

Thomas P. McCoy
CURRICULUM VITAE

(Last updated December 30, 2023)

UNCG School of Nursing,
Nursing and Instructional Building
PO Box 26170
Greensboro, NC 27402-6170

JOB TITLE: Statistician, Clinical Professor

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ACCREDITATION: Accredited Professional Statistician™ (PStat®)
by The American Statistical Association
for the period 1/1/2023 through 12/31/2028
(5-year Re-accreditation awarded on 03/09/2023)

EDUCATION:

1997 – 2001 BS, Applied Mathematics (1st),
Industrial and Engineering Management (2nd)
The University of North Carolina at Asheville
Asheville, North Carolina
Awarded July 17, 2001

2002 – 2004 MS, Mathematical Sciences (Statistics Concentration)
Clemson University
Clemson, South Carolina
Awarded May 7, 2004

2011 – 2015 PhD, Educational Research, Measurement & Evaluation
Department of Educational Research Methodology
The University of North Carolina at Greensboro
Greensboro, North Carolina
Awarded August 7, 2015
Dissertation Title: “The Effects of Mixture-Induced Local Dependence on Diagnostic Classification”, directed by
Dr. John T. Willse, PsyD

SOFTWARE EXPERIENCE:

SAS	R	STATA	Mplus	SPSS
SUDAAN	AMOS	LISREL	GLLAMM	SYSTAT
nQuery	G*Power	Excel	Access	UNIX
IRTPRO	WinSteps	DIFAS	NOHARM	RAGE-EQUATE
Python (NumPy, Matplotlib, Pandas)		JASP	Statdisk	Tableau

EMPLOYMENT:

June 2004 to January 2011

Biostatistician III
Division of Public Health Sciences
Department of Biostatistical Sciences
Wake Forest University School of Medicine
Winston-Salem, North Carolina

- Assigned to multiple projects to provide biostatistical support including for: Comprehensive Cancer Center of WFUBMC, D.O.D. Breast Cancer study, HIV prevention in Latinos, Study to Prevent Alcohol Related Consequences (SPARC), and NIAAA Rapid Response.
- Perform statistical analysis and present results for studies and trials.
- Write Statistical Methods and Results sections of manuscripts for publication, along with their Tables and Figures.
- Write statistical analysis plans and perform randomization and sample size/power calculations for protocols, studies, and grant proposals.
- Review cancer-related study proposals and provide written feedback of study design.
- Provide support for Senior Biostatisticians, Faculty, and Investigators.
- Work with and/or mentor other Biostatisticians on study related issues or needs.

EMPLOYMENT (Continued):

March 2011 to July 2011 Biostatistician
Rho, Inc.
Chapel Hill, NC

- Developed and drafted statistical methods sections or statistical analysis plans for proposed research protocols
- Developed and drafted summary table, figure, listing specifications for proposed research protocols
- Planned and specified the structure of analysis data sets (including CDISC ADaM compliant)
- Conducted planned and exploratory statistical analyses using a variety of statistical software programs
- Participated in the interpretation of the results of planned and exploratory statistical analyses using written, oral, and graphic methods, as appropriate to the audience
- Prepared statistical reports and displays for client projects, for presentation at meetings or conferences, and for publication in regulatory documents or professional journals
- Developed new statistical methods or applications

August 2011 to Present Statistician, Clinical Professor
School of Nursing
UNC Greensboro
Greensboro, NC

- Teaches graduate statistics courses within the School
- Provides statistical consultation in research design, analysis, and grant writing for faculty research projects
- Serves as a statistical resource for graduate nursing student theses and dissertations
- Participates in evaluation of instruction in statistical analysis software for the School and University

HONORS AND AWARDS:

2001 Mathematics Achievement Award for 2000-2001
Department of Mathematics
University of North Carolina at Asheville

2002 Academic Excellence in Industrial & Engineering Management
Department of Management & Accountancy Award
University of North Carolina at Asheville

2004 Clint Miller Outstanding Poster Presentation Award
2004 Southern Regional Council on Statistics (SRCOS)
Blacksburg, Virginia.

2006 Emergency Medicine Faculty Prize
for Collaboration of Poster Presentation
Society of Academic Emergency Medicine
Southeastern Regional Conference

2007 Best Poster Presentation
Fifteenth Annual Congress on Women's Health
Hilton Head, South Carolina

2014 2013-14 Graduate Research Scholar Award
Educational Research Methodology, School of Education
University of North Carolina at Greensboro

2016 Teaching Excellence Award
(5/5/2016) School of Nursing
University of North Carolina at Greensboro

2019 First Place Poster Presentation
North Carolina Organization for Nurse Leaders Conference
Greensboro, North Carolina

2020 Second Place Poster Presentation
Preventive Cardiovascular Nurses Association
2020 Annual Cardiovascular Nursing Symposium
Virtual Meeting due to COVID-19 Pandemic

2021 Best Research Poster
North Carolina Organization of Nurse Leaders (NCONL)
2021 Annual Conference
October 27 - October 29, 2021

2022 Best Research Poster
North Carolina Organization of Nurse Leaders (NCONL)
2022 Annual Conference
April 27 – April 29, 2022

2023 Dean Robin Remsburg Habit of Excellence Award
School of Nursing, UNC Greensboro
April 19, 2023

PROFESSIONAL TRAINING:

- “Fitting Poisson Regression Models Using the GENMOD Procedure.” SAS course, SAS Institute. Taken December 8th, 2004; Awarded 0.3 CEU.
- “GEE models using the GENMOD Procedure.” SAS course, SAS Institute. Taken May 11th, 2005; Awarded 0.3 CEU.
- “Fitting and Analyzing Generalized Linear Mixed Models with the S+ Correlated Data Library.” S-plus webcast, Insightful Corporation. Taken May 19th, 2005.
- “Fitting Generalized Linear Mixed Models and Nonlinear Mixed Models Using the SAS System.” SAS web course, SAS Institute. Taken April 25th-27th, 2006: Awarded 1.05 CEU.
- “Introduction to Structural Equation Modeling.” SAS web course, SAS Institute. Taken July 12th, 2007: Awarded 0.35 CEU.
- “SAS Programming 1: Essentials.” SAS eCourse, SAS Institute. Completed May 18, 2014.
- “SAS Macro Language 1: Essentials.” SAS eCourse, SAS Institute. Completed May 18, 2014.
- “Latent Class Analysis.” UNCG Workshop in HDFS Department. Taken August 6-7, 2014.
- “Mediation and Moderation.” UNCG Workshop in HDFS Department. Taken May 9, 2016.
- “Modeling Predictors and Distal Outcomes in Latent Class Analysis.” UNCG Workshop in HDFS Department. Taken May 10, 2016.
- “Longitudinal SEM using Mplus.” UNCG Workshop in HDFS Department. Taken May 11, 2016.
- “Multilevel Modeling with Mplus.” UNCG Workshop in HDFS Department. Taken May 12, 2016.
- “Variable Selection in Low and High-dimensional Data Analysis.” Quantitative Methodology Series in the Department of Mathematics and Statistics at UNCG. Taken May 16, 2016.
- “Construction of Weights in Surveys.” Continuing education taken at the Joint Statistical Meetings of the American Statistical Association on August 1, 2017.
- “Analyzing Multilevel Models with the GLIMMIX Procedure.” Continuing education taken at the Joint Statistical Meetings of the American Statistical Association on August 2, 2017.
- “Improve your Regression with Modern Regression Analyses.” Continuing education taken at the Joint Statistical Meetings of the American Statistical Association on August 2, 2017.
- “Advanced Methods for Survival Analysis using SAS/STAT Software.” Continuing education taken at the Joint Statistical Meetings of the American Statistical Association on August 2, 2017.
- “Weighted GEE Analysis using SAS/STAT Software.” Continuing education taken at the Joint Statistical Meetings of the American Statistical Association on August 2, 2017.
- “Introduction to Python.” Continuing education taken through the Emeritus Institute and completed on July 19, 2019.
- “Intermediate Python for Data Science.” Continuing education taken through the Emeritus Institute and completed on August 14, 2019.

PROFESSIONAL TRAINING (Continued):

- “Beginner HTML.” Continuing education taken through the Digital Media Commons at UNCG and completed on June 30, 2020.
- “Asynchronous Online Discussions.” Continuing education taken with ITS Learning Technology Consultants at UNCG and completed on July 24, 2020.
- “An Introduction to R for Non-Programmers.” Continuing education taken by virtual workshop of the American Statistical Association on September 7-9, 2021.
- “Making Inferences from Non-probability Samples through Data Integration.” Continuing education taken by virtual workshop of the American Statistical Association on September 28, 2021.
- “Machine Learning Foundations: A Hands-on Introduction.” Continuing education taken by virtual workshop of the American Statistical Association on October 5-7, 2021.
- “Sample Size Planning in *Mplus*.” Continuing education taken by virtual short course by QuantFish. Completed March 15, 2022.
- “Missing Data Analysis with *Mplus*.” Continuing education taken by virtual short course by QuantFish. Completed March 21, 2022.
- “Recent Advances in Modeling Short and Long Longitudinal Data” delivered by Dr. Bengt Muthén for the ASA Mental Health Statistics Sponsored Webinar/Workshop on May 24, 2022 (by ticket only).
- “Introduction to Multilevel Modeling with R.” Continuing education taken by virtual short course by QuantFish. Completed June 23, 2022.
- “*lavaan* for Beginners.” Continuing education taken by virtual short course by QuantFish. Completed July 24, 2022.

