**CURRICULUM VITAE**

**Charity G. (Moore) Patterson, PhD, MSPH**

Professor, Department of Physical Therapy

University of Pittsburgh

**CONTACT INFORMATION**

Name: Charity G. Moore (Patterson), PhD, MSPH

Business Address: 100 Technology Drive, Suite 210

Pittsburgh, PA

E-mail: cgp22@pitt.edu

Business Phone: (412) 383-4812 Business Fax:

**EDUCATION AND TRAINING**

**Undergraduate**

1991–1995 Eastern Kentucky University BS (1995), Statistics/Mathematics

Richmond, Kentucky

**Graduate**

1995–1997 University of South Carolina MSPH (1997) Biostatistics

Columbia, South Carolina

1997–2000 University of South Carolina PhD (2000), Biostatistics

Columbia, South Carolina

**APPOINTMENTS AND POSITIONS**

1995–2000 Teaching and Research Assistant, Department of Epidemiology and Biostatistics, University of South Carolina, Columbia, South Carolina.

1997–2000 Adjunct Faculty Member, Department of Developmental Studies, Midlands Technical College, Columbia, South Carolina.

1999–2000 Research Assistant, Ambulatory Care Center, University of South Carolina.

2000–2001 Assistant Professor of Preventive Medicine and Neurological Sciences, Departments of Preventive Medicine and Neurological Sciences, Rush Presbyterian–St. Luke’s Medical Center, Chicago, Illinois.

2002–2004 Assistant Director and Biostatistician, promoted to Associate Director and Biostatistician, South Carolina Rural Health Research Center, University of South Carolina.

2002–2004 Research Assistant Professor of Epidemiology and Biostatistics, Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina.

2005–2007 Research Fellow, Sheps Center for Health Services Research, University of North Carolina, Chapel Hill, North Carolina.

2005–2007 Research Assistant Professor of Medicine and Biostatistics, Division of General Medicine, Department of Medicine, and Department of Biostatistics, University of North Carolina.

2005–2007 Director, Biostatistics Shared Facility, Multidisciplinary Clinical Research Career Development Program, University of North Carolina.

2007–2008 Visiting Associate Professor of Medicine, Division of General Internal Medicine, Department of Medicine, School of Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania.

2007–2014 Core Faculty Member, Center for Research on Health Care, University of Pittsburgh.

2007–2014 Core Faculty Member, Institute for Clinical Research Education (ICRE), University of Pittsburgh.

2007–2014 Director, Clinical Trials Research Track, Master of Science Program in Clinical Research, ICRE, University of Pittsburgh.

2008–2013 Associate Professor of Medicine (primary appointment), Division of General Internal Medicine, Department of Medicine, School of Medicine, University of Pittsburgh.

2008–2013 Associate Professor of Biostatistics (secondary appointment), Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh.

2008–2013 Associate Professor of Clinical and Translational Science (secondary appointment), ICRE, University of Pittsburgh.

2009–2014 Affiliate Faculty Member, Section of Health Care Disparities and International Health, Division of General Internal Medicine, Department of Medicine, School of Medicine, University of Pittsburgh.

2011–2014 Director, Academic Programs, Institute for Clinical Research Education, University of Pittsburgh.

2013-2014 Professor of Medicine (primary appointment), Division of General Internal Medicine, Department of Medicine, School of Medicine, University of Pittsburgh.

2013-2014 Professor of Biostatistics (secondary appointment), Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh.

2013-2014 Professor of Clinical and Translational Science (secondary appointment), ICRE, University of Pittsburgh.

2015-2017 Director of Research in Biostatistics, Carolinas HealthCare System

2017-present Professor of Physical Therapy, University of Pittsburgh

**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

1996–2004 American Statistical Association.

1996–2005 American Public Health Association.

2000–2003, 2008 International Biometric Society, Eastern North American Region.

2007–present American Statistical Association

2008–present Society for Clinical Trials.

­­­­­­­­­­­­­­**HONORS AND AWARDS**

1995 Graduated with Honors and Distinction, Magna Cum Laude, Eastern Kentucky University.

1995–1999 Recipient, Public Health Traineeship, Health Resources and Services Administration (HRSA).

1998 Inductee, Delta Omega Public Health Honor Society.

1998–1999 Appointee, Dean’s Student Advisory Council, Arnold School of Public Health, University of South Carolina.

2000 Recipient, Outstanding Graduate Student in Biostatistics Award, University of South Carolina.

2001 Selected participant, Workshop for Junior Biostatisticians, Eastern North American Regional Meeting, International Biometric Society, Charlotte, North Carolina, March 2001.

2009 Selected participant, Mid-Career Women Faculty Development Seminar, Association of American Medical Colleges, Scottsdale, Arizona, December 2009.

2012 Selected participant, Executive Training in Academic Leadership, Office of Academic Career Development, University of Pittsburgh

