

# CURRICULUM VITAE

**TODD A. SCHWARTZ**

(MARCH 9, 2017)

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Department of Biostatistics  
Gillings School of Global Public Health  
University of North Carolina at Chapel Hill  
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OFFICE (NURSING):

2010 Carrington Hall, CB 7460  
School of Nursing  
University of North Carolina at Chapel Hill  
Chapel Hill, NC 27599-7460  
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EDUCATION

**Doctor of Public Health**, Biostatistics, 2004

*School of Public Health  
The University of North Carolina at Chapel Hill*

Doctoral Dissertation: "A Study of Sample Size Re-Calculation with Particular Focus on Active- and Placebo-Controlled Non-Inferiority Trials,"  
under the direction of Jonathan S. Denne, PhD

**Master of Science**, Biostatistics, 1998

*School of Public Health  
The University of North Carolina at Chapel Hill*

Master's Paper: "Interim Analyses in Randomized Clinical Trials,"  
under the direction of Gary G. Koch, PhD

**Bachelor of Arts (*Summa Cum Laude*)**, Mathematics (Statistics minor), 1995

*Messiah College, Grantham, Pennsylvania*

**PROFESSIONAL EXPERIENCE**

- 2014 to Present      **Research Associate Professor**  
 Department of Biostatistics  
*Gillings School of Global Public Health*  
*The University of North Carolina at Chapel Hill*
- 2014 to Present      **Research Associate Professor**  
 School of Nursing (Joint Appointment)  
*The University of North Carolina at Chapel Hill*
- 2014 to Present      **Adjunct Associate Professor**  
 Division of Pharmacotherapy and Experimental Therapeutics  
 Eshelman School of Pharmacy (Adjunct Appointment)  
*The University of North Carolina at Chapel Hill*
- 2013 to Present      **Methodology Core Principal Investigator and Co-Director**  
 National Institute of Arthritis, Musculoskeletal and Skin Diseases'  
 Multidisciplinary Clinical Research Center  
 Thurston Arthritis Research Center  
*School of Medicine*  
*The University of North Carolina at Chapel Hill*
- 2005 to 2014        **Research Assistant Professor**  
 Department of Biostatistics  
*Gillings School of Global Public Health*  
*The University of North Carolina at Chapel Hill*
- 2005 to 2014        **Research Assistant Professor**  
 School of Nursing (Joint Appointment)  
*The University of North Carolina at Chapel Hill*
- 2001 to 2005        **Research Instructor**  
 Department of Biostatistics  
*School of Public Health*  
*The University of North Carolina at Chapel Hill*
- 2001 to 2005        **Statistician**  
 Research Support Center  
*School of Nursing*  
*The University of North Carolina at Chapel Hill*
- 1996 to 2001        **Graduate Research Assistant**  
 Biometric Consulting Laboratory  
 Department of Biostatistics  
*School of Public Health*  
*The University of North Carolina at Chapel Hill*
- 1994 to 1996        **Statistical Analyst and Statistical Analyst Intern**  
 Center for Biostatistics and Epidemiology  
*Milton S. Hershey Medical Center, College of Medicine*  
*Pennsylvania State University*

**UNIVERSITY AFFILIATIONS**

- 1996 to Present      **Biometric Consulting Laboratory**  
*Faculty*  
Department of Biostatistics  
Gillings School of Global Public Health  
The University of North Carolina at Chapel Hill
- 2004 to Present      **Thurston Arthritis Research Center**  
*Co-Director and Principal Investigator, Methodology Core*  
National Institute of Arthritis, Musculoskeletal and Skin Diseases'  
Multidisciplinary Clinical Research Center (2004 to 2007; 2013 to  
Present)  
School of Medicine  
The University of North Carolina at Chapel Hill
- 2001 to Present      **Office of Research Support and Consultation**  
**(Previously the Research Support Center)**  
*Faculty*  
School of Nursing  
The University of North Carolina at Chapel Hill
- 1996 to Present      **Heart Failure Program**  
*Faculty*  
Division of Cardiology, Department of Medicine  
School of Medicine  
The University of North Carolina at Chapel Hill

**PROFESSIONAL AFFILIATIONS**

- American Statistical Association  
    Biometrics Section  
    Statistical Education Section  
    Teaching Statistics in Health Sciences Section
- International Biometric Society (Eastern North American Region)
- National League for Nursing
- Southern Nursing Research Society, Associate Member, 2017

**HONORS AND AWARDS**

- 2016 Co-author on Santos *et al.* (2016), Abstract of Distinction at the State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science.
- 2015 Recipient of the Faculty Award for Excellence in Doctoral Mentorship and Education, presented by the Doctoral Student Organization, School of Nursing, University of North Carolina at Chapel Hill
- 2015 Co-author on Qin *et al.* (2015), Winner of the J. Virgil Peavy Memorial Award, which recognizes the most effective and innovative application of statistics and epidemiologic methods in an investigation or study, at the Annual Epidemic Intelligence Service (EIS) Conference, hosted by the U.S. Centers for Disease Control and Prevention (CDC)
- 2015 Co-author on Toles *et al.* (2015), Presentation at the Presidential Poster Session (for posters having higher scores) of the 2015 Annual Scientific Meeting of the American Geriatrics Society
- 2014 Nominee for Faculty Award for Excellence in Doctoral Mentorship and Education, presented by the Doctoral Student Organization, School of Nursing, University of North Carolina at Chapel Hill
- 2013 Reader for graduate student Siying Li, MS, recipient of UNC Department of Biostatistics Best Master's Paper Award for "A Multistage Non-inferiority Study Analysis Plan to Evaluate Successively More Stringent Criteria for a Clinical Trial with Rare Events."
- 2013 Co-author on Davis *et al.* (2013), First Place Winner of the Poster Award in the Category of Data-Based Research at the Preventive Cardiovascular Nursing Association's Annual Symposium
- 2012 Collaborator with graduate student Jasmine Talameh, PhD, PharmD, recipient of UNC Graduate Education Advancement Board Impact Award for "Genetic and Pharmacogenetic Associations with Heart Failure Patient Survival," selected as having "exceptional quality and impact."

- 2012 Co-author of *Research in Nursing & Health's* Best Research Methods Article for 2012 for "A Strategy for Selecting Among Alternative Models for Continuous Longitudinal Data."
- 2011 Co-author of "Short-Term In-Home Intervention Reduces Depressive Symptoms in Early Head Start Latina Mothers of Infants and Toddlers" (2010), recipient of the 2011 Laurel Archer Copp Literary Award, recognizing an "outstanding paper from the UNC School of Nursing that furthers knowledge in nursing"
- 2010 Co-author on Huffman *et al.* (2010), Recipient of the Merck Outstanding Nursing Research Award at the Annual Meeting of the American Society of Reproductive Medicine
- 2009 Recipient of the inaugural Faculty Award for Excellence in Doctoral Mentorship and Education, presented by the Doctoral Student Organization, School of Nursing, University of North Carolina at Chapel Hill
- 2009 Nomination of co-authored manuscript "Lifetime Risk of Symptomatic Knee Osteoarthritis" (2008) in the Assessment & Epidemiology category for the 2009 Charles C. Shepard Science Award for the authors of the "most outstanding peer-reviewed research paper published by Centers for Disease Control and Prevention (CDC) and the Agency for Toxic Substances and Disease Registry (ATSDR) scientists during the preceding year" and "for demonstrating excellence in science"
- 2009 Co-author on Pados *et al.* (2009), Recipient (1<sup>st</sup> Place) of the Southern Nursing Research Society Doctoral Student Poster Award
- 2009 Co-author on Pados *et al.* (2009), Recipient of the Southern Nursing Research Society Parent/Child Research Interest Group Poster Award
- 2008 to 2009 Nomination by School of Nursing PhD students for a University-wide Teaching Award at the University of North Carolina at Chapel Hill
- 2004 to 2006 Named to The Chancellor's List (Who's Who Among Graduate Students)
- 1999 to 2001 Procter and Gamble Pre-Doctoral Fellow
- 1998 to Present Member of Delta Omega Public Health Honor Society

1996 to 1999	National Heart, Lung, and Blood Institute Pre-Doctoral Trainee
1994 to 1995	Named to Who's Who Among Students in American Universities and Colleges
1991 to 1995	Messiah College President's Scholar

## **PUBLICATIONS**

### **STATISTICAL METHODS**

1. Koch GG, **Schwartz TA** (2014). An Overview of Statistical Planning to Address Subgroups in Confirmatory Clinical Trials. *Journal of Biopharmaceutical Statistics*, **24**, 72-93. [PMID: 24392979]
2. Li S, Hussey MA, **Schwartz TA**, Koch GG (2013). A Multistage Analysis Strategy for a Clinical Trial to Assess Successively More Stringent Criteria for a Primary Endpoint with a Low Event Rate. *Pharmaceutical Statistics*, **12**, 65-73. [PMID: 23424092]
3. Knafl GJ, Beeber L, **Schwartz TA** (2012). A Strategy for Selecting Among Alternative Models for Continuous Longitudinal Data. *Research in Nursing & Health*, **35**, 647–658. [PMID: 22911221] *Recipient of Research in Nursing & Health's Best Research Methods Article for 2012.*
4. Preisser JS, Phillips C, Perin J, **Schwartz TA** (2011). Regression Models for Patient-Reported Measures Having Ordered Categories Recorded on Multiple Occasions. *Community Dentistry and Oral Epidemiology*, **39**, 154-163. [PMID: 21070317] [PMCID: PMC3049823]
5. Wang X, Pang H, **Schwartz TA** (2009). Building and Validating High Throughput Lung Cancer Biomarkers. *Chance*, **22**, 55-62.
6. **Schwartz TA**, Denne JS (2006). A Two-Stage Sample Size Recalculation Procedure for Placebo- and Active-Controlled Non-Inferiority Trials. *Statistics in Medicine*, **25**, 3396-3406. [PMID: 16900573]
7. **Schwartz TA**, Denne JS (2003). Common Threads between Sample Size Recalculation and Group Sequential Procedures. *Pharmaceutical Statistics*, **2**, 263-271.
8. LaVange LM, Koch GG, **Schwartz TA** (2001). Applying Sample Survey Methods to Clinical Trials Data. *Statistics in Medicine*, **20**, 2609-2623. [PMID: 11523072]

### **PEDAGOGICAL METHODS**

9. **Schwartz TA**, Andridge RR, Sainani KL, Stangl DK, Neely ML (2016). Diverse Perspectives on a Flipped Biostatistics Classroom. *Journal of Statistics Education (An International Journal on the Teaching and Learning of Statistics)*, **24**, 74-84.
10. Hayat MJ, Higgins M, **Schwartz TA**, Staggs VS (2015). Statistical Challenges in Nursing Education and Research: An Expert Panel Consensus. *Nurse Educator*, **40**, 21-25. [PMID:25154008]
11. **Schwartz TA** (2014). Flipping the Statistics Classroom in Nursing Education. *Journal of Nursing Education*, **53**, 199-206. [PMID:24654591]
12. **Schwartz TA** (2013). Teaching Principles of One-Way Analysis of Variance Using M&M's Candy. *Journal of Statistics Education (An International Journal on the Teaching and Learning of Statistics)*, **21**, 1-14.

**COLLABORATIVE WORK**

13. Qin J, et al. Lifetime Risk of Symptomatic Hand Osteoarthritis: The Johnston County Osteoarthritis Project. *Arthritis & Rheumatology*, in press.
14. (in press) Gunn AH, **Schwartz TA**, Arbeeva LS, Callahan LF, Golightly YM, Goode AP, Hill CH, Huffman KM, Iversen MD, Pathak A, Taylor SS, Allen KD (2017). Fear of Movement and Associated Factors among Adults with Symptomatic Knee Osteoarthritis. *Arthritis Care & Research*, in press.
15. Yang et al. What Is Being Measured? A Comparison of Two Depressive Symptom Severity Instruments to a Depression Diagnosis in Low-income, High-risk Mothers. *Journal of Women's Health*, in press. [1<sup>st</sup> author was my advisee for her undergraduate Honor's project in Biostatistics.]
16. Stuebe AM, Bonuck K, Adatorwovor R, Schwartz TA, Berry DC (2016). A Cluster Randomized Trial of Tailored Breastfeeding Support for Women with Gestational Diabetes. *Breastfeeding Medicine*, **11**(10), 1-10. ePub. [PMID: 27782758]
17. Adams KF Jr., Butler J, Patterson JH, Stough WG, Bauman JL, van Veldhuisen DJ, **Schwartz TA**, Sabbah H, Mackowiak JI, Ventura HO, Ghali JK (2016). Dose Response Characterization of the Association of Serum Digoxin Concentration with Mortality Outcomes in the Digitalis Investigation Group Trial. *European Journal of Heart Failure*, **18**, 1072-1081. [PMID: 27492641]
18. Moss AS, Murphy LB, Helmick CG, **Schwartz TA**, Barbour KE, Renner JB, Kalsbeek W, Jordan JM (2016). Annual Incidence Rates of Hip Symptoms and Three Hip OA Outcomes from a U.S. Population-Based Cohort Study: The Johnston County Osteoarthritis Project. *Osteoarthritis and Cartilage*, **24**, 1518-1527. [PMID: 27109873]
19. McMurray RG, Berry DC, Schwartz TA, Hall EG, Neal MN, Li S, Lam D (2016). Relationships of Physical Activity and Sedentary Time in Obese Parent-Child Dyads: A Cross-Sectional Study. *BMC Public Health*, **16**(1), 124 (8 pages). [PMID: 26851940]
20. Nelson AE, Golightly YM, Renner JB, **Schwartz TA**, Liu F, Lynch JA, Gregory JS, Aspden RM, Lane NE, Jordan JM (2016). Variations in Hip Shape Are Associated with Radiographic Knee Osteoarthritis: Cross-sectional and Longitudinal Analyses of the Johnston County Osteoarthritis Project, *Journal of Rheumatology*, **43**, 405-410. [PMID: 26669914]
21. An H, Marron JS, **Schwartz TA**, Renner JB, Liu F, Lynch JA, Lane NE, Jordan JM, Nelson AE (2016). Novel Statistical Methodology Reveals that Hip Shape Is Associated with Incident Radiographic Hip Osteoarthritis Among African American Women. *Osteoarthritis and Cartilage*, **24**, 640-646. [PMID: 26620089]
22. Nelson AE, Stiller JL, Shi XA, Leyland KM, Renner JB, **Schwartz TA**, Arden NK, Jordan JM (2016). Measures of Hip Morphology Are Related to Development of Worsening Radiographic Hip Osteoarthritis Over 6 to 13 Year Follow-Up: The Johnston County Osteoarthritis Project. *Osteoarthritis and Cartilage*, **24**, 443-450. [PMID: 26497609]
23. Murphy LB, Moss S, Do BT, Helmick CG, **Schwartz TA**, Barbour KE, Renner J, Kalsbeek W, Jordan JM (2016). Annual Incidence of Knee Symptoms and Four Knee Osteoarthritis Outcomes in the Johnston County Osteoarthritis Project. *Arthritis Care & Research*, **68**, 55-65. [PMID: 26097226]
24. Williams QI, Gunn AH, Beaulieu JE, Benas BC, Buley B, Callahan LF, Cantrell J, Genova AP, Golightly YM, Goode AP, Gridley CI, Gross MT, Heiderscheid BC, Hill CH, Huffman KM, Kline A, **Schwartz TA**, Allen KD (2015). Physical Therapy vs. Internet-based Exercise Training (PATH-IN) for Patients with Knee Osteoarthritis: Study Protocol of a Randomized Controlled Trial. *BMC Musculoskeletal Disorders*, **16**, 264 (12 pages). [PMID: 26416025]
25. Dowell J, Beeber L, **Schwartz T** (2015). Determining Intervention Fidelity from Chronological Field Notes. *Journal of Nursing Measurement*, **23**(2), 67E-77E. [PMID: 26284832]
26. Kneipp SM, Leeman J, McCall P, Hassmiller-Lich K, Bobashev G, **Schwartz TA**, Gilmore R, Riggan S, Gil B (2015). Synthesizing Marketing, Community Engagement, and Systems Science Approaches for Advancing Translational Research. *Advances in Nursing Science*, **38**, 227-240. [PMID: 26244479]
27. Huffman CS, **Schwartz TA**, Swanson KM (2015). Couples and Miscarriage: The Influence of Gender and Reproductive Factors on the Impact of Miscarriage. *Women's Health Issues*, **25**, 570-578. [PMID: 26082277]



28. Crook KR, Jin M, Weeks MF, Rampersad RR, Baldi RM, Glekas AS, Shen Y, Esserman DA, Little P, **Schwartz TA**, Liu P (2015). Myeloid-Derived Suppressor Cells Regulate T Cell and B Cell Responses During Autoimmune Disease. *Journal of Leukocyte Biology*, **97**, 573-582. [PMID: 25583578]
29. Pruett AE, Lee AK, Patterson JH, **Schwartz TA**, Glotzer JM, Adams KF (2015). Evolution of Biomarker Guided Therapy for Heart Failure: Current Concepts and Trial Evidence. *Current Cardiology Reviews*, **11**, 80-89. [PMID: 24251462]
30. Sarter B, Kelsey KS, **Schwartz TA**, Harris WS (2015). Blood Docosahexaenoic Acid and Eicosapentaenoic Acid in Vegans: Associations with Age and Gender and Effects of an Algal-Derived Omega-3 Fatty Acid Supplement. *Clinical Nutrition*, **34**, 212-218. [PMID: 24679552]
31. Kneipp SM, Gilleskie D, Sheely A, **Schwartz T**, Gilmore RM, Atkinson D (2014). Nurse Scientists Overcoming Challenges to Lead Transdisciplinary Research Teams. *Nursing Outlook*, **62**, 352-361. [PMID: 25015404]
32. Pietrosimone BG, Lepley AS, Murray AM, Thomas AC, Bahhur NO, **Schwartz TA** (2014). Changes in Voluntary Quadriceps Activation Predict Changes in Muscle Strength and Gait Biomechanics Following Knee Joint Effusion. *Clinical Biomechanics*, **29**, 923-929. [PMID: 25062605]
33. Beeber LS, **Schwartz TA**, Martinez MI, Holditch-Davis D, Bledsoe SE, Canuso R, Lewis VS (2014). Depressive Symptoms and Compromised Parenting in Low-Income Mothers of Infants and Toddlers: Distal and Proximal Risks. *Research in Nursing & Health*, **37**, 276-291. [PMID: 24947847]
34. Beeber LS, **Schwartz TA**, Holditch-Davis D, Canuso R, Lewis V, Matsuda Y (2014). Interpersonal Psychotherapy with a Parenting Enhancement Adapted for In-Home Delivery in Early Head Start. *Journal of Zero to Three: National Center for Infants, Toddlers, and Families*, **34**(5), 35-44.
35. Smith PJ, Blumenthal JA, Carney RM, Freedland KE, O'Hayer CV, Trulock EP, Martinu T, **Schwartz TA**, Hoffman BM, Koch GG, Davis RD, Palmer SM (2014). Neurobehavioral Functioning and Survival Following Lung Transplantation, *Chest*, **145**, 604-611. [PMID: 24233282] [PMCID: PMC3941251] [*1<sup>st</sup> author was my co-advisee for his Master's paper in Biostatistics.*]
36. Callahan LF, Cleveland RJ, Shreffler J, Hootman JM, Mielenz TJ, Schoster B, Brady T, **Schwartz T** (2014). Evaluation of Active Living Every Day in Adults with Arthritis. *Journal of Physical Activity & Health*, **11**, 285-295. [PMID: 23359072]
37. Berry DC, **Schwartz TA**, McMurray RG, Skelly AH, Neal M, Hall EG, Aimyong N, Amatuli DJ, Melkus G (2014). The Family Partners for Health Study: A Cluster Randomized Controlled Trial for Child and Parent Weight Management. *Nutrition & Diabetes*, **4**, e101. [PMID: 24418827][PMCID: PMC3904082]
38. Nelson AE, Elstad E, DeVellis RF, **Schwartz TA**, Golightly YM, Renner JB, Conaghan PG, Kraus VB, Jordan JM (2014). Composite Measures of Multi-joint Symptoms, but Not of Radiographic Osteoarthritis, Are Associated with Functional Outcomes: The Johnston County Osteoarthritis Project. *Disability and Rehabilitation*, **36**, 300-306. [PMID: 23639066] [PMCID: PMC3735714]
39. Nelson AE, Liu F, Lynch JA, Renner JB, **Schwartz TA**, Lane NE, Jordan JM (2014). Association of Incident Symptomatic Hip Osteoarthritis with Differences in Hip Shape by Active Shape Modeling: The Johnston County Osteoarthritis Project. *Arthritis Care & Research*, **66**, 74-81. [PMID: 23926053] [PMCID: PMC3959908]
40. Barbour KE, Hootman JM, Helmick CG, Murphy LB, Theis KA, **Schwartz TA**, Kalsbeek WD, Renner JB, Jordan JM (2014). Meeting Physical Activity Guidelines and the Risk of Incident Knee Osteoarthritis: A Population-Based Prospective Cohort Study. *Arthritis Care & Research*, **66**, 139-146. [PMID: 23983187] [PMCID: PMC4309362]
41. Haas SW, Travers D, Waller A, Mahalingam D, Crouch J, **Schwartz TA**, Mostafa J (2014). Emergency Medical Text Classifier: New System Improves Processing and Classification of Triage Notes. *Online Journal of Public Health Informatics*, **16**, e178 (19 pages). [PMID: 25379126] [PMCID: PMC4221085]
42. Carter BM, Holditch-Davis D, Tanaka D, **Schwartz TA** (2013). The Relationship Between Black Race, Maternal Infection and NEC in the Preterm Infant. *Newborn & Infant Nursing Reviews*, **13**, 166-170.
43. Davis LL, Mishel M, Moser DK, Esposito N, Lynn MR, **Schwartz TA** (2013). Thoughts and Behaviors of Women with Symptoms of Acute Coronary Syndrome. *Heart & Lung*, **42**, 428-435. [PMID: 24011604] [PMCID: PMC3818316]
44. Berry DC, Neal M, Hall EG, **Schwartz TA**, Verbiest S, Bonuck K, Goodnight W, Brody S, Dorman KF, Menard MK, Stuebe AM (2013). Rationale, Design, and Methodology for the Optimizing Outcomes in

