina	Medicine, Division of Biostatistics and Epidemiology
2012-Present	Research Instructor	Medical University of South Carolina	Public Health Sciences

Administrative Appointments:

Years	Position	Institution	Department
None			

Hospital Appointments/Privileges:

Years	Active/Inactive	Institution
None		

Other Experience:

Years	Position	Institution	Department
2002-2004	Computer Technician	Emory & Henry College	Help Desk
2004	Teaching Assistant	Virginia Commonwealth University	Biostatistics

2005	Data Analysis Consultant	Virginia Commonwealth University	Biostatistics/General Medicine/ Internal Medicine/Psychiatry
2005-2006	Biostatistics Consultant	Virginia Commonwealth University	Biostatistics/Technology Services

Membership in professional/scientific societies (include offices held):

National Societies

2006-Present American Statistical Association

2006-Present Eastern North American Region of the International Biometric Society

Local Societies

2008-Present SC Chapter of the American Statistical Association

Editorial Positions:

2009-Present Associate Editor InfoPOEMs for Journal of the National Medical Association

Extramural Grants/award amount (current and past):

As Principal Investigator (% time)

None

As Biostatistician (% time)

Current

CTSA 44% 07/09 – 03/14

DHHS/NIH/NCRR

Principal Investigator: Brady

MUSC Cancer Center Support Grant: Biostatistics Shared Resources 5% 04/09 – 03/14

DHHS/NIH/NCI

Principal Investigator: Garrett-Mayer

Impact of Vitamin D on Diabetic Kidney Disease 4% 08/10 – 07/13

DHHS/NIH/NIDDK

Principal Investigator: Diaz

Biomarkers in Autism of Aripiprazole (BAART) 8% 08/10 – 06/15

DHHS/NIH/NICHD

Principal Investigator: DeVane

A Novel Trial of Smokeless Tobacco for Cessation Induction in Unmotivated Smokers

NIH/NCI 15% 04/11 – 03-16

Principal Investigator: Carpenter

A Pilot Translational Study of Sampling NRT 5% 10/11 – 05/13

MUSC Hollings Cancer Center

Principal Investigator: Carpenter

Improving Resection Rates among African Americans with NSCLC 10% 04/12 – 12/16

NIH/NCMHD

Principal Investigator: Ford

Autism and Developmental Disabilities Monitoring 9% 02/12 – 01/15

Autism Speaks

Principal Investigator: King

Past

Vitamin D Repletion to Improve Endothelial Function in Lupus Patients Arthritis Foundation Principal Investigator: Oates	6%	07/11 – 06-13
Novel Treatment for Smokers DHHS/NIH/NIDA Principal Investigator: Carpenter	15%	09/07 – 05/11
Pilot RCT Tobacco Product Prevent Cancer Foundation Principal Investigator: Carpenter	5%	01/09 – 01/11
New Methods for the Early Diagnosis of Invasive Fungal Infections DHHS/NIH/NIAID Principal Investigator: Del Poeta	15%	08/08 – 07/10
SC Autism and Developmental Disabilities Monitoring Project DHHS/Centers for Disease Control Principal Investigator: Charles	5%	06/06 – 05/10
General Clinical Research Center National Center for Research Resources Principal Investigator: Reves	20%	03/97 – 7/09
South Carolina Consortium of the Clinical Trials Network National Institute on Drug Abuse Principal Investigator: Brady	20%	09/00 – 08/10
Methylphenidate-Ethanol Interaction in ADHD and Coabuse National Institute on Alcohol Abuse and Alcoholism Principal Investigator: Patrick	10%	09/02 – 08/11
Aripiprazole in Schizo-substance Use Bristol-Myers Squibb Principal Investigator: McRae	7%	05/03 – 12/07
Testing Contextual Effects on Treatment of Drug-Using Youth DHHS/NIH/NIDA Principal Investigator: Schoenwald	15%	03/05 – 02/09
Heuristic Modeling of Continuous Oximetry & Capnography Data Predicts Respiratory Compromise National Patient Safety Foundation Principal Investigator: Overdyk	15%	02/06 – 08/07
Methylphenidate Patch & ADHD Shire Pharmaceutical Development Principal Investigator: McRae	5%	11/06 – 11/08

Intramural Grants/amount of award:

None

Awards, Honors, Membership in Honorary Societies:

2004 GlaxoSmithKline First-Year Scholar Award

Academic Committee Activities (past 5 years):

University

College

Department

Division

2006-Present Social Committee (chair person 07/09 – 07/12)

2010-2012 Early Phase Clinical Trial Working Group

Major Teaching Responsibilities (Current):

None

Undergraduate Medical Education

Graduate Medical Education

Spring 2011 Topic: REDCap Guest Lecture for Statistical Computing Class, Division of Biostatistics and Epidemiology, MUSC

Spring 2012 Topic: REDCap Guest Lecture for Statistical Computing Class, Division of Biostatistics and Epidemiology, MUSC

Spring 2013 Topic: REDCap Guest Lecture for Statistical Computing Class, Public Health Sciences, MUSC

Graduate Studies Education

Continuing Medical Education

Major Clinical Interests and Responsibilities: Not applicable

Lectures and Presentations

Invited lectures and presentations

Year	Title	Organization
2008	GEE in Binary Outcomes in SPSS	Hollings Cancer Center, Charleston, SC
2009	Survival Analysis Using SPSS	Hollings Cancer Center, Charleston, SC
2009	ROC Analysis Using SPSS	Hollings Cancer Center, Charleston, SC
2010	Competing Risks Analysis	Department of Radiation Oncology, MUSC, Charleston, SC
2010	REDCap Database Creation	Department of Radiation Oncology, MUSC, Charleston, SC
2010	Phase 0 Study Designs	Early Phase Clinical Trials Working Group MUSC, Charleston, SC
2011	Likelihood-based trial design for single arm phase II studies with binary outcomes	Research Associates, Biostatistics MUSC, Charleston, SC
2012	REDCap Database Creation	Department of Anesthesiology MUSC, Charleston, SC
2012	Journal: A Bayesian-frequentist two-stage single-arm phase II clinical trial design	Early Phase Clinical Trials Working Group MUSC, Charleston, SC
2012	Cancer Prevention and Control Journal Club Group Randomized Trials: Issues with Design and Analysis (Consultant with Matt Carpenter and Elizabeth Garrett-Mayer)	Cancer Prevention and Control Journal Club MUSC, Charleston, SC