­­­­­­­­­­­­­­**PUBLICATIONS**

**Refereed Articles**

1. Drowatzky KL, Durstine JL, Irwin ML, **Moore CG,** Davis PG, Hand GA, Gonzalez MF, Ainsworth BE. The association between physical activity, cardiorespiratory fitness, and lipoprotein(a) concentrations in a tri-ethnic sample of women: The Cross-Cultural Activity Participation Study. *Vasc Med.* 2001;6(1):15-21. PMID: 11358155.
2. Thomas LK, Sargent RG, Michels PC, Richter DL, Valois RF, **Moore CG**. Identification of the factors associated with compliance to therapeutic diets in older adults with end stage renal disease. *J Ren Nutr.* 2001 Apr;11(2):80-9. PMID: 11295028.
3. **Moore CG**, Wilson-Witherspoon P, Probst JC. Time and money: effects of no-shows at a family practice residency clinic. *Fam Med.* 2001 Jul-Aug;33(7):522-7. PMID: 11456244.
4. Flament D, Shapiro MB, Pfann KD, **Moore CG**, Penn RD, Corcos DM. Reaction time is not impaired by stimulation of the ventral-intermediate nucleus of the thalamus (Vim) in patients with tremor. *Mov Disord.* 2002 May;17(3):488-92. PMID: 12112195.
5. Ruland S, Gorelick PB, Schneck M, Kim D, **Moore CG**, Leurgans S. Acute stroke care in Illinois: a statewide assessment of diagnostic and treatment capabilities*. Stroke.* 2002 May;33(5):1334-9. PMID: 11988612.
6. Shapiro MB, Gottlieb GL, **Moore CG**, Corcos DM. Electromyographic responses to an unexpected load in fast voluntary movements: descending regulation of segmental reflexes. *J Neurophysiol.* 2002 Aug;88(2):1059-63. PMID: 12163554.
7. Probst JC, **Moore CG**, Baxley EG, Lammie JJ. Rural-urban differences in visits to primary care physicians*. Fam Med.* 2002 Sep;34(8):609-15. PMID: 12269538.
8. Pfann KD, Corcos DM, **Moore CG**, Hasan Z. Circle-drawing movements at different speeds: role of inertial anisotropy. *J Neurophysiol.* 2002 Nov;88(5):2399-407. PMID: 12424281.
9. Diederich NJ, **Moore CG**, Leurgans SE, Chmura TA, Goetz CG. Parkinson disease with old-age onset: a comparative study with subjects with middle-age onset. *Arch Neurol.* 2003 Apr;60(4):529-33. PMID: 12707066.
10. Cubo E, **Moore CG**, Leurgans S, Goetz CG. Wheeled and standard walkers in Parkinson's disease patients with gait freezing. *Parkinsonism Relat Disord.* 2003 Oct;10(1):9-14. PMID: 14499200.
11. Patterson PD, **Moore CG**, Probst JC, Shinogle JA. Obesity and physical inactivity in rural America*. J Rural Health.* 2004 Spring;20(2):151-9. PMID: 15085629.
12. Glover S, **Moore CG**, Samuels ME, Probst JC. Disparities in access to care among rural working-age adults. *J Rural Health.* 2004 Summer;20(3):193-205. PMID: 15298093.
13. Goetz CG, Poewe W, Rascol O, Sampaio C, Stebbins GT, Counsell C, Giladi N, Holloway RG, **Moore CG**, Wenning GK, Yahr MD, Seidl L; Movement Disorder Society Task Force on Rating Scales for Parkinson's Disease. Movement Disorder Society Task Force report on the Hoehn and Yahr staging scale: status and recommendations. *Mov Disord.* 2004 Sep;19(9):1020-8. PMID: 15372591.
14. Heffez DS, Ross RE, Shade-Zeldow Y, Kostas K, Shah S, Gottschalk R, Elias DA, Shepard A, Leurgans SE, **Moore CG**. Clinical evidence for cervical myelopathy due to Chiari malformation and spinal stenosis in a non-randomized group of patients with the diagnosis of fibromyalgia. *Eur Spine J.* 2004 Oct;13(6):516-23. Epub 2004 Apr 9. PMID: 15083352; PMCID: PMC3476600.
15. Probst JC, **Moore CG**, Glover SH, Samuels ME. Person and place: the compounding effects of race/ethnicity and rurality on health. *Am J Public Health.* 2004 Oct;94(10):1695-703. PMID: 15451735; PMCID: PMC1448519.
16. Liese AD, Schulz M, **Moore CG**, Mayer-Davis EJ. Dietary patterns, insulin sensitivity and adiposity in the multi-ethnic Insulin Resistance Atherosclerosis Study population. *Br J Nutr.* 2004 Dec;92(6):973-84. PMID: 15613260.
17. Schulz M, Liese AD, Boeing H, Cunningham JE, **Moore CG**, Kroke A. Associations of short-term weight changes and weight cycling with incidence of essential hypertension in the EPIC-Potsdam Study. *J Hum Hypertens.* 2005 Jan;19(1):61-7. PMID: 15343355.
18. Adams SA, Matthews CE, Ebbeling CB, **Moore CG**, Cunningham JE, Fulton J, Hebert JR. The effect of social desirability and social approval on self-reports of physical activity. *Am J Epidemiol.* 2005 Feb 15;161(4):389-98. *Erratum in: Am J Epidemiol*. 2005 May 1;161(9):899. PMID: 15692083; PMCID: PMC2958515.
19. Probst JC, **Moore CG**, Baxley EG. Update: health insurance and utilization of care among rural adolescents. *J Rural Health.* 2005 Fall;21(4):279-87. PMID: 16294649.
20. Usdan SL, **Moore CG**, Schumacher JE, Talbott LL. Drinking locations prior to impaired driving among college students: implications for prevention. *J Am Coll Health.* 2005 Sep-Oct;54(2):69-75. PMID: 16255317.
21. Cuffe SP, **Moore CG**, McKeown RE. Prevalence and correlates of ADHD symptoms in the national health interview survey. *J Atten Disord.* 2005 Nov;9(2):392-401. PMID: 16371662.
22. Thorpe DE, Dusing SC, **Moore CG**. Repeatability of temporospatial gait measures in children using the GAITRite electronic walkway. *Arch Phys Med Rehabil.* 2005 Dec;86(12):2342-6. PMID: 16344033.
23. Patterson PD, Probst JC, **Moore CG**. Expected annual emergency miles per ambulance: an indicator for measuring availability of Emergency Medical Services resources. *J Rural Health.* 2006 Spring;22(2):102-11. PMID: 16606420.
24. Muhlebach MS, Miller MB, **Moore CG**, Wedd JP, Drake AF, Leigh MW. Are lower airway or throat cultures predictive of sinus bacteriology in cystic fibrosis? *Pediatr Pulmonol.* 2006 May;41(5):445-51. PMID: 16547960.
25. Adams SA, Matthews CE, Hebert JR, **Moore CG**, Cunningham JE, Shu XO, Fulton J, Gao Y, Zheng W. Association of physical activity with hormone receptor status: the Shanghai Breast Cancer Study. *Cancer Epidemiol Biomarkers Prev*. 2006 Jun;15(6):1170-8. PMID: 16775177; PMCID: PMC2965476.
26. Ataga KI, **Moore CG**, Jones S, Olajide O, Strayhorn D, Hinderliter A, Orringer EP. Pulmonary hypertension in patients with sickle cell disease: a longitudinal study. *Br J Haematol.* 2006 Jul;134(1):109-15. PMID: 16803576.
27. Probst JC, Laditka SB, **Moore CG**, Harun N, Powell MP, Baxley EG. Rural-urban differences in depression prevalence: implications for family medicine. *Fam Med.* 2006 Oct;38(9):653-60. PMID: 17009190.
28. Patterson PD, **Moore CG**, Brice JH, Baxley EG. Use of ED diagnosis to determine medical necessity of EMS transports. *Prehosp Emerg Care.* 2006 Oct-Dec;10(4):488-93. PMID: 16997780.
29. Patterson PD, Baxley EG, Probst JC, Hussey JR, **Moore CG**. Medically unnecessary emergency medical services (EMS) transports among children ages 0 to 17 years. *Matern Child Health J.* 2006 Nov;10(6):527-36. Epub 2006 Jul 1. PMID: 16816999.
30. **Moore CG**, Probst JC, Tompkins M, Cuffe S, Martin AB. The prevalence of violent disagreements in US families: effects of residence, race/ethnicity, and parental stress. *Pediatrics.* 2007 Feb;119 Suppl 1:S68-76. PMID: 17272588.
31. Bennett KJ, **Moore CG**, Probst JC. Estimating uncompensated care charges at rural hospital emergency departments. *J Rural Health.* 2007 Summer;23(3):258-63. PMID: 17565527.
32. Ford SK, Misita CP, Shilliday BB, Malone RM, **Moore CG**, Moll S. Prospective study of supplemental vitamin K therapy in patients on oral anticoagulants with unstable international normalized ratios. *J Thromb Thrombolysis*. 2007 Aug;24(1):23-7. Epub 2007 Feb 24. PMID: 17323135.
33. Probst JC, Laditka SB, **Moore CG**, Harun N, Powell MP. Race and ethnicity differences in reporting of depressive symptoms. *Adm Policy Ment Health.* 2007 Nov;34(6):519-29. Epub 2007 Sep 11. PMID: 17849182.
34. Natarajan S, Lipsitz SR, Fitzmaurice G, **Moore CG**. Variance estimation in complex survey sampling for generalized linear models. *Applied Statistics* 2008;57:75-87.
35. Ataga KI, **Moore CG**, Hillery CA, Jones S, Whinna HC, Strayhorn D, Sohier C, Hinderliter A, Parise LV, Orringer EP. Coagulation activation and inflammation in sickle cell disease-associated pulmonary hypertension. *Haematologica.* 2008 Jan;93(1):20-6. PMID: 18166781.
36. Hayden MK, Blom DW, Lyle EA, **Moore CG**, Weinstein RA. Risk of hand or glove contamination after contact with patients colonized with vancomycin-resistant enterococcus or the colonized patients' environment*. Infect Control Hosp Epidemiol.* 2008 Feb;29(2):149-54. PMID: 18179370.
37. Mink M, Wang JY, Bennett KJ, **Moore CG**, Powell MP, Probst JC. Early alcohol use, rural residence, and adult employment. *J Stud Alcohol Drugs.* 2008 Mar;69(2):266-74. PMID: 18299768
38. Zolnoun DA, Rohl J, **Moore CG**, Perinetti-Liebert C, Lamvu GM, Maixner W. Overlap between orofacial pain and vulvar vestibulitis syndrome. *Clin J Pain.* 2008 Mar-Apr;24(3):187-91. PMID: 18287822; PMCID: PMC2590785.
39. Lewis CL, **Moore CG**, Golin CE, Griffith J, Tytell-Brenner A, Pignone MP. Resident physicians' life expectancy estimates and colon cancer screening recommendations in elderly patients. *Med Decis Making.* 2008 Mar-Apr;28(2):254-61. Epub 2008 Mar 18. PMID: 18349429; PMCID: PMC3192535.
40. Esther CR Jr, Alexis NE, Clas ML, Lazarowski ER, Donaldson SH, Ribeiro CM, **Moore CG**, Davis SD, Boucher RC. Extracellular purines are biomarkers of neutrophilic airway inflammation. *Eur Respir J.* 2008 May;31(5):949-56. Epub 2008 Feb 6. PMID: 18256064; PMCID: PMC2723793.
41. Fecho K, **Moore CG**, Lunney AT, Rock P, Norfleet EA, Boysen PG. Anesthesia-related perioperative adverse events during in-patient and out-patient procedures. *Int J Health Care Qual Assur.* 2008;21(4):396-412. PMID: 18785466.