JOURNAL ARTICLES (All publications are data-based):

1. **McCoy, T.**, Yearout, R., Patch, S. (2004). Misrepresenting Quality Data Through Incorrect Statistical Applications: A Statistical Quality Control (SQC) Case Study. *International Journal of Industrial Engineering*, 11(1), 66-73.
2. Blackstock, W., Bogart, J. A., Matthews, C., Lovato, J. F., **McCoy, T. P.**, Ho, C., Richards, F., Atkins, J. N., Miller, A. A. (2005). Split-Course versus Continuous Thoracic Radiotherapy (TRT) for Limited Stage Small Cell Lung Cancer (LS-SCLC): a randomized phase III Trial. *Clin Lung Cancer*, 6(5), 287-92. [PMID: 15845179].
3. Xu, M., Nelson, G. B., Moore, J. E., **McCoy, T. P.**, Dai, J., Manderville, R. A., Ross, J. A., Miller, M. S. (2005). Induction of *Cyp1a1* and *Cyp1b1* and Formation of DNA Adducts in C57BL/6, Balb/c, and F1 Mice Following *in utero* Exposure to 3-Methylcholanthrene. *Toxicol Appl Pharmacol*, 209(1), 28-38. [PMID: 15885734].
4. Dew, J., Hansen, K., Hammon, J., **McCoy, T.**, Levine, E. A., Shen, P. (2005). Leiomyosarcoma of the Inferior Vena Cava: Surgical Management and Clinical Results. *Am Surg*, 71(6), 497-501. [PMID: 16044929].
5. Rhodes, T. L., **McCoy, T. P.**, Higdon III, H. L., Boone, W. R. (2005). Factors Affecting Assisted Reproduction Technology (ART) Pregnancy Rates: A Multivariate Analysis. *J Assist Reprod Gene*, 22(9-10), 335-46. [PMID: 16247715].
6. Zvara, D. A., Bryant, A., Veal, M., Dull, B., Hillegass, G., **McCoy, T. P.**, Kon, N. D. (2006). The Degree of Atherosclerosis in the Descending Aorta does not Predict Poor In-Hospital Outcome after Surgery Requiring Cardiopulmonary Bypass. *J Cardiothorac Vasc Anesth*, 20(2), 149-55. [PMID: 16616652].
7. O'Brien, M. C., **McCoy, T. P.**, Champion, H., Mitra, A., Robbins, A., Teuschler, H., Wolfson, M., DuRant, R. H. (2006). Single Question about Drunkenness to Detect At-Risk College Students for Injury. *Acad Emerg Med*, 13(6), 629-36. [PMID: 16614453].
8. Jennings-Gee, J. E., Moore, J. E., Xu, M., Dance, S. T., Kock, N. D., **McCoy, T. P.**, Carr, J. J., Miller, M. S. (2006). Strain-Specific Induction of Murine Lung Tumors Following *In Utero* Exposure to 3-Methylcholanthrene. *Mol Carcinog*, 45(9), 676-84. [PMID: 16652375].
9. Xu, M., Moore, J. E., Leone-Kabler, S., **McCoy, T. P.**, Swank, A., Nelson, G. B., Ross, J. A., Townsend, A. J., Miller, M. S. (2006). Expression of Glutathione S-transferases in Fetal Lung and Liver Tissue from Parental Strains and F1 Crosses between C57BL/6 and BALB/c F1 Mice Following *In Utero* Exposure to 3-Methylcholanthrene. *Biochem Pharmacol*, 72(1), 115-23. [PMID: 16678797].
10. Levy, P. J., Jackson, S. A., **McCoy, T. P.**, Ferrario, C. M. (2006). Clinical characteristics of patients with premature lower extremity atherosclerosis associated with familial early cardiovascular disease and/or cancer. *Int Angiol*, 25(3), 304-9. [PMID: 16878081].
11. Rhodes, S. D., **McCoy, T.**, Omli, M., DuRant, R. H. (2007). Exploring the Heath Behavior Disparities of Gay Men: Comparing Gay Male University Students to Their Heterosexual Peers. *J LGBT Health Res*, 3(1), 15-23. [PMID: 18029312].

JOURNAL ARTICLES (CONTINUED):

12. O'Brien, M. C., Champion, H., D'Agostino Jr., R. B., Martin, B. A., **McCoy, T. P.**, Wolfson, M., DuRant, R. H. (2006). How Ready are Colleges for an Environmental Approach that Utilized Campus/Community Coalitions? *Int Q Community Health Educ*, 25(3), 295-305. [PMID: 17686749].
13. Kim, P. K., Ellis, T. L., Sieber, V. W., McMullen, K. P., Shaw, E. G., **McCoy, T. P.**, D'Agostino Jr., R. B., Bourland, J. D., DeGuzman, A., Ekstrand, K., Raber, M. R., Tatter, S. B. (2006). Gamma Knife Stereotactic Radiosurgery to the Resection Cavity of Brain Metastases That Have Progression After Whole Brain Radiotherapy. *J Neurosurg (Suppl)*, 105, 75-78.
14. Wood, C. E., Clarkson, T. B., Appt, S. E., Franke, A. A., Boue, S. M., Burow, M. E., **McCoy, T.**, Cline, J. M. (2006). Effects of Soybean Glyceollins and Estradiol in Postmenopausal Female Monkeys. *Nutr Cancer*, 56(1), 74-81. [PMID: 17176220].
15. Paskett, E. D., Naughton, M. J., **McCoy, T. P.**, Case, L. D., Abbott, J. M. (2007). The Epidemiology of Arm and Hand Swelling in Premenopausal Breast Cancer Survivors. *Cancer Epidemiol Biomarkers Prev*, 16(4), 775-82. [PMID: 17416770].
16. DuRant, R. H., Champion, H., Wolfson, M., Omli, M. R., Robbins, A., **McCoy, T.**, D'Agostino Jr., R. B., Wagoner, K., Mitra, A. (2007). Date Fighting Experiences Among College Students: Are They Associated With Other Health Risk Behaviors? *J Am Coll Health*, 55(5), 291-6. [PMID: 17396402].
17. Miller Jr, D. P., Brownlee, C. D., **McCoy, T. P.**, Pignone, M. P. (2007). The Effect of Health Literacy on Knowledge and Receipt of Colorectal Cancer Screening: A Survey Study. *BMC Fam Pract*, 8(16). [PMID: 17394668].
18. Perry, D. L., Spedick, J. M., **McCoy, T. P.**, Adams, M. R., Franke, A. A., Cline, J. M. (2007). Dietary Soy Proteins Containing Isoflavonoids Does Not Adversely Affect the Reproductive Tract of Male Cynomolgus Macaques (*Macaca fascicularis*). *J Nutr*, 137(6), 1390-4. [PMID: 17513396].
19. DuRant, R. H., **McCoy, T. P.**, Champion, H., Parries, M. T., Mitra, A., Martin, B. A., Newman, J., Rhodes, S. D. (2008). Party Behaviors and Characteristics and Serial Drunkenness Among College Students. *J Stud Alcohol Drugs*, 69(1), 91-9. [PMID: 18080069].
20. O'Brien, M. C., **McCoy, T. P.**, Rhodes, S. D., Wagoner, A., Wolfson, M. (2008). Caffeinated Cocktails: Energy Drink Consumption, High-Risk Drinking and Alcohol-Related Consequences Among College Students. *Acad Emerg Med*, 15(5), 453-60 [PMID: 18439201].
21. Martin, B. A., **McCoy, T. P.**, Champion, H., Parries, M. T., DuRant, R. H., Mitra, A., Rhodes, S. D. (2009). The Role of Monthly Spending Money in College Student Drinking Behaviors and their Consequences. *J Am Coll Health*, 57(6), 587-96. [PMID: 19433396].
22. Thompson, M. P., Spitler, H., **McCoy, T. P.**, Cronin, L., Sutfin, E. L., Rhodes, S. D., Brown, C. (2009). The Moderating Role of Gender in the Prospective Associations Between Expectancies and Alcohol-Related Negative Consequences Among College Students. *Subst Use Misuse*, 44(7), 934-42. [PMID: 19938937].