- Women with Gestational Diabetes Mellitus and Their Infants Study. *BMC Pregnancy and Childbirth*, **13**, 184. [PMID: 24112417] [PMCID: PMC3907028]
45. Cleveland RJ, **Schwartz TA**, Prizer LP, Randolph R, Schoster B, Renner JB, Jordan JM, Callahan LF (2013). Associations of Educational Attainment, Occupation and Community Poverty with Hip Osteoarthritis. *Arthritis Care & Research*, **65**, 954-961. [PMID: 23225374] [PMCID: PMC3612553]
  46. Kopec JA, Sayre EC, **Schwartz TA**, Renner JB, Helmick CG, Badley EM, Cibere J, Callahan LF, Jordan JM (2013). Occurrence of Radiographic Osteoarthritis of the Knee and Hip among African Americans and Caucasians: The Johnston County Osteoarthritis Project. *Arthritis Care & Research*, **65**, 928-935. [PMID: 23281251] [PMCID: PMC4206562]
  47. Beil H, Beeber LS, **Schwartz TA**, Lewis G (2013). Cost-Effectiveness of Alternative Treatments for Depression in Low-income Women. *Journal of Mental Health Policy and Economics*, **16**, 55-65. [PMID: 23999203]
  48. Beeber LS, **Schwartz TA**, Holditch-Davis D, Canuso R, Lewis V, Hall HW (2013). Parenting Enhancement, Interpersonal Psychotherapy to Reduce Depression in Low-Income Mothers of Infants and Toddlers: A Randomized Trial. *Nursing Research*, **62**, 82-90. [PMID: 23458906] [PMCID: PMC4235749]
  49. Nelson AE, Golightly YM, Renner JB, **Schwartz TA**, Kraus VB, Helmick CG, Jordan JM (2013). Brief Report: Differences in Multijoint Symptomatic Osteoarthritis Phenotypes by Race and Sex: The Johnston County Osteoarthritis Project. *Arthritis & Rheumatism*, **65**, 373-377. [PMID: 23359309] [PMCID: PMC3558926]
  50. Berry DC, Neal M, Hall EG, McMurray RG, **Schwartz TA**, Skelly AH, Smith-Miller C (2013). Recruitment and Retention Strategies for a Community-Based Weight Management Study for Multi-Ethnic Elementary School Children and Their Parents. *Public Health Nursing*, **30**, 80-86. [PMID: 23294390] [PMCID: PMC3541525]
  51. Travers D, Haas SW, Waller AE, **Schwartz TA**, Mostafa J, Best NC, Crouch J (2013). Implementation of Emergency Medical Text Classifier for Syndromic Surveillance. *AMIA (American Medical Informatics Association) Annual Symposium Proceedings*. **2013**:1365-1374 (eCollection). [PMID: 24551413] [PMCID: PMC3900151]
  52. Giffuni J, McMurray RG, **Schwartz T**, Berry D (2012). Actical Accelerometry Cut-Points for Quantifying Levels of Exertion: Comparing Normal and Overweight Adults. *International Journal of Exercise Science*, **5**, 170-182.
  53. Thoyre SM, Holditch-Davis D, **Schwartz TA**, Melendez-Roman CR, Nix W (2012). Co-Regulated Approach to Feeding Preterm Infants with Lung Disease: Effects During Feeding. *Nursing Research*, **61**, 242-251. [PMID: 22565102]
  54. Berry DC, McMurray R, **Schwartz TA**, Skelly A, Sanchez M, Neal M, Hall G (2012). Rationale, Design, Methods, and Sample Characteristics of the Family Partners for Health Study: A Cluster Randomized Controlled Study. *BMC Public Health*, **12**, 250. [PMID: 22463125] [PMCID: PMC3353192]
  55. Carter BM, Holditch-Davis D, Tanaka D, **Schwartz TA** (2012). Relationship of Neonatal Treatments With the Development of Necrotizing Enterocolitis in Preterm Infants. *Nursing Research*, **61**, 96-102. [PMID: 22282155]
  56. Allen KD, Chen JC, Callahan LF, Golightly YM, Helmick CG, Renner JB, **Schwartz TA**, Jordan JM (2012). Racial Differences in Knee Osteoarthritis Pain: Potential Contribution of Occupational and Household Tasks. *The Journal of Rheumatology*, **39**, 337-344. [PMID: 22133621] [PMCID: PMC4031236]
  57. Nelson AE, Renner JB, **Schwartz TA**, Kraus VB, Helmick CG, Jordan JM (2011). Differences in Multijoint Radiographic Osteoarthritis Phenotypes Among African Americans and Caucasians: the Johnston County Osteoarthritis project. *Arthritis & Rheumatism*, **63**, 3843-3852. [PMID: 22020742] [PMCID: PMC3227756]
  58. Nelson AE, Chaudhary S, Kraus VB, Fang F, Chen JC, **Schwartz TA**, Shi XA, Renner JB, Stabler TV, Helmick CG, Caldwell K, Poole AR, Jordan JM (2011). Whole Blood Lead Levels Are Associated with Biomarkers of Joint Tissue Metabolism in African American and White Men and Women: The Johnston County Osteoarthritis Project. *Environmental Research*, **111**, 1208-1214. [PMID: 21839992] [PMCID: PMC3210895]

59. Kneipp SM, Kairalla JA, Lutz BJ, Pereira D, Hall AG, Flocks J, Beeber L, **Schwartz T** (2011). Public Health Nursing Case-Management for Women Receiving Temporary Assistance for Needy Families: A Randomized Controlled Trial Using Community-Based Participatory Research. *American Journal of Public Health*, **101**, 1759-1768. [PMID: 21778474] [PMCID: PMC3154225]
60. Callahan LF, Shreffler JH, Altpeter M, Schoster B, Hootman J, Houenou LO, Martin KR, **Schwartz TA** (2011). Evaluation of Group and Self-Directed Formats of the Arthritis Foundation's Walk with Ease Program. *Arthritis Care & Research*, **63**, 1098-1107. [PMID: 21560255]
61. Callahan L, Martin K, Shreffler J, Kumar D, Schoster B, Kaufman J, **Schwartz T** (2011). Independent and Combined Influence of Homeownership, Occupation, Education, Income, and Community Poverty on Physical Health in Persons with Arthritis. *Arthritis Care & Research*, **63**, 643-653. [PMID: 21225675] [PMCID: PMC3091982]
62. Nelson AE, Shi XA, **Schwartz TA**, Chen JC, Renner JB, Caldwell KL, Helmick CG, Jordan JM (2011). Whole Blood Lead Levels Are Associated with Radiographic and Symptomatic Knee Osteoarthritis: A Cross-Sectional Analysis in the Johnston County Osteoarthritis Project. *Arthritis Research & Therapy*, **13**, R37. [PMID: 21362189] [PMCID: PMC3132016]
63. Callahan LF, Cleveland RJ, Shreffler J, **Schwartz TA**, Schoster B, Randolph R, Renner JB, Jordan JM (2011). Associations of Educational Attainment, Occupation and Community Poverty with Knee Osteoarthritis in the Johnston County (North Carolina) Osteoarthritis Project. *Arthritis Research & Therapy*, **13**, R169. [PMID: 22011570] [PMCID: PMC3308104]
64. Nelson AE, DeVellis RF, Renner JB, **Schwartz TA**, Conaghan PG, Kraus VB, Jordan JM (2011). Quantification of the Whole-Body Burden of Radiographic Osteoarthritis Using Factor Analysis. *Arthritis Research & Therapy*, **13**, R176. [PMID: 22027269] [PMCID: PMC3308111]
65. Adams KF, Mehra MR, Oren RM, O'Connor CM, Chiong JR, Ghali JK, Lenihan DJ, Dunlap SH, Patterson JH, **Schwartz TA**, Felker GM (2010). Prospective Evaluation of the Association Between Cardiac Troponin T and Markers of Disturbed Erythropoiesis in Patients with Heart Failure. *American Heart Journal*, **160**, 1142-1148. [PMID: 21146670]
66. Murphy LB, Helmick CG, **Schwartz TA**, Renner JB, Tudor G, Koch GG, Dragomir AD, Kalsbeek WD, Luta G, Jordan JM (2010). One in Four People May Develop Symptomatic Hip Osteoarthritis in His or Her Lifetime. *Osteoarthritis and Cartilage*, **18**, 1372-1379. [PMID: 20713163] [PMCID: PMC2998063]
67. Golightly YM, Allen KD, Helmick CG, **Schwartz TA**, Renner JB, Jordan JM (2010). Hazard of Incident and Progressive Knee and Hip Radiographic Osteoarthritis and Chronic Joint Symptoms in Individuals with and without Limb Length Inequality. *Journal of Rheumatology*, **37**, 2133-2140. [PMID: 20634243] [PMCID: PMC4077024]
68. Nelson AE, Renner JB, Shi XA, Shreffler JH, **Schwartz TA**, Jordan JM (2010). Cross-Sectional Comparison of Extended Anteroposterior and Posteroanterior Fixed-Flexion Positioning to Assess Radiographic Osteoarthritis at the Knee: The Johnston County Osteoarthritis Project. *Arthritis Care and Research*, **62**, 1342-1345. [PMID: 20506115] [PMCID: PMC2939919] [NIHMSID: NIHMS207923]
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107. Raymond RJ, Hinderliter AL, Willis PW IV, Clarke WR, Ralph D, Caldwell EJ, Williams W, Ettinger NA, Hill NS, Summer WR, de Boisblanc B, **Schwartz T**, Koch G, Clayton LM, Jöbsis MM, Crow JW, Long W (2002). Echocardiographic Predictors of Adverse Outcomes in Primary Pulmonary Hypertension. *Journal of the American College of Cardiology*, **39**, 1214-1219. [PMID: 11923049]
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112. Wise SW, Hopper KD, Ten Have T, **Schwartz T** (1998). Measuring Carotid Artery Stenosis using CT Angiography: The Dilemma of Artifactual Lumen Eccentricity. *American Journal of Roentgenology*, **170**, 919-923. [PMID: 9530034]
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## PRESENTATIONS, POSTERS, AND ABSTRACTS

### PRESENTATIONS GIVEN BY ME

1. **Schwartz TA, X.** UNC Department of Biostatistics, Biostatistics Student Association. Doctoral Alumni Panel. Chapel Hill, NC, March 2017. Moderator and Co-organizer.
2. **Schwartz TA,** Beaudot C, Brown Stafford P, Durham T. UNC Department of Biostatistics, Biostatistics Student Association. Masters' Alumni Panel. Chapel Hill, NC, February 2017. Moderator and Co-organizer.
3. **Schwartz TA.** Intermediate Statistical Modeling for Nursing Research. Pre-conference workshop presented at the 31<sup>st</sup> Annual Conference of the Southern Nursing Research Society, Dallas/Addison, TX, February 2017. Invited.
4. **Schwartz TA.** Value-Added Contributions of a Biostatistician to Your Nursing Research: Insights on Developing a Strong Working Relationship with a Biostatistician. Presented at the 31<sup>st</sup> Annual Conference of the Southern Nursing Research Society, Dallas/Addison, TX, February 2017. Invited.
5. Allen K, **Schwartz TA.** Key Strategies for Comparative Effectiveness Trials in Rheumatology: Rationale, Design, and Analysis. To be presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016. Invited.
6. **Schwartz TA,** Alvarez C. Statistical Time-to-Event Data Analysis for Clinical Researchers. To be presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016. Invited.
7. Monaco J, **Schwartz T.** Practical Considerations for Teaching Statistics in a Hybrid, Flipped, or Online Format. Round Table presentation at the Joint Statistical Meetings, Chicago, IL, August 2016. Roundtable discussion co-leader. Invited.
8. Hayat M, Jiroutek M, Kim M, **Schwartz T.** Distinguishing between Statistics Education for Undergraduate and Graduate Non-Statistics Major Students. Panel presentation at the Joint Statistical Meetings, Chicago, IL, August 2016. Panelist. Contributed.
9. **Schwartz TA.** Stats Refresher and Regression 101. Tutorial presented as part of the Multidisciplinary Clinical Research Center, Thurston Arthritis Research Center, School of Medicine, University of North Carolina at Chapel Hill, June 2016. Invited.
10. Berry D, Hodges E, Propper C, Gilleskie D, **Schwartz T.** Leadership through Interdisciplinary Collaboration. Panel presentation at the Hillman Scholars Program in Nursing Innovation Annual Meeting, hosted by the UNC-CH Hillman Scholars Program in Nursing Innovation, Chapel Hill, NC, May 2016. Invited.
11. **Schwartz TA,** Monaco J. Teaching in a Flipped, Hybrid, or Online Statistics Classroom: Practical Considerations. To be presented at the Electronic Conference On Teaching Statistics, virtual/electronic conference, May 2016. Invited.
12. **Schwartz TA,** Atkinson S, Jiroutek M, Schreinemachers D, Simpson S. UNC Department of Biostatistics, Biostatistics Student Association. Doctoral Alumni Panel. Chapel Hill, NC, March 2016. Moderator and Co-organizer.
13. Monaco J, **Schwartz T.** Practical Considerations for Teaching Biostatistics in a Hybrid, Blended, or Online Form. Round Table presentation at the 2016 Annual Meeting of the Eastern North America Region of the International Biometric Society, Austin, TX, March 2016. Invited.
14. Monaco J, **Schwartz T.** Flipping the Classroom. Presented as a Lightning Talk at the Faculty Showcase for Celebrate Teaching Month, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, February 2016. Invited.
15. **Schwartz TA,** Barrier R, Gilbert A, Herman-Giddens M, Pinkett T, Rosenbalm S. UNC Department of Biostatistics, Biostatistics Student Association. Masters' Alumni Panel. Chapel Hill, NC, February 2016. Moderator and Co-organizer.
16. **Schwartz TA,** Cleveland RJ. Modeling of Categorical Data. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, San Francisco, CA, November 2015. Invited.

17. **Schwartz TA.** Statistics Education in Nursing. Lunch Table Discussion Leader at the United States Conference on Teaching Statistics, State College, PA, May 2015. Invited.
18. Hayat M, Jiroutek M, Kim M, **Schwartz T.** Connecting Statistics Education with Health Sciences at the Graduate Level. Breakout Session presented at the United States Conference on Teaching Statistics, State College, PA, May 2015. Invited.
19. **Schwartz TA,** Armstrong B, Deal A, Kilaru R, Lindblad L, Ray N. UNC Department of Biostatistics, Biostatistics Student Association. Masters' Alumni Panel. Chapel Hill, NC, March 2015. Moderator and Co-organizer.
20. **Schwartz TA,** Howard AG, Kesler K, Song G, Sotres-Alvarez D, Wang X. UNC Department of Biostatistics, Biostatistics Student Association. Doctoral Alumni Panel. Chapel Hill, NC, March 2015. Moderator and Co-organizer.
21. **Schwartz TA.** Using M&M's to Teach Principles of One-Way Analysis of Variance. Presented at the Quantitative Psychology Forum, Department of Psychology, University of North Carolina at Chapel Hill, January 2015. Invited.
22. **Schwartz TA,** Cleveland R. Stats Boot Camp - Statistical Analysis of Ordinal Data. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Boston, MA, November 2014. Invited. *Selected for preview in the ACR Daily News.*
23. **Schwartz TA.** One Approach to a Flipped Statistics Classroom. Presented at the Quantitative Psychology Forum, Department of Psychology, University of North Carolina at Chapel Hill, October 2014. Invited.
24. **Schwartz TA.** Considerations for Power and Sample Size. Presented as part of the Biostatistics Seminar Series for Clinical and Translational Scientists, through the North Carolina Translational and Clinical Sciences (NC TraCS) Institute, University of North Carolina at Chapel Hill, September 2014. Invited.
25. Liu P, **Schwartz T.** An Application of Mixed Effects Linear Models to Longitudinal Laboratory Data. Presented at the Multidisciplinary Clinical Research Center Journal Club, Thurston Arthritis Research Center, University of North Carolina at Chapel Hill, September 2014. Invited.
26. **Schwartz T,** Stangl D, Andridge R, Neely M, Sainani K. Flipping the Biostatistics Classroom. Presented at the Joint Statistical Meetings, Boston, MA, August 2014. Invited. Session organizer and Panelist. *One of only two invited sessions from the ASA Section on Teaching Statistics in the Health Sciences.*
27. **Schwartz TA,** Armstrong B, Deal A, Mir E, Mulkey F, Pinkett T. UNC Department of Biostatistics, Biostatistics Student Association. Masters' Alumni Panel. Chapel Hill, NC, April 2014. Moderator and Co-organizer.
28. **Schwartz T.** UNC School of Nursing T32 Fellows Seminar. Odds ratios. Chapel Hill, NC, February 2014.
29. Kneipp S, Gilleskie D, Sheely A, **Schwartz T,** Atkinson D, Gilmore R. Strange Bedfellows Who Speak in Tongues: Tales from an Interdisciplinary Research Team's Formative Journey. Presented at the Office of Research Support and Consultation Seminar Series, School of Nursing, University of North Carolina at Chapel Hill, November 2013.
30. **Schwartz TA,** Helms R, Pan W, Weaver M, Zink R. UNC Department of Biostatistics, Biostatistics Student Association. Doctoral Alumni Panel. Chapel Hill, NC, November 2013. Moderator and Co-organizer.
31. Hayat M, **Schwartz T,** Staggs V. Statistical Challenges in Nursing Research. Panel presentation at the Joint Statistical Meetings, Montreal, Quebec, Canada, August 2013. Panelist. Contributed.
32. **Schwartz TA.** Teaching Principles of One-Way Analysis of Variance Using M&M's Candy. Inaugural *Journal of Statistics Education* Webinar, Consortium for the Advancement of Undergraduate Statistics Education (CAUSE), June 2013. Invited.
33. **Schwartz TA.** "Flipping" the Statistics Classroom. Lunch Table Discussion Leader at the United States Conference on Teaching Statistics, Cary, NC, May 2013. Invited.
34. Beeber L, **Schwartz TA.** PhD Student-Faculty Discussion of *Naturally Obsessed: The Making of a Scientist* (PBS Documentary). UNC School of Nursing, Chapel Hill, NC, April 2013. Co-moderator.
35. **Schwartz TA.** Biostatistics as a Career. Presented at the Glenwood Elementary School Career Fair, Chapel Hill, NC, March 2013.
36. **Schwartz TA.** Considerations for Power and Sample Size. Presented as part of the Biostatistics Seminar Series for Clinical and Translational Scientists, through the North Carolina Translational and Clinical Sciences (NC TraCS) Institute, University of North Carolina at Chapel Hill, May 2012. Invited.