42. Gartlehner G, **Moore CG**. Direct versus indirect comparisons: a summary of the evidence. *Int J Technol Assess Health Care.* 2008 Spring;24(2):170-7. Review. PMID: 18400120.
43. Hansen RA, Gaynes BN, Gartlehner G, **Moore CG**, Tiwari R, Lohr KN. Efficacy and tolerability of second-generation antidepressants in social anxiety disorder. *Intb Clin Psychopharmacol.* 2008 May;23(3):170-9. Review. PMID: 18408531; PMCID: PMC2657552.
44. Hansen RA, Gartlehner G, Webb AP, Morgan LC, **Moore CG**, Jonas DE. Efficacy and safety of donepezil, galantamine, and rivastigmine for the treatment of Alzheimer's disease: a systematic review and meta-analysis. *Clin Interv Aging.* 2008;3(2):211-25. Review. PMID: 18686744; PMCID: PMC2546466.
45. Probst JC, Wang JY, Martin AB, **Moore CG**, Paul BM, Samuels ME. Potentially violent disagreements and parenting stress among American Indian/Alaska Native families: analysis across seven states. *Matern Child Health J.* 2008 Jul;12 Suppl 1:91-102. Epub 2008 Jun 4. PMID: 18523882.
46. Probst JC, Wang JY, **Moore CG**, Powell MP, Martin AB. Continuity of health insurance coverage and perceived health at age 40. *Med Care Res Rev.* 2008 Aug;65(4):450-77. Epub 2008 May 19. PMID: 18490702.
47. Johnson AO, Mink MD, Harun N, **Moore CG**, Martin AB, Bennett KJ. Violence and drug use in rural teens: national prevalence estimates from the 2003 Youth Risk Behavior Survey. *J Sch Health.* 2008 Oct;78(10):554-61. PMID: 18808475.
48. Roth MT, **Moore CG**, Ivey JL, Esserman DA, Campbell WH, Weinberger M. The quality of medication use in older adults: methods of a longitudinal study. *Am J Geriatr Pharmacother.* 2008 Oct;6(4):220-33. PMID: 19028378; PMCID: PMC2672424.
49. Zolnoun D, Park EM, **Moore CG**, Liebert CA, Tu FF, As-Sanie S. Somatization and psychological distress among women with vulvar vestibulitis syndrome. *Int J Gynaecol Obstet.* 2008 Oct;103(1):38-43. Epub 2008 Jul 16. PMID: 18635182; PMCID: PMC2574014.
50. Gartlehner G, Gaynes BN, Hansen RA, Thieda P, DeVeaugh-Geiss A, Krebs EE, **Moore CG**, Morgan L, Lohr KN. Comparative benefits and harms of second-generation antidepressants: background paper for the American College of Physicians. *Ann Intern Med.* 2008 Nov 18;149(10):734-50. Review. PMID: 19017592.
51. Cuffe SP, **Moore CG**, McKeown R. ADHD and health services utilization in the national health interview survey. *J Atten Disord.* 2009 Jan;12(4):330-40. PMID: 19095891.
52. Hansen RA, **Moore CG**, Dusetzina SB, Leinwand BI, Gartlehner G, Gaynes BN. Controlling for drug dose in systematic review and meta-analysis: a case study of the effect of antidepressant dose. *Med Decis Making.* 2009 Jan-Feb;29(1):91-103. Epub 2009 Jan 13. Review. PMID: 19141788; PMCID: PMC2657322.
53. Piva SR, Gil AB, **Moore CG**, Fitzgerald GK. Responsiveness of the activities of daily living scale of the knee outcome survey and numeric pain rating scale in patients with patellofemoral pain. *J Rehabil Med.* 2009 Feb;41(3):129-35. PMID: 19229444.
54. Hansen RA, Song L, **Moore CG**, Gilsenan AW, Kim MM, Calloway MO, Murray MD. Effect of ropinirole on sleep outcomes in patients with restless legs syndrome: meta-analysis of pooled individual patient data from randomized controlled trials. *Pharmacotherapy.* 2009 Mar;29(3):255-62. PMID: 19249945.
55. Esserman DA, **Moore CG**, Roth MT. Analysis of Binary Adherence Data in the Setting of Polypharmacy: A Comparison of Different Approaches. *Stat Biopharm Res.* 2009 May 1;1(2):201-212. PMID: 20414358; PMCID: PMC2857786.
56. **Moore CG**, Lipsitz SR, Addy CL, Hussey JR, Fitzmaurice G, Natarajan S. Logistic regression with incomplete covariate data in complex survey sampling: application of reweighted estimating equations. *Epidemiology.* 2009 May;20(3):382-90. PMID: 19289959.
57. Reynolds JC, Callaway CW, El Khoudary SR, **Moore CG**, Alvarez RJ, Rittenberger JC. Coronary angiography predicts improved outcome following cardiac arrest: propensity-adjusted analysis. *J Intensive Care Med.* 2009 May-Jun;24(3):179-86. Epub 2009 Mar 25. Review. PMID: 19321536; PMCID: PMC2861165.
58. Butt AA, Wang X, **Moore CG**. Effect of hepatitis C virus and its treatment on survival. *Hepatology.* 2009 Aug;50(2):387-92. PMID: 19591128.
59. Morone NE, Rollman BL, **Moore CG**, Li Q, Weiner DK. A mind-body program for older adults with chronic low back pain: results of a pilot study. *Pain Med.* 2009 Nov;10(8):1395-407. PMID: 20021599; PMCID: PMC2849802.
60. Patterson PD, **Moore CG**, Sanddal ND, Wingrove G, LaCroix B. Characterizing job satisfaction and intent to leave among nationally registered emergency medical technicians: an analysis of the 2005 LEADS survey. *J Allied Health.* 2009 Fall;38(3):e84-91. PMID: 19753419.
61. Taioli E, Garza MA, Ahn YO, Bishop DT, Bost J, Budai B, Chen K, Gemignani F, Keku T, Lima CS, Le Marchand L, Matsuo K, Moreno V, Plaschke J, Pufulete M, Thomas SB, Toffoli G, Wolf CR, **Moore CG**, Little J. Meta- and pooled analyses of the methylenetetrahydrofolate reductase (MTHFR) C677T polymorphism and colorectal cancer: a HuGE-GSEC review. *Am J Epidemiol.* 2009 Nov 15;170(10):1207-21. Epub 2009 Oct 21. Review. PMID: 19846566; PMCID: PMC2781761.
62. Foley CJ, Nichols L, Jeong K, **Moore CG**, Ragni MV. Coronary atherosclerosis and cardiovascular mortality in hemophilia. *J Thromb Haemost.* 2010 Jan;8(1):208-11. Epub 2009 Oct 26. PMID: 19874455; PMCID: PMC2881951.
63. Borrero S, **Moore CG**, Qin L, Schwarz EB, Akers A, Creinin MD, Ibrahim SA. Unintended pregnancy influences racial disparity in tubal sterilization rates. *J Gen Intern Med.* 2010 Feb;25(2):122-8. Epub 2009 Dec 5. PMID: 19967463; PMCID: PMC2837493.
64. Cuddeback G, Patterson PD, **Moore CG**, Brice JH. Utilization of emergency medical transports and hospital admissions among persons with behavioral health conditions. *Psychiatr Serv.* 2010 Apr;61(4):412-5. PMID: 20360283.
65. Mink M, Evans A, **Moore CG**, Calderon KS, Deger S. Nutritional imbalance endorsed by televised food advertisements. *J Am Diet Assoc.* 2010 Jun;110(6):904-10. PMID: 20497780.
66. Borrero S, **Moore CG**, Creinin MD, Ibrahim SA. Low rates of vasectomy among minorities: a result of differential receipt of counseling? *Am J Mens Health.* 2010 Sep;4(3):243-9. Epub 2009 Aug 25. PMID: 19706674; PMCID: PMC2891806.
67. Ragni MV, **Moore CG**, Soadwa K, Nalesnik MA, Zajko AB, Cortese-Hassett A, Whiteside TL, Hart S, Zeevi A, Li J, Shaikh OS; HHH Study Group. Impact of HIV on liver fibrosis in men with hepatitis C infection and haemophilia. *Haemophilia.* 2011 Jan;17(1):103-11. Epub 2010 Aug 16. PMID: 20722744; PMCID: PMC2990788.
68. Balzar S, Fajt ML, Comhair SA, Erzurum SC, Bleecker E, Busse WW, Castro M, Gaston B, Israel E, Schwartz LB, Curran-Everett D, **Moore CG**, Wenzel SE. Mast cell phenotype, location, and activation in severe asthma. Data from the Severe Asthma Research Program. *Am J Respir Crit Care Med.* 2011 Feb 1;183(3):299-309. Epub 2010 Sep 2. PMID: 20813890; PMCID: PMC3056228.
69. Jain S, Siegle GJ, Gu C, **Moore CG**, Ivanco LS, Jennings JR, Steinhauer SR, Studenski S, Greenamyre JT. Autonomic insufficiency in pupillary and cardiovascular systems in Parkinson's disease. *Parkinsonism Relat Disord.* 2011 Feb;17(2):119-22. Epub 2010 Nov 27. PMID: 21115264; PMCID: PMC3034773.
70. Abdel-Kader K, Fischer GS, Johnston JR, Gu C, **Moore CG**, Unruh ML. Characterizing pre-dialysis care in the era of eGFR reporting: a cohort study. *BMC Nephrol.* 2011 Mar 15;12:12. PMID: 21406096; PMCID: PMC3065401.
71. Watson LC, Lewis CL, **Moore CG**, Jeste DV. Perceptions of depression among dementia caregivers: findings from the CATIE-AD trial. *Int J Geriatr Psychiatry*. 2011 Apr;26(4):397-402. Epub 2010 Sep 15. PMID: 20845401.
72. Colburn D, Suyama J, Reis SE, Morley JL, Goss FL, Chen YF, **Moore CG**, Hostler D. A comparison of cooling techniques in firefighters after a live burn evolution. *Prehosp Emerg Care.* 2011 Apr-Jun;15(2):226-32. Epub 2011 Feb 4. PMID: 21294631; PMCID: PMC3086381.
73. Bujnicki HC, Sidonio RF, Kempton C, Kouides PA, Kulkarni R, Nugent DJ, Yee DL, **Moore CG**, Ragni MV. Screening for von Willebrand disease in children: a case-control study. *J Thromb Haemost.* 2011 May;9(5):1086-9. PMID: 21410642.
74. Herrle SR, Corbett EC Jr, Fagan MJ, **Moore CG**, Elnicki DM. Bayes' theorem and the physical examination: probability assessment and diagnostic decision making. *Acad Med.* 2011 May;86(5):618-27. PMID: 21436660; PMCID: PMC3427763.
75. Jain S, Siegle GJ, Gu C, **Moore CG**, Ivanco LS, Studenski S, Greenamyre JT, Steinhauer SR. Pupillary unrest correlates with arousal symptoms and motor signs in Parkinson disease. *Mov Disord.* 2011 Jun;26(7):1344-7. Epub 2011 Apr 19. PMID: 21506163; PMCID: PMC3119728.
76. Rajakumar K, Holick MF, Jeong K, **Moore CG**, Chen TC, Olabopo F, Haralam MA, Nucci A, Thomas SB, Greenspan SL. Impact of season and diet on vitamin D status of African American and Caucasian children. *Clin Pediatr (Phila).* 2011 Jun;50(6):493-502. PMID: 21565884; PMCID: PMC3296802.
77. Wang JY, Probst JC, **Moore CG**, Martin AB, Bennett KJ. Place of origin and violent disagreement among Asian American families: analysis across five States. *J Immigr Minor Health.* 2011 Aug;13(4):635-46. PMID: 20938743.
78. Almeida GJ, Wasko MC, Jeong K, **Moore CG**, Piva SR. Physical activity measured by the SenseWear Armband in women with rheumatoid arthritis. *Phys Ther.* 2011 Sep;91(9):1367-76. Epub 2011 Jun 30. PMID: 21719635; PMCID: PMC3169787.