JOURNAL ARTICLES (CONTINUED):

23. Knovich, M. A., Lawson, H. L., Burke, M. H., **McCoy, T. P.**, Owen, J. (2008). Rapid quantitative assay of ADAMTS13 activity on an automated coagulation analyzer: Clinical applications and comparison with immunoblot method. *Am J Hematol*, 83(8), 654-6. [PMID: 18528825].
24. Sutfin, E. L., Sims, L., Wagoner, K., **McCoy, T. P.**, Thompson, M. P., Rhodes, S. D., Spitler, H. (2009). Protective behaviors and high-risk drinking among entering college freshmen. *Am J Health Behavior*, 33(5), 610-9. [PMID: 19296751].
25. Sutfin, E. L., Reboussin, B. A., **McCoy, T. P.**, Wolfson, M. (2009). Are college student smokers really a homogeneous group?: A latent class analysis of college student smokers. *Nicotine Tob Res*, 11(4), 444-54. [PMID: 19264866].
26. Bookstaver, P. B., Johnson, J. W., Stewart, D., **McCoy, T.**, Williamson, J. C. (2008). The modification of diet in renal disease versus Cockcroft-Gault formula in predicting aminoglycoside elimination. *Ann Pharmacother*, 42(12), 1758-65. [PMID: 19047358].
27. Schaus, J. F., Sole, M. L., **McCoy, T. P.**, Mullett, N., Bolden, J., Sivasithamparam, J., O'Brien, M. C. (2008). Screening for High-Risk Drinking in a College Student Health Center: Characterizing Students Based on Quantity, Frequency, and Harms. *J Stud Alcohol Drugs, Suppl*(16), 34-44. [PMID: 19538911].
28. Schaus, J. F., Sole, M. L., **McCoy, T. P.**, Mullett, N., O'Brien, M. C. (2009). Alcohol Screening and Brief Intervention in a College Student Health Center: A Randomized Controlled Trial. *J Stud Alcohol Drugs, Suppl*(16), 131-41. [PMID: 19538921].
29. Varban, O., Levine, E. A., Stewart, J. H., **McCoy, T. P.**, Shen, P. (2009). Outcomes Associated with Cytoreductive Surgery and Intraperitoneal Hyperthermic Chemotherapy for Colorectal Cancer Patients with Peritoneal Surface Disease and Hepatic Metastases. *CANCER*, 115(15), 3427-36. [PMID: 19499577].
30. Giles, S. M., Champion, H., Sutfin, E. L., **McCoy, T. P.**, Wagoner, K. G. (2009). Calorie Restriction on Drinking Days: An Examination of Drinking Consequences Among College Students. *J Am Coll Health*, 57(6), 603-609. [PMID: 19433398].
31. **McCoy, T. P.**, Ip, E. H., Blocker, J. N., Champion, H., Rhodes, S. D., Wagoner, K. G., Mitra, A., Wolfson, M. (2009). Attrition Bias in a U.S. Internet Survey of Alcohol Use Among College Freshmen. *J Stud Alcohol Drugs*, 70(4), 606-14. [PMID: 19515302].
32. Champion, H., Blocker, J. N., Buettner, C. K., Martin, B. A., Parries, M., **McCoy, T. P.**, Mitra, A., Andrews, D. W., Rhodes, S. D. (2009). High-risk versus low-risk football game weekends: Differences in problem drinking and alcohol-related consequences in US college campuses. *Int J Adolesc Med Health*, 21(2), 249-262. [PMID: 19702205].
33. Wolfson, M., **McCoy, T. P.**, Sutfin, E. L. (2009). College Students' Exposure to Secondhand Smoke. *Nicotine Tob Res*, 11(8), 977-84. [PMID: 19516049].

JOURNAL ARTICLES (CONTINUED):

34. Dance-Barnes, S. T., Kock, N. D., Moore, J. E., Lin, E. Y., Mosley, L. J., D'Agostino Jr., R. B., **McCoy, T. P.**, Townsend, A. J., Miller, M. S. (2009). Lung tumor promotion by curcumin. *Carcinogenesis*, 30(6), 1016-23. [PMID: 19359593].
35. Moore, P., Hundley, J., Levine, E. A., Williford, P., Sanqueza, O., **McCoy, T.**, Shen, P. (2009). Does Shave Biopsy Accurately Predict the Final Breslow Depth of Primary Cutaneous Melanoma? *Am Surg*, 75(5), 369-73. [PMID: 19445285].
36. Hugenschmidt, C. E., Peiffer, A. M., **McCoy, T. P.**, Hayasaka, S., Laurienti, P. J. (2009). Preservation of crossmodal selective attention in healthy aging. *Exp Brain Res*, 198(2-3), 273-85. [PMID: 19404621].
37. Rhodes, S. D., **McCoy, T. P.**, Omli, M. R., Cohen, G. M., Wagoner, K. G., DuRant, R. H., Wolfson, M. (2009). The negative consequences of other students' drinking: Inventory development and assessment of differences by student characteristics and risk behaviors. *Int J Adolesc Med Health*, 21(4), 519-29. [PMID: 20306764].
38. Saconn, P. A., Gee, C.J., Greven, C. M., **McCoy, T. P.**, Ekstrand, K. E., Greven, K. M. (2010). Alternative Dose for Chordial Melanoma Treated with an Iodine-125 Radioactive Plaque: A Single-Institution Retrospective Study. *Int J Radiation Oncology Biol Phys*, 78(3), 844-848. [PMID: 20171804].
39. Wynia, M. K., Johnson, M., **McCoy, T. P.**, Passmore-Griffin, L., Osborn, C. Y. (2010). Validation of an Organizational Communication Climate Assessment Toolkit. *Am J Med Qual*, 25(6), 436-443. [PMID: 20445131].
40. Petty, W. J., Miller, A. A., **McCoy, T. P.**, Gallagher, P. E., Tallant, E. A., Torti, F. M. (2009). Phase I and pharmacokinetic study of angiotensin-(1-7), an endogenous antiangiogenic hormone. *Clin Cancer Res*, 15(23): 7398-404. [PMID: 19920106].
41. Rhodes, S. D., **McCoy, T. P.**, Wilkin, A. M., Wolfson, M. (2009). Behavioral risk disparities in a random sample of self-identifying gay and non-gay male university students. *J Homosex*, 56(8): 1083-100. [PMID: 19882428].
42. Axanova, L. S., Chen, Y. Q., **McCoy, T.**, Sui, G., Cramer, S. D. (2010). 1,25-dihydroxyvitamin D(3) and PI3K/AKT inhibitors synergistically inhibit growth and induce senescence in prostate cancer cells. *Prostate*, 70(15): 1658-71. [PMID: 20583132].
43. Danhauer, S. C., Vishnevsky, T., Campbell, C. R., **McCoy, T. P.**, Tooze, J. A., Kanipe, K. N., Arrington, S. A., Holland, E. K., Lynch, M. B., Hurd, D. D., Cruz, J. (2010). Music for Patients with hematological malignancies undergoing bone marrow biopsy: a randomized controlled study of anxiety, perceived pain, and patient satisfaction. *J Society of Integrative Oncology*, 8(4): 140-147. [PMID: 24619452].
44. Sutfin, E. L., **McCoy, T. P.**, Reboussin, B. A., Wagoner, K., Spangler, J., Wolfson, M. (2011). Prevalence and correlates of waterpipe tobacco smoking among college students in North Carolina. *Drug Alcohol Depend*, 115(1-2), 131-136. [PMID: 21353750].

JOURNAL ARTICLES (CONTINUED):