37. **Schwartz TA.** Extending Logistic Regression: The Application of the Proportional Odds Model to Nursing Research. Poster presented at the 25<sup>th</sup> annual meeting of the Southern Nursing Research Society, Jacksonville, FL, February 2011. Contributed.
38. **Schwartz TA.** Extending Logistic Regression through Proportional Odds Modeling. Presented at the Research Support Center Seminar Series, School of Nursing, University of North Carolina at Chapel Hill, October 2010. Invited.
39. **Schwartz TA.** A Motivating Example for Analysis of Variance Using Candies. Poster presented at the Joint Statistical Meetings, Vancouver, British Columbia, Canada, August 2010. Contributed.
40. **Schwartz TA.** Introduction to Sample Size and Power. Thurston Arthritis Research Center, School of Medicine, University of North Carolina at Chapel Hill, May 2010. Invited.
41. **Schwartz TA.** Introduction to the Partial Proportional Odds Model. Thurston Arthritis Research Center's Multidisciplinary Clinical Research Center, School of Medicine, University of North Carolina at Chapel Hill, May 2008. Invited.
42. **Schwartz TA.** Logistic Regression. Research Support Center/Center for Innovation in Health Disparities Research Seminar Series, School of Nursing, University of North Carolina at Chapel Hill, December 2006. Invited.
43. **Schwartz TA.** Using Generalized Estimating Equations Methods in Longitudinal Data Analysis. Thurston Arthritis Research Center's Multidisciplinary Clinical Research Center, School of Medicine, University of North Carolina at Chapel Hill, April 2006. Invited.
44. **Schwartz TA.** Using the Mixed Model in Longitudinal Data Analysis. Thurston Arthritis Research Center's Multidisciplinary Clinical Research Center, School of Medicine, University of North Carolina at Chapel Hill, April 2006. Invited.
45. **Schwartz TA, Denne JS.** A Two-Stage Sample Size Recalculation Procedure for Placebo- and Active-Controlled Non-Inferiority Trials. Presented at the 2005 Annual Meeting of the Eastern North America Region of the International Biometric Society, Austin, TX, March 2005. Contributed.
46. **Schwartz TA.** A Tutorial on Longitudinal Data Analysis Focusing on GEE Methods. Center for Research on Chronic Illness Seminar Series, School of Nursing, University of North Carolina at Chapel Hill, November 2004. Invited.
47. **Schwartz TA.** A Tutorial on Longitudinal Data Analysis Focusing on the Mixed Model. Center for Research on Chronic Illness Seminar Series, School of Nursing, University of North Carolina at Chapel Hill, November 2004. Invited.
48. **Schwartz TA, Denne JS.** Sample Size Re-calculation in Non-inferiority Trials that Include a Placebo Arm. Presented at the 2003 Annual Meeting of the Eastern North America Region of the International Biometric Society, Tampa, FL, March 2003. Contributed.

**PRESENTATIONS GIVEN BY OTHERS**

49. Nelson A, et al. Baseline Knee Shape Discriminates Cases of Incident Knee Radiographic OA from Controls: A Case-Control Study using Novel Methodology from the Johnston County Osteoarthritis Project. To be presented at the 2017 World Congress on Osteoarthritis (Osteoarthritis Research Society International), Las Vegas, Nevada, April 2017.
50. Flowers P, **Schwartz T**, Arbeeva L, Golightly Y, Hill C, Corsi M, Allen K. Racial Differences in Performance-Based Function and Potential Explanatory Factors Among Patients with Knee Osteoarthritis. To be presented at the 2017 World Congress on Osteoarthritis (Osteoarthritis Research Society International), Las Vegas, Nevada, April 2017.
51. Adams KF, Dunlap SH, Lee AK, Piña IL, VanBakel AB, Patterson JH, **Schwartz TA**, McGrew FA, Ventura HO, Oren RM. Influence of Low Versus High Dose on the Association of Loop Diuretic and Mortality in Patients With Heart Failure: Insights from the UNITE-HF Registry. Presented at the 66<sup>th</sup> Annual Scientific Session & Expo of the American College of Cardiology, Washington, DC, March 2017.
52. Glover AV, Berry DC, **Schwartz TA**, Stuebe AM. Impact of Metabolic Dysfunction on Breastfeeding Outcomes in Gestational Diabetes Mellitus. Presented at the 37<sup>th</sup> Annual Meeting of the Society for Maternal Fetal Medicine: The Pregnancy Meeting, January 2017. *American Journal of Obstetrics & Gynecology*, **216**(1), S527.
53. Golightly YM, Hannan MT, Nelson AE, Cleveland RJ, Kraus VB, Hillstrom HJ, **Schwartz TA**, Goode AP, Renner JB, Jordan JM. Is Joint Hypermobility Related to Foot Osteoarthritis and Symptoms? Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016.
54. Cleveland B, **Schwartz TA**, Renner JB, Callahan LF, Jordan JM. Diabetes and BMI Modify the Association Between Painful Hip OA and All-Cause Mortality. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016.
55. Gunn AH, **Schwartz TA**, Callahan LF, Golightly YM, Goode A, Hill CH, Huffman KM, Iversen MD, Pathak A, Taylor SS, Allen KD. The Frequency of and Patient Characteristics Associated with Fear of Movement in Adults with Symptomatic Knee Osteoarthritis. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016.
56. Raveendran RP, Stiller JL, Shi XA, Renner JB, **Schwartz TA**, Arden NK, Jordan JM, Nelson AE. Radiographic Variations in Hip Morphology Are Associated with Hip Symptoms: A Cross-Sectional Analysis of a Large Community-Based Cohort. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016.
57. Nelson AE, Raveendran RP, Stiller JL, Alvarez C, Renner JB, **Schwartz TA**, Arden NK, Jordan JM. Description of Radiographic Hip Measurements By OA Status in a Large Community-Based Study of African American and White Men and Women. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016.
58. Iversen MD, **Schwartz TA**, Callahan LF, Golightly YM, Goode AP, Hill C, Huffman K, Pathak A, Allen K. Sociodemographic and Clinical Correlates of Physical Therapy Utilization In Adults with Symptomatic Knee Osteoarthritis. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2016.
59. Oppewal S, Travers D, Waller AE, MacDonald P, **Schwartz T**, Best N, Sudnik L. Conceptualizing a Real-time Cause-Specific School Absenteeism Surveillance System: A Statewide School Nurse Survey, North Carolina, 2014-15. Presented at the 144th American Public Health Association Annual Meeting and Exposition, Denver, CO, November 2016.
60. Santos H, Beeber L, **Schwartz T**.... The Network Dynamic of Maternal Depressive Symptoms. Presented at the State of the Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington DC, September 2016. *Abstract of Distinction*.
61. Dunlap SH, Ghali JK, Oren RM, Lee AK, Pina IL, Ventura HO, Sueta CA, McGrew FA, Patterson JH, **Schwartz TA**, Adams KF Jr. Influence of Neurohormonal Antagonists on the Association of Loop Diuretic

- Dose with Mortality in Patients with Heart Failure: Insights from the UNITE-HF Registry. Presented at the 20<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Orlando, FL, September 2016.
62. Goodwin JS, Blackburn JT, **Schwartz TA**, Williams DS. Clinical Predictive Measures of Lower Extremity Stiffness During Running. Poster presented at 40th Annual Meeting of the American Society of Biomechanics, Raleigh, NC, 2016 August 2016.
  63. Golightly YM, Nelson AE, Hannan MT, Hillstrom HJ, Kraus VB, Cleveland RJ, Goode AP, **Schwartz TA**, Renner JB, Jordan JM. Joint Hypermobility and Ankle Osteoarthritis in a Community-Based Cohort. Presented at the Annual European Congress of Rheumatology (European League Against Rheumatism [EULAR]) Conference, London, UK, June 2016.
  64. Golightly YM, Goode AP, Cleveland RJ, Nelson AE, Hannan MT, Hillstrom HJ, Kraus VB, **Schwartz TA**, Renner JB, Jordan JM. Relationship of Joint Hypermobility and Lumbar Spine Pain and Osteoarthritis: A Cohort Study. Presented at the Annual European Congress of Rheumatology (European League Against Rheumatism [EULAR]) Conference, London, UK, June 2016.
  65. Durga DA, Shi A, **Schwartz TA**, Renner JB, Jordan JM, Nelson AE. Association between Hand Dominance and Incident Symptomatic Knee Osteoarthritis in a Community Based Cohort. Presented at the American College of Rheumatology's Rheumatology Research Workshop, Atlanta, GA, June 2016.
  66. Adams KF Jr., Ghali JK, Pina IL, Lee AK, Oren RM, O'Connor CM, **Schwartz TA**, Patterson JH, VanBakel AB, Dunlap SH. Influence of Clinical Severity on the Association of Loop Diuretic Dose with Mortality in Patients with Heart Failure: Insights from the UNITE-HF Registry. Presented at the Heart Failure 2016 Congress Organized by the Heart Failure Association of the European Society of Cardiology, Florence, Italy, May 2016.
  67. Cleveland RJ, **Schwartz TA**, Jordan JM, Renner JB, Callahan LF. Individuals with Severe Knee Osteoarthritis Are at Increased Risk of All-Cause and Cardiovascular Disease-Specific Mortality: The Johnston County Osteoarthritis Project. Presented at the 2016 World Congress on Osteoarthritis (Osteoarthritis Research Society International), Amsterdam, Netherlands, March/April 2016.
  68. Nelson AE, Stiller JL, Shi XA, Renner JB, **Schwartz TA**, Javaid MK, Arden NK, Jordan JM. Variations in Hip Morphology are Associated with Functional Status: Preliminary Results from the Johnston County Osteoarthritis Project. Presented at the 2016 World Congress on Osteoarthritis (Osteoarthritis Research Society International), Amsterdam, Netherlands, March/April 2016.
  69. Stuebe AM, Bonuck K, Adatorwovor R, **Schwartz TA**, Berry DC. A Tailored Breastfeeding Support Intervention for Women with Gestational Diabetes. Presented at the Society for Maternal-Fetal Medicine's (SMFM) 36th Annual Meeting – The Pregnancy Meeting™, Atlanta, GA, February 2016. *American Journal of Obstetrics & Gynecology*, **214(1)**, S68.
  70. Cleveland RJ, **Schwartz TA**, Renner JB, Jordan JM, and Callahan LF. “Low Education Is Associated with Mortality Among Individuals with Knee and/or Hip OA: The Johnston County Osteoarthritis Project. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, San Francisco, CA, November 2015.
  71. Qin J, Barbour KE, Murphy L, Helmick CG, Baker NA, Theis K, **Schwartz T**, Renner JB, Nelson A, Allen K, Jordan JM. Lifetime Risk of Symptomatic Hand Osteoarthritis: The Johnston County Osteoarthritis Project. To be presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, San Francisco, CA, November 2015.
  72. Nelson AE, Stiller JL, Shi XA, Renner JB, **Schwartz TA**, Arden NK, Jordan JM. Variations in Hip Morphology Are Associated with Hip Symptoms: Preliminary Results from a Large Community-Based Cohort. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, San Francisco, CA, November 2015.
  73. Best NC, Travers D, Ising A, MacDonald P, Oppewal S, **Schwartz TA**, Sudnik L, Waller AE. Developing a Real-time Cause-specific School Absenteeism Surveillance System: Stakeholder Assessment. Presented at the North Carolina Public Health Association Fall Educational Conference, Winston-Salem, NC, September 2015.
  74. Sudnik L, Travers D, Waller A, Ising A, MacDonald P, Oppewal S, Best N, **Schwartz T**. School Absenteeism Surveillance System Development: School Nurse Survey. Presented at the North Carolina Public Health Association Fall Educational Conference. Winston-Salem, NC, September 2015.
  75. Matsuda Y, YK Chang, **Schwartz T**, Beeber LS. Associations among Maternal Depressive Symptoms, Maternal Diathesis Factors and Family Characteristics in Families with Young Children Having

- Developmental Delay or Disability. Presented at Sigma Theta Tau International's 26<sup>th</sup> International Nursing Research Congress, San Juan, Puerto Rico, July 2015.
76. Qin J, Barbour K, Murphy L, Baker N, Helmick C, Theis K, **Schwartz T**, Renner J, Nelson A, Allen K, Jordan J. Lifetime Risk of Symptomatic Hand Osteoarthritis. Presented at the 64<sup>th</sup> Annual Epidemic Intelligence Service (EIS) Conference, hosted by the U.S. Centers for Disease Control and Prevention (CDC), Atlanta, GA, April 2015. *Winner of J. Virgil Peavy Memorial Award, which recognizes the most effective and innovative application of statistics and epidemiologic methods in an investigation or study.*
  77. Toles M, Hanson L, Taylor J, **Schwartz T**, Colón-Emeric C. Measuring Transitional Care Outcomes after Discharge from Skilled Nursing Facilities to Home. Presented at the Presidential Poster Session (for posters having higher scores) of the 2015 Annual Scientific Meeting of the American Geriatrics Society, Suburban Washington, DC (National Harbor, Maryland), May 2015. *Journal of the American Geriatrics Society*, **63, Issue Supplement**, S1-S320, April 2015.
  78. Cleveland RJ, **Schwartz TA**, Renner JB, Jordan JM, Callahan LF. Functional Status Is Associated with Mortality among Individuals with Knee and/or Hip OA: The Johnston County Osteoarthritis Project. Presented at the 2015 World Congress on Osteoarthritis (Osteoarthritis Research Society International), Seattle, WA, April/May 2015.
  79. Adams KF, Glotzer J, Lee AK, **Schwartz TA**, Lin TE, Patterson JH. Pilot Study of the Relationship of Ambient Copeptin to the Aquaretic Effects of Tolvaptan in Patients with Heart Failure. Presented at the 64<sup>th</sup> Annual Scientific Session of the American College of Cardiology, San Diego, CA, March 2015. *J Am Coll Cardiol*. 2015;**65(10\_S)**.
  80. (accepted) Berry DC, **Schwartz TA**, McMurray RG, Neal M, Hall EG, Amaulti D, Aimyong N, Melkus G. Results of the Family Partners for Health Study: A 5 Year, Cluster Randomized, Controlled Trial for Weight Management of Children and Parents. Presented at the Southern Nursing Research Society Annual Meeting, Orlando, FL, February 2015. (Not presented due to schedule conflict)
  81. Martinez M, Beeber L, Matsuda Y, **Schwartz T**, Lewis G. Context Matters: Improving Recruitment and Retention of Recently Immigrated Latino Families. Presented at the Association for Behavioral & Cognitive Therapies 48<sup>th</sup> Annual Convention, Philadelphia, PA, November 2014.
  82. Kneipp SM, Gilleskie D, Sheely A, **Schwartz T**, Gilmore R, Atkinson D. Building Transdisciplinary Research Teams to Study Women's Health Disparities across Legal, Economic, and Social Welfare Domains: Lessons Shared from the Formative Journey. Presented at the 142<sup>nd</sup> American Public Health Association Annual Meeting and Exposition, New Orleans, LA, November 2014.
  83. Baldassari AR, **Schwartz TA**, Cleveland RJ, Jordan JM, Callahan LF. Socioeconomic Disparities in Health Outcomes Among Individuals with, or at Risk for, Osteoarthritis from the United States: Data from the Osteoarthritis Initiative. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Boston, MA, November 2014.
  84. Nelson AE, Stiller JL, Shi XA, Leyland KM, Renner JB, **Schwartz TA**, Arden NK, Jordan JM. Measures of Hip Morphology Are Related to Development of Incident Radiographic Hip Osteoarthritis Over 6 to 13 Year Follow-Up: The Johnston County Osteoarthritis Project. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Boston, MA, November 2014. *Arthritis & Rheumatism*, **66 (Supp 10)**, S84.
  85. Cleveland RJ, **Schwartz TA**, Renner JB, Jordan JM, Callahan LF. Physical Function Is Independently Associated with Mortality Among Individuals with Knee and/or Hip OA: The Johnston County Osteoarthritis Project. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Boston, MA, November 2014.
  86. (accepted) Berry DC, **Schwartz TA**, McMurray RG, Neal M, Hall EG, Amaulti DJ, Aimyong N, Melkus G. Results of the Family Partners for Health Study: A 5 Year, Cluster Randomized, Controlled Trial for Weight Management of Children and Parents. Presented at the Council for the Advancement of Nursing Science's State of the Science Congress on Nursing Research, Bethesda, MD, September 2014.
  87. (accepted) Brooks JL, Beeber LS, **Schwartz TA**, Chang YK. Maternal Depressive Symptoms as a Predictor of Child Health and Healthcare Utilization. Presented at the Council for the Advancement of Nursing Science's State of the Science Congress on Nursing Research, Washington, DC, September 2014.
  88. (accepted) Martinez M, Meltzer-Brody S, Mandel M, Wheeler A, Hubbard G, Mills-Koonce R, **Schwartz T**, Matsuda Y, McKechnie A, Galbraith K, Alvarez S, Beeber L. Maternal Depressive Symptoms: An Opportunity and Need to Treat in Early Intervention Programs, as part of the "Children in the Grey Zone:

- Navigating Undiagnosed Developmental Delays in Infants and Toddlers” Symposium. Presented at the Council for the Advancement of Nursing Science’s State of the Science Congress on Nursing Research, Washington, DC, September 2014.
89. (accepted) Matsuda Y, Mandel M, Martinez M, Galbraith K, Meltzer-Brody S, Wheeler A, Hubbard G, Mills-Koonce R, **Schwartz T**, McKechnie A, Alvarez S, Beeber L. Community Recruitment of Diverse Families Receiving Early Intervention for Their Infant or Toddler with Developmental Delays, as part of the “Children in the Grey Zone: Navigating Undiagnosed Developmental Delays in Infants and Toddlers” Symposium. Presented at the Council for the Advancement of Nursing Science’s State of the Science Congress on Nursing Research, Washington, DC, September 2014.
  90. (accepted) McKechnie AC, Mandel M, Wheeler A, Galbraith K, Matsuda Y, Martinez M, Meltzer-Brody S, Hubbard G, Mills-Koonce R, **Schwartz T**, Alvarez S, Beeber L. Profiles of Children, Mothers and Families Receiving Early Intervention Services: Grey Zone Contextualized, as part of the “Children in the Grey Zone: Navigating Undiagnosed Developmental Delays in Infants and Toddlers” Symposium. Presented at the Council for the Advancement of Nursing Science’s State of the Science Congress on Nursing Research, Washington, DC, September 2014.
  91. (accepted) Berry DC, **Schwartz TA**, McMurray RG, Neal M, Hall EG, Aimyong N, Amatuli DJ, Melkus G. Results of the Family Partners for Health Study: A 5 Year, Cluster Randomized, Controlled Trial for Weight Management of Children and Parents. Podium Presentation at the Sigma Theta Tau International Research Conference, Hong Kong, China, July 2014.
  92. Travers et al. Implementation of Emergency Medical Text Classifier for Syndromic Surveillance. Presented at the American Medical Informatics Association (AMIA) Annual Symposium, Washington, DC, November 2013.
  93. Berry DC, **Schwartz TA**, McMurray RG, Neal M, Hall EG, Amatuli D, Aimyong N. Family Partners for Health Study: Final Results of a Randomized Controlled Community-Based Trial for Weight Management of Obese Children and Their Parents. Presented at the Annual Scientific Meeting of the Obesity Society, Atlanta, GA, November 2013.
  94. McMurray RG, Berry DC, **Schwartz TA**. Comparing Physical Activity and Sedentary Behaviors of Obese Parents and Their Child. Presented at Pediatrics Work Physiology, Coimbra, Portugal, October 2013.
  95. Davis LL, Mishel M, Moser DK, Esposito N, **Schwartz T**, Lynn M. Thoughts and Behaviors of Women with Symptoms of Acute Coronary Syndrome. Presented at the Preventive Cardiovascular Nursing Association’s 19<sup>th</sup> Annual Symposium, Las Vegas, NV, May 2013. *Journal of Cardiovascular Nursing*, **28**, 299. First Place Winner of the Poster Award in the Category of Data-Based Research.
  96. Smith PJ, Blumenthal JA, Freedland K, Carney R, **Schwartz TA**, Hoffman BM, Koch G, O’Hayer CVF, Trulock E, Davis RD, Palmer S. Neurobehavioral Functioning and Survival Following Lung Transplantation. Presented at the Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA, March 2013. 1<sup>st</sup> author presented his MPH Master’s Paper research, for which I served as co-advisor.
  97. Nelson AE, Shi XA, **Schwartz TA**, Renner JB, Caldwell KL, Helmick CG, Jordan JM. Whole Blood Lead Is Associated with Symptoms, but Not Radiographic Osteoarthritis, in Multiple Joint Sites: The Johnston County Osteoarthritis Project. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2012. *Arthritis & Rheumatism*, **64(Abstract Supplement)**.
  98. Nelson AE, Liu F, Lynch JA, Renner JB, **Schwartz TA**, Lane NE, Jordan JM. Incident Symptomatic Hip Osteoarthritis Is Associated with Differences in Hip Shape by Active Shape Modeling: The Johnston County Osteoarthritis Project. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Washington, DC, November 2012. *Arthritis & Rheumatism*, **64(Abstract Supplement)**.
  99. Yang J, **Schwartz T**, Beeber LS. The Role of the CESD in Finding Mothers in Need. Presented at the Council for the Advancement of Nursing Science’s State of the Science Congress on Nursing Research, Washington, DC, September 2012. 1<sup>st</sup> author presented her BSPH Honors Project research, for which I served as advisor.
  101. Beeber LS, **Schwartz TA**, Holditch-Davis D, Canuso R, Lewis V. Parenting Enhancement Boosts the Benefit of In-Home Interpersonal Psychotherapy (IPT) to Reduce Depression in Low-Income Mothers of