79. **Moore CG**, Carter RE, Nietert PJ, Stewart PW. Recommendations for planning pilot studies in clinical and translational research. *Clin Transl Sci.* 2011 Oct;4(5):332-7. Review. PMID: 22029804; PMCID: PMC3203750.
80. Ragni MV, **Moore CG**. Atherosclerotic heart disease: prevalence and risk factors in hospitalized men with haemophilia A. *Haemophilia.* 2011 Nov;17(6):867-71. Epub 2011 Mar 4. PMID: 21371197; PMCID: PMC3134626.
81. Abdel-Kader K, Fischer GS, Li J, **Moore CG**, Hess R, Unruh ML. Automated clinical reminders for primary care providers in the care of CKD: a small cluster-randomized controlled trial. *Am J Kidney Dis.* 2011 Dec;58(6):894-902. Epub 2011 Oct 7. PMID: 21982456; PMCID: PMC3221894.
82. Machi MS, Staum M, Callaway CW, **Moore CG**, Jeong K, Suyama J, Patterson PD, Hostler D. The relationship between shift work, sleep, and cognition in career emergency physicians. *Acad Emerg Med.* 2012 Jan;19(1):85-91. Epub 2012 Jan 5. PMID: 22221346.
83. Morone NE, Greco CM, Rollman BL, **Moore CG**, Lane B, Morrow L, Glynn NW, Delaney J, Albert SM, Weiner DK. The design and methods of the aging successfully with pain study. *Contemp Clin Trials.* 2012 Mar;33(2):417-25. Epub 2011 Nov 15. PMID: 22115971; PMCID: PMC3268822.
84. Lewis CL, Brenner AT, Griffith JM, **Moore CG**, Pignone MP. Two controlled trials to determine the effectiveness of a mailed intervention to increase colon cancer screening. *N C Med J.* 2012 Mar-Apr;73(2):93-8. PMID: 22860316; PMCID: PMC3983944.
85. Hoshino Y, Araujo P, Ahlden M, **Moore CG**, Kuroda R, Zaffagnini S, Karlsson J, Fu FH, Musahl V. Standardized pivot shift test improves measurement accuracy. *Knee Surg Sports Traumatol Arthrosc.* 2012 Apr;20(4):732-6. Epub 2011 Dec 29. PMID: 22205096.
86. Novelli EM, Huynh C, Gladwin MT, **Moore CG,** Ragni MV. Pulmonary embolism in sickle cell disease: a case-control study. *J Thromb Haemost.* 2012 May;10(5):760-6. PMID: 22417249; PMCID: PMC3343190.
87. Ragni MV, **Moore CG**, Bias V, Key NS, Kouides PA, Francis CW; Hemostasis Thrombosis Research Society (HTRS). Challenges of rare disease research: limited patients and competing priorities. *Haemophilia.* 2012 May;18(3):e192-4. Epub 2011 Sep 13. PMID: 21910791.
88. Talbott LL, **Moore CG**, Usdan SL. Social modeling influences and alcohol consumption during the first semester of college: a natural history study. *Subst Abus.* 2012;33(2):146-55. PMID: 22489587.
89. Weaver MD, **Moore CG**, Patterson PD, Yealy DM. Medical necessity in emergency medical services transports. *Am J Med Qual.* 2012 May-Jun;27(3):250-5. Epub 2011 Dec 27. PMID: 22202558.
90. Feingold B, Park SY, Comer DM, **Moore CG**, Webber SA, Bryce CL. Outcomes after listing with a requirement for a prospective crossmatch in pediatric heart transplantation. *J Heart Lung Transplant.* 2013 Jan;32(1):56-62. Epub 2012 Nov 13. PMID: 23157944; PMCID: PMC3603363.
91. Rao CK, **Moore CG**, Bleecker E, Busse WW, Calhoun W, Castro M, Chung KF, Erzurum SC, Israel E, Curran-Everett D, Wenzel SE. Characteristics of perimenstrual asthma and its relation to asthma severity and control: data from the Severe Asthma Research Program. *Chest.* 2013 Apr;143(4):984-92. PMID: 23632943; PMCID: PMC3747720.
92. **Moore CG**, Schenkman M, Kohrt WM, Delitto A, Hall DA, Corcos D. Study in Parkinson disease of exercise (SPARX): translating high-intensity exercise from animals to humans. *Contemp Clin Trials.* 2013 Sep;36(1):90-8. Epub 2013 Jun 14. PMID: 23770108; PMCID: PMC3769494.
93. Yonas MA, Marsland AL, Emeremni CA, **Moore CG**, Holguin F, Wenzel S. Depressive symptomatology, quality of life and disease control among individuals with well-characterized severe asthma. *J Asthma.* 2013 Oct;50(8):884-90. Epub 2013 Jul 15. PMID: 23725317; PMCID: PMC4029326
94. Weiner DK, **Moore CG**, Morone NE, Lee ES, Kent Kwoh C. Efficacy of periosteal stimulation for chronic pain associated with advanced knee osteoarthritis: a randomized, controlled clinical trial. *Clin Ther.* 2013 Nov;35(11):1703-20.e5. Epub 2013 Nov 1. PMID: 24184053.
95. Miskulin DC, Abebe KZ, Chapman AB, Perrone RD, Steinman TI, Torres VE, Bae KT, Braun W, Winklhofer FT, Hogan MC, Rahbari-Oskoui F, **Moore CG**, Flessner MF, Schrier RW; HALT-PKD Study. Health-related quality of life in patients with autosomal dominant polycystic kidney disease and CKD stages 1-4: a cross-sectional study. *Am J Kidney Dis.* 2014 Feb;63(2):214-26. Epub 2013 Nov 1. PMID: 24183837.
96. Wysocki K, Park SY, Bleecker E, Busse W, Castro M, Chung KF, Gaston B, Erzurum S, Israel E, Teague WG, **Moore CG**, Wenzel S. Characterization of factors associated with systemic corticosteroid use in severe asthma: data from the Severe Asthma Research Program. *J Allergy Clin Immunol.* 2014 Mar;133(3):915-8. Epub 2013 Dec 9. PMID: 24332222.
97. Hostler D, Suyama J, Guyette FX, **Moore CG**, Pryor RR, Khorana P, McEntire SJ, Comer D, Reis SE. A Randomized Controlled Trial of Aspirin and Exertional Heat Stress Activation of Platelets in Firefighters during Exertion in Thermal Protective Clothing. *Prehosp Emerg Care.* 2014 Feb 18. [Epub ahead of print] PMID: 24548114.
98. Rajakumar K, Holick MF, **Moore CG**, Cohen E, Olabopo F, Haralam MA, Bogusz J, Nucci A, Greenspan SL. Impact of seasonal flux on 25-hydroxyvitamin D and bone turnover in pre- and early pubertal youth. *Pediatr Int.* 2014 Feb;56(1):35-42. PMID: 24003769; PMCID: PMC3944137.
99. Marcum ZA, Zhan HL, Perera S, **Moore CG**, Fitzgerald K, Weiner DK (2014). Correlates of gait speed in advanced knee osteoarthritis. *Pain Medicine* 15(8):1334-42.
100. Fowler NR, Johnson K, Li J, **Moore CG**, Saba S, Lopez O, Barnato AE. (2014) Use of cardiac implantable electronic devices in older adults with cognitive impairment. *JAMA Internal Medicine* 174(9):1514-6.
101. Patterson PD, **Moore CG**, Weaver MD, Buysse DJ, Suffoletto BP, Callaway CW, Yealy DM. (2014) Mobile phone text messaging intervention to improve alertness and reduce sleepiness and fatigue during shiftwork among emergency medicine clinicians: Study protocol for the SleepTrackTXT pilot randomized controlled trial. *Trials*.2014 Jun21;15:244.
102. Talbott LL, **Moore CG**, Usdan SL, Wilkinson LL (2014). The role of injunctive norms and alcohol use during the first-semester of college. *Journal of Alcohol and Drug Education* 58(1): 60-81.
103. Seaman CD, Yabes J, Li J, **Moore CG**, Ragni MV. (2014) Venous thromboembolism in pregnant women with sickle cell disease: A retrospective database analysis. *Thromb Res* 134(6):1249-52.
104. Torres VE, Abebe KZ, Chapman AB, Schrier RS, Braun WE, Steinman TI, Winklhofer FT, Brasnahan G, Czarnecki PG, Hogan MC, Miskulin DC, Rahbari-Oskoui FF, Grantham JJ, Harris PC, Flessner MF, **Moore CG**, Perrone RD, for the HALT PKD Trial Investigators. Angiotensin Blockade in Late Autosomal Dominant Polycystic Kidney Disease *NEJM* 371(24):2267-76 PMCID: PMC4284824
105. Schrier RS, Abebe KZ, Perrone RD, Torres VE, Braun WE, Steinman TI, Winklhofer FT, Brasnahan G, Czarnecki PG, Hogan MC, Miskulin DC, Rahbari-Oskoui FF, Grantham JJ, Harris PC, Flessner MF, **Moore CG**, Chapman AB. “Blood Pressure in Early Autosomal Dominant Polycystic Kidney Disease” *NEJM* 371(24):2255-66. PMCID: PMC4343258
106. Hogan MC, Abebe K, Torres VE, Chapman AB, Bae KT, Tao C, Sun H, Perrone RD, Steinman TI, Braun W, Winklhofer FT, Miskulin DC, Rahbari-Oskoui F, Brosnahan G, Masoumi A, Karpov IO, Spillane S, Flessner M, **Moore CG**, Schrier RW. (2015) Liver involvement in early autosomal-dominant polycystic kidney disease. *Clin Gastroenterol Hepatol* 13(1):155-164.
107. Schenker Y, Arnold R, Chu E, Ellis P, Ford C, McCarthy L, **Moore CG**, Nikolajski P, Rosenzweig M, Tiver G, White D. (2015) Care management by oncology nurses to address palliative care needs: A pilot trial to assess feasibility, acceptability and perceived effectiveness of the CONNECT intervention. *Journal of Palliative Medicine* Mar;18(3):232-40.
108. Delitto A, Piva SR, **Moore CG**, Fritz JM, Wisniewski SR, Josbeno DA, Fye M, Welch WC (2015). Surgery versus nonsurgical treatment for lumbar spinal stenosis: A comparative effectiveness study with 2-year follow-up. *Annals of Internal Medicine* 162(7):465-73.
109. Roy TC, Piva SR, Christiansen BC, Lesher JD, Doyle PM, Waring RM, Irrgang JJ, **Moore CG**, Brininger TL, Sharp MA (2015). Description of musculoskeletal injuries occurring in female soldiers deployed to Afghanistan. *Military Medicine* 180(3): 269-75.
110. McTigue KM, Stepp S, **Moore CG**, Cohen ED, Hipwell AE, Loeber R, Kuller LH. (2015). The development of youth-onset severe obesity in urban US girls. *Journal of Clinical and Translational Endocrinology*. 2015 Dec;2(4):150-156. Epub 2015 Jun 6.
111. McTigue KM, Cohen ED, **Moore CG**, Hipwell AE, Loeber Rolf, Kuller LH. (2015) Urban neighborhood features and longitudinal weight development in girls. *American Journal of Preventive Medicine* 8(6):770-5. PMID: 26332763.
112. Rajakumar K, **Moore CG**,Yabes J, Olabopo F, Haralam MA, Comer D, Bogusz J, Nucci A, Sereika S, Dunbar-Jacob J, Holick MF, Greenspan SL. (2015) Effect of vitamin D3 supplementation in black and in white children: a randomized, placebo-controlled trial. *The Journal of Clinical Endocrinology & Metabolism* 2015 Aug;100(8):3183-92. doi: 10.1210/jc.2015-1643. Epub 2015 Jun 19. PMID: 26091202 PMCID: PMC4524986
113. Weaver MD, Patterson PD, Fabio F, **Moore CG**, Freiberg MS, Songer TJ. (2015) The association between weekly work hours, crew familiarity, and occupational injury and illness in emergency medical services workers. *American Journal of Industrial Medicine*, 2015 Dec;58(12):1270-7. doi: 10.1002/ajim.22510. Epub 2015 Aug 25