45. Rhodes, S. D., **McCoy, T. P.**, Vissman, A. T., DiClemente, R. J., Duck, S., Hergenrather, K. C., Long-Foley, K., Alonzo, A., Bloom, F. R., Eng, E. (2011). A randomized controlled trial of a culturally congruent intervention to increase condom use and HIV testing among heterosexually active immigrant Latino men. *AIDS Behav*, 15(8), 1764-1775. [PMID: 21301948].
46. Rhodes, S. D., **McCoy, T. P.**, Hergenrather, K. C., Vissman, A. C., Wolfson, M., Alonzo, J., Bloom, F. R., Alegria-Ortega, J., Eng, E. (2011). Prevalence estimates of health risk behaviors of immigrant Latino men who have sex with men. *Journal of Rural Health*, 28, 73-83. [PMID: 22236317].
47. Jensen, C. A., Chan, M. D., **McCoy, T. P.**, Bourland, J. D., Deguzman, A. F., Ellis, T. L., Ekstrand, K. E., McMullen, K. P., Munley, M. T., Shaw, E. G., Urbanic, J. J., Tatter, S. B. (2010). Cavity-directed radiosurgery as adjuvant therapy after resection of a brain metastasis. *J Neurosurg*, 114(6), 1585-1591. [PMID: 21166567].
48. Rhodes, S. D., Vissman, A. T., Stowers, J., Miller, C., **McCoy, T. P.**, Hergenrather, K. C., Wilkin, A. M., Reece, M., Bachmann, L. H., Ore, A., Ross, M. W., Hendrix, E., Eng, E. (2011). A CBPR Partnership Increases HIV Testing Among Men Who Have Sex With Men (MSM): Outcome Findings From a Pilot Test of the CyBER/testing Internet Intervention. *Health Educ Behav*, 38(3), 311-320. [PMID: 21393625].
49. Sutfin, E. L., **McCoy, T. P.**, Berg, C., Champion, H., Helme, D., O'Brien, M. C., Wolfson, M. (2012). Tobacco Use by College Students: A comparison of daily and nondaily smokers. *Am J Health Behav*, 36(2), 218-229. [PMID: 22370259].
50. Varban, O. A., **McCoy, T. P.**, Westcott, C. (2011). A Comparison of Pre-operative Comorbidities and Post-operative Outcomes among Patients Undergoing Laparoscopic Nissen Fundoplication at High- and Low-Volume Centers. *J Gastrointest Surg*, 15(7): 1121-7. [PMID: 21557016].
51. Marshall, K., Chan, M. D., **McCoy, T. P.**, Aubuchon, A. C., Bourland, J. D., McMullen, K. P., deGuzman, A. F., Munley, M. T., Shaw, E. G., Tatter, S. B., Ellis, T. L. (2011). Predictive Variables for the Successful Treatment of Trigeminal Neuralgia with Gamma Knife Radiosurgery. *Neurosurgery*, 70(3), 566-72. [PMID: 21849918].
52. Light, L. S., **McCoy, T. P.**, Thompson, M. P., Spitler, H. D., Sutfin, E. L., Rhodes, S. D. (2011). Modeling the Rutgers Alcohol Problem Index (RAPI): A comparison of statistical methods. *Addict Res Theory*, 19(6), 510-518. doi: 10.3109/16066359.2011.569100
53. Anderson, R. T., Kimmick, G. G., **McCoy, T. P.**, Hopkins, J., Levine, E., Miller, G., Ribisl, P., Mihalko, S. L. (2011). A randomized trial of exercise on well-being and function following breast cancer surgery: the RESTORE trial. *J Cancer Surviv*, 6(2), 172-81. [PMID: 22160629].
54. Wagoner, K. G., Blocker, J., **McCoy, T. P.**, Sutfin, E. L., Champion, H., Wolfson, M. (2012). Free Alcohol Use and Consequences: Gender Differences Among Undergraduates. *American Journal of Health Behavior*, 36(4), 446-458. [PMID: 22488395].

JOURNAL ARTICLES (CONTINUED):

55. Wolfson, M., Champion, H., **McCoy, T.P.**, Rhodes, S. D., Ip, E. H., Blocker, J. N., Martin, B. A., Wagoner, K. G., O'Brien, M. C., Sutfin, E. L., Mitra, A., Durant, R. H. (2012). Impact of a Randomized Campus/Community Trial to Prevent High-Risk Drinking among College Students. *Alcohol Clin Exp Res*, 36(10), 1767-78. [PMID: 22823091].
56. Letvak, S., Ruhm, C. J., **McCoy, T.** (2012). Depression in Hospital Employed Nurses. *Clin Nurse Spec*, 26(3), 177-82. [PMID: 22504476].
57. Southard, K., Jarrell, A., Shattell, M. M., **McCoy, T. P.**, Bartlett, R. B., Judge, C. A. (2012). Enclosed versus open nursing stations in acute adult psychiatric care settings: Does nursing station design affect the therapeutic milieu? *J Psychosoc Nurs Ment Health Serv*, 50(5), 28-34. [PMID: 22533842].
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Neblett, D., Kennedy-Malone, L. M., **McCoy, T. P.**, Morrison, S. D., & Wallace, D. W. (2023). Self-Care of Diabetes and Diabetes Distress in Non-Hispanic Black Adults with Type 2 Diabetes: What do we know? [REDACTED]. Submitted November 10, 2023.

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2. **McCoy, T. P.**, Yearout, R., & Patch, S. (2002). *Misrepresenting Quality Data: A Statistical Quality Control Case Study*. Presented at National Conference on Undergraduate Research at the University of Wisconsin-Whitewater on April 25-27, 2002.
3. **McCoy, T. P.** (2003). *Multivariate Control Charts: Incorporation of Correlation among Variables*. Presented at the Graduate Student Seminar at Clemson University in Spring 2003 in Clemson, SC.
4. **McCoy, T. P.** (2004). *Infidelity, French Fish, and Deviance: An Introduction to Applied Generalized Linear Models (GLM) with SAS*. Presented at the Graduate Student Seminar at Clemson University in Spring 2004 in Clemson, SC.
5. **McCoy, T. P.**, Rhodes, S. D., & Wolfson, M. (2005). *Condom Usage and Correlates for a NC Campus Randomized Trial*. Presented at the Biostatistics Seminar for the Department of Biostatistical Sciences at Wake Forest University Baptist Medical School on April 19, 2005 in Winston-Salem, NC.
6. **McCoy, T. P.** (2005). *An Introduction to Logistic Regression*. Presented at the Biostatistics Core Seminar for the Comprehensive Cancer Center at Wake Forest University Baptist Medical School on December 1, 2005 in Winston-Salem, NC.
7. **McCoy, T. P.**, & Kaltenbach, L. A. (2006). *G.E.E. Whillikers, Chapter 11! Marginal Models: Generalized Estimating Equations*. Presented at the Biostatistics Seminar for the Department of Biostatistical Sciences at Wake Forest University Baptist Medical School on February 28, 2006 in Winston-Salem, NC (book study chapter presentation).
8. **McCoy, T. P.** (2006). *Methods of Estimating Time to Cancer Events: Before and After Kaplan-Meier*. Presented at the Biostatistics Core Seminar for the Comprehensive Cancer Center at the Wake Forest University Baptist Medical School on August 28, 2006 in Winston-Salem, NC.
9. **McCoy, T. P.** (2007). *Beyond Life and Death: Design and Analysis of Quality of Life Studies in Cancer Research*. Presented at the Biostatistics Core Seminar for the Comprehensive Cancer Center at the Wake Forest University Baptist Medical School on April 5, 2007 in Winston-Salem, NC.
10. **McCoy, T. P.**, O'Brien, M. C., & Wolfson, M. (2007). *Caffeinated Cocktails: Get Wired, Get Drunk, Get Injured*. Presented at the Biostatistics Seminar for the Department of Biostatistical Sciences at Wake Forest University Medical School on May 22, 2007 in Winston-Salem, NC.
11. **McCoy, T. P.**, & Newman, J. (2007). *Don't be a Stata Hata*. Presented at the Biostatistics Seminar for the Department of Biostatistical Sciences at Wake Forest University Baptist Medical School on October 23, 2007 in Winston-Salem, NC.
12. **McCoy, T. P.** (2008). *Probability and Inference*. Presented at the Vascular Surgery Research Biostatistics Seminar at Wake Forest University Baptist Medical School on September 17, 2008.

PRESENTATIONS (Continued):

13. **McCoy, T. P.**, & Ip, E. H. (2008). *Analysis of Repeated Cross-Section Data with Overlapping Samples*. Presented at the Biostatistics Seminar for the Department of Biostatistical Sciences at Wake Forest University Baptist Medical School on October 7, 2008 in Winston-Salem, NC.
14. **McCoy, T. P.**, & Lovato, J. F. (2008). *Categorical and Survival Analyses*. Presented at the Vascular Surgery Research Biostatistics Seminar at Wake Forest University Baptist Medical School on October 14, 2008 in Winston-Salem, NC.
15. **McCoy, T. P.** (2009). *Lost, Drunk, and Swollen? Analyzing Attrition Bias in Three Studies*. Presented at the Biostatistics Seminar for the Department of Biostatistical Sciences at Wake Forest University Baptist Medical School on February 3, 2009 in Winston-Salem, NC.
16. **McCoy, T. P.**, O'Brien, M. C., & Wolfson, M. (2010). *Caffeinated Cocktails Xtreme*. Presented at the Biostatistics Seminar for the Department of Biostatistical Sciences at Wake Forest University Baptist Medical School on January 5, 2010 in Winston-Salem, NC.
17. **McCoy, T. P.** (2010). *Sampling*. Guest lecturer for CPTS 749: Research Methods course in Clinical and Translational Sciences MS program at Wake Forest University Baptist Medical School on February 25, 2010 in Winston-Salem, NC.
18. **McCoy, T. P.** (2011). *Sampling*. Guest lecturer for CPTS 749: Research Methods course in Clinical and Translational Sciences MS program at Wake Forest University Baptist Medical School on February 10, 2011 in Winston-Salem, NC.
19. **McCoy, T. P.**, Vissman, A., & Rhodes, S. D. (2011). *A Respondent-Driven Sampling Study to Identify Correlates of Condom Use Among Immigrant Latino MSM*. Presented at the American Public Health Association Conference in Washington, DC on October 31, 2011.
20. **McCoy, T. P.** (2012). *Sampling*. Guest lecturer for CPTS 749: Research Methods course in Clinical and Translational Sciences MS program at Wake Forest University Baptist Medical School on January 26, 2012.
21. Shattell, M., Bartlett, R., **McCoy, T.**, Jarrell, A., Southard, K., & Judge, C. (2012). *Acute psychiatric care: Is there an association between nursing station design and therapeutic milieu?* Presented at the 26th annual Southern Nursing Research Society conference in February 22-25, 2012, New Orleans, LA.
22. Blocker, J. N., Ip, E., **McCoy, T. P.** (2012). *Evaluating nonresponse bias in a survey of high-risk drinking among college students using a continuous measure of response latency*. Poster session presented at the Joint Statistical Meetings of the American Statistical Association on July 31, 2012, San Diego, CA.
23. **McCoy, T. P.**, Willse, J. T., Jones, E. D., Letvak, S. (2013). *Ridge or Re-estimate? Improper Solutions in Ordinal Confirmatory Factor Analysis (CFA) of Polychoric Correlations: A Case Study*. Oral presentation presented at Annual Meeting of the National Council on Measurement in Education on April 28, 2013, San Francisco, CA.
24. **McCoy, T. P.**, Mia, J., Carter, A. D. (2013). *A SAS® Macro for Standardized Augmented Subscores*. Graduate student media presentation at Annual Meeting of the National Council on Measurement in Education on April 29, 2013, San Francisco, CA.