- Infants and Toddlers. Presented at the Council for the Advancement of Nursing Science's State of the Science Congress on Nursing Research, Washington, DC, September 2012.
102. Beil H, Beeber LS, **Schwartz TA**, Lewis G. The Cost-Effectiveness of an In-Home Intervention to Treat Depressive Symptoms in Low-Income Mothers. Presented at the Council for the Advancement of Nursing Science's State of the Science Congress on Nursing Research, Washington, DC, September 2012.
  103. Nelson AE, Liu F, Lynch J, **Schwartz TA**, Lane NE, Jordan JM. Differences in Hip Shape Among African Americans and Caucasians Without Hip OA Using Active Shape Modeling: The Johnston County OA Project. Presented at the 6<sup>th</sup> International Workshop on Osteoarthritis Imaging, in combination with the OARSI OA Biomarkers Workshop III - Imaging Biomarker Validation and Qualification, Hilton Head Island, SC, July 2012.
  104. Hodges EA, **Schwartz TA**, Bentley ME. The Relationship between Maternal Feeding Responsiveness and Infant Growth Trajectories. Presented at the Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity, Austin, TX, May 2012.
  105. Beeber L, **Schwartz TA**, Holditch-Davis D, Canuso R, Bledsoe E, Lewis V, Martinez M. Mental Health Intervention as an Enhancement of EHS In-Home Visiting Services Benefits Depressed Mothers of Infants and Toddlers. Presented at the Biennial Congress of the World Association of Infant Mental Health, Cape Town, South Africa, April 2012.
  106. Nelson AE, Renner JB, Golightly YM, **Schwartz TA**, Kraus VB, Helmick CG, Jordan JM. Differences in Multi-Joint Symptomatic Osteoarthritis Phenotypes by Race and Gender: The Johnston County Osteoarthritis Project. Presented at the World Congress on Osteoarthritis (Osteoarthritis Research Society International), Barcelona, Spain, April 2012.
  107. Talameh J, Garrand A, Ghali J, Oren RM, Dunlap S, Van Bakel A, Pina I, Patterson JH, Sueta C, McGrew F, Miller A, **Schwartz T**, Adams K. Beta-1 Adrenergic Receptor Genotype Ser49Gly Is Associated with Beta-Blocker Survival Benefit in Patients with Heart Failure. Presented at the Annual Scientific Session of the American College of Cardiology, Chicago, IL, March 2012.
  108. Davis L, Mishel M, Moser D, Esposito N, **Schwartz T**, Lynn M. Thoughts and Behaviors of Women with Symptoms of Acute Coronary Syndromes. Presented at the 26<sup>th</sup> annual meeting of the Southern Nursing Research Society, New Orleans, LA, February 2012.
  109. Bledsoe SE, Beeber LS, Martinez M, **Schwartz T**, Holditch-Davis D, Lewis V, Canuso R. Reducing Maternal Depression and Improving Parenting: Results from Two Randomized Controlled Trials of an In-Home Adaptation of Interpersonal Psychotherapy for Depression. Presented at the 16<sup>th</sup> Annual Conference Society for Social Work and Research, "Research That Makes a Difference: Advancing Practice and Shaping Public Policy," Washington, DC, January 2012.
  110. Callahan LF, Cleveland RJ, Li X, **Schwartz TA**, Jonas BL, Mikuls TR, Schoster B, Alarcón GS, Brasington R, Conn DL, Smith EA, Howard G, Moreland LW, Bridges SL. Current Social Position Associated with Rheumatoid Arthritis Severity and Self-Reported Health Outcomes in African Americans. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Chicago, IL, November 2011. *Arthritis & Rheumatism*, **63(Abstract Supplement)**.
  111. Cleveland RJ, **Schwartz TA**, Jonas BL, Alarcón GS, Brasington R, Conn DL, Smith EA, Howard G, Moreland LW, Bridges SL, Callahan LF. Influence of Lifecourse Social Position on Rheumatoid Arthritis Disease Severity in African Americans. Presented at the American College of Rheumatology / Association of Rheumatology Health Professionals Annual Scientific Meeting, Chicago, IL, November 2011. *Arthritis & Rheumatism*, **63(Abstract Supplement)**.
  112. Kneipp S, Kairalla J, Lutz B, Pereira D, Hall A, Flocks J, Beeber L, **Schwartz T**. Key Findings from a "Ground Up" Approach: A Community-Based Participatory Research (CBPR)-Designed Intervention to Improve the Health of Women in Welfare Transition Programs, as part of the "Tailoring Interventions for Low-Income, Culturally Diverse Women with Depressive Symptoms: Are Some Approaches Better than Others?" Symposium. Presented at the 2011 From Disparities Research to Disparities Interventions: Lessons Learned and Opportunities for the Future of Behavioral Health Services Scientific Conference, Arlington, VA, April 2011.
  113. Beeber L, Martinez M, **Schwartz T**, Holditch-Davis D, Bledsoe SE, Lewis V, Canuso R. Combining "Top-down" and "Ground-up" Approaches to Tailor Interpersonal Psychotherapy for In-Home Delivery to Low-income Mothers, as part of the "Tailoring Interventions for Low-Income, Culturally Diverse Women

- with Depressive Symptoms: Are Some Approaches Better than Others?" Symposium. Presented at the 2011 From Disparities Research to Disparities Interventions: Lessons Learned and Opportunities for the Future of Behavioral Health Services Scientific Conference, Arlington, VA, April 2011.
114. Hodges EA, **Schwartz TA**, Perreira K, Bentley ME (2011). Differences in Maternal Feeding Responsiveness between Black and Hispanic Mothers of Infants. Presented at the 25<sup>th</sup> annual conference of the Southern Nursing Research Society, Jacksonville, FL, February 2011. *Southern Online Journal of Nursing Research*, 11(2).
  115. Nelson AE, Shi XA, **Schwartz TA**, Chen JC, Chaudhary S, Renner JB, Kraus VB, Caldwell KL, Helmick CG, Poole AR, Jordan JM. Whole Blood Lead Levels Are Associated with Osteoarthritis by Radiographs, Symptoms, and Molecular Biomarkers: The Johnston County Osteoarthritis Project. Presented at the UNC-CH Center for Environmental Health and Susceptibility's Symposium on Interdisciplinary Environmental Health Research, Chapel Hill, NC, November 2010.
  116. Nelson AE, DeVellis RF, Renner JB, Purser J, **Schwartz TA**, Conaghan PG, Kraus VB, Jordan JM. Associations Between Composite Scores of Multi-Joint Osteoarthritis, Gait Speed, and Health Assessment Questionnaire Scores: The Johnston County Osteoarthritis Project. Presented at the American College of Rheumatology's 2010 Annual Scientific Meeting, Atlanta, GA, November 2010. *Arthritis & Rheumatism*, **62**(Abstract Supplement).
  117. Callahan LF, Shreffler JH, Altpeter M, Houenou LO, Schoster B, Remmes Martin K, Hootman JM, **Schwartz T**. Walk with Ease Program: One-Year Follow-Up. Presented at the American College of Rheumatology's 2010 Annual Scientific Meeting, Atlanta, GA, November 2010. *Arthritis & Rheumatism*, **62**(Abstract Supplement).
  118. Butler J, Cotts WG, Dunlap SH, Ghali JK, O'Connor CM, Dupree CA, Patterson JH, Garrand AK, **Schwartz TA**, Pina IL, Adams KF. Association of Beta Blocker Dose with Outcome in Heart Failure is Not Altered by Age: Insights from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the American Heart Association Scientific Sessions, Chicago, IL, November 2010. *Circulation*, **122**: A10790.
  119. Travers D, Haas SW, Waller A, Crouch J, Mostafa J, **Schwartz T**. Identifying Evidence of Fever in Emergency Department Text. Presented at the 2010 American Medical Informatics Association (AMIA) Annual Symposium, Washington, DC, November 2010.
  120. Huffman CS, Swanson KM, **Schwartz TA**. Influence of Fertility Status, Living Children, and Prior Loss on the Emotional Impact of Miscarriage: A Secondary Data Analysis. Presented at the 66<sup>th</sup> Annual Meeting of the American Society of Reproductive Medicine, Denver, CO, October 2010. *Recipient of the Merck Outstanding Nursing Research Award*.
  121. Cotts WG, Butler J, Dunlap SH, Ghali JK, Chiong JR, Oren RM, White MS, **Schwartz TA**, Patterson JH, Piña I, Adams KF. Evidence for an Association of Beta Blocker Dose with Outcome in Heart Failure: Insights from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the 14<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, San Diego, CA, September 2010.
  122. Beeber LS, **Schwartz TA**, Holditch-Davis D, Bledsoe SE, Canuso R, Lewis V, Blanchard H, Rogers J, Dowell JA, Martinez M. Depressive Symptoms and Low Income Mother-Child Dyads. Presented at the Council for the Advancement of Nursing Science's 2010 State of the Science Congress on Nursing Research, Washington DC, September 2010.
  123. Beeber LS, **Schwartz TA**, Canuso R, Bledsoe SE, Youngstrom E, Martinez M, Lewis V. Responses of Early Head Start Mothers with Significant Depressive Symptoms to an In-Home, Depressive Symptom Intervention: Depression Prevention and Treatment for Low-Income Ethnic Minority Women Symposium. Presented at Head Start's 10<sup>th</sup> National Research Conference, Washington, DC, June 2010.
  124. Hodges E, Bentley M, **Schwartz T**. Patterns of Maternal Feeding Responsiveness during Infancy. Presented at the Annual Meeting of the International Society for Behavioral Nutrition and Physical Activity, Minneapolis, MN, June 2010.
  125. Ghali JK, Chiong JR, Butler J, Cotts WG, Dunlap SH, Patterson JH, Oren RM, Piña IL, Schocken DD, **Schwartz TA**, Adams KF. Health Related Quality of Life and Functional Class Are Independently Related to Outcomes in Unselected Outpatients with Heart Failure: Insights from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the Annual Scientific Session of the American College of Cardiology, Atlanta, GA, March 2010.

126. Brunssen SH, Patel S, Kaufman A, **Schwartz T**, Ye P. Acoustic Startle Response Latency Is Increased in Mice with a Null Mutation of the Type 1 IGF Receptor Gene in Pre-Oligodendrocytes. Presented at the Annual Meeting of the Society for Neuroscience (Neuroscience 2009), Chicago, IL, October 2009.
127. Knafel K, Leeman J, Sandelowski M, Mark B, Knafel G, **Schwartz T**, Beeber L. How to Most Effectively Work with Your RSC Research Consultant and Statistician to Develop the Science. Presented at the Research Support Center Seminar Series, School of Nursing, University of North Carolina at Chapel Hill, October 2009.
128. Abbate LM, Stevens J, Poole CL, **Schwartz TA**, Callahan LF, Renner JB, Helmick CG, Jordan JM. The Relationship Between Weight Maintenance and Incident Radiographic Knee Osteoarthritis: The Johnston County Osteoarthritis Project. Presented at the Annual Scientific Meeting of the American College of Rheumatology, Philadelphia, PA, October 2009. *Arthritis & Rheumatism*, **60**(Abstract Supplement).
129. Callahan LF, Shreffler J, **Schwartz T**, Schoster B, Renner JB, Jordan JM. Associations of Education, Occupation and Community Poverty with Knee Osteoarthritis. Presented at the Annual Scientific Meeting of the American College of Rheumatology, Philadelphia, PA, October 2009. *Arthritis & Rheumatism*, **60**(Abstract Supplement).
130. Callahan LF, Shreffler J, Schoster B, Kaufman J, **Schwartz T**. Associations between Individual and Community Socioeconomic Status Measures with Psychosocial Outcomes in Individuals with Arthritis. Presented at the Annual Scientific Meeting of the American College of Rheumatology, Philadelphia, PA, October 2009. *Arthritis & Rheumatism*, **60**(Abstract Supplement).
131. Addison S, Shi XA, **Schwartz TA**, Kraus VB, Stabler T, Helmick CG, Jordan JM. Selenium and Biomarkers of Joint Tissue Metabolism in a Community-Based Cohort: The Johnston County Osteoarthritis Project. Presented at the Annual Scientific Meeting of the American College of Rheumatology, Philadelphia, PA, October 2009. *Arthritis & Rheumatism*, **60**(Abstract Supplement).
132. Abbate LM, Stevens J, Poole C, Schwartz TA, Callahan LF, Renner JB, Helmick CG, Jordan JM. BMI and Waist Circumference and Incident Radiographic Knee Osteoarthritis in Women and Men: The Johnston County Osteoarthritis Project. Presented at the Annual Scientific Meeting of the Obesity Society, Washington, DC, October 2009.
133. Brunssen S, Patel S, Ye P, **Schwartz T**. Acoustic Startle Response Latency Is Increased in Mice with a Null Mutation of the Type 1 IGF Receptor Gene in Pre-Oligodendrocytes. Presented at the Annual Meeting of the Society for Neuroscience, Chicago, IL, October 2009.
134. Callahan L, Shreffler J, **Schwartz TA**, Renner J, Jordan JM. Associations Between Education, Occupation and Community Poverty with Hip Osteoarthritis. Presented at the World Congress on Osteoarthritis (Osteoarthritis Research Society International), Montreal, Quebec, Canada, September 2009. *Osteoarthritis and Cartilage*, **17**, S367 (2009).
135. Pados B, Thoyre SM, Carlson B, **Schwartz T**, Nix B. Heart Rate Variability as a Measure of Physiologic Work during Feeding in the Preterm Infant. Presented at the Sigma Theta Tau Nursing Research Day (Alpha Alpha Chapter), Chapel Hill, NC, April 2009.
136. Pados B, Thoyre SM, Carlson B, **Schwartz T**, Nix B. Heart Rate Variability as a Measure of Physiologic Work during Feeding in the Preterm Infant. Presented at the 23<sup>rd</sup> annual meeting of the Southern Nursing Research Society, Baltimore, MD, February 2009. *Recipient of the Southern Nursing Research Society Doctoral Student Poster Award (1st Place)*. *Recipient of the Southern Nursing Research Society Parent/Child Research Interest Group Poster Award*.
137. Beeber LS, Holditch-Davis D, Perreira K, **Schwartz T**, Canuso R. Reaching Latina Mothers with Depressive Symptoms using Nurse-Interpreter Teams in a “New Destination” Immigration Area. Presented at the 23<sup>rd</sup> Annual Meeting of the Southern Nursing Research Society, Baltimore, MD, February 2009.
138. Bledsoe S, Beeber L, Perreira K, **Schwartz T**, Holditch-Davis D, Canuso R. An Interpersonally-Based Home Visiting Intervention: Tailoring Interpersonal Psychotherapy (IPT) for Low-Income, Limited English Proficiency (LEP) Latina Mothers. Presented at the Annual Conference of the Society for Social Work and Research: Research that Promotes Sustainability and (Re)Builds Strengths, New Orleans, LA, January 2009.
139. Sayre EC, Jordan JM, Cibere J, Murphy L, Myers EL, **Schwartz TA**, Helmick CG, Rahman MM, Aghajanian J, Kang W, Badley EM, Kopec JA. Modeling the Multivariate Distribution of Radiographic Osteoarthritis in Knees and Hips: A Population-Based Study in Rural North Carolina. Presented at the Annual Scientific Meeting of the American College of Rheumatology, San Francisco, CA, October 2008.



140. Braga L, Nelson AE, Braga-Baiak A, Atashili J, **Schwartz TA**, Renner JB, Helmick CG, Jordan JM. Knee Alignment Measurements among Caucasians and African-Americans: The Johnston County Osteoarthritis Project. Presented at the Annual Scientific Meeting of the American College of Rheumatology, San Francisco, CA, October 2008. *Arthritis & Rheumatology* **58 (Suppl)**, S242 (2008).
141. Callahan LF, Shreffler J, Schoster B, Kaufman J, **Schwartz T**. Associations of Individual and Community Measures of Socioeconomic Status (SES) with Health Status in People with Arthritis. Presented at the Annual Scientific Meeting of the American College of Rheumatology, San Francisco, CA, October 2008.
142. Beeber L, Holditch-Davis D, Perreira K, **Schwartz T**, Canuso R. Nurse-Interpreter Teams Reduce Depressive Symptoms in Low-Income, Low-English Proficiency Latina Mothers in a 'New Destination' Immigration Area. Presented at the Council for the Advancement of Nursing Science's National State of the Science Congress in Nursing Research, Washington, DC, October 2008.
143. Nelson AE, Fang F, Renner JB, **Schwartz TA**, Helmick CG, Jordan JM. Multi-Joint Radiographic Osteoarthritis (rOA) Phenotypes among African Americans and Whites: The Johnston County Osteoarthritis Project. Presented at the World Congress on Osteoarthritis (Osteoarthritis Research Society International), Rome, Italy, September 2008.
144. Fraij G, Garrand AK, Patterson JH, **Schwartz TA**, Adams KF. Relationship of Left Ventricular Size to Long-term Outcome Varies with Degree of Clinical Heart Failure: Results from the UNC Heart Failure Database. Presented at the 12<sup>th</sup> Annual Scientific meeting of the Heart Failure Society of America, Toronto, ON, Canada, September 2008.
145. Beeber LS, Rogers J, Perreira K, **Schwartz T**, Holditch-Davis D, Canuso R. In-Home Intervention to Reduce Depressive Symptoms in EHS Latina Mothers with Limited English Language Proficiency (The ALAS ["Wings"] Project). Presented at Head Start's Ninth National Research Conference, Washington, DC, June 2008.
146. Thoyre S, Holditch-Davis D, **Schwartz T**, Vaness-Meehan K, Nix B. Gentle, Cue-Based Approach to Feeding Preterm Infants: Description and Short-Term Effectiveness. Presented at the 22<sup>nd</sup> annual meeting of the Southern Nursing Research Society, Birmingham, AL, February 2008.
147. Cho J, **Schwartz T**, Neelon V. Effects of Child Gender and SES on Mother-Child Interactions. Presented at the 22<sup>nd</sup> annual meeting of the Southern Nursing Research Society, Birmingham, AL, February 2008.
148. Holditch-Davis D, Beeber LS, Mendoza Z, **Schwartz T**, Perreira K, Blanchard HC. Observation Techniques for Interactions of Spanish-Speaking Mothers with Their Young Children. Presented in La Verdad en las Palabra/La Verdad en las Acciones (Truth in Words/Truth in Actions): Methodological Issues in Measuring Intervention Outcomes with Spanish-speaking Participants Symposium at the 22<sup>nd</sup> annual meeting of the Southern Nursing Research Society, Birmingham, AL, February 2008.
149. Lewis V, Beeber LS, **Schwartz T**, Maxwell L. ¿Cómo Sé Que Ella Dijo Lo Que Ella Dijo? How Do I Know She Said What She Said? Development of a System for Determining the Accuracy of Interpreted Content in a Nursing Intervention. Presented in La Verdad en las Palabra/La Verdad en las Acciones (Truth in Words/Truth in Actions): Methodological Issues in Measuring Intervention Outcomes with Spanish-speaking Participants Symposium at the 22<sup>nd</sup> annual meeting of the Southern Nursing Research Society, Birmingham, AL, February 2008.
150. Beeber LS, Perreira K, **Schwartz T**, Holditch-Davis D. Heeding the Caveats about the Use of Ordinal Scales with Latinos: Methods to Increase Reliability. Presented in La Verdad en las Palabra/La Verdad en las Acciones (Truth in Words/Truth in Actions): Methodological Issues in Measuring Intervention Outcomes with Spanish-speaking Participants Symposium at the 22<sup>nd</sup> annual meeting of the Southern Nursing Research Society, Birmingham, AL, February 2008.
151. Beeber LS, Perreira K, **Schwartz T**, Holditch-Davis D. Co-Intervention in the Home for Depressed Latina Mothers. Presented at Preserving Precious Resources: Getting Mental Health Services to the Children and Families Who Are Most in Need (ACF/ACYF Early Prevention-Intervention Consortium [E-PIRC]), Birth to Three, Washington, DC, June 2007.
152. Beeber LS, Williams MS, Holditch-Davis D, **Schwartz T**, Perreira K. Mothers and Very Young Children at Risk: Recognizing and Treating Maternal Depression. Presented at Better Practice, Better Outcomes: Using Evidence-Based Practice to Build Stronger Families (Prevent Child Abuse North Carolina), Wilmington, NC, March 2007.