114. Patterson PD, Buysse DJ, Weaver MD, Doman JM, **Moore CG**, Suffoletto BP, McManigle KL, Callaway CW, Yealy DM. (2015) Real-time fatigue reduction in emergency care clinicians: The SleepTrackTXT Randomized Trial. *American Journal of Industrial Medicine* 2015 Aug 25. doi: 10.1002/ajim.22503. [Epub ahead of print]
115. **Moore CG**, Spillane S, Simon G, Maxwell B, Rahbari-Oskoui FF, Braun WE, Chapman AB, Schrier RW, Torres VE, Perrone RD, Steinman TI, Brosnahan G, Czarnecki PG, Harris PC, Miskulin DC, Flessner MF, Bae KT, Abebe KZ, Hogan MC (2015) Closeout of the HALT PKD trials. *Contemporary Clinical Trials* 2015 Jul 29;44:48-55 doi: 10.1016/j.cct.2015.07.017. [Epub ahead of print]. PMCID: PMC4732941
116. Malec LM, **Moore CG**, Yabes J, Li J, Ragni MV. (2015) Postpartum haemorrhage in women with von Willebrand disease: an observation study of the Pennsylvania Health Care Cost Containment Council (PHC4) database. *Haemophilia* 2015 Jul 20. doi: 10.1111/hae.12739. [Epub ahead of print].
117. Piva SR, **Moore CG**, Schneider M, Gil AB, Almeida GJ, Irrgang JJ (2015) A randomized trial to compare exercise treatment methods for patients after total knee replacement: protocol paper. *BMC Musculoskeletal Disorders* 2015 Oct 16;16:303.
118. Robinson GFWB, McTigue K, **Moore CG**, Rubio DM, Kapoor WN (2015) Assessing Competencies in a Master of Science in Clinical Research Program: The Comprehensive Competency Review*. Clinical and Translational Science*. 2015 Dec;8(6):770-5. doi: 10.1111/cts.12322. Epub 2015 Aug 29.
119. Weaver MD, Patterson PD, Fabio F, **Moore CG**, Freiberg MS, Songer TJ. (2015) An observational study of shift length, crew familiarity, and occupational injury and illness in emergency medical services workers. *Occupational and Environmental Medicine* 2015 Nov;72(11):798-804. doi: 10.1136/oemed-2015-102966. Epub 2015 Sep 14.
120. Livesey K, Yealy D, Li J, **Moore CG**, Ragni MV (2015) Von Willebrand Disease in the emergency department. *Haemophilia Journal* (online publication) 2015 Nov 11. doi: 10.1111/hae.12841. [Epub ahead of print]
121. Emerson JF, Welch M, Rossman WE, Carek S, Ludden T, **Templin M**, **Moore CG**, Tapp H, Dulin M, McWilliams A (2015). A multidisciplinary intervention utilizing virtual communication tools to reduce health disparities: A pilot randomized controlled trial. *International Journal of Environmental Research and Public Health* 2015 Dec 22;13(1). pii: E31. doi: 10.3390/ijerph13010031.
122. Morone NE, Greco CM, **Moore CG**, Rollman BL, Lane B, Morrow LA, Glynn NW, Weiner DK. (2016) Mind-body program for older adults with chronic low back pain: A randomized controlled trial. *JAMA Internal Medicine* 2016 Mar 1;176(3):329-37.
123. Heyer C, Sundsbak J, Abebe K, Chapman A, Torres V, Grantham J, Bae K, Schrier R, Perrone R, Braun W, Steinman T, Mrug M, Yu A, Brosnahan G, Hopp K, Irazabal M, Bennett W, Flessner M, Landsittel D, **Moore CG**, Harris P. (2016) Predicted mutation strength of nontruncating PKD1 mutations aids genotype/phenotype correlations in ADPKD. *Journal of the American Society of Nephrology.* 2016 Jan 28. pii: ASN.2015050583. [Epub ahead of print]
124. Bemenderfer T, Rozario N, **Moore CG,** Karunakar M. (2016)Decreased morbidity and mortality in higher risk patient populations undergoing total knee arthroplasty procedures following surgical care improvement project core measures *Journal of Arthroplasty* 2016 Mar 15. pii: S0883-5403(16)00264-3. doi: 10.1016/j.arth.2016.02.072. [Epub ahead of print].
125. Rajakumar K, **Moore CG**, Yabes J, Olabopo F, Haralam MA, Comer D, Holick M, Greenspan S (2016) Estimations of dietary vitamin D requirements in black and white children. *Pediatric Research* 80(1):14-20.
126. Reynolds S, Studnek J, **Moore CG**, Young JR, Runyon M (2016) Study protocol of a randomized controlled trial of intranasal ketamine compared to intranasal fentanyl for analgesia in children with suspected, isolated extremity fractures in the pediatric emergency department. *British Medical Journal Open* Sep 8;6(9):e012190. doi: 10.1136/bmjopen-2016-012190.
127. Patterson PD, Higgins JS, Lang ES, Runyon MS, Barger LK, Studnek JR, **Moore CG**, Robinson K, Gainor D, Infinger A, Weiss PM, Sequeira DJ, Martin-Gill C. (2016) Evidence-based guidelines for fatigue risk management in EMS: Formulating research questions and selecting outcomes. *Prehospital Emerg Care* Nov 18:1-8.
128. Roy TC, Piva SR, Christiansen BC, Lesher JD, Doyle PM, Waring RM, Irrgang JJ, **Moore CG**, Brininger TL, Sharp MA. (2016) Heavy loads and lifting are risk factors for musculoskeletal injuries in deployed female soldiers. *Mil Med* 181(11):e1476-e1483.
129. McWilliams A, Roberge J, **Moore CG**, Ashby A, Rossman W, Murphy S, McCall S, Brown R, Carpenter S, Rissmiller S, Furney S (2016). Aiming to improve readmissions through integrated hospital transitions (AIRTIGHT): study protocol for a randomized controlled trial. *Trials* Dec 19;17(1):603.
130. Ragni MV, Yabes JG, Jeong K, Fogarty P, Josephson N, Kessler C, Neff A, Raffini L, Butenas S, Brummel-Ziedins K, **Moore CG** (2017) Pilot randomized, non-inferiority, cross-over trial of once-weekly versus three times-weekly recombinant factor VIII prophylaxis in adults with severe hemophilia A. *Haemophilia* 23(1):e43-e46.
131. Torres V, Abebe K, Schrier R, Perrone R, Chapman A, Yu A, Braun W, Steinman T, Fick-Brosnahan G, Hogan M, Oskoui F, Grantham J, Bae K, **Moore C**, Flessner M. (2017) Effect of dietary salt on the progression of Autosomal Dominant Polycystic Kidney Disease in the HALT PKD clinical trials. *Kidney International* 91(2):493-500.
132. Morone NE, **Moore CG**, Greco CM. (2017) Characteristics of adults who used mindfulness meditation: United States, 2012. *J Altern Complement Med* 2017 Jan 13. doi: 10.1089/acm.2016.0099. [Epub ahead of print].
133. Bemenderfer TB, Rozario NL, **Moore CG**, Karunakar MA (2017) Morbidity and mortality in elective total hip arthroplasty following surgical care improvement guidelines. *J Arthroplasty* 017 Mar 9. pii: S0883-5403(17)30200-0. doi: 10.1016/j.arth.2017.02.080. [Epub ahead of print]
134. Barnato AE, Moore R, **Moore CG**, Kohatsu ND, Sudore RL. (2017) Financial incentives to increase advance care planning among Medicaid beneficiaries: Lessons learned from two pragmatic randomized trials. *Journal of Pain and Symptom Management*. 2017 Apr 24. pii: S0885-3924(17)30163-X. doi: 10.1016/j.jpainsymman.2017.02.016. [Epub ahead of print].
135. Christiansen C, **Moore CG**, Wellington T, Schenkman M, Corcos D. (0000) Factors associated with ambulatory activity in de novo Parkinson’s disease. *Journal of Neurologic Physical Therapy (in press)*
136. Levenson JC, Rollman BL, Ritterband LM, Strollo PJ, Smith KJ, Yabes JG, **Moore CG**, Harvey AG, Buysse DJ. (2017) Hypertension with Unsatisfactory Sleep Health (HUSH): Study protocol for a randomized controlled trial. *Trials* Jun 6;18(1) 256.
137. Sanjak M, Langford V, Holsten S, Rozario N**, Patterson CG**, Bravver E, Bockenek WL, Brooks BR. The six-minute walk test (6MWT) as a measure of walking capacity (WC) in ambulatory individual with amyotrophic lateral sclerosis (ambALS) *Archives of Physical and Rehabilitation Medicine* (*in press*)
138. Khalid A, **Moore CG**, Hall C, Olabopo F, Rozario NL**,** Holick M, Greenspan S, Rajakumar K. (2017) Utility of sun-reactive skin typing and melanin index for discerning vitamin D deficiency. *Pediatric Research* 2017 May 24 [Epub ahead of print]
139. Brosnahan G, Abebe KZ, Rahbari-Oskouii FF, **Patterson CG**, Bae KT, Schrier RW, Braun WE, Chapman AB, Flessner MF, Harris PC, Perrone RD, Steinman TI, Torres VE, The HALT PKD Investigators. Effect of statin therapy on the progression of autosomal dominant polycystic kidney disease. A secondary analysis of the HALT PKD trials. *Curr Hypertens Rev* 2017 Apr 27. doi: 10.2174/1573402113666170427142815. [Epub ahead of print]
140. Lubanski E, Rozario N**, Moore C**, Petruso H, Ludden T, Rossman W, Ashby A, Dulin M, McWilliams A,. Traditional Risk Indices as Predictors of Future Utilization and Cost in the Context of Population Health for an Uninsured Cohort. *eGEMs* (accepted April 2017)
141. Khoja SS, **Moore CG**, Goodpaster BH, Delitto A, Piva SR (2017) Skeletal muscle fat and its association with physical function in rheumatoid arthritis. *Arthritis Care Res* May 8 [Epub ahead of print]
142. Patterson PD, **Moore CG**, Guyette FX, Doman JM, Sequeira D, Werman HA, Swanson D, Hostler D, Lynch J, Russo L, Hines L, Swecker K, Runyon MS, Buysse DJ. (2017) Fatigue mitigation with SleepTrackTXT2 in air medical emergency care systems: study protocol for a randomized controlled trial. Trials. 2017 Jun 5;18(1):254. doi: 10.1186/s13063-017-1999-z. PubMed PMID: 28583143.
143. Young JR, Sawe HR, Mfinanga JA, Nshom E, Helm E, **Moore CG**, Runyon MS, Reynolds SL (2017) Sub-dissociative intranasal ketamine plus standard pain therapy versus standard pain therapy in the treatment of pediatric sickle cell disease vasoocclusive crises in resource-limited settings: study protocol for a randomized controlled trial. *BMJ Open* 2017 Jul 10;7(7):e017190. PMID: 28698351
144. Schenkman M, Moore CG, Kohrt WM, Hall DA, Delitto A, Comella CL, Josbeno DA,  Christiansen CL, Berman BD, Kluger BM, Melanson EL, Jain S, Robichaud JA, Poon C, Corcos DM. (0000) High-Intensity endurance exercise in Parkinson disease: A randomized, controlled Phase II trial. JAMA Neurology (in press)