Submitted presentations (e.g., abstract or paper presentations)

1. Overdyk F, Carter R, **Herrin A**, Maddox R. "Baseline respiratory indices may miscalculate respiratory depression in PCA patients." American Society of Anesthesiologists Annual Meeting, October 14-18, 2006, Chicago, IL. Poster.
2. Reed SG, Cartmell KB, Duffy NG, **Herrin AE**, Sinha D, Alberg AJ, Ezell D, Day TA. "Oral Cancer Preventive Practices: A Survey of Dentists and Physicians." American Public Health Association, November 4-8, 2006, Boston, MA. Poster.
3. Saady J, **Herrin A**. "DUID - Commonwealth of Virginia Testing Protocol." American Academy of Forensic Science 59th Annual Meeting, February 19-24, 2007, San Antonio, Texas. Oral presentation.
4. Carter RE, **Herrin AE**, Yeatts SD. "Bonferroni-based correction factor for multiple, correlated endpoints." Eastern North American Region of the International Biometric Society (ENAR) 2007 Spring Meeting, March 11-14, 2007, Atlanta, Georgia. Oral presentation.
5. Tolliver BK, McRae AL, Verduin ML, Anderson SJ, **Herrin A**, Carter RE, Brady KT. "A comparison of the efficacy of aripiprazole on psychiatric and substance use outcomes in bipolar and schizophrenic patients." 69th Annual Meeting of the College on Problems of Drug Dependence, June 16-21, 2007, Quebec City, Canada. Poster.
6. Verduin ML, McRae AL, Tolliver BK, **Herrin A**, Carter RE, Brady KT. "Efficacy of aripiprazole in patients with substance use disorders." 69th Annual Meeting of the College on Problems of Drug Dependence, June 16-21, 2007, Quebec City, Canada. Poster.
7. Haynes L, **Herrin A**, Carter R, Back S, Brady K, Hubbard R. "Aftercare attendance partially moderated by history of physical abuse and gender." 69th Annual Meeting of the College on Problems of Drug Dependence, June 16-21, 2007, Quebec City, Canada. Poster.
8. McRae AL, Carter RE, Simpson SA, Anderson SJ, **Herrin AE**, Brady KT. "Baseline predictors for continuation to medication treatment for marijuana-dependent individuals." 69th Annual Meeting of the College on Problems of Drug Dependence, June 16-21, 2007, Quebec City, Canada. Oral presentation.
9. Overdyk FJ, Uebelhoefer L, **Herrin AE**, Carter RE. "Absence of Tolerance to Propofol Infusion during Pediatric Radiation Therapy Using TCI and BIS." American Society of Anesthesiologists Annual Meeting, October 14, 2007, San Francisco, CA. Poster.
10. McRackan TR*, Wakins JM+, **Herrin AE**, Garrett-Mayer EM, Sharma AK, Day TA, Gillespie MB. "The effect of body mass index on chemoradiation outcomes in head and neck cancer." The Annual Meeting of the Triological Society, Eastern Section, January 25, 2008, Philadelphia, PA. Oral presentation.
11. Chaudhary UB, Gudena V, Clark H, Savage S, Curry N, **Wahlquist A**, Keane T. "A Phase II trial of Gemcitabine and Irinotecan in patients with metastatic bladder cancer." Genitourinary Cancers Symposium, February 14-16, 2008, San Francisco, CA. Poster.
12. Gault IE*, Carter RE, **Herrin AE**, McEvoy MD. "Identifying potential preoperative predictors of adverse postoperative outcomes in orthotopic liver transplantation: a retrospective analysis." International Anesthesia Research Society's 82nd Clinical & Scientific Congress, March 29-April 1, 2008, San Francisco, CA. Poster.
13. Watkins JM+, **Herrin AE**, Shirai KS, Garrett-Mayer E, Aguero EG, Sherma CA, Sharma AK. "Predictors of severe acute esophagitis from twice-daily thoracic radiotherapy and concurrent chemotherapy for small-cell lung cancer." 90th Annual Meeting of the American Radium Society, May 3, 2008, Laguna Niguel, CA. Oral presentation.