PRESENTATIONS (Continued):

25. Hu, J., Amirehsani, K., Wallace, D., **McCoy, T.**, Coley, S. L., & Wiseman, K. (2013). *Physical Activity in Hispanic Adults with Diabetes and Their Family Members*. Oral presentation at Annual Meeting & Exposition of the American Public Health Association on November 2-6, 2013 in Boston, MA.
26. **McCoy, T. P.**, Chalhoub-Deville, M., & Willse, J. T. (2014). *How Can Diagnostic Measurement Provide Valid Classroom Formative Assessment for Achieving College and Career Readiness? A Validity Inquiry*. Graduate student poster presentation at Annual Meeting of the North Carolina Association for Research in Education on February 20-21 in Greensboro, NC.
27. Sha, S., & **McCoy, T.** (2014). *A Comparison of Two Augmented Subscore Methods and the Role of Subscore Distribution*. Graduate student poster presentation at Annual Meeting of the National Council on Measurement in Education on April 2-6, 2014 in Philadelphia, PA.
28. **McCoy, T. P.**, & Willse, J. T. (2014). *Accuracy of Neural Network versus Nonparametric Approaches in Diagnostic Classification*. Oral presentation at Annual Meeting of the National Council on Measurement in Education on April 2-6, 2014 in Philadelphia, PA.
29. Hu, J., Wallace, D. C., **McCoy, T. P.**, & Amirehsani, K. A. (2014.) *A Pilot Diabetes Intervention Program for Hispanics and Their Family Members*. Council for the Advancement of Nursing Science: 2014 State of the Science Congress on Nursing Research: Optimizing Health by Addressing Complexity, September 18-20. Washington, DC.
30. Hu, J., Amirehsani, K., **McCoy, T. P.**, Coley, S. L., & Wallace, D. C. (2014). *Risk Factors Associated with Cardiovascular Disease*. Poster presentation at The Minority Health and Health Disparities Grantees' Conference on December 2, 2014 in National Harbor, MD.
31. Bartlett, R., **McCoy, T.**, Randolph, I., & Johnson, A. (2015). *Communication and bonding between African American middle school age girls and their mothers*. Presented at the 29th annual conference of the Southern Nursing Research Society in February 25-28, 2015, Tampa, Florida.
32. Davis, L.L., **McCoy, T.P.**, Riegel, B., McKinley, S., Doering, L., Dracup, K., & Moser, D. (2015). *Congruence of Time from Symptom Onset According to Medical Record versus Subject Interview in Patients Diagnosed with Acute Coronary Syndrome*. American College of Cardiology Scientific Sessions in March 14-16, 2015, San Diego, CA.
33. **McCoy, T. P.**, & Willse, J. T. (2015). *The Effects of Mixture-induced Local Dependence on Diagnostic Classification*. Oral presentation at Annual Meeting of the National Council on Measurement in Education on April 15-19, 2015 in Chicago, IL.
34. Bartlett, R., Johnson, A., Randolph, I., & **McCoy, T.** (2015). *Health promoting knowledge and behaviors among African American girls*. Presented at the Sigma Theta Tau 26th International Nursing Research Congress, San Juan in July 23-27, 2015, Puerto Rico.
35. **McCoy, T. P.** (2015). *Interpretation and Writing of Common Statistical Results*. Guest lecturer for ANES 736: Research in Nurse Anesthesia at Wake Forest University School of Medicine Nurse Anesthesia Program on November 19, 2015 in Winston-Salem, NC.

PRESENTATIONS (Continued):

36. Amirehsani, K. A., Hu, J., Wallace, D. C., Silva, Z. A., Hussami, C. R., & **McCoy, T. P.** (2015). *Strategies for Effective Pedometer use in Hispanic Adults*. 143rd American Public Health Association Annual Meeting and Exposition, October 31-November 4, 2015. Chicago, IL.
37. Davis, L. L., **McCoy, T. P.**, Riegel, B., McKinley, S., Doering, L., Dracup, K., & Moser, D. (2015). Abstract 12162: Association of Symptom Clusters With Mode of Transportation to Emergency Department in Patients Diagnosed With Acute Coronary Syndrome. *Circulation*, 132(Suppl 3), A12162.
38. Park, E., **McCoy, T.**, Toller-Erausquin, J., & Bartlett, R. (2016). *Trajectories of risky behaviors in adolescents by race and ethnicity*. Presented at the June 2016 Users Conference for The National Longitudinal Study of Adolescent to Adult Health in Bethesda, Maryland.
39. Hu, J., Amirehsani, K. A., Wallace, D. C., **McCoy, T. P.**, & Silva, Z. (2016). *A Family-Based Diabetes Intervention for Hispanics and Their Family Members*. Council for the Advancement of Nursing Science: State of Science Congress on Nursing Research, September 15-17, 2016. Washington, DC.
40. **McCoy, T. P.** (2016). *Interpretation and Writing of Common Statistical Results*. Guest lecturer for ANES 736: Research in Nurse Anesthesia at Wake Forest University School of Medicine Nurse Anesthesia Program on October 26, 2016 in Winston-Salem, NC.
41. Amirehsani, K. A., Hu, J., Wallace, D. C., Silva, Z., Dick, S., West-Livingston, L., Hussami, C., Wright, T., **McCoy, T. P.** (2016). *We Want You to Know: Hispanic Immigrants' Perspectives of U.S. Healthcare Experiences*. Presented at the Conference of the American Public Health Association from October 29, 2016 to November 2, 2016 in Denver, CO.
42. Lekan, D., Wallace, D.C., **McCoy, T.**, & Whitson, H. (2016). *Frailty assessment in hospitalized older adults*. Cone Health Evidence Based Practice and Nursing Research Symposium, November 22, 2016. First place award.
43. Pickett, S., & **McCoy, T.** (2017). *Psychosocial factors and eating behaviors among young African American women*. Poster discussion presented at the Southern Nurses Research Society 31st Annual Conference in February 22-25, 2017, Dallas, Texas.
44. Trent, P., Bacon, C.T. & **McCoy, T.** (2017). *Enhancing systems thinking for undergraduate nursing students using the 'Friday Night at the ER' (FN@ER) simulation*. Research poster presentation May 27, 2017 at the Quality and Safety Education for Nursing (QSEN) Annual Conference, Chicago, IL.
45. Lekan, D., Wallace, D.C., **McCoy, T.P.**, Silva, S., & Whitson, H. *Frailty risk assessment in hospitalized adults using electronic health record data*. 2nd International Conference on Aging and Gerontology, June 27, 2017, San Diego, CA.
46. Bartlett, R., Park, E., **McCoy, T. P.**, & Toller Erasquin, J. (2017). *Role of race and ethnicity on trajectories of health risk behaviors from adolescence into adulthood*. Presented at the Sigma Theta Tau 28th International Nursing Research Congress in July 27-31, 2017 in Dublin, Ireland.
47. **McCoy, T. P.** (2017). *Navigating the Waters as a Newbie: A Collaboration on Secondary Data Analysis*. Presented October 4, 2017 at the Department of Public Health Education Graduate Seminar Series.