**Book Chapters**

1. Probst JC, **Moore CG**, Baxley EG. Effects of race and poverty on perceived stress in rural women. In: Coward RT, Davis LA, Gold CH, Smiciklas-Wright H, Thorndyke LE, Vondracek FE, eds. *Rural Women’s Health: Mental, Behavioral and Physical Issues*. New York, NY: Springer;2006:215-232.

**Monographs and Technical Reports**

1. **Moore, CG**. *Methods of Predicting Variation of Interobserver Agreement* [thesis]. Columbia, SC: University of South Carolina; 1997.
2. **Moore CG**. *Logistic Regression with Incomplete Covariate Data in Complex Survey Sampling* [dissertation]. Columbia, SC: University of South Carolina; 2000.
3. Patterson PD, **Moore CG**, Probst JC, Samuels ME. *Hypertension, Diabetes, Cholesterol, and Weight Control Behaviors among Non-metro Minority Adults*. Developed under Grant No. 6 U1C RH 00045-02 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2002.
4. Probst JC*,* **Moore CG**, Roof KW, Baxley EG, Samuels ME. *Access to Care among Rural Minorities: Children.* Developed under Grant No. 6 U1C RH 00045-02 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2002.
5. Bennett K, Probst JC, **Moore CG**, Shinogle JA. *Emergency Department Use by Medically Indigent Rural Residents*. Developed under Grant No 6 UIC RH 00045-02 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2003.
6. Patterson PD, **Moore CG**, Probst JC, Samuels ME. *Prevalence of Health-Related Behavioral Risk Factors among Non-metro Minority Adults*. Developed under Grant No. 6 U1C RH 00045-02 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2003.
7. Probst JC, **Moore CG**, Baxley EG, Lammie JL. *Hospitalization for Ambulatory Care Sensitive Conditions: Asthma, Diabetes, and Congestive Heart Failure in South Carolina*. Developed under Grant No. 6 U1C RH 00045-01 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2003.
8. Probst JC*,* Samuels ME, **Moore CG**. *Access to Care among Rural Minorities: Working Age Adults.* Developed under grant No. 6 U1C RH 00045-02 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2003.
9. Probst JC, Samuels ME, **Moore CG**, Gdovin J. *Access to Care among Rural Minorities: Older Adults.* Developed under grant No. 6 U1C RH 00045-02 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2003.
10. Erkel EA, **Moore CG**, Michel Y. *Development of a Methodology for Assessing the Effect of a Lay Home Visitation Program for Rural High-Risk Women and Infants*. Developed under Grant No. 6 U1C RH 00045-01 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2004.
11. Patterson PD, **Moore** **CG**, Probst JC. *Investigating Rural Emergency Medical Service (EMS) Infrastructure: A Developmental Methodology for Measuring the Availability of EMS Resources*. Developed under Grant No. 6 U1C RH 00045-03 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2004.
12. Martin A, Probst JC, **Moore CG**, Patterson D, Elder K. *Trends in Uninsurance among Rural Minority Children*. Developed under Grant No. 6 U1C RH 00045-01 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2005.
13. Mink MD, **Moore CG**, Johnson A, Probst JC. *Violence and Rural Teens: Teen Violence, Drug Use, and School-Based Prevention Services in Rural America*. Developed under Grant No. 6 U1C RH 00045-04 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2005.
14. **Moore CG**, Mink M, Probst JC, Tompkins M, Johnson A, Hughley S. *Mental Health Risk Factors, Unmet Needs, and Provider Availability for Rural Children*. Developed under Grant No. 6 U1C RH 00045-04 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2005.
15. **Moore CG**, Probst JC, Tompkins M, Cuffe S, Martin AB. *Poverty, Stress, and Violent Disagreements in the Home among Rural Families*. Developed under Grant No. 1 U1CRH 03711-01 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2005.
16. Probst JC, Laditka SB, **Moore CG**, Harun N, Powell MP. *Depression in Rural Populations: Prevalence, Effects on Life Quality, and Treatment-Seeking Behavior*. Developed under Grant No. 6 U1C RH 00045-02 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2005.
17. Probst JC, **Moore CG**, Powell MP, Pearson W, Martin AB. *Effects of Uninsurance during the Preceding 10 Years on Health Status among Rural Working Age Adults*. Developed under Grant No. 6 U1C RH 00045-03 with the Federal Office of Rural Health Policy, Health Resources and Services Administration; 2005.
18. Silberman P, Rudolf M, Brogan L, Poley S, Slifkin RT, **Moore CG**. *The Impact of Medicaid Cuts on Rural Communities*. Working Paper No. 82. North Carolina Rural Health Program; 2005.
19. Silberman P, Brogan L, **Moore CG**,Slifkin RT. *Premium Assistance Programs for Low Income Families: How Well Does It Work in Rural Areas?* Working Paper No. 85. North Carolina Rural Health Research and Policy Analysis Center, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill; 2006.
20. Slifkin R, Groves J, **Moore CG**, Greene S. *Evaluation of the Effectiveness of the Diabetes Health Improvement Program and the Diabetes and Coronary Artery Disease with Telephonic Outreach Health Improvement Program*. North Carolina Rural Health Research and Policy Analysis Center, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill; 2006.
21. Patterson PD, Freeman VA, **Moore CG**, Slifkin RT. *Becoming an Emergency Medical Technician: Urban-Rural Differences in Motivation and Job Satisfaction*. Working Paper No. 89. North Carolina Rural Health Research and Policy Analysis Center, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill; 2007.