153. Holditch-Davis D, Beeber L, Mendoza Z, **Schwartz T**, Perreira K. Coding Techniques for Observations of Interactions of Spanish-Speaking Mothers with Their Young Children. Presented at the Biennial Meeting of the Society for Research in Child Development, Boston, MA, March 2007.
154. Abbate LM, Stevens J, **Schwartz TA**, Renner JB, Helmick CG, Jordan JM. Associations of Anthropometric Measures, Body Composition, and Body Fat Distribution with Radiographic Knee Osteoarthritis in Women: The Johnston County Osteoarthritis Project. Presented at the UNC Medical Student Research Day, sponsored by the John B. Graham Student Research Society, January 2007.
155. Beeber, LS, **Schwartz T**, Perreira K. Challenging the Belief that Latinos Express Depression as Physical Illness: A Step Toward Developing an Intervention to Reduce Depressive Symptoms in Latina Mothers of Infants and Toddlers. Presented at the 33rd Annual Conference of the American Academy of Nursing, Miami, FL, November 2006.
156. Kopec JA, Sayre EC, **Schwartz T**, Badley EM, Jordan JM. Socio-demographic Factors, Pain, and Radiographic Progression of Hip and Knee Osteoarthritis. Presented at the American College of Rheumatology Clinical Research Conference on Reducing Disparities in Prevalence and Impact of Rheumatic Diseases, Washington, DC, November 2006.
157. Murphy L, Helmick CG, **Schwartz T**, Tudor G, Koch G, Renner JB, Dragomir A, Kalsbeek WD, Luta G, Jordan JM. The Lifetime Risk of Symptomatic Hip Osteoarthritis Is One in Four. Presented at the Annual Scientific Meeting of the American College of Rheumatology and Association of Rheumatology Health Professionals, Washington, DC, November 2006.
158. Murphy L, Helmick CG, **Schwartz T**, Tudor G, Koch G, Renner JB, Dragomir A, Kalsbeek W, Luta G, Jordan JM. The Lifetime Risk of Symptomatic Hip Osteoarthritis in Blacks and Whites Is Comparable. Presented at the Annual Scientific Meeting of the American College of Rheumatology and Association of Rheumatology Health Professionals Pre-Conference Focused on Disparities, Washington, DC, November 2006.
159. Adams KF, Patterson JH, Stough WG, Alla F, O'Connor C, Lee CR, **Schwartz TA**, Gheorghide M. Relationship of Clinical Signs and Chest X-Ray Congestion to the Efficacy of Digoxin in Patients with Chronic Heart Failure: A Retrospective Analysis of the Digoxin Investigation Group Trial. Presented at the 10th Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA, September 2006.
160. Alla FM, Al-Hindi AY, Lee CR, **Schwartz TA**, Patterson JH, Ghali JK, Adams KF. Diabetes Reduces the Likelihood of More Favorable Outcomes in Women than Men with Heart Failure: Retrospective Analysis of the DIG Trial. Presented at the 10th Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA, September 2006.
161. Cotts WG, Dunlap SH, Schocken DD, Sueta CA, Pina IL, Chiong JR, Felker GM, Ghali JK, Patterson JH, **Schwartz TA**, Oren RM, Wagoner LE, Adams KF. Decreasing Hemoglobin During Follow-up Is Associated with Declining Quality of Life in Unselected Outpatients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the 10th Annual Scientific Meeting of the Heart Failure Society of America, Seattle, WA, September 2006.
162. Adams PA, Rodgers JE, Campbell KB, Fumi AL, **Schwartz T**, Sueta CA. Impact of Medication Cost and Method of Payment on Adherence in Heart Failure Patients. Presented at Heart Failure Management 2006: Established Therapy and New Frontiers, Amelia Island, FL, July 2006.
163. Alla FM, Al-Hindi AY, Lee CR, **Schwartz TA**, Patterson JH, Ghali JK, Adams KF. Diabetes Reduces the Likelihood of More Favorable Outcomes in Women than Men with Heart Failure: Retrospective Analysis of the DIG Trial. European Society of Cardiology Congress Working Group, Helsinki, Finland, June 2006.
164. Holditch-Davis D, **Schwartz T**, Scher M. Prediction of Developmental Outcomes of Prematures from Biological and Social Risk Measures in Infancy. In Barbara Medoff-Cooper (moderator), New Perspectives on Behavioral Organization in the Preterm Infant. Symposium presented at the International Conference on Infant Studies, Kyoto, Japan, June 2006.
165. Perreira K, Ornelas I, Beeber L, **Schwartz T**, Holditch-Davis D. Preparing the Way: Early Head Start and the Socio-Emotional Health of Infants and Toddlers in Latino Immigrant Families. Presented at Head Start's Eighth National Research Conference, Washington, DC, June 2006.
166. Perreira K, Ornelas I, Beeber L, **Schwartz T**, Holditch-Davis D. Preparing the Way: Early Head Start and the Socio-Emotional Health of Infants and Toddlers in Latino Immigrant Families. Poster presented at Family Research Consortium IV, Spokane, WA, June 2006.

167. Carter BM, Holditch-Davis D, **Schwartz T**. Identification of Race and Gender as Risk Factors Associated with Necrotizing Enterocolitis in Premature Infants. Presented at the 20<sup>th</sup> annual meeting of the Southern Nursing Research Society, Memphis, TN, February 2006.
168. Beeber LS, Seeherunwong A, **Schwartz T**, Funk SG, Vongsirimas N. Validity of the Rosenberg Self-esteem Scale in Young Women from Thailand and the USA. Presented at the International Nursing Conference on Prevention and Management of Chronic Conditions: International Perspectives, Bangkok, Thailand, January 2006.
169. Holditch-Davis D, Merrill P, Sanders L, **Schwartz T**. Predictors of Asthma in Prematurely Born Children. Presented at the International Nursing Conference on Prevention and Management of Chronic Conditions: International Perspectives, Bangkok, Thailand, January 2006.
170. Abbate LM, Renner LB, **Schwartz TA**, Helmick CG, Jordan JM. Associations between Body Mass Index, Body Composition, Fat Distribution and Knee Symptoms Severity in African-American and Caucasian Women. Presented at the 10<sup>th</sup> World Congress on Osteoarthritis (Osteoarthritis Research Society International), Boston, Massachusetts, December 2005.
171. Murphy L, **Schwartz T**, Jordan JM, Tudor G, Koch G, Helmick CG. The Lifetime Risk of Symptomatic Knee Osteoarthritis Is One in Two. Presented at the Annual Scientific Meeting of the American College of Rheumatology and Association of Rheumatology Health Professionals, San Diego, California, November 2005.
172. Alla FM, Al-Hindi AY, Lee CR, **Schwartz TA**, Patterson JH, Adams KF. Women Have Reduced Risk for Hospitalization in Heart Failure Due to Left Ventricular Dysfunction but not Preserved Ejection Fraction: Retrospective Analysis of the DIG Trial. Presented at American Heart Association, Dallas, TX, November 2005.
173. Chiong JR, Oren RM, Ghali JK, Mehra MR, Dunlap SH, Stough WG, Wagoner LE, Butler J, Patterson JH, O'Connor C, **Schwartz TA**, Cotts WG, Adams KF, and the STAMINA-HFP Investigators. Reduced Quality of Life is Independently Associated with Poor Outcomes in Unselected Outpatients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at American Heart Association, Dallas, TX, November 2005.
174. Al-Hindi AY, Lee CR, **Schwartz TA**, Patterson JH, Alla FM, Adams KF. Chest X-Ray Predicts Outcomes in Patients with Heart Failure with Both Preserved and Reduced Ejection Fractions: Retrospective Analysis from the DIG Study. Presented at the 9<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Boca Raton, FL, September 2005.
175. Al-Hindi AY, Lee CR, Patterson JH, **Schwartz TA**, Alla FM, Adams KF. Signs But Not Symptoms Predict Outcomes in Patients with Heart Failure with Both Preserved and Reduced Ejection Fractions: Retrospective Analysis from the DIG Study. Presented at the 9<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Boca Raton, FL, September 2005.
176. Alla FM, Al-Hindi AY, Lee CR, **Schwartz TA**, Patterson JH, Adams KF. Women Have Reduced Risk for Hospitalization in Heart Failure Due to Left Ventricular Dysfunction but not Preserved Ejection Fraction: Retrospective Analysis of the DIG Trial. Presented at the 9<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Boca Raton, FL, September 2005.
177. Felker GM, Wagoner LE, Mehra MR, Ghali JK, Oren RM, Dunlap SH, Butler J, **Schwartz TA**, Chiong JR, Stough WG, Piña IL, Patterson JH, Adams KF for the STAMINA-HFP Investigators. Evolution of Hemoglobin Concentration in Outpatients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the 9<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Boca Raton, FL, September 2005.
178. Chiong JR, Oren RM, Ghali JK, Mehra MR, Dunlap SH, Stough WG, Wagoner LE, Butler J, Patterson JH, O'Connor CM, **Schwartz TA**, Cotts WG, Adams KF for the STAMINA-HFP Investigators. Reduced Quality of Life Is Independently Associated with Poor Outcomes in Unselected Outpatients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the 9<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Boca Raton, FL, September 2005.
179. Al-Hindi AY, Lee CR, **Schwartz TA**, Patterson JH, Alla FM, Adams KF. Chest X-Ray Predicts Outcome in Heart Failure Patients with Preserved and Reduced Ejection Fraction: Analysis from the DIG Study. Presented at Heart Failure Management 2005: Established Therapy and New Frontiers, Amelia Island, FL, July 2005.

180. Al-Hindi AY, Lee CR, Patterson JH, **Schwartz TA**, Alla FM, Adams KF. Signs But Not Symptoms Predict Outcome in Heart Failure With Preserved and Reduced Ejection Fraction: Analysis from the DIG Study. Presented at Heart Failure Management 2005: Established Therapy and New Frontiers, Amelia Island, FL, July 2005.
181. Chiong JR, Oren RM, Ghali JK, Mehra MR, Dunlap SH, Stough WG, Wagoner LE, Butler J, Patterson JH, O'Connor CM, **Schwartz TA**, Cotts WG, Adams KF for the STAMINA-HFP Investigators. Reduced Quality of Life Is Independently Associated with Poor Outcomes in Unselected Outpatients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at Heart Failure Management 2005: Established Therapy and New Frontiers, Amelia Island, FL, July 2005.
182. Murphy L, **Schwartz T**, Jordan JM, Tudor G, Koch G, Helmick CG. The Lifetime Risk of Symptomatic Knee Osteoarthritis Is One in Two. Presented at Epidemiology without Borders: Joint meeting of the Society for Epidemiologic Research and the Canadian Society for Epidemiology and Biostatistics, Toronto, Ontario, Canada, June 2005. *American Journal of Epidemiology*, **161(11Suppl)**. [PMID: 15991346]
183. Perreira K, Beeber L, **Schwartz T**, Holditch-Davis D. Preparing the Way: Early Head Start and the Socio-emotional Health of Infants and Toddlers. Presented at Mixed Methods Research on Economic Conditions, Public Policy, and Family and Child Well-Being, National Poverty Center, Ann Arbor, MI, June 2005.
184. Pina IL, Chiong JR, Hebert K, Robbins S, Schocken DD, Felker M, Cotts WG, Dunlap SH, Sueta CA, Mehra MR, Ghali JK, **Schwartz TA**, Adams KF, for the STAMINA-HFP Investigators. Anemia is an Important Independent Risk Factor for Morbidity and Mortality in Elderly Patients with Heart Failure: Results from STAMINA-HFP (Study of Anemia in a Heart Failure Population). Presented at the 6<sup>th</sup> Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, Washington, DC, May 2005.
185. Beeber LS, Cooper C, Emory S, Van Noy B, **Schwartz T**, Canuso R, Lewis V, Blanchard H. Flying Beneath the Radar: In-Home Intervention Retains Underserved Mothers with Depressive Symptoms. Presented at the 19<sup>th</sup> annual meeting of the Southern Nursing Research Society, Atlanta, GA, February 2005.
186. Beeber LS, Perreira KM, **Schwartz T**. Relationships of Depressive Symptoms and Acculturation in Latin Mothers and the Socio-Emotional Health of Their Infants and Toddlers. Presented at the 19<sup>th</sup> annual meeting of the Southern Nursing Research Society, Atlanta, GA, February 2005.
187. Beeber LS, Perreira KM, Holditch-Davis D, **Schwartz T**. Delivering an In-Home Mental Health Intervention to Depressed Low-Income Mothers of Infants and Toddlers. Presented at the 19<sup>th</sup> annual meeting of the Southern Nursing Research Society, Atlanta, GA, February 2005.
188. Holditch-Davis D, **Schwartz T**, Scher M. Predictors of Mother-Premature Infant Interactions at 6 and 18 Months Corrected Age. Presented at the 19<sup>th</sup> annual meeting of the Southern Nursing Research Society, Atlanta, GA, February 2005.
189. Ghali JK, Oren RM, Dunlap SH, Wagoner LE, Pina IL, Miller A, O'Connor C, Gheorghiane M, Sueta C, Hebert K, Hunter JJ, Schocken D, **Schwartz TA**, Adams KF, and STAMINA-HFP Investigators. Lower Hemoglobin is Associated with Persistently Reduced Quality of Life in Unselected Patients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at American Heart Association, New Orleans, LA, November 2004.
190. Adams KF, Mehra MR, Chiong JR, Wagoner L, Patterson JH, Gattis W, Felker M, Ghali J, Cotts W, Vijayaraghavan K, **Schwartz TA**, Butler J, Wolinski D, Oren R, and STAMINA-HFP Investigators. Lower Hemoglobin is Associated with Reduced Survival in Unselected Patients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at American Heart Association, New Orleans, LA, November 2004.
191. Beeber, LS, Canuso R, Holditch-Davis D, **Schwartz T**. Partnering with Early Head Start to Deliver Interventions to Reduce Depressive Symptoms in Low-Income and Latina Mothers. Presented at the National Conference on the State of the Science in Nursing Research, Washington, DC, October 2004.
192. Thoyre SM, Schwartz TA. Predictors of Feeding Readiness at the Onset of Bottle Feeding Episodes in Very Low Birth Weight Infants. Presented at the National Conference on the State of the Science in Nursing Research, Washington, DC, October 2004.
193. Lee CR, Patterson JH, Gattis WA, Ghali J, Shah PJ, **Schwartz TA**, Gheorghiane M, Adams KF Jr. Renal Dysfunction is Common in Patients with Heart Failure and Preserved Systolic Function: Retrospective

- Analysis of the Digitalis Investigational Group (DIG) Trial. Encore presentation at the Annual Meeting of the American College of Clinical Pharmacy, Dallas, TX, October 2004.
194. Lee CR, Patterson JH, Gattis WA, O'Connor CM, **Schwartz TA**, Gheorghiade M, Adams KF. Renal Function, Independent of Ejection Fraction and Heart Size, is a Predictor of Mortality in Patients with Heart Failure and Preserved Ejection Fraction: a Retrospective Analysis of the Digitalis Investigational Group (DIG) Trial. Presented at the 8<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada, September 2004.
  195. Alla FM, Patterson JH, Gattis WA, O'Connor CM, Lee CR, **Schwartz TA**, Gheorghiade M, Adams KF. Women With Preserved Systolic Function Have Better Survival than Men: Retrospective Analysis of the Digitalis Investigational Group (DIG) Trial. Presented at the 8<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada, September 2004.
  196. Patterson JH, Lee CR, Gheorghiade M, Gattis WA, O'Connor CM, **Schwartz TA**, Adams KF. Clinical Severity Predicts Response to Digoxin: a retrospective analysis of the Digitalis Investigational Group trial. Presented at the 8<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada, September 2004.
  197. Adams KF, Patterson JH, Gattis WA, O'Connor CM, Lee CR, **Schwartz TA**, Gheorghiade M. Relationship of Serum Digoxin Concentration to Mortality and Morbidity in Women in the Digitalis Investigation Group (DIG) Trial: A Retrospective Analysis. Presented at the 8<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada, September 2004.
  198. Dunlap SH, Pina IL, Cotts WG, Wagoner LE, Oren RM, Gattis WA, Mehra MR, Ghali JK, Hall SA, Felker GM, **Schwartz TA**, Hunter JJ, Adams KF, and STAMINA-HFP Investigators. Lower Hemoglobin is Associated with Persistently Reduced Quality of Life in Unselected Patients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the 8<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada, September 2004.
  199. Mehra MR, Butler J, Dunlap SH, Ghali JK, Chiong JR, Miller AB, Patterson JH, Sueta CA, Vijayaraghavan K, Wellford AL, **Schwartz TA**, O'Connor CM, Adams KF, and STAMINA-HFP Investigators. Lower Hemoglobin is Associated with Reduced Survival in Unselected Patients with Heart Failure: Results from the Study of Anemia in a Heart Failure Population (STAMINA-HFP) Registry. Presented at the 8<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Toronto, Canada, September 2004.
  200. Adams KF, Patterson JH, Gattis WA, O'Connor CM, Lee CR, **Schwartz TA**, Gheorghiade M. Relationship of Serum Digoxin Concentration to Mortality and Morbidity in Women in the Digitalis Investigation Group (DIG) Trial: A Retrospective Analysis. Presented at the European Society of Cardiology Congress, Munich, Germany, August 2004. *European Heart Journal*, **25(Suppl 1)**, 30-31.
  201. Perreira KM, Beeber, LS, Holditch-Davis D, **Schwartz T**. Relationships of Depressive Symptoms and Acculturation in Latina Mothers and the Socio-Emotional Health of Their Infants and Toddlers. Presented at the Family Research Consortium IV Center for Culture and Health, San Juan, Puerto Rico, July 2004.
  202. Beeber, LS, Holditch-Davis D, **Schwartz T**, Perreira KM. Depressive Symptoms, Acculturation in Latina Mothers and the Socio-Emotional Health of Their Infants and Toddlers. Presented at the National Head Start Research Conference, Washington, DC, June 2004.
  203. Holditch-Davis D, Scher M, **Schwartz T**. Relationship of Sleeping and Waking Bout Frequencies and Lengths to the Development of Behavioral States in Preterm Infants. Presented at the Associated Professional Sleep Societies' 18<sup>th</sup> Annual Meeting, Philadelphia, PA, June 2004. *Sleep*, **27(Suppl)**, A99-A100.
  204. Holditch-Davis D, **Schwartz T**, Scher M. Interactions between Premature Infants and Their Mothers at 6 and 18 Months after Term. Presented at the Biennial International Conference on Infant Studies, Chicago, IL, May 2004.
  205. Wagoner LE, Butler J, Oren R, Ghali JK, Pina I, Miller A, Patterson JH, O'Quigley M, Sueta CA, James M, Kapadia S, O'Connor CM, **Schwartz TA**, Adams KF. Anemia is Common in Patients with Heart Failure Seen in Specialty and Community Cardiology Clinics: Results from the STAMINA-HFP (Study of Anemia in a Heart Failure Population) Registry. Presented at the Annual Scientific Session of the American College of Cardiology, New Orleans, LA, March 2004.
  206. Adams KF, Pina I, Pavlovic-Surjancev B, Wagoner LE, Dunlap SH, **Schwartz TA**, Gattis WA, Mehra MR, Ghali JK, Wolinski D, Pitt W, Kim J, Butler J, Oren RM. Anemia is Associated with Poorer Quality of Life in Patients with Heart Failure: Results from the STAMINA-HFP (Study of Anemia in a Heart Failure