14. Fortney JA+, Watkins JM+, Shirai KS, **Herrin AE**, Sherman C, Aguero EG, Garrett-Mayer E, Sharma AK. "Limited Stage Small-Cell Lung Cancer: Dose-Optimized Comparison of Twice- Versus Once-Daily Radiotherapy with Concurrent Chemotherapy." 90th Annual Meeting of the American Radium Society, May 3, 2008, Laguna Niguel, CA. Poster.
15. **Wahlquist A**, Garrett-Mayer E. "Likelihood-based trial design for single arm phase II studies with binary outcome." Southern Regional Council on Statistics 2008 Summer Research Conference, June 8-11, 2008, Charleston, SC. Poster.
16. Haynes LF, Carter RE, **Herrin AE**, Calsyn DA. "Increased exposure to an HIV risk reduction protocol associated with a reduction in drug abuse severity." 70th Annual Meeting of the College on Problems of Drug Dependence, June 14-19, 2008, San Juan, Puerto Rico. Poster.
17. Watkins JM+, **Herrin AE**, Shirai KS, Garrett-Mayer E, Stuart RK, Gillespie MB, Day TA, Sharma AK. "Low-dose weekly platinum-based chemotherapy with concurrent radiotherapy (CRT) for locally advanced head/neck cancer (LAHNC)." 7th International Conference on Head and Neck Cancer, July 19, 2008, San Francisco, CA. Oral presentation.
18. Shirai KS, Watkins JM+, **Herrin AE**, Garrett-Mayer E, Aguero EG, Sherman CA, Sharma AK. "Impact of treatment duration and delays on in-field disease control for twice-daily radiotherapy (BID-RT) in limited-stage small-cell lung cancer (SCLC)." 50th Annual Meeting of the American Society for Radiation Oncology, September 21-25, 2008, Boston, MA. Poster.
19. Watkins JM+, **Herrin AE**, Ruppert B*, Harper JL, Garrett-Mayer E, Baker MK, Dragun AE, Cole DJ, Jenrette JM. "Prognostic factors for ipsilateral breast and overall disease failure in Mammosite brachytherapy (MBT)." 50th Annual Meeting of the American Society for Radiation Oncology, September 21-25, 2008, Boston, MA. Poster.
20. Ford ME, Streets J*, McClary B, **Herrin AE**, Stinson MB, Etheredge JW, Garrett-Mayer E. "Evaluating a Faith-Based Cancer Education Program for African American Women in South Carolina." 136th American Public Health Association Annual Meeting & Exposition, October 25-29, 2008, San Diego, CA. Poster.
21. Ford ME, Streets J*, McClary B, **Herrin AE**, Brandt H, Stinson MB, Etheredge JW, Garrett-Mayer E. "Evaluating Community and Faith-Based Cancer Education Programs in South Carolina." Gerontological Society of America Annual Meeting, November 21-25, 2008, National Harbor, MD. Oral presentation.
22. Watkins JM+, Shirai KS, Fortney JA+, **Wahlquist AE**, Garrett-Mayer E, Day TA, Gillespie MB, Sharma AK. "Survival and patterns of failure of salvage resection for isolated residual or recurrent loco-regional head/neck cancer following definitive concurrent chemoradiotherapy." 94th Scientific Assembly and Annual Meeting of the Radiological Society of North America, November 30, 2008, Chicago, IL. Poster.
23. Harper JL, Watkins JM+, **Wahlquist AE**, Garrett-Mayer E, Baker MK, Cole DJ, Dragun AE, Jenrette JM. "Long term disease control outcomes for partial breast irradiation using MammoSite brachytherapy." 31st Annual San Antonio Breast Cancer Symposium, December 10-14, 2008, San Antonio, TX. Poster.
24. Ford ME, Streets J*, Mitchum KA, McClary MB, Brandt H, Harper R, Stinson MB, Etheredge JW, Sweat MA, Campbell K, **Wahlquist AE**. "Evaluating Community Based Cancer Education Programs with Underserved Populations in South Carolina." NIH Summit: The Science of Eliminating Health Disparities, December 16-18, 2008, National Harbor, MD. Oral presentation.

25. Chaudhary UB, Gudena V, Milling DL, O'Brien P, Montero AJ, Brashears J, Marshall D, Hoffman B, **Wahlquist A**, Esnaola N. "Preliminary results of a Phase II neoadjuvant trial with gemcitabine/oxaliplatin and cetuximab followed by surgery or concurrent intensity modulated radiation therapy (IMRT) with capecitabine for patients with borderline resectable and unresectable nonmetastatic pancreatic cancer." Gastrointestinal Cancer Symposium (GI ASCO), January 15-17, 2009, San Francisco, CA. Poster.
26. Zauls AJ+, Fortney JA+, Watkins JM+, Shirai KS, **Wahlquist AE**, Garrett-Mayer E, Gillespie MB, Day TA, O'Brien PE, Sharma AK. "Definitive concurrent chemoradiotherapy (CRT) for loco-regionally advanced head/neck cancers (HNC): a comparative analysis of weekly low-dose (Qwk) versus every 3-week full-dose (Q3wk) platinum regimens in 136 patients." 91st Annual Meeting of the American Radium Society, April 25-29, 2009, Vancouver, BC. Oral presentation.
27. Watkins JM+, **Wahlquist AE**, Zauls AJ+, Batchelor EC*, Garrett-Mayer E, Aguero EG, Siverstri GA, Sharma AK. "High-Dose Fractionated Radiotherapy for Medically Inoperable Non-Small Cell Lung Cancer: 100 Patient Experience." 10th International Lung Cancer Congress, June 17-20, 2009, Kohala Coast, HI. Poster.
28. Zauls AJ+, Watkins JM+, **Wahlquist AH**, Shirai K, Garrett-Mayer E, Aguero EG, Silvestri GA, Sherman CA, Sharma AK. "Involved-Field Radiotherapy with Concurrent Chemotherapy for Limited-Stage Small-Cell Lung Cancer (SCLC): Patterns of Failure, Disease Control, and Survival." 10th International Lung Cancer Congress, June 17-20, 2009, Kohala Coast, HI. Poster.
29. Haynes L, **Wahlquist A**, Carter R, Back S, Payne R, Hillhouse M. "Gender differences at presentation for treatment-seeking opiate dependence." 71st Annual Meeting of the College on Problems of Drug Dependence, June 20-25, 2009, Reno/Sparks, NV. Poster.
30. Cooper SL+, Fortney JA+, **Wahlquist AE**, Garrett-Mayer E, Patil SJ, Giglio P, Jenrette JM. "Balloon brachytherapy vs chemotherapy for recurrent malignant gliomas." 2009 Joint Meeting of the Society for Neuro-Oncology and the AANS/CNS Section on Tumors, October 22-24, 2009, New Orleans, LA. Poster.
31. Bond SM, Cartmell KB, Ford ME, **Wahlquist AE**, Brandt HM, Alberg AJ. "A Survey to Examine Adolescent Female and Adult Differences in Knowledge and Acceptance of the HPV Vaccine for Cervical Cancer Prevention." 9th Annual Scientific Hollings Cancer Center Research Retreat, November 20, 2009, Charleston SC. Poster.
32. Zauls AJ+, Watkins JM+, Brackett NC, **Wahlquist AE**, Aguero EG, Baker MK, Garrett-Mayer E, Jenrette JM, Harper JL. "MammoSite Brachytherapy versus Whole Breast Radiotherapy: 5-Year Comparative Outcome Analysis of a Single Institution." Radiological Society of North America (RSNA) 2009 Annual meeting, November 29-December 4, 2009, Chicago, IL. Oral presentation.
33. Ford ME, **Wahlquist A**, Blake R, Streets J, Johnson E, Sweat M, Johnson S, Garrett-Mayer E. "Evaluating an Intervention to Improve Perceptions of Cancer Clinical Trials among Racially Diverse Communities in South Carolina." 8th Annual AACR International Conference on Frontiers in Cancer Prevention Research, December 6-9, 2009, Houston, TX. Poster.
34. Ford ME, **Wahlquist A**, Ridgeway C, Streets J, Mitchum K, Harper R, Hamilton I, Etheredge J, Sweat M, Campbell K, Garrett-Mayer E. "Evaluating an Intervention to Increase Cancer Knowledge in Racially Diverse Communities in South Carolina." 8th Annual AACR International Conference on Frontiers in Cancer Prevention Research, December 6-9, 2009, Houston, TX. Poster.
35. Swindle A, **Wahlquist A**, Meadowcraft L, Brittain K. "The Effect of Implementing an Educational Program Targeting Seniors to Improve Attitude and Willingness to Receive the Herpes Zoster Vaccine." American Pharmacists Association, March 12-15, 2010, Washington, DC. Poster.