**Published Abstracts**

1. Hayden MK, Blom DW, Lyle EA, **Moore CG**, Ahmed N, Dewalt GA, Weinstein RA. The risk of hand and glove contamination by healthcare workers after contact with a VRE-positive patient or the patient’s environment. 41st Interscience Conference on Antimicrobial Agents and Chemotherapy, December 2001.
2. Roberts E, Eleazer GP, **Moore CG**, Gordon AJ. Women’s choices for end of life care: how older Jewish women make clinical decisions. *Journal of the American Geriatrics Society* 2001;49:P147.
3. Tomasi MA, Lewis SL, **Moore CG**, Peirre-Louis SJ, Leurgans S. Assessing the role of an outpatient component in a neurology clerkship: the experience of one medical school. *Neurology* 2001;56(Suppl 3):A30.
4. Shannon KM, **Moore CG**. Sleep disruption in Huntington’s disease: relationship to clinical disease features. *Neurology* 2001;56(Suppl 3):A214.
5. Cubo E, **Moore CG**, Goetz CG. Effects of standard walkers on freezing in Parkinson’s disease patients. *Neurology* 2001;56(Suppl 3):A348.
6. Diedrich NJ, **Moore CG**, Leurgans S, Chmura TA, Goetz CG. Parkinson’s disease with elderly onset: case-control study of clinical expression and management. *Annals of Neurology* 2001;50(Suppl 1):S49.
7. Cubo E, **Moore CG**, Goetz CG. Wheeled and standard walkers in Parkinson’s disease patients with gait freezing. *Annals of Neurology* 2001;50(Suppl 1):S50.
8. Shinogle JA, Probst JC, Baxley EG, **Moore CG**, Samuels ME. Mental health care treatment and costs among rural women. National Rural Women’s Health Conference, September 2002.
9. Wang EQ, Metman LV, Bakay R, Arzbaecher J, Bernard B, **Moore CG**. The effect of unilateral electrostimulation of the subthalamic nucleus on respiratory/phonatory subsystem of speech production in Parkinson’s disease: a preliminary report. *Neurology* 2002;58(Suppl 3):A59.
10. Arnett BC, Huckman M, **Moore CG**. Comparison of presenting symptoms and neurologic signs in incidental tonsillar ectopia. *Neurology* 2002;58(Suppl 3):A126-A127.
11. Gordon AJ, Schneck MJ, Kang E, **Moore CG**, Pezzuto R, Kelly MA, Leurgans S, Sloan MA. Transcranial Doppler in adults with sickle cell disease. *Neurology* 2002;58(Suppl 3):A147.
12. Sinka E, Schneck MJ, **Moore CG**, Wible BC. Evaluation of dyslipidemia in patients with cerebrovascular disease. *Neurology* 2002;58(Suppl 3):A311.
13. Patterson PD**,** Probst JC, **Moore CG**, Shinogle J.Obesity and physical inactivity spread to rural America. Poster, National Rural Health Association Conference, May 2003.
14. Cuffe SP, **Moore CG**, McKeown RE. ADHD symptoms in the National Health Interview Survey: prevalence, correlates, and use of services and medication. Annual Meeting of the American Academy of Child and Adolescent Psychiatry, October 2003.
15. **Moore CG**, Shinogle JA, Lawson A, Probst JC. A comparison of event models analyzing health care utilization rates: what to do about overdispersion and zero-inflation. Poster, 131st Annual Meeting of the American Public Health Association, November 2003.
16. Patterson PD**,** Probst JC, **Moore CG**.Non-emergent ED visits across rural and urban areas. Poster, National Rural Health Association Conference, May 2004.
17. Mink M, **Moore CG**, Probst JC. Rural-urban differences in the prevalence of teen violence and drug use. National Rural Health Association Conference, May 2004.
18. McKeown RE, **Moore CG**, Cuffe SP. Estimation of national rates of ADHD: impact of impairment definitions and analysis of health services utilization. 132nd Annual Meeting of the American Public Health Association, November 2004.
19. Liese AD, Schulz M, **Moore CG**, Mayer-Davis EJ. Dietary patterns, insulin sensitivity, and adiposity in IRAS. *Circulation* 2004;109:e36.
20. Zolnoun DA, Lamvu GM, Park E, **Moore CG**, Wechter ME, Rohl J, Steege JS. Physical examination findings and correlation to pain levels during intercourse, reported by women with vulvar vestibulitis syndrome. Annual Meeting of the International Pelvic Pain Society, October 2005.
21. Zolnoun DA, Park E, Perinetti C, As-Sanie S, Lamvu G, **Moore CG**, Steege JS. Distribution of physical exam findings among subgroups of women with vulvar vestibulitis syndrome. Annual Meeting of the International Pelvic Pain Society, October 2005.
22. Talbott LL, Usdan SL, **Moore CG**, Smith B, Wilkinson LL. First-year student drinking and social modeling of peer behavior: a longitudinal examination. Poster, Alcohol and Other Drug Abuse Prevention Conference, Department of Education, October 2005.
23. Probst JC, **Moore CG**. Use of secondary data sets for primary care research. 20th Annual Primary Care Research Methods and Statistics Conference, December 2005.
24. Ataga KI, **Moore CG**, Jones S, Olajide O, Strayhorn D, Hinderliter A, Orringer EP. Progression of pulmonary hypertension in patients with sickle cell disease. *Blood* 2005;106:3187A.
25. Ataga KI, **Moore CG**, Jones S, Olajide O, Sohier C, Clark S, Whinna HC, Parise LV, Hinderliter A, Orringer EP. Pulmonary hypertension in sickle cell disease: the role of activated blood coagulation and inflammation. *Blood* 2005;106:3800A.
26. Probst JC, Laditka SL, **Moore CG**. Communication with providers among persons with symptoms of depression: race/ethnicity differences. National Leadership Summit on Eliminating Racial and Ethnic Disparities in Health, January 2006.
27. Probst JC, Martin AB, Glover S, **Moore CG**. The forgotten disparity: minorities in rural America. National Leadership Summit on Eliminating Racial and Ethnic Disparities in Health, January 2006.
28. Probst JC, Laditka SL, **Moore CG**, Huran N, Powell MP, Baxley EG. Depression and depression risk factors in rural adults. 29th Annual National Rural Health Association Conference, May 2006.
29. Talbott LL, Usdan SL, **Moore CG**, Smith B, Wilkinson L. Alcohol use, injunctive norms, and the first-semester transition to college: a longitudinal exploration. Poster, Meeting of the American College Health Association, June 2006.
30. Tarrant TK, Rampersad RR, **Moore CG**, Rothlein LR, Ellinger JJ, Lefkowitz RM, Lee DM, Patel DD. G-protein receptor kinases (GRKs) play an important regulatory role in the K/BxN serum transfer model of inflammatory arthritis. Poster, 2006 Aspen Allergy Conference, June 2006.
31. Fecho K, **Moore CG**, Lunney AT, Norfleet EA, Boysen PG. Intraoperative adverse events associated with inpatient and outpatient procedures. Poster, Annual Meeting of the American Society of Anesthesiologists, October 2006.
32. Patterson PD**, Moore CG**. Interrater agreement using one component of the Neely conference criteria for determining medical necessity of EMS transports. *Prehospital Emergency Care* 2006;10:121-122.
33. Vitoc CS, Liese AD, **Moore CG**, Buyken A, Kroke A. Early life and parental influences on timing of adiposity rebound. Poster, 47th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, in association with the Council on Nutrition, Physical Activity, and Metabolism, March 2007.
34. Brenner AT, Lewis CL, Griffith JM, Malone R, **Moore CG,** Pignone M. Effectiveness of a mailed intervention to increase colorectal cancer screening and decision aid use in an academic primary care practice: a controlled trial. 4th Annual International Shared Decision Making Conference, University of Freiburg, Freiberg, Germany, May 2007.
35. Patterson PD, **Moore CG**, Cuddeback G, Brice J. Epidemiology of behavioral health-related EMS transports. Annual Meeting of the Association of EMS Physicians, January 2008.
36. Bonnema R, Gosman GG, **Moore CG**, Arnold R. Effectiveness of a curricular innovation to teach disclosure of medical errors to residents. Annual Meeting of the Council on Resident Education in Obstetrics and Gynecology and Association of Professors of Gynecology and Obstetrics, March 2008.
37. Hansen RA, **Moore CG**, Dusetzina SB, Leinwand BI, Gartlehner G, Gaynes BN. Controlling for drug dose in systematic review and meta-analysis: a case study of the effect of antidepressant dose. Annual Meeting and Exposition of the American Public Health Association, March 2008.
38. Reynolds JC, Callaway CW, El Khoudary SR, **Moore CG**, Alvarez RJ, Rittenberger JC. Coronary angiography predicts improved outcome following cardiac arrest: propensity-adjusted analysis. Scientific Sessions of the Resuscitation Science Symposium, American Heart Association, November 2008.
39. Ragni M, Nalesnik M, Qin L, **Moore CG**. Cytokines and liver fibrosis in HIV/hepatitis C virus coinfection.16th Annual Conference on Retroviruses and Opportunistic Infections, February 2009.
40. Piva SR, Almeida GJ, Jeong K, **Moore CG**, Wasko MC. Physical activity measured by SenseWear Armband in women with rheumatoid arthritis. Within Our Reach: Finding a Cure for Rheumatoid Arthritis Grant Program Meeting, American College of Rheumatology Research and Education Foundations, June 2009.
41. Machi M, Suyama J, Rittenberger J, Guyette F, **Moore CG**, Jeong K, Callaway C, Hostler D. Work-induced memory decline in emergency medicine attending physicians. American College of Emergency Physicians Scientific Assembly, October 2009.
42. Almeida GJ, Jeong K, **Moore CG**, Wasko WC, Piva SR. Number of days necessary to wear portable activity monitors in patients with rheumatoid arthritis. Annual Scientific Meeting of the American College of Rheumatology, October 2009.
43. Herrle S, Corbett EC, Fagan MF, **Moore C**, Elnicki DM. Applying Bayes’ theorem to the physical examination: assessment of disease probability. *Journal of General Internal Medicine* 2009;24(Suppl 1):S22.
44. Borrero S, Qin L, **Moore CG**, Schwarz E, Akers A, Creinin M, Ibrahim S. Race and unintended pregnancy and their relationship with tubal Sterilization. *Journal of General Internal Medicine* 2009;24(Suppl 1):S154.
45. Rajakumar K, Holick MF, Jeong K, **Moore CG**, Chen TC, Olabopo F, Haralam MA, Nucci A, Thomas SB, Greenspan SL. Racial differences in seasonal variation of vitamin D insufficiency and its risks in young school-age children. Poster, Annual Meeting of the Pediatric Academic Societies, May 2010.
46. Baskin SM, Gu C, **Moore CG**, Rittenberger JC, Guyette FX. Prehospital intubation of acute stroke patients is associated with poor outcomes. Poster, Annual Meeting of the National Emergency Medical Services Physicians, January 2011.
47. Mascarenhas R, Chu C, Jeong K, **Moore CG**, Irrgang J. Arthroscopic and magnetic resonance imaging (MRI) grading of articular cartilage lesions of the knee: interrater reliability and reliability between modalities. Meeting of the Canadian Orthopaedic Association, July 2011.
48. Weaver MD, **Moore CG,** Patterson PD, Yealy DM. Assessing medical necessity in emergency medical services transports. *Prehospital Emergency Care* 2011;15:134.
49. Hostler D, McEntire SJ, Reis SE, Comer D, **Moore CG**, Pryor RR, Erin J, Khorana P, Guyette FX, Suyama J. Aspirin prevents hyperthermic platelet activation in firefighters during exertion in thermal protective clothing. *Medicine and Science in Sport and Exercise* 2012;44(5 Suppl):S231.
50. McEntire SJ, Reis SE, Comer D, **Moore CG**, Pryor RR, Erin J, Khorana P, Suyama J, Guyette FX, Hostler D. Daily aspirin therapy does not increase body core temperature responses in firefighters during exertion in thermal protective clothing. *Medicine and Science in Sport and Exercise* 2012;44(5 Suppl):S187.

**Other Publications**

1. Probst JC, **Moore CG**, Baxley EG, Shinogle JA. Osteoporosis recognition: correcting Gehlbach et al. [letter]. *American Journal of Public Health* 2002;92:1885.
2. Irrgang JJ, Tashman S, **Moore C,** Fu FH. Challenge accepted: description of an ongoing National Institutes of Health–funded randomized clinical trial to compare anatomic single-bundle versus anatomic double-bundle anterior cruciate ligament reconstruction [letter]. *Arthroscopy.* 2012;28:745-747.

­­­­­­­­­­­­­­**PROFESSIONAL ACTIVITIES: TEACHING**

**Midlands Technical College**

1997–2000 Course director, “Pre-Algebra” (~30 undergraduate students per semester).

**Rush Presbyterian–St. Luke’s Medical Center**

2000–2001 Course co-director, “Introductory Epidemiology and Biostatistics for Neurology Residents" (~10 residents).

**University of South Carolina**

2002–2004 Course director, BIOS 700 “Introduction to Biostatistics” (spring 2003, 13 students).

Course director, BIOS 710 “Public Health Data Management: (fall 2002, 22 students).

Course director, BIOS 745 “Biostatistics Seminar” (spring 2002, 14 students).

Course director, BIOS 757 “Intermediate Biostatistics” (4 semesters, 8-35 students per class)

Course director, BIOS 760/EPID 760 “Clinical Trials” (spring 2003, 16 students).

**University of North Carolina**

2005 Course co-director, “Introduction to Clinical Epidemiology” (spring 2005, 13 medical students).

**University of Pittsburgh**

2007–2014 Course director, CLRES 2021 “Linear Regression and Analysis of Variance (ANOVA)” (September 2008, 27 students; September 2009, 26 students; September 2012, 44 students; September 2013, 28 students, September 2014 39 students).

Course director, CLRES 2022 ”Logistic Regression” (October 2007, 26 students; October 2008, 24 students).

Course director, CLRES 2800 “Fundamentals of Clinical Trials” (January 2008, 12 students; January 2009, 22 students; January 2010, 12 students; January 2011, 12 students; January 2012, 26 students; January 2013, 21 students; January 2014, 22 students).

Course director, CLRES 2810 “Statistical Methods and Issues in Clinical Trials” (February 2008, 12 students; February 2009, 20 students; February 2010, 11 students; February 2012, 27 students; February 2013, 11 students).

Course director, CLRES 2820 “Special Topics in Clinical Trials” (March 2008, 10 students; March 2009, 20 students; March 2010, 12 students; March 2012, 22 students).

Course director, CLRES 2026 “Correlated Data Analysis” (March 2011, 32 students).

2007–2014 Director, Clinical Trials Research Track, Master of Science Program in Clinical Research, Institute for Clinical Research Education (ICRE). Responsibilities: Advise students in track; serve as course director for the clinical trials practicum; develop clinical trial courses (3 modules developed to date); and evaluate current course offerings and content.