- Population) Registry. Presented at the Annual Scientific Session of the American College of Cardiology, New Orleans, LA, March 2004.
207. Butler J, Miller A, Oren RM, Ghali JK, Pavlovic-Surjancev B, Sueta CA, O'Connor CM, Hebert K, Gheorghiadu M, Schocken D, Cotts W, **Schwartz TA**, Adams KF. Contemporary Dosing of Angiotensin Converting Enzyme Inhibitors and Beta Blockers in Chronic Heart Failure: Report from the STAMINA-HFP (Study of Anemia in a Heart Failure Population) Registry. Presented at the Annual Scientific Session of the American College of Cardiology, New Orleans, LA, March 2004.
  208. Black B, Holditch-Davis D, **Schwartz T**. Effects of Antenatal Magnesium Sulfate and Glucocorticoid Therapy on Sleep States of Preterm Infants. Presented at the 18<sup>th</sup> annual meeting of the Southern Nursing Research Society, Louisville, KY, February 2004.
  209. Miles MS, Holditch-Davis D, Scher M, **Schwartz T**. Depressive Symptoms in Mothers of Prematurely-Born-Infants. Presented at the 18<sup>th</sup> annual meeting of the Southern Nursing Research Society, Louisville, KY, February 2004.
  210. Holditch-Davis D, Sanders L, Merrill P, **Schwartz T**. Predictors of Asthma in Prematurely Born Children. Presented at the 18<sup>th</sup> annual meeting of the Southern Nursing Research Society, Louisville, KY, February 2004.
  211. Lee CR, Patterson JH, Gattis WA, Ghali J, Shah PJ, **Schwartz TA**, Gheorghiadu M, Adams KF Jr. Renal Dysfunction is Common in Patients with Heart Failure and Preserved Systolic Function: Retrospective Analysis of the Digitalis Investigational Group (DIG) Trial. Presented at American Heart Association, Orlando, FL, November 2003. *Circulation*, **108**:IV, 484-485.
  212. Shah PJ, Lee CR, Adams KF Jr., Patterson JH, Gattis WA, O'Connor CM, **Schwartz TA**, Gheorghiadu M. Favorable Effects of Digoxin on Morbidity and Mortality in Patients with Class IV CHF Due to Systolic Dysfunction: Retrospective Analysis of the Digitalis Investigational Group (DIG) Trial. Encore presentation at the Annual Meeting of the American College of Clinical Pharmacy, Atlanta, GA, November 2003. *Pharmacotherapy*, **23**, 1331.
  213. Lee CR, Shah PJ, Adams KF Jr., Gattis WA, O'Connor CM, Gheorghiadu M, **Schwartz TA**, Patterson JH. Variability in Serum Digoxin Concentrations (SDCs) in the Digitalis Investigational Group (DIG) Trial: A Retrospective Analysis. Presented at the Annual Meeting of the American College of Clinical Pharmacy, Atlanta, GA, November 2003. *Pharmacotherapy*, **23**, 1331.
  214. Shah PJ, Patterson JH, Gattis WA, Ghali JK, Lee CR, O'Connor CM, **Schwartz TA**, Gheorghiadu M, Adams KF Jr. Risk of Death in Patients with Preserved Systolic Function: Retrospective Analysis of the Digitalis Investigational Group (DIG) Trial. Presented at the 7<sup>th</sup> Annual Scientific Meeting of the Heart Failure Society of America, Las Vegas, NV, September 2003. *Journal of Cardiac Failure*, **9**, S85.
  215. Shah PJ, Patterson JH, Gattis WA, Ghali J, Lee CR, O'Connor CM, **Schwartz TA**, Gheorghiadu M, Adams KF Jr. Risk of Death in Patients With Preserved Systolic Function: Retrospective Analysis of the Digitalis Investigational Group (DIG) Trial. Presented at the UNC School of Pharmacy Graduate Research Conference, April 2003.
  218. Holditch-Davis D, **Schwartz T**, Scher M. Development of sleeping and waking bout frequencies and lengths in preterm infants. Presented at the Biennial meeting of the Society for Research on Child Development, Tampa, FL, April 2003.
  219. Adams KF, Patterson JH, Gattis WA, O'Connor CM, **Schwartz TA**, Gheorghiadu M. Favorable Effects of Digoxin on Mortality and Morbidity in Patients with Class IV Congestive Heart Failure Due to Systolic Dysfunction: Retrospective Analysis of the DIG Study. Presented at the 52<sup>nd</sup> Annual Scientific Session of the American College of Cardiology, Chicago, IL, March 2003. *Journal of the American College of Cardiology*, **41**, 164A.
  220. Holditch-Davis D, Scher M, **Schwartz T**. Respiratory development in preterm infants. Presented at the 17<sup>th</sup> Annual Meeting of the Southern Nursing Research Society, Orlando, FL, February 2003. Published in conference proceedings.
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225. Holditch-Davis D, Scher M, **Schwartz T**, Preisser J. Sleeping and Waking Development in Preterm Infants. Presented at the 16<sup>th</sup> Annual Meeting of the Southern Nursing Research Society, San Antonio, TX, February 2002. Published in the conference proceedings, p. 11.
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**TEACHING EXPERIENCE****COURSES AS INSTRUCTOR/CO-INSTRUCTOR AT THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL**

Spring 2017	Instructor NURS 972 “Statistical Models for Health Research” ( <i>Flipped format</i> ) (4 credit-hour PhD-level course) 14 Students School of Nursing University of North Carolina at Chapel Hill
Fall 2016	Primary Instructor (Co-Instructor with Professor Gary Koch) BIOS 665 “Categorical Data Analysis” (3 credit-hour graduate-level course) 55 Students Department of Biostatistics Gillings School of Global Public Health University of North Carolina at Chapel Hill
Spring 2016	Instructor NURS 972 “Statistical Models for Health Research” ( <i>Flipped format</i> ) (4 credit-hour PhD-level course) 14 Students School of Nursing University of North Carolina at Chapel Hill
Fall 2015	Primary Instructor (Co-Instructor with Professor Gary Koch) BIOS 665 “Categorical Data Analysis” (3 credit-hour graduate-level course) 85 Students Department of Biostatistics Gillings School of Global Public Health University of North Carolina at Chapel Hill
Spring 2015	Instructor NURS 972 “Statistical Models for Health Research” ( <i>Flipped format</i> ) (4 credit-hour PhD-level course) 6 Students School of Nursing University of North Carolina at Chapel Hill
Fall 2014	Primary Instructor (Co-Instructor with Professor Gary Koch) BIOS 665 “Categorical Data Analysis” (3 credit-hour graduate-level course) 75 Students Department of Biostatistics Gillings School of Global Public Health University of North Carolina at Chapel Hill
Spring 2014	Instructor NURS 972 “Statistical Models for Health Research” ( <i>Flipped format</i> ) (4 credit-hour PhD-level course)



	<p>12 Students                  School of Nursing                  University of North Carolina at Chapel Hill</p>
Fall 2013	<p>Primary Instructor (Co-Instructor with Professor Gary Koch)                  BIOS 665 “Categorical Data Analysis”                  (3 credit-hour graduate-level course)                  81 Students                  Department of Biostatistics                  Gillings School of Global Public Health                  University of North Carolina at Chapel Hill</p>
Spring 2013	<p>Instructor                  NURS 970 “Advanced Statistics: Principles of Regression, Correlation, and Analysis of Variance” (<i>Flipped format</i>)                  (4 credit-hour PhD-level course)                  12 Students                  School of Nursing                  University of North Carolina at Chapel Hill</p>
Fall 2012	<p>Primary Instructor (Co-Instructor with Professor Gary Koch)                  BIOS 665 “Categorical Data Analysis”                  (3 credit-hour graduate-level course)                  83 Students                  Department of Biostatistics                  Gillings School of Global Public Health                  University of North Carolina at Chapel Hill</p>
Spring 2012	<p>Instructor                  NURS 971 “Advanced Statistics II: Principles of Analysis of Variance”                  (3 credit-hour PhD-level course)                  13 Students                  School of Nursing                  University of North Carolina at Chapel Hill</p>
Fall 2011	<p>Primary Instructor (Co-Instructor with Professor Gary Koch)                  BIOS 665 “Categorical Data Analysis”                  (3 credit-hour graduate-level course)                  81 Students                  Department of Biostatistics                  Gillings School of Global Public Health                  University of North Carolina at Chapel Hill</p>
Spring 2011	<p>Instructor                  NURS 970 “Advanced Statistics I: Principles of Regression and Correlation”                  (3 credit-hour PhD-level course)                  15 Students                  School of Nursing                  University of North Carolina at Chapel Hill</p>
Fall 2010	<p>Primary Instructor (Co-Instructor with Professor Gary Koch)                  BIOS 665 “Categorical Data Analysis”                  (3 credit-hour graduate-level course)                  75 Students                  Department of Biostatistics</p>

Gillings School of Global Public Health  
University of North Carolina at Chapel Hill

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|-------------|--|
| Spring 2010 | Instructor<br>NURS 971 “Advanced Statistics II: Principles of Analysis of Variance”<br>(3 credit-hour PhD-level course)<br>School of Nursing<br>University of North Carolina at Chapel Hill  |
| Fall 2009   | Co-Instructor (with Professor Gary Koch)<br>BIOS 665 “Categorical Data Analysis”<br>(3 credit-hour graduate-level course)<br>Department of Biostatistics<br>Gillings School of Global Public Health<br>University of North Carolina at Chapel Hill |
| Spring 2009 | Instructor<br>NURS 970 “Advanced Statistics I: Principles of Regression and Correlation”<br>(3 credit-hour PhD-level course)<br>School of Nursing<br>University of North Carolina at Chapel Hill   |
| Fall 2008   | Co-Instructor (with Professor Gary Koch)<br>BIOS 665 “Categorical Data Analysis”<br>(3 credit-hour graduate-level course)<br>Department of Biostatistics<br>Gillings School of Global Public Health<br>University of North Carolina at Chapel Hill |
| Spring 2008 | Instructor<br>NURS 971 “Advanced Statistics II: Principles of Analysis of Variance”<br>(3 credit-hour PhD-level course)<br>School of Nursing<br>University of North Carolina at Chapel Hill  |
| Fall 2007   | Co-Instructor (with Professor Gary Koch)<br>BIOS 665 “Categorical Data Analysis”<br>(3 credit-hour graduate-level course)<br>Department of Biostatistics<br>School of Public Health<br>University of North Carolina at Chapel Hill                 |
| Fall 2007   | Instructor<br>BIOS 540 Biostatistics independent study (logistic regression)<br>PhD student (Brigit Carter)<br>School of Nursing<br>University of North Carolina at Chapel Hill  |
| Spring 2007 | Instructor<br>NURS 970 “Advanced Statistics I: Principles of Regression and Correlation”<br>(3 credit-hour PhD-level course)<br>School of Nursing<br>University of North Carolina at Chapel Hill   |
| Fall 2006   | Co-Instructor (with Professor Gary Koch)   |

	<p>BIOS 665 “Categorical Data Analysis”          (3 credit-hour graduate-level course)          Department of Biostatistics          School of Public Health          University of North Carolina at Chapel Hill</p>
Spring 2006	<p>Instructor          NURS 371 “Advanced Statistics II: Principles of Analysis of Variance”          (3 credit-hour PhD-level course)          School of Nursing          University of North Carolina at Chapel Hill</p>
Fall 2005	<p>Co-Instructor (with Professor Gary Koch)          BIOS 165 “Categorical Data Analysis”          (3 credit-hour graduate-level course)          Department of Biostatistics          School of Public Health          University of North Carolina at Chapel Hill</p>
Fall 2005	<p>Instructor          “Essential Statistical Methods Using The SAS Software”          (8 contact hour mini-course)          Conducted for Fellows in the Division of Pharmacotherapy and Experimental          Therapeutics          School of Pharmacy          University of North Carolina at Chapel Hill</p>
Fall 2004	<p>Co-Instructor (with Professor Gary Koch)          BIOS 165 “Categorical Data Analysis”          (3 credit-hour graduate-level course)          Department of Biostatistics          School of Public Health          University of North Carolina at Chapel Hill</p>
Fall 2003	<p>Co-Instructor (with Professor Gary Koch)          BIOS 165 “Categorical Data Analysis”          (3 credit-hour graduate-level course)          Department of Biostatistics          School of Public Health          University of North Carolina at Chapel Hill</p>
Fall 2003	<p>Instructor          BIOS 140 Biostatistics independent study (time series analysis) PhD student          (Robin Knobel)          School of Nursing          University of North Carolina at Chapel Hill</p>
Fall 2002	<p>Co-Instructor (with Professor Gary Koch)          BIOS 165 “Categorical Data Analysis”          (3 credit-hour graduate-level course)          Department of Biostatistics          School of Public Health          University of North Carolina at Chapel Hill</p>
Fall 2001	<p>Co-Instructor (with Professor Gary Koch)</p>

BIOS 165 “Categorical Data Analysis”  
(3 credit-hour graduate-level course)  
Department of Biostatistics  
School of Public Health  
University of North Carolina at Chapel Hill

**GUEST LECTURES****COURSES AT THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL**

Spring 2017	<p>“Sample Size: Power and Effect Size”  NURS 958 (Designing Intervention Studies, S. Santacroce)  School of Nursing  University of North Carolina at Chapel Hill</p>
Spring 2017	<p>“Introduction to Longitudinal Data Analysis &amp; Repeated Measures”  DPET 831 (Quantitative Methods in Clinical Research, K. Faurot)  Eshelman School of Pharmacy  University of North Carolina at Chapel Hill</p>
Spring 2017	<p>“Sample Size: Power and Effect Size” (<i>Flipped format</i>)  NURS 959 (Research Grant Writing, L. Beeber)  School of Nursing  University of North Carolina at Chapel Hill</p>
Spring 2017	<p>“Sample Size and Power”  EPID 733 (Clinical Trials in Epidemiology, J. Baron)  Department of Epidemiology  Gillings School of Global Public Health  University of North Carolina at Chapel Hill</p>
Spring 2017	<p>“Consulting Tools: Sample size, Precision and Power” (<i>Flipped format</i>)  BIOS 841 (Principles of Statistical Consulting, P. Stewart &amp; M. Weaver)  Department of Biostatistics  Gillings School of Global Public Health  University of North Carolina at Chapel Hill</p>
Fall 2016	<p>“Random Error (Type I &amp; Type II Error); Estimation of Sample Size”  DPET 833 (Experimental Design Considerations in Clinical Research, C. Lee)  Eshelman School of Pharmacy  University of North Carolina at Chapel Hill</p>
Spring 2016	<p>“Sample Size: Power and Effect Size”  NURS 958 (Designing Intervention Studies, S. Santacroce)  School of Nursing  University of North Carolina at Chapel Hill</p>
Spring 2016	<p>“Sample Size: Power and Effect Size”  Core Curriculum Seminar Series for Pediatric Fellows and Specialty Residents  Department of Pediatrics (W. Price)  School of Medicine  University of North Carolina at Chapel Hill</p>
Spring 2016	<p>“Introduction to Longitudinal Data Analysis &amp; Repeated Measures”  DPET 831 (Quantitative Methods in Clinical Research, K. Faurot)  Eshelman School of Pharmacy  University of North Carolina at Chapel Hill</p>
Spring 2016	<p>“Sample Size: Power and Effect Size” (<i>Flipped format</i>)</p>

- NURS 959 (Research Grant Writing, L. Beeber)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2016 “Sample Size and Power”  
 EPID 733 (Clinical Trials in Epidemiology, S. Bangdiwala & J. Baron)  
 Department of Epidemiology  
 Gillings School of Global Public Health  
 University of North Carolina at Chapel Hill
- Spring 2016 “Consulting Tools: Sample size, Precision and Power” (*Flipped format*)  
 BIOS 841 (Principles of Statistical Consulting, S. Bangdiwala & P. Stewart)  
 Department of Biostatistics  
 Gillings School of Global Public Health  
 University of North Carolina at Chapel Hill
- Fall 2015 “Random Error (Type I & Type II Error); Estimation of Sample Size”  
 DPET 833 (Experimental Design Considerations in Clinical Research, H. Hull & C. Lee)  
 Eshelman School of Pharmacy  
 University of North Carolina at Chapel Hill
- Spring 2015 “Sample Size: Power and Effect Size”  
 NURS 958 (Designing Intervention Studies, L. Beeber & C. Giscombe)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2015 “Analysis of Categorical Data”  
 DPET 831 (Quantitative Methods in Clinical Research, H. Hull)  
 Eshelman School of Pharmacy  
 University of North Carolina at Chapel Hill
- Spring 2015 “Sample Size and Power”  
 EPID 733 (Clinical Trials in Epidemiology, S. Bangdiwala & J. Baron)  
 Department of Epidemiology  
 Gillings School of Global Public Health  
 University of North Carolina at Chapel Hill
- Spring 2015 “Consulting Tools: Sample Size, Precision and Power” (*Flipped format*)  
 BIOS 841 (Principles of Statistical Consulting, S. Bangdiwala & P. Stewart)  
 Department of Biostatistics  
 Gillings School of Global Public Health  
 University of North Carolina at Chapel Hill
- Spring 2014 “Sample Size: Power and Effect Size”  
 NURS 958 (Designing Intervention Studies, L. Beeber)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2014 “Analysis of Categorical Data”  
 DPET 831 (Quantitative Methods in Clinical Research, H. Hull)  
 Eshelman School of Pharmacy  
 University of North Carolina at Chapel Hill
- Spring 2014 “Sample Size Considerations in Grant Proposals: Power and Precision”

- BIOS 841 (Principles of Statistical Consulting, S. Bangdiwala, R. Dominick, & P. Stewart)  
Department of Biostatistics  
Gillings School of Global Public Health  
University of North Carolina at Chapel Hill
- Spring 2013      “Analysis of Categorical Data”  
DPET 831 (Quantitative Methods in Clinical Research, H. Hull)  
Eshelman School of Pharmacy  
University of North Carolina at Chapel Hill
- Spring 2013      “Sample Size and Power”  
EPID 733 (Clinical Trials in Epidemiology, P. Menezes & S. Bangdiwala)  
Department of Epidemiology  
Gillings School of Global Public Health  
University of North Carolina at Chapel Hill
- Spring 2013      “Sample Size Considerations in Grant Proposals: Power and Precision”  
BIOS 841 (Principles of Statistical Consulting, S. Bangdiwala & R. Dominick)  
Department of Biostatistics  
Gillings School of Global Public Health  
University of North Carolina at Chapel Hill
- Spring 2013      “Sample Size: Power and Effect Size”  
NURS 958 (Designing Intervention Studies, L. Beeber & B. Carlson)  
School of Nursing  
University of North Carolina at Chapel Hill
- Spring 2012      “Analysis of Categorical Data”  
DPET 831 (Quantitative Methods in Clinical Research, H. Hull)  
Eshelman School of Pharmacy  
University of North Carolina at Chapel Hill
- Spring 2012      “Sample Size and Power”  
EPID 733 (Clinical Trials in Epidemiology, P. Menezes and S. Bangdiwala)  
Department of Epidemiology  
Gillings School of Global Public Health  
University of North Carolina at Chapel Hill
- Spring 2012      “Sample Size: Power and Effect Size”  
NURS 958 (Designing Intervention Studies, M. Mishel)  
School of Nursing  
University of North Carolina at Chapel Hill
- Spring 2012      “Sample Size Considerations in Grant Proposals: Power and Precision”  
BIOS 841 (Principles of Statistical Consulting, S. Bangdiwala and R. Dominick)  
Department of Biostatistics  
Gillings School of Global Public Health  
University of North Carolina at Chapel Hill
- Fall 2011      “Analytic Strategies: Quantitative”  
NURS 371 (Introduction to Nursing Research, P. Rowsey)  
School of Nursing  
University of North Carolina at Chapel Hill