36. Ford ME, **Wahlquist A**, Ridgeway C, Streets J, Mitchum K, Harper R, Hamilton I, Etheredge J, Sweat M, Campbell K, Garrett-Mayer E. "Evaluating an Intervention to Increase Cancer Knowledge in Racially Diverse Communities in South Carolina." American Society of Preventative Oncology 2010, March 21-23, 2010, Bethesda, MD. Poster.
37. Bond SM, Cartmell KB, Ford ME, **Wahlquist AE**, Brandt HM, Alberg AJ. "Adolescent female perceptions of human papillomavirus vaccines for the prevention of cervical cancer." American Society of Preventative Oncology 2010 Annual Meeting, March 21-23, 2010, Bethesda, MD. Poster.
38. Bond SM, Cartmell KB, Ford ME, **Wahlquist AE**, Brandt HM, Alberg AJ. "Adult perceptions of human papillomavirus vaccines for the prevention of cervical cancer." American Society for Colposcopy and Cervical Pathology in Las Vegas, March 24-27, 2010, Las Vegas, NV. Poster.
39. Swindle A, **Wahlquist A**, Meadowcraft L, Brittain K. "The Effect of Implementing an Educational Program Targeting Seniors to Improve Attitude and Willingness to Receive the Herpes Zoster Vaccine." South-eastern Residency Conference, Athens, GA, April 28-30, 2010. Oral presentation.
40. Opfermann KJ+, Kearney P, Watkins JM, **Wahlquist A**, Kohler MF, Jenrette JM. "Impact of Radiation Distribution (Point A Asymmetry) on Patient Outcome in Low Dose-Rate (LDR) Brachytherapy in Advanced Cervix Cancer." South Carolina Medical Association Annual Meeting, April 30 - May 2, 2010, Myrtle Beach, SC. (3rd place prize winner). Poster.
41. Zauls AJ+, Watkins JM+, Brackett NC, **Wahlquist AE**, Aguero EG, Baker MK, Jenrette, JM, Garrett-Mayer E, Harper JL. "MammoSite Brachytherapy versus Whole Breast Irradiation: Analysis of Patient Outcomes Stratified by the ASTRO Consensus Statement Groups for Accelerated Partial Breast Irradiation." 2010 American Radium Society Annual Meeting, May 1-5, 2010, Cancun, Mexico. (accepted as 2010 ARS Young Oncology Essay Award). Oral presentation.
42. Kamen DL, Meyer AK, Parker TM, **Wahlquist AH**, Nietert PJ, Hollis BW, Gilkeson GS. "Repletion of Vitamin D Deficiency is Safe and Well-Tolerated among African Americans (AAs) with SLE." 9th International Congress on Systemic Lupus Erythematosus, Vancouver, BC, June 24-27, 2010. Oral presentation.
43. Cannick L+, Zauls AJ+, **Wahlquist AE**, Harper J. "Triple Negative Breast Cancers: MammoSite Brachytherapy versus Whole Breast Irradiation a Single Institution Retrospective Review." Breast Cancer Symposium 2010, Washington, DC, October 1, 2010. Poster.
44. Opfermann KJ+, **Wahlquist AH**, Garrett-Mayer E, Cannick L, Marshall DT. "Adjuvant Radiotherapy and Lymph Node Status for Pancreatic Cancer: Results of a Study from the Surveillance, Epidemiology, and End Results (SEER) Registry Data." 52nd Annual Meeting of the American Society for Radiation Oncology, San Diego, CA, October 31-November 4, 2010. Oral presentation.
45. Koonce JD, Schmidt B, Weininger M, **Wahlquist AE**, Nietert PJ, Bastarrika G, Flohr TG, Schoepf UJ. "Accuracy of Dual Energy Compute Tomography for Measuring Iodine Concentration." 96th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, IL, November 28-December 3, 2010. Oral presentation.
46. Sweeney RE+, Harvey NR, Mansker DR, **Wahlquist AH**, Marshall DT, Cole DJ, Hill E, Esnaola NF, Camp ER. "The Impact of Surgical Diversion Prior to Neoadjuvant Therapy for Locally Advanced Rectal Cancer." 6th Annual Academic Surgical Congress, Huntington Beach, CA, February 1-3, 2011. Oral presentation.