PRESENTATIONS (Continued):

48. **McCoy, T. P.** (2017). *Interpretation and Writing of Common Statistical Results*. Guest lecturer for ANES 736: Research in Nurse Anesthesia at Wake Forest University School of Medicine Nurse Anesthesia Program on October 25, 2017 in Winston-Salem, NC.
49. Caiola, C., **McCoy, T. P.**, & Kneipp, S. (2017). *Syndemic Effects of Substance Abuse, Violence, and HIV/AIDS (SAVA) Among Mothers*. Presented at the Conference of the American Public Health Association from November 4, 2017 to November 8, 2017 in Atlanta, GA.
50. Erausquin, J. T., Bartlett, T. R., Park, E., & **McCoy, T. P.** (2017). *The Association of Race/Ethnicity with Suicidal Ideation and Attempts across the Transition from Adolescence to Adulthood in the U.S.* Presented at the Conference of the American Public Health Association from November 4, 2017 to November 8, 2017 in Atlanta, GA.
51. Bartlett, R., **McCoy, T. P.**, Wallace, D., Calkins, S., Shelton, T., Coakley, T., Eaddy, C., & Beamon, E. (2018). *Efficacy of a Risky Sex Prevention Intervention for Black, middle School Age Girls*. Podium presentation at the 2018 Annual Conference for the Southern Nursing Research Society from March 21-24, 2018 in Atlanta, GA.
52. Hu, J., **McCoy, T. P.**, Zhan, F., Coley, S. L., Amirehsani, K., & Wallace, D. C. (2018). *Evaluating the Reliability and Validity of the Spanish Version of the SF-12 in Hispanics*. Presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine from April 11-14, 2018 in New Orleans, LA.
53. Almotairy, M., Hoffart, N., Bacon, C. T., & **McCoy, T. P.** (2018). *An Examination of the Relationship between Organizational Safety Climate and Registered Nurses' Job Enjoyment*. 2018 Annual Research Meeting, Seattle, WA, USA. Poster Presentation on June 24, 2018.
54. Faller, R., Erausquin, J. T., **McCoy, T. P.**, Bartlett, R., Park, E., & Beamon, E. R. (2018). *Prescription drug misuse and illicit drug use in young- and middle-age US adults in the context of the opioid epidemic*. Poster presentation at the American Public Health Association's 2018 Annual Meeting & Expo from November 10-14, 2018 in San Diego, CA.
55. Boone, A. S., Kennedy-Malone, L., **McCoy, T. P.**, Lekan, D., Wallace, D., & Rourk, M. R. (2018). *Development of a Frailty Index for Older Adults Hospitalized With Clostridium Difficile Infection*. Accepted for poster presentation at the 70th Gerontological Society of America's Annual Scientific Meeting from November 14-18, 2018 in Boston, MA.
56. Boone, A. S., Kennedy-Malone, L., **McCoy, T. P.**, Lekan, D., Wallace, D., & Rourk, M. R. (2018). *The Relationship Between Frailty in the Hospitalized Older Adult and Recurrent Clostridium difficile*. Podium presentation at the 37th Gerontological Advanced Practice Nurses Association Annual Conference from September 26-29, 2018 in Washington, D.C.
57. Lekan, D., & **McCoy, T. P.** (2018). *The Utility of the Frailty Risk Score in Hospitalized Older Adults With and Without Diabetes Mellitus*. Accepted for poster presentation at the 70th Gerontological Society of America's Annual Scientific Meeting from November 14-18, 2018 in Boston, MA.
58. Lekan, D., **McCoy, T. P.**, Manda, P., Mohanty, S., Gulia, R., & Jenkins, M. (2018). *Using Data from the EHR to Examine Frailty for Early Readmission among Hospitalized Older Adults*. Oral presentation at the International Conference on Advances in Interdisciplinary Statistics and Combinatorics from October 5-7, 2018 in Greensboro, NC.

PRESENTATIONS (Continued):

59. Gulia, R., Lekan, D., Manda, P., **McCoy, T.**, Jenkins, M., & Mohanty, S. (2018). *A Data-Driven Analysis of Patient Re-Hospitalization*. Oral presentation at the International Conference on Advances in Interdisciplinary Statistics and Combinatorics from October 5-7, 2018 in Greensboro, NC.
60. Watkins, J., Waters, J., Shaffer, S. L., & **McCoy, T. P.** (2018). *Alarm Safety on an ICU/Stepdown Department*. Poster presentation at the 7th Annual Cone Health/AHEC Research Symposium on November 9, 2018 in Greensboro, NC.
61. Lekan, D., **McCoy, T. P.**, Manda, P., Mohanty, S., Gulia, R., & Jenkins, M. (2018). *Comparison of Two Comorbidity Indices and a Hospital Risk Score in Prediction of Early & Late Rehospitalization*. Poster presentation at the 7th Annual Cone Health/AHEC Research Symposium on November 9, 2018 in Greensboro, NC.
62. Lekan, D., **McCoy, T. P.**, Mohanty, S., & Manda, P., Jenkins, M., & Gulia, R. (2019). *Using Administrative and Laboratory Data from the Electronic Health Record to Examine Frailty Indicators for Hospital Readmission*. Poster presentation at the International Conference on Frailty & Sarcopenia Research 2019 from February 20-22, 2019 in Miami Beach, FL.
63. Stone, E., Davis, L. L., & **McCoy, T. P.** (2019). *A Secondary Analysis to Inform a Clinical Decision Rule for Predicting Skull Fracture and Intracranial Injury in Children Under Age Two*. Accepted for poster discussion presentation at the Southern Nursing Research Society 33rd Annual Conference from February 27 to March 1, 2019 in Orlando, FL.
64. Lekan, D., **McCoy, T. P.**, Manda, P., Mohanty, S., Gulia, R., & Jenkins, M. (2019). *Using Data from the EHR to Examine Frailty for Readmission among Hospitalized Older Adults*. North Carolina Organization of Nurse Leaders Annual conference on March 20-22, 2019 in Greensboro, NC.
65. Bacon, C. T., **McCoy, T. P.**, Henshaw, D. S. (2019). *Failure to Rescue and 30-day Mortality in Hospitals with and Without Crew Resource Management (CRM) Safety Training*. Poster presentation at the 2019 School of Nursing Scholarship Showcase (refereed) at UNC Greensboro in Greensboro, NC.
66. **McCoy, T. P.** (2019). *What's the Deal with Secondary Data Analysis? Some Tips & Experiences*. UNCG School of Nursing PhD Seminar Series, given on September 13, 2019.
67. Sheppard, F., **McCoy, T. P.**, Welborn, A. (2019). *Women's Retirement, Mental Stress Symptoms, and the Use of Hair Cortisol as a Stress Biomarker*. Poster presentation at the 33rd Annual Conference of the American Psychiatric Nurses Association (APNA) on October 2-5, 2019 in New Orleans, LA.
68. Lekan, D., **McCoy, T. P.**, Jenkins, M., Mohanty, S., Manda, P., Meghani, A. (2019). *Comparison of a Frailty Risk Score and Comorbidity for Early Rehospitalization using Electronic Health Record Data*. Late breaker poster presentation at the Gerontological Society of America (GSA) 71st Annual Scientific Meeting on November 13-17, 2019 in Austin, TX.
69. Boone, A., Kennedy-Malone, L., **McCoy, T.**, Lekan, D. A., Wallace, D., & Rourk, R. (2019). *Characteristics of Hospitalized Older Adults with Recurrent Clostridium Difficile: Intervention Opportunities*. *Innovation in Aging*, 3(Supplement_1), S447.

PRESENTATIONS (Continued):