- Spring 2011            “Logistic Regression”  
 NURS 777 (Intermediate Statistical Applications in Health Care, S. Brunssen)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2011            “The Concept of Statistical Power”  
 DPOP 872 (Proposal Writing, J. Rao)  
 Eshelman School of Pharmacy  
 University of North Carolina at Chapel Hill
- Spring 2011            “Sample Size: Power and Effect Size”  
 NURS 958 (Designing Intervention Studies, S. Thoyre)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2011            “Sample Size and Power”  
 EPID 733 (Clinical Trials in Epidemiology, P. Menezes and S. Bangdiwala)  
 Department of Epidemiology  
 Gillings School of Global Public Health  
 University of North Carolina at Chapel Hill
- Spring 2011            “Sample Size Considerations in Grant Proposals: Power and Precision”  
 BIOS 841 (Principles of Statistical Consulting, S. Bangdiwala and R. Dominick)  
 Department of Biostatistics  
 Gillings School of Global Public Health  
 University of North Carolina at Chapel Hill
- Fall 2010                “Analytic Strategies: Quantitative”  
 NURS 371 (Introduction to Nursing Research, P. Rowsey and B. Black)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Fall 2010                “Probability, Power, and Effect Size”  
 NURS 976 (Advanced Issues in Sampling and Design for Nursing Research, D. Havens)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2010            “Logistic Regression”  
 NURS 777 (Intermediate Statistical Applications in Health Care, S. Brunssen)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2010            “Design Considerations: Sample Size and Power”  
 EPID 733 (Clinical Trials in Epidemiology, P. Menezes and S. Bangdiwala)  
 Department of Epidemiology  
 Gillings School of Global Public Health  
 University of North Carolina at Chapel Hill
- Spring 2010            “Power and Effect Size”  
 NURS 958 (Designing Intervention Studies, S. Thoyre)  
 School of Nursing  
 University of North Carolina at Chapel Hill
- Spring 2010            “Sampling”



	NURS 371 (Introduction to Nursing Research, B. Black) School of Nursing University of North Carolina at Chapel Hill
Spring 2010	“Basic Statistics” NURS 371 (Introduction to Nursing Research, B. Black) School of Nursing University of North Carolina at Chapel Hill
Fall 2009	“Probability, Power, and Effect Size” NURS 976 (Advanced Issues in Sampling and Design for Nursing Research, D. Havens) School of Nursing University of North Carolina at Chapel Hill
Spring 2009	“Design Considerations: Sample Size and Power” EPID 733 (Clinical Trials in Epidemiology, R. Fletcher and S. Bangdiwala) Department of Epidemiology Gillings School of Global Public Health University of North Carolina at Chapel Hill
Spring 2009	“Power and Effect Size” NURS 958 (Designing Intervention Studies, S. Thoyre) School of Nursing University of North Carolina at Chapel Hill
Fall 2008	“Probability, Power, and Effect Size” NURS 976 (Advanced Issues in Sampling and Design for Nursing Research, D. Havens) School of Nursing University of North Carolina at Chapel Hill
Spring 2008	“Design Considerations: Sample Size and Power” EPID 733 (Clinical Trials in Epidemiology, R. Fletcher and S. Bangdiwala) Department of Epidemiology School of Public Health University of North Carolina at Chapel Hill
Spring 2008	“Power and Effect Size” NURS 958 (Designing Intervention Studies, S. Thoyre) School of Nursing University of North Carolina at Chapel Hill
Spring 2008	“Design and Statistical Issues in Prevention Research” NURS 921 (Theories of Prevention of Chronic Conditions, L. Beeber) School of Nursing University of North Carolina at Chapel Hill
Spring 2008	“Logistic Regression, Odds Ratios, Relative Risk” NURS 775 (Research for Nursing Practice, S. Brunssen) School of Nursing University of North Carolina at Chapel Hill
Fall 2007	“Probability, Power, and Effect Size”

- NURS 976 (Advanced Issues in Sampling and Design for Nursing Research, D. Havens)  
School of Nursing  
University of North Carolina at Chapel Hill
- Spring 2007      “Design Considerations: Sample Size and Power”  
EPID 733 (Clinical Trials in Epidemiology, R. Fletcher and S. Bangdiwala)  
Department of Epidemiology  
School of Public Health  
University of North Carolina at Chapel Hill
- Spring 2007      “Logistic Regression, Odds Ratios, Relative Risk”  
NURS 775 (Research for Nursing Practice, S. Brunssen)  
School of Nursing  
University of North Carolina at Chapel Hill
- Fall 2006      “Probability, Sampling, Power, and Effect Size”  
NURS 976 (Advanced Issues in Sampling and Design for Nursing Research, D. Havens)  
School of Nursing  
University of North Carolina at Chapel Hill
- Fall 2005      “Probability, Sampling, Power, and Effect Size” NURS 376 (Advanced Issues in  
Sampling and Design for Nursing Research, P. Pletsch)  
School of Nursing  
University of North Carolina at Chapel Hill
- Fall 2005      “Analysis Issues”  
NURS 339 (Families and Health Research, B. Germino and M. Van Riper)  
School of Nursing  
University of North Carolina at Chapel Hill

**EXTERNAL SHORT COURSES**

August 2006	Categorical Data Analysis (Co-Lecturer with Professor Gary Koch) Joint Statistical Meetings ( <i>Featured Short Course</i> ) Seattle, WA
August 2002	Categorical Data Analysis (Co-Lecturer with Professor Gary Koch) GlaxoSmithKline Research Triangle Park, NC
August 2001	Categorical Data Analysis (Co-Lecturer with Professor Gary Koch) Quintiles Research Triangle Park, NC
December 2000	Categorical Data Analysis (Co-Lecturer with Professor Gary Koch) Biopharmaceutical Applied Statistics Symposium Hilton Head, SC
September 2000	Nonparametric Methods for Clinical Trials (Co-Lecturer with Professor Gary Koch) Statisticians in the Pharmaceutical Industry (U.K.) Oxford, UK
June 2000	Categorical Data Analysis (Co-Lecturer with Professor Gary Koch) Summer Program in Applied Biostatistics The Ohio State University Columbus, OH
April 2000	Nonparametric Methods for Clinical Trials (Co-Lecturer with Professor Gary Koch) Quintiles Kansas City, MO

## MENTORING EXPERIENCE

### GRADUATE AND POST-GRADUATE STUDENT COMMITTEES

1. Elizabeth Ajazi, MS candidate, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Advisor. (2017-)
2. Christoph Hornik, PhD candidate, Eshelman School of Pharmacy, University of North Carolina at Chapel Hill. Committee member. (2016-)
3. FJ Goodwin, PhD candidate, Department of Exercise and Sport Science, University of North Carolina at Chapel Hill. Committee member. (Advisor: Troy Blackburn) (2016-)
4. Divya Narayanan, Masters student, Department of Epidemiology, Johns Hopkins University, Rheumatology Research Foundation Preceptorship, Secondary Mentor. (Primary Mentor: Rebecca Cleveland) (2016)
5. Karen Sheffield, PhD candidate, School of Nursing, University of North Carolina at Chapel Hill. Committee member. (Advisor: Cheryl Giscombe-Woods) (2014-)
6. John Gotelli, PhD candidate, School of Nursing, University of North Carolina at Chapel Hill. Committee member. (Advisors: Virginia Neelon and Mary Palmer)
7. Celine Marquez, PhD candidate, School of Nursing, University of North Carolina at Chapel Hill. Committee member. (Advisor: Mary Palmer) (2015-)
8. Ya Ke (Grace) Wu, PhD candidate, School of Nursing, University of North Carolina at Chapel Hill. Committee member. (Advisor: Diane Berry) (2015-)
9. Vicky Yeh, PhD candidate, School of Nursing, University of North Carolina at Chapel Hill. Committee member. (Advisor: Gwen Sherwood) (2015-)
10. Yunkyung Chang, MPH candidate, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. Advisor.
11. Laura Zhou, 2016, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. “Treatment Comparisons through Sequence Group Comparisons in Crossover Studies with Time to Event Data.” Reader. (Advisor: Gary Koch)
12. Jumi Lee, 2016, PhD, School of Nursing, University of North Carolina at Chapel Hill. “Staff Nurse Decisional Involvement in South Korea: The Concept, Measurement, and Influence of Nurse Decisional Involvement on Nurse Job Satisfaction, Organizational Commitment, and Turnover Intention.” Committee member. (Advisor: Donna Havens)
13. Craig McGowan, 2016, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. “Respiratory Symptoms, Eye Irritation, and Potential Dispersant Exposure in the GuLF STUDY.” Co-Advisor, with Dr. Dale Sanders (National Institutes of Health/National Institute of Environmental Health Sciences).
14. Xiaoming (Sophie) Gao, 2016, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. “GEEORD: A SAS Macro for Analyzing Ordinal Response Variables with Repeated Measures through Partial Proportional Odds Models.” Advisor.
15. Derek Marsh, 2016, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. “Extending McNemar’s Test for Cluster-Randomized Trials.” Reader. (Advisor: Feng-Chang Lin)
16. Carlos R. Meléndez Román, 2016, PhD, Educational Psychology, Measurement and Evaluation Program [Quantitative Methods (Statistics) Concentration; Biostatistics Minor], School of Education, University of North Carolina at Chapel Hill. “A Monte Carlo Study of Several Different Approaches to the Behrens–Fisher Problem.” Committee member (Minor Program representative). (Advisor: William Ware)
17. Yue Shan, 2016, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. “Type I Error and Power for Comparisons of Two Randomized Groups for Correlated Binary Outcomes with Methods for Generalized Estimating Equations (GEE) and Nonparametric Analysis of Covariance (NParCov).” Reader. (Advisor: Gary Koch)
18. Courtney Caiola, Post-Doctoral Fellow, School of Nursing, University of North Carolina at Chapel Hill. Co-Mentor. (Co-Mentor: Shawn Kneipp) (2015-2016)

19. Ananta Bangdiwala, 2015, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Power and Type I Error Rates for Three Closed Testing Procedures to Compare Three Doses to Placebo." Reader. (Advisor: Gary Koch)
20. Laura Elizabeth Wiener, 2014, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Performance of Alternative Methods for Pairwise Group Comparisons in a Multi-Group Setting for Percentages of a Whole." Reader. (Advisor: Gary Koch)
21. Natnaree Aimyong, 2014, DrPH, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Propensity Score Methods for Competing Risks." Committee member. (Advisor: Jason Fine)
22. Carolyn Huffman, 2014, PhD, School of Nursing, University of North Carolina at Chapel Hill. "The Meaning of Miscarriage: Measurement, Reproductive Factors and Trajectory in Couple Dyads." Committee member. (Advisor: Kristen Swanson)
23. Benjamas Suksatit, 2014, PhD, School of Nursing, University of North Carolina at Chapel Hill. "Sleep in Community-Dwelling Older Adults: Issues of Measurement." Committee member. (Advisor: Barbara Carlson/Virginia Neelon)
24. Qingyao Zheng, 2014, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Evaluation of Type I Error and Power for Some Criteria for Addressing All Patients or a Specified Subgroup for the Comparison of Two Treatments." Reader. (Advisor: Gary Koch)
25. Megan Kincade, 2013, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Type One Error and Power for Two Closed Testing Procedures for an Adaptive Clinical Trial with Two Doses and Placebo." Reader. (Advisor: Gary Koch)
26. JaHyun Kang, 2012, PhD, School of Nursing, University of North Carolina at Chapel Hill. "Prevention of Healthcare-Associated Infections in U.S. Hospital Settings." Committee member. (Advisor: Barbara Mark)
27. Patrick Smith, 2012, MPH, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Psychosocial and Cognitive Predictors of Mortality Following Lung Transplantation." Co-Advisor. (With Co-Advisor Gary Koch)
28. Dawn Phillips, 2012, PhD, Division of Physical Therapy, Department of Allied Health Sciences, School of Medicine, University of North Carolina at Chapel Hill. "Concurrent Validity and Responsiveness of the Peabody Developmental Motor Scales - 2 in Infants and Children with Pompe Disease undergoing Enzyme Replacement Therapy." Committee member. (Advisor: Angela Rosenberg)
29. Siying Li, 2012, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "A Multistage Non-inferiority Study Analysis Plan to Evaluate Successively More Stringent Criteria for a Clinical Trial with Rare Events." Reader. (Advisor: Gary Koch) *Winner of 2013 UNC Department of Biostatistics Best Master's Paper Award.*
30. YunKyung Chang, 2011, Post-Doctoral Fellow, School of Nursing, University of North Carolina at Chapel Hill. Advisory Committee member and Mentor. (Advisor: Barbara Mark)
31. Jason Coarse, 2011, MS, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Power Simulation for a Crossover Thorough QT Study." Reader. (Advisor: Gary Koch)
32. Leslie Davis, 2011, PhD, School of Nursing, University of North Carolina at Chapel Hill. "Uncertainty as a Precursor to Delay in Seeking Care for Women Experiencing Symptoms of Acute Coronary Syndromes." Committee member. (Advisor: Merle Mishel)
33. Jo Dowell, 2011, PhD, School of Nursing, University of North Carolina at Chapel Hill. "Determining Intervention Fidelity from Chronological Field Notes." Committee member. (Advisor: Linda Beeber)
34. Lauren Abbate, 2009, PhD, Department of Epidemiology, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Understanding the Relationships Between Body Weight, Its Distribution, and Changes over Time with the Onset and Progression of Radiographic Knee Osteoarthritis." Committee member. (Advisor: June Stevens)
35. Brigit Carter, 2009, PhD, School of Nursing, University of North Carolina at Chapel Hill. "Identification of Risk Factors for Necrotizing Enterocolitis in Preterm Infants: How Race, Gender, and Maternal Health Status Contribute." Committee member. (Advisor: Diane Holditch-Davis)
36. Lung-Chang Chien, 2009, DrPH, Department of Biostatistics, Gillings School of Global Public Health, University of North Carolina at Chapel Hill. "Multi-City Time Series Analyses of Air Pollution and

- Mortality Data Using Generalized Geoadditve Mixed Models.” Committee member. (Advisor: Shrikant Bangdiwala)
37. John Kairalla, 2007, PhD, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “An Internal Pilot Study with Interim Analysis for Gaussian Linear Models.” Committee member. (Advisor: Keith Muller)
  38. June Cho, 2007, Post-Doctoral Fellow, School of Nursing, University of North Carolina at Chapel Hill. Advisory Committee member. (Advisor: Virginia Neelon)
  39. Yiyun Tang, 2007, MS, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “Performance of Some Proof of Concept Decision Rules for Multiple Response Variables in a Multi-Dose Clinical Trial.” Reader. (Advisor: Gary Koch)
  40. Se Hee Kim, 2007, MS, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “Optimal Allocation to Find the Lowest Dose on the Plateau of a Dose-Response Curve.” Reader. (Advisor: Anastasia Ivanova)
  41. Yufan Zhao, 2007, MS, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “Dose Finding for Umbrella Dose-Response.” Reader. (Advisor: Anastasia Ivanova)
  42. Robin Knobel, 2006, PhD, School of Nursing, University of North Carolina at Chapel Hill. “Physiological Effects of Thermoregulation in Transitional Extremely Low Birthweight Infants.” Committee member. (Advisor: Diane Holditch-Davis)
  43. Brian Armstrong, 2006, MPH, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “Analysis of a Clustered Longitudinal Study of Arthritis Interventions.” Advisor.
  44. Shenghua Mao, 2006, MS, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “An Adaptive Treatment Assignment Design for Dose Selection with Application to Headache Trials.” Reader. (Advisor: Anastasia Ivanova)
  45. Tomoharu Matsukura, 2006, MPH, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “Study Design and Sample Size to Compare Two Combination Drugs to Their Components and Placebo.” Reader. (Advisor: Gary Koch)
  46. Erica Wilmoth, 2005, MS, Department of Biostatistics, School of Public Health, University of North Carolina at Chapel Hill. “An Application of Resampling Methods to Multiple Endpoints for the Comparison of Two Treatments for a Schizophrenic Disorder.” Committee member (Reader). (Advisor: Gary Koch)
  47. Beth Black, 2005, PhD, School of Nursing, University of North Carolina at Chapel Hill. “Maternal-Preterm Infant Interaction Subsequent to High-Risk Pregnancy.” Committee member. (Advisor: Diane Holditch-Davis)
  48. Piper Merrill, 2003, MSN, School of Nursing, University of North Carolina at Chapel Hill. “Factors Related To The Incidence And Onset Of Asthma And Rehospitalization In The First 18 Months Of Life In Premature Infants.” Committee member. (Advisor: Diane Holditch-Davis)
  49. LaTonya Sanders, 2003, MSN, School of Nursing, University of North Carolina at Chapel Hill. “Factors Related To The Incidence And Onset Of Asthma And Rehospitalization In The First 18 Months Of Life In Premature Infants.” Committee member. (Advisor: Diane Holditch-Davis)
  50. Lorna Bell-Kotwall, 2003, PhD, School of Nursing, University of North Carolina at Chapel Hill. “Factors that Predict Change in Urinary Incontinence in Older Rural Women.” Committee member. (Advisor: Molly Dougherty)

**MENTORING OF GRADUATE STUDENT IN TEACHING ASSISTANT ROLE**

1. Celine Marquez, 2015, Future Faculty Fellowship Program, Center for Faculty Excellence, the University of North Carolina at Chapel Hill

**UNDERGRADUATE STUDENT HONORS ADVISEES AND COMMITTEES**

1. Laura Zhou, 2014, BSPH, Department of Biostatistics, Gillings School of Global Public Health, the University of North Carolina at Chapel Hill. "Some Statistical Considerations for Comparisons between Groups for Counts of Events during At-risk Time Periods." Reader. (Advisor: Gary Koch).
2. Laura Elizabeth Wiener, 2012, BSPH, Department of Biostatistics, Gillings School of Global Public Health, the University of North Carolina at Chapel Hill. "Investigating New Methods to Provide Robust Confidence Intervals for Differences in Proportions in Settings with Small Counts." Co-Advisor (with Co-Advisor Gary Koch).
3. Jenny Yang, 2011, BSPH, Department of Biostatistics, Gillings School of Global Public Health, the University of North Carolina at Chapel Hill. "A Comparison of Depression Symptomatology Instruments." Advisor.
4. Joseph Rigdon, 2008, BSPH, Department of Biostatistics, School of Public Health, the University of North Carolina at Chapel Hill. "The NBA Draft: Order Matters." Reader. (Advisor: Lawrence Kupper)

**SUPERVISION OF GRADUATE STUDENT STATISTICAL CONSULTING PROJECTS (BIOS 342/842)**

1. Laura Elizabeth Wiener (Summer/Fall 2015)
2. Krishna Chotneeru (Spring 2013)
3. YunKyung Chang (Fall 2012)
4. Natnaree Aimyong (Spring 2012)
5. Polina Kukhareva (Spring 2012)
6. Patrick Smith (Spring 2012 – Co-advised with Professor Gary Koch)
7. Xiaoshan Wang (Spring 2011 – Co-advised with Professor Gary Koch)
8. Carlos Rafael Melendez Roman (Spring 2008)
9. Margaret Hall (Spring 2005)
10. Sola Park (Spring 2003)
11. Guoqing Diao (Fall 2002)
12. Lisa Moorehead (Spring 2002)