47. Carpenter MJ, **Wahlquist AE**, Alberg AJ, Gray KM, Saladin ME. "To quit or not to quit: Reach and enrollment of a nationwide clinical trial." Society for Research on Nicotine and Tobacco 17th Annual Meeting, Toronto, Canada, February 16-19, 2011. Poster.
48. McIntyre M, Clarke S, Nickles S, **Wahlquist A**, Savage S. "Does the Extent of Evaluation of Lower Urinary Tract Symptoms (LUTS) Impact the Success of Bladder Outlet Reduction Surgery (BORS)?" Society for Urodynamics and Female Urology 2011 Winter Meeting, Phoenix, AZ, March 1 – 5, 2011. Oral presentation.
49. Mansker DR, Harvey NR, Sweeney RE+, **Wahlquist AE**, Marshall DT, Cole DJ, Hill E, Esnaola NF, Camp ER. "The Impact of Metabolic Syndrome on Outcomes Following Neoadjuvant Therapy in Locally Advanced Colorectal Cancer Patients." 64th Annual Cancer Symposium for Society of Surgical Oncology, San Antonio, TX, March 2-5, 2011. Poster.
50. Dingle IF, **Wahlquist AE**, Vanek KN, Sharma AK, Nielsen CD, Harper JL. "Intravascular brachytherapy for coronary in-stent restenosis: MUSC's single institution long-term experience." American Brachytherapy Society Annual Meeting, San Diego, CA, April 14, 2011. Oral presentation.
51. Coffey C, O'Connell B, **Wahlquist AE**, Day T. "Evolving Trends in the Management of Laryngeal Cancer in South Carolina: 1991-95, 2001-2005." Combined Otolaryngology Spring Meetings, Chicago, IL, April 27, 2011. Poster.
52. Zauls AJ+, **Wahlquist AE**, Sharma AK. "Comparison of Concurrent Chemoradiotherapy with Cetuximab or Full-Dose Cisplatin in the Management of Advanced Squamous Cell Carcinoma of the Head and Neck." American Radium Society 93rd Annual Meeting, Palm Beach, FL, April 30-May 4, 2011. Oral presentation.
53. Somaiah N, Garrett-Mayer E, Huang X, **Wahlquist A**, Danenberg K, Simon G. "Negative Thyroid Transcription Factor (TTF-1) status predicts for negative Epidermal Growth Factor Receptor (EGFR) Mutations (Mts) status with a high Negative Predictive Value (NPV) in patients (pts) with Adenocarcinomas (AC) of the Lung." ASCO 2011 Annual Meeting, Chicago, IL, June 3-7, 2011. Poster.
54. Baker GH, **Wahlquist A**, Shirali G. "Feasibility of Invasive and Non-invasive Preload Recrutable Stroke Work Derived from Three-Dimensional Echocardiography." American Society of Echocardiography 22nd Annual Scientific Sessions, Montreal, Quebec, Canada, June 11-14, 2011. (Finalist for 2011 Arthur E. Weyman Young Investigator's Award). Oral presentation.
55. Arthur JM, Obeid J, Shewfelt E, Gentilin S, **Wahlquist A**, Nietert P. "Biomedical Research Bank." 4th Annual Clinical Research Management Workshop, Bethesda, MD, June 2011. Poster.
56. Perna MJ, **Wahlquist A**, Nietert P. "Perioperative Glucose Control in the Gastric Bypass Population." Medical University of South Carolina, Charleston, SC, June 2011. Poster.
57. Somaiah N, Garrett-Mayer E, Huang X, **Wahlquist A**, Danenberg K, Simon G. "Negative Thyroid Transcription Factor (TTF-1) status predicts for negative Epidermal Growth Factor Receptor (EGFR) Mutations (Mts) status with a high Negative Predictive Value (NPV) in patients (pts) with Adenocarcinomas (AC) of the Lung." 14th World Conference on Lung Cancer (International Association for the Study of Lung Cancer), Amsterdam RAI, The Netherlands, July 3-7, 2011. Oral presentation.
58. Nietert PJ, **Wahlquist AE**, Herbert TL. "Diffusion of Recent Biostatistical Methods into General/Internal Medicine Research." Association for Clinical and Translational Statisticians, Miami Beach, FL, July 30-31, 2011. Poster.

59. Carpenter MJ, Jardin BF, **Wahlquist AE**. "NRT Sampling for Cessation Induction: Moderating Effects Among Sub-Groups of Smokers." Addiction Health Services Conference, Fairfax, VA (October 2011). Oral presentation.
60. **Wahlquist A**, Tutman J, Sas DJ. "Demographic, clinical, and laboratory characteristics of 137 pediatric nephrolithiasis patients." American Society of Nephrology, San Diego, CA, October 30-November 4, 2011. Poster.
61. Hill JG, Hege MC, Nietert PJ, **Wahlquist AE**, Ackerman SJ, Gordon L. "Achieving Excellence in Communication Skills: Development and Implementation of an Objective Structured Clinical Examination to Evaluate Radiology Specific Communication Skills." 2011 RSNA Meeting, Chicago, IL, November 27-December 2, 2011. Poster.
62. Rhome R, **Wahlquist A**, Garrett-Mayer E, Harper J. "Investigation of Epidemiological Factors As Barriers To Indicated Radiation Therapy in Post-Mastectomy Breast Cancer Patients in South Carolina." 34th Annual San Antonio Breast Cancer Symposium, San Antonio, TX (December 2011). Oral presentation.
63. Streck CJ, Jewett BM, **Wahlquist AH**, Gutierrez PS, Russell WS (2011). Evaluation for intra-abdominal injury in children following blunt torso trauma. Can we reduce unnecessary abdominal CT by utilizing a clinical prediction model? Eastern Association for the Surgery of Trauma meeting, January 10-14, 2012, Lake Buena Vista, FL. Oral presentation.
64. Jain SK, **Wahlquist AE**, Nietert PJ, Arthur JM, Budisavljevic MM. "Cystatin C as A Marker of Renal Function in African American Living Kidney Donor." Southern Society for Clinical Investigation, New Orleans, LA, February 9-11, 2012. Oral presentation.
65. Perna, MJ, **Wahlquist AE**, Nietert PJ. "Perioperative Glucose Control in the Gastric Bypass Population: How well do we do, how well do we think we do, and is it predictable." Academic Surgical Congress, Las Vegas, NV, February 14-16, 2012. Poster.
66. Spratt EG, Marsh C, **Wahlquist A**, Nietert P, Brady K, Wagner C. "Mother-Baby Neurobiology: Cortisol Levels." DCRI, March 29, 2012. Poster.
67. Ford ME, **Wahlquist AH**, Etheredge JW, Blake R, Streets J, Fuller E, Johnson E, Varner H, Glover SH, Jefferson MS, Garrett-Mayer E. "Improving Clinical Trial Perceptions among Racially Diverse Communities in South Carolina". 25th Biennial Symposium on Minorities, the Medically Underserved & Health Equity, Houston TX, June 27 - July 1, 2012. Oral presentation.
68. Nietert PJ, **Wahlquist AE**, Herbert TL. "Diffusion of Recent Biostatistical Methods into General/Internal Medicine Research." 2012 Joint Statistical Meetings, San Diego, CA, July 28-August 2, 2012. Poster.
69. Carpenter M, Jardin BF, Alberg A, Cummings KM, Gray K, Andrews J, **Wahlquist A**, "Interest in Smokeless Tobacco Among Smokers with No Current Interest in Quitting." National Conference on Tobacco or Health, Kansas City, Missouri, August 15-17, 2012. Poster.
70. Jardin B, Carpenter M, Cummings KM, **Wahlquist A**. "A Pilot Translational Study of Sampling NRT for Cessation Induction: Is Motivation Necessary?" National Conference on Tobacco or Health, Kansas City, Missouri, August 15-17, 2012. Poster.
71. Butts RJ, Scheurer MA, Zyblewski SC, Forbus GA, **Wahlquist AE**, Nietert PJ, Bradley SM, Atz AM, Graham EM. "The Clinical Composite Outcome Measure in Neonatal Cardiac Surgery: A Better Surrogate Endpoint?" AHA meeting November, 2012. Poster.