70. Faller, R. W., Erausquin, J. T., & **McCoy, T. P.** (2020). *Adverse childhood experiences and prescription opioid misuse: the mediating effect of PTSD*. Poster presentation at the APHA 2020 conference on October 24-28, 2020 (virtual).
71. Hu, J., Amirehsani, K. A., **McCoy, T. P.**, Coley, S., & Wallace, D. (2020). *Cardiovascular disease risk in Hispanic women*. Poster presentation at the APHA 2020 conference on October 24-28, 2020 (virtual).
72. Prasun, M. A., Stamp, K., Rathman, L., & **McCoy, T. P.** (2020). *Practitioners' Inaccuracy in Decision-Making with Assessing NYHA Functional Class of Patients with Heart Failure*. AHA Scientific Sessions 2020 on November 13-17, 2020 in Dallas, TX.
73. Stamp, K. D., Prasun, M. A., Rathman, L., & **McCoy, T. P.** (2021). *Practitioners' Accuracy in Decision-Making with Assessing NYHA Functional Class of Patients with Heart Failure*. Podium presentation at the AAHFN Virtual Conference on June 17, 2021 (virtual).
74. Lekan, D., **McCoy, T. P.**, Jenkins, M., Mohanty, S., Manda, P., & Yasin, R. (2021). *Comparison of a Frailty Risk Score and Comorbidity Indices for Hospital Readmission using Electronic Health Record Data*. Poster presentation at the 2021 Annual Conference of the North Carolina Organization of Nurse Leaders (NCONL) held October 27 – 29, 2021.
75. Almotairy, M. M., Hoffart, N., Bacon, C. T., & **McCoy, T. P.** (2021). *The Impact of Nurse Practice Environment on Nurse and Patient Outcomes in Middle East Acute Care Hospitals*. E-Poster presentation at the ICN Congress 2021 on November 2-4, 2021 (virtual).
76. Stamp, K. D., Prasun, M. A., Rathman, L., & **McCoy, T. P.** (2021). *New York Heart Association Functional Class Guide Assists With Providers Assessment of Functional Class in Patients With Heart Failure*. Poster presentations at the AHA Scientific Sessions 2021 on November 13-15, 2021 in Boston, MA.
77. Avorgbedor, F., **McCoy, T. P.**, Wideman, L., Gold, L. W., Buehler, C. A., & Leerkes, E. M. (2022). SNRS Annual Meeting, "Effects of Neighborhood and Household Socioeconomic Disadvantage on Postpartum Weight Retention," Southern Nursing Organization (Academic), New Orleans, LA. (February 25, 2022).
78. Bacon, C., Jenkins, M., **McCoy, T. P.**, Gontarz, J., Clayton, K., Fitzgerald, B., Heslep, D., Hopkins, E., Hudson, E., Hudson, K., Law, E., Roberts, K., Smith, A., Turner, M., & Welch, C. (2022). "Moving From Nurse-Patient Ratios to Workload Intensity Staffing." Poster presentation at the 2022 NCONL Annual Conference on April 27-29, 2022.
79. Epstein, C. M. & **McCoy, T. P.** (2022). Biennial Conference, "Longitudinal Patterns of Heart Rate Rhythmicity During Pregnancy," Society for Research on Biological Rhythms (Academic), Amelia Island, FL. (May 2022).
80. Avorgbedor, F., **McCoy, T. P.**, Wideman, L., Gold, L. W., Buehler, C. A., & Leerkes, E. M. (2022). International Conference on Advances in Interdisciplinary Statistics and Combinatorics, "Effects of Neighborhood and Household Socioeconomic Disadvantage on Postpartum Weight Retention," (Academic), Greensboro, NC, United States of America. (October 9, 2022).

PRESENTATIONS (Continued):

81. Epstein, C. M. & **McCoy, T. P.** (2022). International Conference on Advances in Interdisciplinary Statistics and Combinatorics (AISC), "Mixed-effects Cosinor Analysis of Cortisol Patterns Among Pregnant Women," UNC Greensboro (Academic), Greensboro, NC, United States of America. (October 9, 2022).
82. **McCoy, T. P.** & Jenkins, M. (2022). International Conference on Advances in Interdisciplinary Statistics and Combinatorics (AISC), "Time-to-ICU Transfer by Frailty Severity using Electronic Health Record Data: Does Nursing Flowsheet Data Matter?," UNC Greensboro (Academic), Greensboro, NC, United States of America. (October 9, 2022).
83. Bacon, C., Jenkins, M., Gontarz, J. & **McCoy, T. P.** (2022). "Nurses' experiences with change from nurse-patient ratios to workload intensity staffing." Podium presentation at the November 4, 2022 Association for Leadership Science in Nursing (ALSN) annual conference, Case Western University, Cleveland, Ohio.
84. Letvak, S., Apple, B. K., & **McCoy, T. P.** (2022). CCI Foundation Second Annual Research Conference, "Ergonomic Safety of the Perioperative Nurse," CCI Foundation. (November 12, 2022).
85. Kalinoski, R., **McCoy, T. P.**, Ross, R. (2023). National League for Nursing's Nursing Education Research Conference, "Implementing Suicide Prevention Gatekeeper Training to Increase Knowledge and Confidence of Pre-Licensure Nursing Students," National League for Nursing, Washington, DC, United States of America. Accepted. (March 30, 2023).
86. Neblett, D. A., Kennedy-Malone, L., **McCoy, T. P.**, Morrison, S., & Wallace, D. C. (2023). ADCES23 Conference, "Diabetes Distress and Self-Care of Diabetes in Non-Hispanic Black Adults Living with T2D," Association of Diabetes Care & Education Specialists (ADCES), Houston, TX, United States of America. Poster Presentation. (August 5, 2023).
87. **McCoy, T. P.**, Council for the Advancement of Nursing Advanced Methods Conference: Biosocial Methods to Advance Health Equity, "Measuring the Cardiovascular Clock in Pregnancy," Council for the Advancement of Nursing. Accepted. (September 13, 2023).
88. **McCoy, T. P.**, Council for the Advancement of Nursing Advanced Methods Conference: Biosocial Methods to Advance Health Equity, "Sociospatial Inequality, Stress and Chronobiological Cortisol Rhythms in Pregnancy," Council for the Advancement of Nursing. Accepted. (September 13, 2023).
89. Avorgbedor, F., **McCoy, T.**, Vilme, H., Sattler, K., Paynter, L., Shriver, L., Dollar, J., Keane, S., Shanahan, L., & Wideman, L. (2023). American Heart Association (AHA) Scientific Sessions 2023, "Does Neighborhood Vulnerability Predict BMI and Blood Pressure in Adolescents?," American Heart Association, Philadelphia, PA, United States of America. Accepted. (November 10, 2023).
90. Mertus, S., **McCoy, T. P.**, Erausquin, J. T., & Tanner, A. E. (2023). American Public Health Association Annual Meeting and Expo, "Black Mother-daughter sex communication and its longitudinal influence on daughter's perceptions of sexual guilt, pleasure, and adult sex satisfaction," American Public Health Association (APHA), Atlanta, GA, United States of America. Accepted. (November 13, 2023).

EXTERNAL GRANTS/CONTRACTS:

Funded:

2003-2007 Alcohol-Related Problems among College Students: A Randomized Community Trial. PI: Mark Wolfson. Role: Biostatistician. \$2,946,611.00. R01 AA14007, NIAAA, NIH.

2004-2010 Comprehensive Cancer Center of Wake Forest University (CCCWFU) Cancer Center Support Grant. PI: Frank Torti. Role: Biostatistician. \$4,891,190.00 in latest 5 year grant period (2007-2012). National Cancer Institute (NCI).

2005-2009 Rapid Responses to Problem Drinking on College Campuses. PI: Scott Rhodes. Role: Biostatistician. \$1,048,582.00. U01 AA1474101, NIAAA, NIH.

2006-2007 HoMBReS: A Lay Health Advisor Approach to STD Prevention. PI: Scott Rhodes. Role: Biostatistician. \$366,073.00. TS-1023, CDC through a cooperative agreement with Association of Teachers of Preventive Medicine (ATPM).

2006-2008 HIV among Rural Latino Gay Men and MSM in the Southeast. PI: Scott Rhodes. Role: Biostatistician. \$339,224.00. R21HD049282, NICHD, NIH.

2007-2010 Alcohol-Related Consequences among College Students II. PI: Mark Wolfson. Role: Biostatistician. 2R01 AA1400706, NIAAA, NIH. \$2,946,611.00.

2008-2010 CBPR and the Internet: Increasing HIV Testing Through Chat Room-Based Promotion. PI: Scott Rhodes. Role: Biostatistician. R21MH082689, NIMH, NIH. \$344,756.00.

2008-2010 A Partnership Approach to Reducing HIV Disparities among Latino Men PI: Scott Rhodes. Role: Biostatistician. R24 MD002774, NIMHD, NIH. \$2,475,014.00.

2008-2010 Menstrual Cycle Maintenance and Quality of Life Following Treatment for Breast Cancer: A Prospective study. PI: Michelle Naughton. Role: Biostatistician. Department of Defense. \$600,000.00.

2009-2011 Smokeless Tobacco Use in College Students. PIs: Mark Wolfson and John Spangler. Role: Biostatistician. R01CA141643, NCI. \$2,275,276.00.

2012-2017 Teamwork in Research and Intervention to Alleviate Disparities (TRIAD) Center for Health Disparities. PI: Debra Wallace. Role: Biostatistician. P20MD002289, NIMHD, NIH. \$6,659,123.00.

2014-2015 Research Synthesis of the State of the Science on Clinical Evaluation in Nursing Education. PI: Lynne Lewallen. Role: Statistician. National League For Nursing Research. \$21,934.00.

2016-2017 Impact of Gender on New Careers in Nursing Program Outcomes. PI: Nancy Hoffart. Role: Co-investigator. \$1,000.00 plus technical assistance. American Association of Colleges of Nursing/Robert Wood Johnson Foundation.

EXTERNAL GRANTS/CONTRACTS (Continued):

2018-2019 Clinical Evaluation of Frailty Risk. Co-PIs: Deborah Lekan and Thomas McCoy. \$10,000.00. UNC Greensboro Regular/New Faculty Grant.

2018-2020 Practitioners' Accuracy in Decision-Making with Assessing NYHA Functional Class of Patients with Heart Failure. PI: Kelly Stamp. \$141,528.99. Abbott Laboratories.

2019-2021 Bacon, C., Jenkins, M. & McCoy, T. (2019-2021). Improving quality and safety outcomes using the workload intensity staffing delivery of care model. Duke Endowment Grant #6814-SP awarded in the amount of \$240,000.