## RESEARCH SUPPORT

### RESEARCH GRANT COLLABORATIONS

1. Loeser, Jr. RF, Lund PK, Azcarate-Peril MA, Sartor RB, Schwartz TA, Ting JP. *The Role of the Microbiome in Osteoarthritis*. Phase I Translational Team Science Award (TTSA), University of North Carolina at Chapel Hill School of Medicine and the North Carolina Translational & Clinical Sciences Institute (NC TraCS).
2. Toles NC TraCS Connect-Home: Transitional Care in Skilled Nursing Facilities. Co-Investigator
3. Kneipp NC TraCS
4. Kneipp S, et al. *Modeling Criminal History Effects on Women's Health*. National Institute of Nursing Research, National Institutes of Health, 2014-2016. 1 R21 MD009563-01A1. Co-Investigator.
5. Sherwood A, et al. *Depression and Heart Failure Disease Program*. National Institute of Heart, Lung, and Blood, National Institutes of Health, 2014-2019. 1 R01 HL121708-01A1. Biostatistician (UNC Subcontract from Duke University).
6. Allen K, et al. *Physical Therapy vs. Internet-Based Exercise Training for Patients with Knee Osteoarthritis*. Patient Centered Outcomes Research Institute, 2014-2017. 1306-02043. ?.
7. Jordan J, Callahan L, DeVellis R, Golightly Y, Hales D, Marshall S, Nelson A, Padua D, Renner J, Rini C, **Schwartz T**, Ward D. *NIAMS Multidisciplinary Clinical Research Center*. National Institute of Arthritis & Musculoskeletal & Skin Diseases, National Institutes of Health, 2013-2018. P60 AR064166-01. Co-Investigator. Principal Investigator and Co-Director of Methodology Core.
8. Callahan L, Cleveland B, Jordan J, Renner J, **Schwartz T**. *Mortality in a Community Sample of Adults with Arthritis*. National Institute of Arthritis & Musculoskeletal & Skin Diseases, National Institutes of Health, 2013-2017. 1 R01 AR065937-01. Co-Investigator.
9. Beeber L, Meltzer-Brody S. *A UNC-Community Partnership to Enhance Outcomes for Infants and Toddlers with Suspected Disability who are Enrolled in Early Intervention Services*. The North Carolina Translational and Clinical Sciences (NC TraCS) Institute at The University of North Carolina at Chapel Hill, 2012-2013. Co-Investigator.
10. Nelson AE. *Variations in Hip Morphology: Frequency and Impact on Osteoarthritis Outcomes*. National Institute of Arthritis & Musculoskeletal & Skin Diseases, National Institutes of Health, 2011-2016. K23 AR061406-02. Advisory Panel Member.
11. Berry D, Stuebe A, **Schwartz T**, Verbiest S. *Improving Outcomes for Women with GDM and Their Infants*. National Institute of Diabetes, Digestive, and Kidney Diseases and E. K. Shriver National Institute of Child Health and Human Development, National Institutes of Health, 2012-2014. R21 DK092750-01A1. Co-Investigator.
12. Jordan J, Callahan L, He K, Kalsbeek W, Nelson A, Renner J, **Schwartz T**, Miles L, Patterson C, Woodard J, Savage-Guin S, Capps G, Joyner L, Starling A, Wade N. *The Johnston County OA Project: Arthritis & Disability*. Centers for Disease Control and Prevention, 2011-2016. U01 DP003206-01. Co-Investigator.
13. Mishel M. *Interventions for Preventing and Managing Chronic Illness*. National Institute of Nursing Research, National Institutes of Health, 1996-2016. 2 T32 NR007091-11. Interdisciplinary Faculty.
14. Mark B, Leatt P, Carey T. *Research Training in Health Care Quality and Patient Outcomes*. National Institute of Nursing Research, National Institutes of Health, 2004-2014. T32 NR008856-06. Faculty.
15. Callahan L, Chen JC, DeVellis R, Jordan J, Kaufman J, Meier A, Mielenz T, **Schwartz T**. Also: Callahan L, Chen JC, Jordan J, **Schwartz T**, Myers E, Randolph R, Schoster B, Shreffler J, Miles L, Woodard J. *Individual and Community Social Determinants of Osteoarthritis Outcomes*. National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health, 2008-2013. R01 AR053989. Co-Investigator.
16. Jordan J, Nelson A, Renner J, **Schwartz T**, Gale WP, Shi X. *Prevalence and Incidence of Osteonecrosis (ON) in Prevalent Knee Osteoarthritis (OA)*. Johnson & Johnson Pharmaceutical Research & Development, 2011-2012. Co-Investigator.



17. Jordan J, Renner J, Nelson A, **Schwartz T**, Shi X. *Prevalence and Incidence of Osteonecrosis (ON) in Prevalent Hip Osteoarthritis (OA)*. Johnson & Johnson Pharmaceutical Research & Development, 2011-2012. Co-Investigator.
18. Jordan J, Callahan L, He K, Kalsbeek W, Nelson A, Renner J, **Schwartz T**, Woodard J, Golightly Y, Miles L, Myers E, Savage-Guin S, Capps G, Deese T, Joyner L, Patterson C, Starling A, Wade N. *The Johnston County OA Project: Arthritis & Disability*. Centers for Disease Control and Prevention/Association of Schools of Public Health, 2010-2012. Co-Investigator.
19. Callahan L, Jonas B, **Schwartz T**, Schoster B, Martin K, Randolph R, Shreffler J. Also: Callahan L, Jonas B, **Schwartz T**, Hackney B, Cleveland B, Randolph R. *Social Determinants of Outcomes in African Americans with Rheumatoid Arthritis*. National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health, 2010-2013. R01 AR056717-01A1. Co-Investigator.
20. Beeber L, **Schwartz T**, Lewis G. *The "Wings" Depressive Symptom Intervention for Latina Mothers*. National Institute of Mental Health, National Institutes of Health, 2009-2013. R34 MH086553-01. Co-Investigator and Statistician.
21. Travers D, Haas S, Mostafa J, **Schwartz T**, Waller A. *Adapting Natural Language Processing Tools for Biosurveillance*. National Library of Medicine, National Institutes of Health, 2009-2012. G08 LM009787-01A1. Statistical Investigator.
22. Berry D, Ammerman A, McMurray R, **Schwartz T**, Skelly A. *Children and Parents Partnering Together to Manage Their Weight*. National Institute of Nursing Research, National Institutes of Health, 2007-2012. R01 NR010254. Co-Investigator and Statistician.
23. Hodges E. UNC Clinical Nutrition Research Center/Nutrition Obesity Research Center. Supported by National Institutes of Health Grant. DK056350. Statistician.
24. Hodges E. *Comparison of Patterns of Maternal Feeding Responsiveness and Infant Growth from Infancy into Toddlerhood*. Junior Faculty Development Award, University of North Carolina at Chapel Hill, 2010-2011. Statistician.
25. Talameh J, Patterson JH, Adams KF, McLeod H, Hoskins J, **Schwartz T**. *Association of Genetic Polymorphisms in the Sympathetic Adrenergic and Renin-Angiotensin-Aldosterone Systems with Mortality in Patients with Heart Failure*. NC TraCS (NIH CTSA) TraCS\$10K Pilot, 2010-2011. 10KR51038. Co-Investigator.
26. Jordan JM. *The Johnston County OA Project: Arthritis & Disability*. Centers for Disease Control and Prevention/Association of Schools of Public Health, 2007-2010. S3810-27. Co-Investigator.
27. Holditch-Davis D. *Mother-Administered Interventions for VLBW Infants*. National Institute of Nursing Research, National Institutes of Health, 2005-2010. R01 NR009418-03. (Transferred to Duke University.)
28. Beeber L, Bledsoe S, Perreira K, **Schwartz T**, Lewis V. *Feasibility of Procedures for Screening and Recruitment of Community-Dwelling Mothers*. UNC School of Nursing Faculty Research Opportunity Grant, 2008-2009. Co-Investigator.
29. Beeber L, Holditch-Davis D. **Schwartz T**. *"Alumbrando El Camino/Bright Moments": A Curriculum for Staff Working with EHS Parents with Depressive Symptoms*. Administration for Children and Families, Office of Planning, Research and Evaluations in the Department of Health and Human Services, 2005-2009. 90YF0055/01. Co-Investigator and Statistician.
30. Goepfinger J, Gizlice Z, **Schwartz T**. *Arthritis Self-Management Education – Dose Response*. Centers for Disease Control and Prevention, 2005-2009. Biostatistician.
31. Beeber LS, Canuso R, Holditch-Davis D, Belyea M, **Schwartz T**, Mishel M, Pedersen C, Bryant D, Goldman B. *Reducing Depressive Symptoms in Low-Income Mothers (HILDA)*. National Institute of Mental Health, National Institutes of Health, 2003-2010. R01 MH065524-01A2. Co-Investigator and Statistician.
32. Beeber L, **Schwartz T**. *Xtria E-PIRC Common Dataset Ancillary Study*. Xtria, LLC, Administration for Children and Families, Administration for Children, Youth, and Families, 2007. Statistician.
33. Pletsch P, Melvin C, **Schwartz T**. *A Smoking Resumption-Prevention Intervention for Pregnant and Postpartum Women*. Robert Wood Johnson, 2005-2007. Biostatistician.
34. Goepfinger J, Lorig K. *Mail-Delivered Arthritis Self-Management Education*. Centers for Disease Control and Prevention, 2004-2007. Statistician.
35. Jordan JM, Callahan L, Devellis R, Dooley M, Falk R, Hogan S, Jonas B, Kaufman J, Lewis M, Mielenz T, Patel D, Renner J, **Schwartz T**, Weinberger M, Winfield J. Also: Jordan J, Callahan L, Devellis R,

- Schwartz T, Nel C, McAlister D, Patterson C, Schoster B, Shreffler J. *NIAMS Multidisciplinary Clinical Research Center: Rheumatic Diseases: Methodology Core*. National Institute of Arthritis and Musculoskeletal and Skin Diseases, 2003-2009. 5-P60-AR049465-03. Biostatistician.
36. Beeber LS, Belyea M, Holditch-Davis D, Perreira K, **Schwartz T**. *Early Head Start Latina Mothers: Reducing Depression and Improving Infant/Toddler Mental Health (ALAS)*. Department of Health and Human Services/Administration for Child and Family/ACYF Early Head Start-University Partnership Grant, 2002-2007. 90YF0042/01. Co-Investigator and Statistician.
  37. Thoyre S. *Decreasing the Effect of Variability in a Test of Contingent Feeding of Preterm Infants*. Faculty Research Opportunity Grant, UNC-CH School of Nursing, 2003-2005. Statistician.
  38. Thoyre S. *Contingent Feeding of Preterm Infants to Reduce Hypoxemia*. National Institute of Nursing Research, National Institutes of Health, 2002-2005. 1 KO1 NR07668. Statistician.
  39. Foley BJ, Bingham M, Harvey SS, Jennings B, Kee CC, Minick P, Mitchell PH, **Schwartz T**. *Nursing Processes and Patient Outcomes in U.S. Army Hospitals*. TriService Nursing Research Program, 2002-2004. N02-020. Statistician.
  40. Goeppinger J. *Comparing ASHC and CDSMP Outcomes in Arthritis*. Centers for Disease Control and Prevention/Association of Schools of Public Health, 2002-2004. S2233-22/22. Statistician.
  41. Harrell J, Funk S. *Preventing/Managing Chronic Illness in Vulnerable People*. National Institute of Nursing Research, National Institutes of Health, 1994-2004. P30 NR03962. Statistician.
  42. Cheek D. *Regulation of Vascular Blood Flow by Endothelial Cells*. American Heart Association, 2001-2002. 0060168U. Statistician.
  43. Holditch-Davis D, Scher M, Miles M, **Schwartz T**, Hack M. *Assessment of Biological and Social Risk in Preterm Infants*. National Institute of Nursing Research, National Institutes of Health, 1998-2002. 2 R01 NR01894. Statistician.

**OTHER RESEARCH FUNDING**

1. Adams K, Terrell R, Begum N, Garrand A, **Schwartz T**. *Pre-IDE FDA Submission for GUIDE-IT*. Roche Diagnostics Corporation, 2010-2012. Biostatistician.
2. Adams K, Glotzer J, Begum N, Garrand A, **Schwartz T**. *Pilot Study of the Relationship of Ambient Copeptin on the Aquaretic Effects of Tolvaptan in Patients with Heart Failure*. Otsuka America Pharmaceutical, Inc., 2010-2011. Biostatistician.
3. Adams KF. *NT-Pro BNP Guided Strategy for Managing Patients Discharged after Acute Decompensated Heart Failure*. Roche Diagnostics Corporation, 2008-2010. Biostatistician.
4. Adams, KF. *Heart Study*. CoGenesys Inc., 2007-2010. Biostatistician.
5. Adams, KF. *ASCEND-HF*. Cleveland Clinic Foundation, 2007-2010. Biostatistician.
6. Adams, KF. *TARGET-HR Pilot Study to Assess Change in Exercising Heart Rate as a Dosing Strategy for Beta-Blocker Therapy in Patients with Heart Failure Due to Left Ventricular Systolic Dysfunction*. Astra Merck Inc., 2004-2008. Biostatistician.
7. Adams, KF. *Longitudinal Study of Beta Blocker Utilization in Patients with Heart Failure*. Astra Merck Inc., 2001-2008. Biostatistician.
8. Adams, KF. *A Multi-Center Trial of the Orqis Medical CRS for the Enhanced Treatment of CHF Unresponsive to Medical Therapy*. Orqis Medical, 2005-2007. Biostatistician.
9. Adams, KF. *Follow-up Serial Infusions of Natreacor (Nesiritide) for the Management of Patients with Heart Failure-Fusion II*. Scios, Inc., 2004-2006. Biostatistician.

**SERVICE****JOURNAL REVIEW**

<i>Journal of Biopharmaceutical Statistics</i> (Taylor & Francis)	2017 – present
<i>BMJ Open</i> (BMJ Publishing Group)	2016 - present
<i>BioMed Research International</i> (Hindawi)	2016 - present
<i>Clinical Trials: Journal of the Society for Clinical Trials</i> (Sage)	2015 - present
<i>Studies in Higher Education</i> (Society for Research into Higher Education) (Taylor & Francis)	2015 - present
<i>Statistics in Medicine</i> (Wiley)	2014 - present
<i>Contemporary Clinical Trials</i> (Elsevier)	2014 - present
<i>Journal of Statistics Education</i> (American Statistical Association)	2014 - present
<i>BMC Medical Education</i> (BioMed Central)	2014 - present
<i>Pharmaceutical Statistics</i> (Wiley)	2012 - present
<i>Research in Nursing &amp; Health</i> (Wiley)	2005 - present
<i>BMC Geriatrics</i> (BioMed Central)	2009 - present
<i>Osteoarthritis and Cartilage</i> (OsteoArthritis Research Society International)	2010 - present

**EXTERNAL SERVICE**

- 2017                      Session Chair  
Sponsored by the Teaching Statistics in the Health Sciences  
Section of the American Statistical Association  
Joint Statistical Meetings, Baltimore, MD
- 2016                      Session Chair  
Motivating and Teaching Advanced Biostatistical Topics  
Sponsored by the Teaching Statistics in the Health Sciences  
Section of the American Statistical Association  
Joint Statistical Meetings, Chicago, IL
- 2016                      *FlipItStatistics* Focus Group  
Macmillan Learning
- 2015                      External Reviewer  
Review of Dossier for Promotion to Associate Professor in  
Pharmacy at another university
- 2014 to Present        Statistics in Nursing Listserv (Moderator)  
Electronic Listserv of Biostatisticians/Statisticians Working in  
Schools and Colleges of Nursing across the United States
- 2013 to 2016          Data and Safety Monitoring Board (Member)  
Palliative Care in Heart Failure (PAL-HF) Trial  
Duke Clinical Research Institute  
Duke University

**DEPARTMENTAL SERVICE**

- 2016                      Peer Teaching Review  
Department of Biostatistics  
Gillings School of Global Public Health  
University of North Carolina at Chapel Hill

**STUDENT ORGANIZATION ADVISING**

- 2015 to Present        Every Nation Campus Ministry (Faculty Adviser)  
University of North Carolina at Chapel Hill

**UNIVERSITY COMMITTEE SERVICE**

2016 to Present	Gillings Innovation Laboratory (GIL) Proposal Reviewer Gillings School of Global Public Health University of North Carolina at Chapel Hill
2016 to Present	Nominating Committee (Member) Alumni Association Governing Board Gillings School of Global Public Health University of North Carolina at Chapel Hill
2016 to Present	Awards Committee (Member) Bernard G. Greenberg Alumni Endowment Award Alumni Association Governing Board Gillings School of Global Public Health University of North Carolina at Chapel Hill
2014 to Present	Doctoral Examinations Committee (Associate Chair for applied examination) Applied Examination Subcommittee Department of Biostatistics Gillings School of Global Public Health University of North Carolina at Chapel Hill
2011 to Present	Biostatistics Section (President) Alumni Association Governing Board Gillings School of Global Public Health University of North Carolina at Chapel Hill
2013 to Present	Awards Committee (Member) Harriet Hylton Barr Distinguished Alumni Award Alumni Association Governing Board Gillings School of Global Public Health University of North Carolina at Chapel Hill
2011 to Present	Governing Board (Member) Alumni Association Gillings School of Global Public Health University of North Carolina at Chapel Hill
2011 to Present	Alumni Activities and Social Committee (Chair) Department of Biostatistics Gillings School of Global Public Health University of North Carolina at Chapel Hill
2013 to Present	PhD Admissions Committee (Member) School of Nursing University of North Carolina at Chapel Hill
2014 to Present	Mentoring Committee for Josephine Asafu-Adjei (Member) Department of Biostatistics Gillings School of Global Public Health University of North Carolina at Chapel Hill
2015 to 2016	Open-rank Faculty Search Committee (2 positions) (Member)

	<p>Collaborative Studies Coordinating Center          Department of Biostatistics          University of North Carolina at Chapel Hill</p>
2008 to 2014	<p>Doctoral Examinations Committee (Member)          Applied Exam Subcommittee          Department of Biostatistics          Gillings School of Global Public Health          University of North Carolina at Chapel Hill</p>
2013 to 2014	<p>Research-track Assistant/Associate Professor Search Committee (Member)          Department of Biostatistics          School of Nursing (joint)          University of North Carolina at Chapel Hill</p>
2012	<p>Clinical- or Research-track Assistant Professor Search Committee (Member)          Department of Biostatistics          Carolina Population Center/Department of Nutrition          University of North Carolina at Chapel Hill</p>
2011 to 2013	<p>Alumni Support Committee (Member)          Alumni Association          Gillings School of Global Public Health          University of North Carolina at Chapel Hill</p>
2011	<p>Biostatistics Section of the Alumni Association (President-Elect)          Gillings School of Global Public Health          University of North Carolina at Chapel Hill</p>
2006 to 2013	<p>Doctoral Admissions Committee (Member)          School of Nursing          University of North Carolina at Chapel Hill</p>
2006 to 2011	<p>Alumni Activities and Social Committee (Member)          Department of Biostatistics          Gillings School of Global Public Health          University of North Carolina at Chapel Hill</p>
2008 to 2009	<p>Biostatistics Departmental 60<sup>th</sup> Anniversary Planning Committee (Member)          Gary Koch Festschrift Subcommittee          Department of Biostatistics          Gillings School of Global Public Health          University of North Carolina at Chapel Hill</p>
2007 to 2008	<p>Research-track Assistant Professor Search Committee (Member)          Research Support Center          School of Nursing          University of North Carolina at Chapel Hill</p>
2006 to 2008	<p>Doctoral Examinations Committee (Member)          PhD Part II and DrPH Subcommittee          Department of Biostatistics          School of Public Health          University of North Carolina at Chapel Hill</p>
2006 to 2008	<p>Ad Hoc Committee for MSN Statistics/Research Course Revision (Member)</p>

	Master's Executive Committee School of Nursing University of North Carolina at Chapel Hill
2006	Research-track Assistant Professor Search Committee (Member) Department of Biostatistics School of Public Health and Center for Health Promotion and Disease Prevention University of North Carolina at Chapel Hill
2001 to 2006	Alumni Activities and Placement Committee (Member) Department of Biostatistics School of Public Health University of North Carolina at Chapel Hill
1998 to 1999	Tenure-track Assistant Professor Search Committee (Student member) Department of Biostatistics School of Public Health University of North Carolina at Chapel Hill