72. Jardin BF, Carpenter MJ, Cummings MK, Burris JL, Wahlquist AE. "Sampling NRT for Cessation Induction: Is Motivation Necessary?" 2013 SRNT 19th Annual International Meeting, Boston, MA, March 13-16, 2013. Poster.
73. Ahlman MA, Nietert PJ, **Wahlquist AH**, Spicer KM. "Variation in sum scoring for a population with abnormal SPECT myocardial perfusion." Submitted to Society of Nuclear Medicine and Molecular Imaging 2013 Annual Meeting, Vancouver, BC, Canada. June 8-12, 2013.

* denotes student

+ denotes resident

Extramural Professional Activities:

2008-Present Statistical reviewer for the Journal of the National Medical Association

Community Service:

2006 Mission Trip to Slidell, Louisiana for Hurricane Katrina Relief
 2006 Departmental Holiday Food Drive
 2007, 2010 MUSC Children's Hospital Toiletries Drive
 2007 Race for the Cure Volunteer – Charleston, SC
 2007-Present Operation Christmas Child care boxes
 2007-2009 BeadforLife Party Host
 2008 VA Hospital Socks for Easter Drive
 2008 Crisis Ministries food/necessities collection
 2008-2011 Charleston County Public Library Book Sales Volunteer
 2009 Green Village Tour 8K Race Volunteer
 2009-2011 Lowcountry Food Bank food collection
 2012-Present Upward Basketball Commissioner
 2012-Present Fort Johnson Baptist Church Youth Leader

Publications: Number and list in chronological order publications under the following headings in the order shown.

Peer Reviewed Journal Articles: Published or accepted for publication in final form

1. Patrick KS, Straughn AB, Minhinnett RR, Yeatts SD, **Herrin AE**, DeVane CL, Malcolm R, Janis GC, Markowitz, JS. "Influence of Ethanol and Gender on Methylphenidate Pharmacokinetics and Pharmacodynamics." *Clinical Pharmacology and Therapeutics* **81(3)**: 346-353 (2007). PMID: 17339864; PMCID: 3188424
2. Overdyk FJ, Carter R, Maddox RR, Callura J, **Herrin AE**, Henriquez C. "Continuous Oximetry/Capnometry Monitoring Reveals Frequent Desaturation and Bradypnea During Patient-Controlled Analgesia." *Anesthesia & Analgesia* **105(2)**: 412-418 (2007). PMID: 17646499
3. Carter RE, Haynes LF, Back SE, **Herrin AE**, Brady KT, Leimberger JD, Sonne SC, Hubbard RL, Leipman MR. "Improving the Transition from Residential to Outpatient Addiction Treatment: Gender Differences in Response to Supportive Telephone Calls". *The American Journal of Drug and Alcohol Abuse* **34(1)**: 47-59 (2008). PMID: 18161643; PMCID: 2633717
4. McRackan TR*, Watkins JM+, **Herrin AE**, Garrett-Mayer E, Sharma AK, Day TA, Gillespie MB. "Effect of body mass index on chemoradiation outcomes in head and neck cancer." *The Laryngoscope* **118(7)**: 1180-1185 (2008). PMID: 18475213