2020-2021 Frailty Risk using EHR Nursing Data for ICU Transfer and Mortality. PI: Deborah Lekan. \$10,000.00. Academy of Medical-Surgical Nurses.

2022-2023 Identifying and addressing critical social, ethical, and behavioral factors associated with COVID-19 testing and vaccination among Spanish speakers PIs: Scott Rhodes and Amanda Tanner. \$570,920.00. NIH U01MD017431.

2022-2024 Examining the Reliability and Validity of the New York Heart Association Classification Guide to Assign Class for Patients with Heart Failure and Application into Practice. PI: Marilyn Prasun. \$512,200.20. Abbott, Inc.: HF-2021-000136.

2023 Psychosocial Burdens and Supportive Care Needs in Adults with Newly Diagnosed Acute Myeloid Leukemia and Their Caregivers. PI: Ahrang Jung. \$50,000.00. UNC Lineberger Developmental Award.

2023 Nurses' Attitudes of Patients with Perinatal Substance Use Disorder: A Mixed-Methods Study. PIs: April Messer & Gail Elliot. Sponsored by Western Carolina University (WCU), \$1,500.00.

2023-2024 Flange Fitting to Optimize Breast Milk Removal and Comfort for Pumping Parents: A Pilot Study. PI: Lisa Anders. \$5,000.00. UNCG Fall Internal Grant Award.

2023-2025 Structural racism and cardiovascular disease risk in pregnant women and their infants. PI: Forgive Avorgbedor. \$530,000.00. NIH NHLBI Diversity Supplement.

2023-2024 Impact of Perceived Discrimination on Health Outcomes. PI: Amber Vermeesch. Sponsored by American Association of Colleges of Nursing (AACN), \$12,000.00.

2023-2027 Exploring and Intervening on Multilevel Factors of Medical Mistrust among Hispanic/Latino Gay, Bisexual and Other Men Who Have Sex with Men (HLMSM) for HIV Prevention in the US South. PI: Scott Rhodes. Sponsored by Wake Forest University Health Sciences, \$83,218.00.

2023-2028 Linking insufficient sleep with body weight in Black emerging adults. PI: Jessica McNeil. Sponsored by National Institutes of Health (NIH), \$625,229.00.

PROFESSIONAL MEMBERSHIPS AND SERVICE:

2002 – Present	Member, American Statistical Association
2005 – 2011	Reviewer, HIV/AIDS section of APHA conference
2008 – Present	Reviewer, Journal of Holistic Nursing
2010	Reviewer, Journal of Studies on Alcohol and Drugs
2012 – 2018	Reviewer, JOGNN
2016 – 2018	Reviewer, Educational and Psychological Measurement
2017 – Present	Reviewer, American Journal of Preventive Medicine
2017 – 2018	Reviewer, Health and Quality of Life Outcomes
2017 – 2019	Reviewer, Journal of Educational Measurement
2017 – Present	Reviewer, Applied Nursing Research
2017 – 2020	Reviewer, BMC Geriatrics
2018 – Present	Reviewer, Public Health Nursing
2018 – 2019	Reviewer, BMC Cancer
2018 – Present	Reviewer, American Journal of Public Health
2018 – Present	Reviewer, Journal of Nursing Measurement
2020	Reviewer, Quality Management in Health Care
2021 – Present	Reviewer, Preventive Medicine
2022 – Present	Reviewer, Journal of Frailty & Aging
2022 – Present	Reviewer, Scientific Reports: A Nature Journal
2022 – Present	Reviewer, Western Journal of Nursing Research
2022 – Present	Reviewer, Journal of American College Health
2023 – Present	Reviewer, Journal of Emergency Nursing
2023 – Present	Reviewer, Journal of Clinical Nursing

UNIVERSITY AND UNIT SERVICE:

2011-2014	Member, PhD Council School of Nursing University of North Carolina at Greensboro
2013-2014	Member, Research Strategic Visioning Group School of Nursing University of North Carolina at Greensboro
2016-2022	Member, Faculty Matters Committee School of Nursing University of North Carolina at Greensboro
2018	Member, DNP Faculty Teaching Statistician Search Committee, School of Nursing University of North Carolina at Greensboro
2018-2023	Member, Research, Scholarship, & Innovation Committee, School of Nursing University of North Carolina at Greensboro
2018-2020	Faculty Mentor School of Nursing University of North Carolina at Greensboro
2019-2021	Chair, Research, Scholarship, & Innovation Committee, School of Nursing University of North Carolina at Greensboro

UNIVERSITY AND UNIT SERVICE (Continued):

2019-2021	Member, Search Committee for PhD Director School of Nursing University of North Carolina at Greensboro
2019-2022	Member, Faculty Grievance Committee University of North Carolina at Greensboro
2019-Present	Member, Tenure Track Search Committee, Assistant Professor Position, School of Nursing University of North Carolina at Greensboro
2021-Present	Member, Post-Doctoral Fellow Committee, School of Nursing University of North Carolina at Greensboro
2020-Present	Reviewer, Social & Behavioral Sciences Subcommittee Research Grants Committee University Internal Grant Awards University of North Carolina at Greensboro
2021-Present	Faculty Mentor School of Nursing University of North Carolina at Greensboro
2023-Present	Member, Enrichment, Recognition, & Awards Committee School of Nursing University of North Carolina at Greensboro

DOCTORAL DISSERTATION COMMITTEE MEMBERSHIP:

1. Anna Sams Boone, UNCG SON PhD alumnus. "An Exploration of the Relationship Between Frailty in the Older Adult and Recurrence of Clostridium Difficile." Successfully defended March 2, 2018.
2. Elizabeth Stone, UNCG SON PhD alumnus. "A Secondary Analysis to Inform a Clinical Decision Rule for Predicting Skull Fracture and Intracranial Injury in Children Under Age Two." Successfully defended October 18, 2018.
3. Astrid Oviedo, UNCG SON PhD alumnus. "Breast Cancer Literacy and Cultural Factors Influencing Mammogram Adherence Among Filipino American Women." Successfully defended February 12, 2019.
4. April Messer, UNCG SON PhD alumnus. "Nurses' Experiences Caring for Patients with Opioid Use Disorders." Successfully defended August 8, 2022.
5. Debra Neblett, UNCG SON PhD alumnus. "The Relationship Between Self-Care of Diabetes and Diabetes Distress in Non-Hispanic Black Adults Living with Type 2 Diabetes." Successfully defended October 13, 2022.

DOCTORAL DISSERTATION COMMITTEE MEMBERSHIP (Continued):

6. Maria Busam, UNCG SON PhD alumnus. "The Relationship Between Physical Activity, Stress, Obesity, and Depression Among Healthcare Professionals in the National Longitudinal Study of Adolescent to Adult Health." Successfully defended October 25, 2022.
7. Reham Yasin, Current UNCG PhD in Nursing student.
8. Cindy Woodrup, Current UNCG PhD in Nursing student.
9. Lawrencey Jones, Current UNCG PhD in Nursing student.
10. Kim Vogt, Current UNCG PhD in Nursing student.
11. Gabriel Montague, Current UNCG PhD in Nursing student.
12. Thomas Winn, Current UNCG PhD in Nursing student.
13. Christopher Barnes, Current UNCG PhD in Nursing student.
14. Darrick Woods, Current UNCG PhD in Nursing student.
15. Kathleen Langerman, Current UNCG PhD in Nursing student.

ACADEMIC TEACHING POSITIONS:

Summer 2007 & 2008	Instructor Department of Biostatistical Sciences Wake Forest University Health Sciences
2007-2011	Lecturer (Adjunct) School of Nursing UNC Greensboro
2011-2016	Visiting Assistant Professor School of Nursing UNC Greensboro
2016-2020	Clinical Associate Professor School of Nursing UNC Greensboro
2020-Present	Clinical Professor School of Nursing UNC Greensboro

UNDERGRADUATE COURSES TAUGHT:

Clemson University:

- MTHSC 101: Probability and Statistics (2 semesters)

GRADUATE COURSES TAUGHT:

Wake Forest University School of Medicine:

- HSRP 734: Advanced Statistical Methods (Co-Instructor for 2 semesters)

The University of North Carolina at Greensboro (all are Nursing PhD/DNP courses except ERM 682):

- NUR 701: Statistical Applications for Nursing Research I (15 semesters)
- NUR 702: Statistical Applications for Nursing Research II (14 semesters)
- NUR 707: Measurement in Nursing and Healthcare Research (7 semesters)
- ERM 682: Multivariate Analysis (1 semester)
- NUR 706: Biostatistics and Epidemiology Principles for Advanced Practice Nursing (1 semester)
- NUR 792: Independent Study: Clinical Decision Rule Methodology (1 semester)
- NUR 792: Independent Study: Survey Methodology (1 semester)
- NUR 792: independent Study: Multilevel Modeling in Health Care Research (1 semester)