5. Fernandes VL, Nielsen C, Nagueh SF, **Herrin AE**, Slifka C, Franklin J, Spencer WH. "Follow-Up of Alcohol Septal Ablation for Symptomatic Hypertrophic Obstructive Cardiomyopathy: The Baylor and MUSC Experience 1996 to 2007." *Journal of American College of Cardiology: Cardiovascular Interventions* **1**(5): 561-570 (2008). PMID: 19463359
6. McRae-Clark AL, Verduin ML, Tolliver BK, Carter RE, **Wahlquist AE**, Brady KT, Cluver JS, Anderson S. "An open-label trial of aripiprazole treatment in dual diagnosis individuals: safety and efficacy." *Journal of Dual Diagnosis* **5**(1): 83-96 (2009).
7. Watkins JM+, Shirai KS, **Wahlquist AE**, Stuart RK, Chaudhary UB, Garrett-Mayer E, Day TA, Gillespie MB, Sharma AK. "Toxicity and survival outcomes of hyperfractionated split-course reirradiation and daily concurrent chemotherapy in locoregionally recurrent, previously irradiated head and neck cancers." *Head & Neck* **31**: 493-502 (2009). PMID: 19156831
8. Watkins JM+, Marshall DT, Patel S, Giglio P, **Herrin AE**, Garrett-Mayer E, Jenrette JM. "High-dose radiotherapy to 78 Gy with or without temozolomide for high grade gliomas." *Journal of Neuro-Oncology* **93**: 343-348 (2009). PMID: 19142584
9. Watkins JM+, **Wahlquist AE**, Shirai K, Garrett-Mayer E, Aguero EG, Fortney JA+, Sherman CA, Sharma AK. "Factors associated with severe acute esophagitis from hyperfractionated radiotherapy with concurrent chemotherapy for limited-stage small-cell lung cancer." *Int J Radiat Oncol Biol Phys* **74**:1108-1113 (2009). PMID: 19084345
10. McRae-Clark AL, Carter RE, Killeen TK, Carpenter MJ, **Wahlquist AE**, Simpson SA, Brady KT. "A placebo-controlled trial of buspirone for the treatment of marijuana dependence." *Drug & Alcohol Dependence* **105**(1-2):132-138 (2009). PMID: 19699593; PMCID: 2789590
11. Watkins JM+, Zauls AJ+, **Wahlquist AH**, Shirai K, Garrett-Mayer E, Gillespie MB, Day TA, Sharma AK. "Low-dose weekly platinum-based chemoradiation for advanced head/neck cancer." *Laryngoscope* **120**:236-242 (2010). PMID: 19950378
12. Harper JL, Watkins JM+, Zauls AJ+, **Wahlquist AE**, Garrett-Mayer E, Baker MK, Cole DJ, Dragun AE, Jenrette JM. "Six-year experience: long term disease control outcomes for partial breast irradiation using Mammosite balloon brachytherapy." *American Journal of Surgery* **199**:204-209 (2010). PMID: 19837390
13. Reed SG, Cartmell KB, Duffy NG, **Wahlquist AE**, Sinha D, Hollinger A, Bode A, Alberg AJ, Day TA. "Oral cancer preventive practices of South Carolina dentists and physicians." *Journal of Cancer Education* **25**(2):166-173 (2010). PMID: 20082174
14. Ruppert BN*, Watkins JM+, Shirai K, **Wahlquist AE**, Garrett-Mayer E, Aguero EG, Sherman CA, Reed CE, Sharma AK. "Cisplatin/irinotecan versus carboplatin/paclitaxel as definitive chemoradiotherapy for loco-regionally advanced esophageal cancer." *Am J Clin Oncol* **33**(4): 346-352 (2010). PMID: 19841574
15. Watkins JM+, Fortney JA+, **Wahlquist AE**, Shirai K, Garrett-Mayer E, Aguero EG, Sherman CA, Turrisi AT, Sharma AK. "Once-daily radiotherapy to ≥ 59.4 Gy versus twice-daily radiotherapy to ≥ 45 Gy with concurrent chemotherapy for limited-stage small-cell lung cancer: a comparative analysis of toxicities and outcomes." *Jpn J Radiol* **28**: 340-348 (2010). PMID: 20585921
16. Watkins JM, **Wahlquist AE**, Zauls AJ+, Shirai K, Garrett-Mayer E, Aguero EG, Silvestri GA, Sherman CA, Sharma AK. "Involved-field radiotherapy with concurrent chemotherapy for limited-stage small-cell lung cancer (SCLC): disease control, patterns of failure, and survival." *J Med Imaging Radiat Oncol* **54**(5): 483-489 (2010). PMID: 20958948

17. Watkins JM, **Wahlquist AE**, Zauls AJ+, Fields EC, Garrett-Mayer E, Aguerro EG, Silverstri GA, Sharma AK. "High-Dose Fractionated Radiotherapy to 80 Gy for Stage I-II Medically Inoperable Non-Small-Cell Lung Cancer" *J Med Imaging Radiat Oncol* **54**(6):554-561 (2010). PMID: 21199434
18. Ford ME, **Wahlquist AE**, Ridgeway C, Streets J, Mitchum KA, Harper RR JR, Hamilton I, Etheredge JJ, Jefferson MS, Varner H, Campbell K, Garrett-Mayer E. "Evaluating an intervention to increase cancer knowledge in racially diverse communities in South Carolina." *Patient Educ Couns* **83**:256-260 (2011). PMID: 20674239
19. McIntyre M, Weiss A, **Wahlquist A**, Keane T, Clarke H, Savage S. "Penile Cancer: An Analysis of Socioeconomic Factors at a Southeastern Tertiary Referral Center" *The Canadian Journal of Urology* **18**:5524-5528 (2011). PMID: 21333043
20. Scott LA, Ross AP, Schnellman JG, **Wahlquist AE**. "Surge Capability: CHAPTER and SC Healthcare Worker Preparedness." *Journal of South Carolina Medical Association* **107**: 74-77 (2011). PMID: 22057707; PMCID: 3211101
21. Kraft AS, Garrett-Mayer E, **Wahlquist AE**, Golshayan A, Chen CS, Butler W, Bearden J, Lilly M. "Combination therapy of recurrent prostate cancer with the proteasome inhibitor bortezomib plus hormone blockade." *Cancer Biol Ther* **12**(2):119-124 (2011). PMID: 21532336
22. Back SE, Payne RL, **Wahlquist AH**, Carter RE, Stroud Z, Haynes L, Hillhouse M, Brady KT, Ling W. "Comparative Profiles of Men and Women with Opioid Dependence: Results from a National Multisite Effectiveness Trial." *American Journal of Drug and Alcohol Abuse* **37**:313-323 (2011). PMID: 21854273; PMCID: 3164783
23. Kearney PL, Watkins JM, Shirai K, Wahlquist AE, Fortney JA, Garrett-Mayer E, Gillespie MB, Sharma AK. "Salvage Resection for Isolated Local and/or Regional Failure of Head/Neck Cancer Following Definitive Concurrent Chemoradiotherapy Case Series and Review of Literature." *McGill J Med* **13**(2):29-37 (2011). PMID: 22363192; PMCID: 3277417
24. Zauls AJ+, Watkins JM, **Wahlquist AE**, Brackett NC, Aguerro EG, Baker MK, Jenrette JM, Garrett-Mayer E, Harper JL. "Outcomes in Women Treated with MammoSite Brachytherapy or Whole Breast Irradiation Stratified by ASTRO Accelerated Partial Breast Irradiation Consensus Statement Groups" *Int J Radiat Oncol Biol Phys* **82**(1):21-29 (2012). PMID: 20951508
25. Carpenter MJ, Hughes JR, Gray KM, **Wahlquist AE**, Saladin ME, Alberg AJ. "Sampling Nicotine Replacement Therapy to Induce Quit Attempts Among Smokers Unmotivated to Quit: A Randomized Clinical Trial." *Archives of Internal Medicine* **171**(21): 1901-1907 (2012). PMID: 22123796
26. Scott LA, Maddux PT, Schnellmann J, Hayes L, Tolley J, **Wahlquist AE**. "High-fidelity multiactor emergency preparedness training for patient care providers." *American Journal of Disaster Medicine* **7**(3): 178-188 (2012). PMID: 23140061
27. Ford M, **Wahlquist A**, Blake R, Green C, Streets J, Fuller E, Johnson E, Jefferson M, Etheredge J, Varner H, Johnson S, Glover S, Turner D, Garrett-Mayer E. "Assessing an intervention to improve clinical trial perceptions among predominantly African American communities in South Carolina." *Progress in Community Health Partnerships: Research Education and Action* **6**(3):249-263 (2012). PMID: 22982839

28. Revuelta GJ, Uthayathas S, **Wahlquist AE**, Factor SA, Papa SM. "Non-human primate FOG develops with advanced parkinsonism induced by MPTP Treatment." *Exp Neurology* **237(2)**: 464-469 (2012). PMID: 22967858
29. Streck CJ, Jewett BM, **Wahlquist AH**, Gutierrez PS, Russell WS. "Evaluation for intra-abdominal injury in children after blunt torso trauma: can we reduce unnecessary abdominal computed tomography by utilizing a clinical prediction model?" *J Trauma Acute Care Surg* **73(2)**: 371-376 (2012). PMID: 22846942
30. Nicholas JS, Carpenter LA, King LB, Jenner W, Wahlquist A, Logan S, Charles JM. "Completeness of Case Ascertainment for Surveillance of Autism Spectrum Disorders Using the Autism Developmental Disabilities Monitoring Network Methodology." *Disability and Health Journal* **5(3)**: 185-189 (2012). PMID: 22726859
31. Nietert PJ, **Wahlquist AE**, Herbert TL. "Characteristics of recent biostatistical methods adopted by researchers publishing in general / internal medicine journals." *Statistics in Medicine* (epub ahead of print 3/13/2012). PMID: 22415768; PMCID: PMC3521084
32. Opfermann KJ, **Wahlquist AE**, Garrett-Mayer E, Shridhar R, Cannick L, Marshall DT. "Adjuvant Radiotherapy and Lymph Node Status for Pancreatic Cancer: Results of a Study from the Surveillance, Epidemiology, and End Results (SEER) Registry Data." *American Journal of Clinical Oncology* (epub ahead of print 12/1/2012). PMID: 23211221
33. Scott LA, Crumpler J, Tolley J, Jones EM, **Wahlquist AE**. "Disaster care provider workforce assessment." *J S C Medical Association* **108(3)**:80-83 (2012). PMID: 23272386
34. Butts RJ, Scheurer MA, Zyblewski SC, **Wahlquist AE**, Nietert PJ, Bradley SM, Atz AM, Graham EM. A Composite Outcome for Neonatal Cardiac Surgery Research. *The Journal of Thoracic and Cardiovascular Surgery* (accepted 3/18/2013 epub ahead of print 4/12/2013).
35. Opfermann KJ+, **Wahlquist AE**, Watkins JM, Kohler MF, Jenrette JM. "Impact of Point A Asymmetry on Local Control and Survival for Low Dose-Rate (LDR) Brachytherapy in Cervix Cancer." *Journal of Contemporary Brachytherapy* (accepted 2/24/2012).
36. Burris JL, **Wahlquist AE**, Carpenter MJ. "Characteristics of Cigarette Smokers Who Want to Quit Now versus Quit Later." *Addictive Behaviors* (accepted 2/19/2013).
37. Scott LA, Swartzentruber DA, Davis CA, Maddux PT, Schnellman J, Wahlquist AE. "Competency in Chaos: Lifesaving Performance of Care Providers Utilizing a Competency-Based, Multi-Actor Emergency Preparedness Training Curriculum". *Prehospital and Disaster Medicine* (accepted 4/9/2013).
38. Costa LJ, **Wahlquist AE**, Xavier AC, Hill EG. "Trends in survival of patients with Burkitt lymphoma/leukemia in the USA: an analysis of 3691 cases." *Blood* (accepted 4/29/2013).

Non- Peer Reviewed: Published non-peer reviewed journal articles

1. **Herrin, A.E.** Review of SPSS for Introductory Statistics: Use and Interpretation, 3rd Ed. by George A. Morgan, Nancy L. Leech, Gene W. Gloeckner, and Karen C. Barrett. *The American Statistician*, **62(1)**: 5 (2008).
2. **Wahlquist, A.E.** Review of Carpenter's Complete Guide to the SAS REPORT Procedure by Art Carpenter. *The American Statistician*, **63(1)**: 100-101 (2009).

Scholarly Books and Monographs:

1. **Herrin, A.E.** "Assessing, Modifying, and Combining Data Fields from the Virginia Office of the Chief Medical Examiner (OCME) Dataset and the Virginia Department of Forensic Science (DFS) Driving Under the Influence of Drugs (DUI) Datasets in Order to Compare Concentrations of Selected Drugs." 2006. Thesis, Advisor: R.K. Elswick.

Chapters in Scholarly Books and Monographs

Peer Reviewed Electronic Publications:

Non-Peer Reviewed Electronic Publications:

Other Publications: (e.g., newspapers and magazines)