2011–2014 Director, Academic Programs, ICRE. Responsibilities: Oversee all degree-granting (certificate and MS) and curriculum-related activities of the ICRE, including chairing the Curriculum Committee bimonthly meetings, supervising 3 staff members (program coordinator, student services coordinator, and information technician), meeting with potential applicants, handling academic integrity violations and students with poor academic performance, serving as liaison to the Graduate Studies Office in the School of Medicine, creating and maintaining program policies, increasing standardization across courses (with standardized syllabus template and grading), leading ICRE commencement activities (more than 70 graduates each year), monitoring course enrollments, finalizing all teaching payments and related decisions, managing educational credit unit (ECU) reporting, and representing degree-granting programs in all ICRE committees.

2011-2013 Lecturer, MED 5180 Medical Decision Making, 2 lectures “Design of Studies of Therapies” and “Analysis of Studies of Therapies”, 1st year medical student course (Oct 2011, Sept 2012, Oct 2013).

**Carolinas HealthCare System**

2015-2016 Introduction to Biostatistics, Course Director CHS

2016 Introduction to Clinical Research and Biostatistics, Course Director CHS Northeast

­­­­­­­­­­­­­­**PROFESSIONAL ACTIVITIES: MENTORING AND ADVISING**

**University of South Carolina**

2002–2005 *Thesis Committees, Master of Science in Public Health (MSPH) and Master of Public Health (MPH):*

Kimberly Bellis. Access to care and influenza and pneumococcal vaccination among working age adults. MSPH, 2003.

Ling Chen. Multiple imputation on nonresponses in ordinal survey data. MSPH, 2003.

Margaret Ehlers. Assessment of covariance selection strategies with repeated measures data. MSPH, 2003.

Carmen Harris. A review of physical activity and physical fitness in youth: what will the future bring? MPH, 2004.

Andrew Johnson. Mental health policies in South Carolina schools. MPH, 2004.

Mary Johnson. Socioeconomic differences in cervical cancer survival among South Carolina women. MSPH, 2003.

Mandy Schultz. Weight change and weight cycling as predictors of incident essential hypertension in the EPIC-Potsdam Study. MSPH, 2003.

Camelia Vitoc. Association of breast-feeding with adiposity rebound in a cohort of healthy children. MSPH, 2005.

Fei Ye. Balanced two-stage design for phase II clinical trials. MSPH, 2004.

Li Zheng. Statistical methods for establishing equivalency of an alternative sampling device to the Occupational Safety and Health Administration (OSHA) standard. MSPH, 2003.

2002–2006 *Dissertation Committees, Doctor of Philosophy (PhD) and Doctor of Public Health (DrPH):*

Swann Adams. Methodological and substantive issues: the relationship between physical activity and breast cancer. PhD, 2003.

Kevin Bennett. Individual hospital effects on the measurement of racial disparities in the treatment of myocardial infarction. PhD, 2004.

Whiejong Han. Impact of the State Children’s Health Insurance Program (SCHIP) on children’s access to primary care in South Carolina: a study of hospitalizations with ambulatory care sensitive conditions. PhD, 2003.

Michael Mink. The TV diet: nutrient intake endorsed by American televised food advertisements. PhD, 2006.

Florence Soroses. Assessment of factors influencing participating in HIV/AIDS voluntary counseling and testing in Namibia. PhD, 2006.

Laura Talbott. Longitudinal analysis of first-year college student drinking patterns and the role of peer influence. PhD, 2005.

April Winningham. Exploring HIV-related risk and risk reduction factors among older African American women in South Carolina: implications for HIV prevention efforts. DrPH, 2002.

**University of North Carolina**

2005–2008 *Dissertation Committees:*

Denise Spector. The influence of breast cancer risk and risk perception on lifestyle behaviors among women with a family history: a mixed method approach. Served on dissertation committee until January 2008.

2005–2008 *Mentoring, Consulting, and Providing Biostatistical Expertise for Career Development Awards:*

Julius Aitsebaomo. P68RacGAP signaling endothelial cell differentiation and angiogenesis. K08, National Institutes of Health (NIH), resubmission 2005, funded 2006.

Anthony Caprio. Randomized trial of goal-based advance care planning in nursing homes. Junior Faculty Career Development Award, National Palliative Care Research Center, first submission January 2007, not funded.

Charles Esther. Purines as biomarkers of respiratory disease. K23, NIH, first submission October 2006, resubmission 2007, funded 2008.

Kara Fecho. A comparison of rates and types of intraoperative adverse events during inpatient and outpatient procedures over a 1-year, 5-year, and 15-year period at University of North Carolina hospitals. Clinical Scholar Research Awards, International Anesthesia Research Society, first submission June 2006, not funded.

Marianne Muhlebach. Effect of *Pseudomonas* on cystic fibrosis immune response. K23, NIH, A2 submission 2006, not funded.

Bert O’Neil. Radiation-induced signaling and treatment resistance. K23, NIH, resubmission 2006, funded 2006.

Kris Patterson. Sex, aging, and antiretroviral pharmacology. K23, NIH, first submission May 2007, funded 2007.

Mary Roth. Improving the quality of medication use in older adults. K23, NIH, A2 submission, funded May 2006.

Julie Sharpless. Partial and complete growth hormone receptor blockade in polycystic ovary syndrome. K23, NIH, first submission 2006, funded 2006.

Deborah Thorpe. A study of secondary conditions and effects of aquatic-based intervention on function and quality of life in adults with cerebral palsy. K23, NIH, A2 submission 2005, funded 2006.

Denniz Zolnoun. Refining diagnostic criteria of a pain disorder: vulvar vestibulitis syndrome. K23, NIH, first submission 2006, funded 2006.

**University of Pittsburgh**

2007–present *Thesis Committees, Master of Science in Clinical Research (MS) and Master of Public Health (MPH):*

Jana Al Hashash, Department of Medicine, MS, 2013

Elie Aoun, Department of Medicine, Division of Gastroenterology, Hepatology, and Nutrition, MS, 2009.

Kerry Capperell, Department of Pediatrics, MS, 2013.

Jestin Carlson, Department of Emergency Medicine, MS, 2011.

Benedito Carneiro, Department of Medicine, Division of Hematology/Oncology, MS, 2010.

Raquel Carneiro, Department of Medicine, Division of Endocrinology and Metabolism, MS, 2010.

Rabih Chaer, Department of Surgery, Division of Vascular Surgery, MS, 2012.

James Cooper, Department of Medicine, Division of Hematology/Oncology, MS, 2009.

Ricardo Costa, Department of Medicine, Division of Hematology/Oncology, MS, 2011.

Raj Dedhia, Department of Otolaryngology, MS 2012

Pawinee Doung-Ngern, Department of Epidemiology, MPH, 2009.

Amanda Dumas, Department of Pediatrics, MS 2013

Kathryn Edelman, Department of Psychiatry, MS 2013

Shawn Farrokhi, Department of Physical Therapy, MS 2014

Sara Francois, Department of Medicine, MS, 2013

Adam Frisch, Department of Emergency Medicine, MS 2013

Chiara Ghetti, Department of Obstetrics and Gynecology, MS 2012

Gina Howell, Department of Surgery, MS 2013

Samay Jain, Department of Neurology, MS, 2009.

Misaki Kiguchi, Department of Surgery, MS 2013

Lynn Malec, Department of Medicine, MS 2014

Wissam Mansour, Department of Critical Care Medicine, MS, 2011.

Zachary Marcum, Department of Medicine, Division of Geriatric Medicine, MS, 2011.

Rohtesh Mehta, Department of Medicine, MS, 2011.

Haq Nawaz, Department of Medicine, MS 2014

Enrico Novelli, Department of Medicine, MS, 2013

Ryosuke Osawa, Department of Medicine, Division of Infectious Diseases, MS, 2010.

Kumaravel Rajakumar, Department of Pediatrics, MS, 2010.

Joshua Reynolds, Department of Emergency Medicine, MS 2013

Thomas Rice, Department of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine, MS, 2010.

Juleen Rodakowski, Department of Occupational Therapy, MS 2014

Jonathan Shepherd, Department of Obstetrics, Gynecology, and Reproductive Sciences, MS, 2010.

Robert Sidonio, Department of Medicine, Division of Hematology/Oncology, MS, 2010.

Shachi Tyagi, Department of Medicine, Division of Geriatric Medicine, MS 2014.

Glenda Wright, Department of Pediatrics, MS, 2011.

Victor Yazbeck, Department of Medicine, MS 2013

2007–2014 *Doctoral Committees:*

Jennifer Bonner. Evaluation of intestinal CYP3A4/5 and p-glycoprotein function in small bowel transplant recipients. School of Pharmacy (doctoral committee, March 2008 to April 2012).

Brian Primack. School of Medicine, Institute for Clinical Research Education, Clinical and Translational Science (doctoral comprehensive committee, January 2010).

Alvaro Sanchez Ortiz. School of Medicine, Institute for Clinical Research Education, Clinical and Translational Science (doctoral comprehensive committee, January 2012).

Akunna Emeremni. Graduate School of Public Health, Department of Biostatistics (dissertation committee, October 2011 to August 2012).

Tanja Roy, School of Health and Rehabilitation Sciences, Department of Physical Therapy (dissertation committee, March 2012-June 2014)

Matthew Weaver, Graduate School of Public Health, Department of Epidemiology (dissertation committee, November 2013 to present).

2007–2014 *Mentoring, Consulting, and Providing Biostatistical Expertise for Career Development Awards:*

Khaled Abdel-Khader. Developing, validating, and implementing a predictive model of chronic kidney disease. K23, first submission February 2010, funded 2011.

Gulay Alper. Cytokine profiles in pediatric onset of multiple sclerosis and acute disseminated encephalomyelitis. K23, first submission February 2010.

Gulay Alper. Establishing a model of autoimmune central nervous system inflammatory demyelinating disease. K12.

Sonya Borrero. Understanding racial disparities in contraceptive use. K23, first submission June 2009, not funded, continued funding on CRSP K12.

Kerry Empey. Locally administered cytokines as a novel treatment for infant RSV infection. K08, NIH, resubmission July 2009, not funded, continued funding on CRSP K12.

Mary Garza. African Americans and colorectal cancer: risk and screening in urban populations. K01, first submission October 2008, funded 2011.

Samay Jain. Multiorgan autonomic electrophysiology in Parkinson’s disease. K23, first submission October 2009, funded 2011.

Katie Nason. Identification of barriers to early detection of esophageal adenocarcinoma. K07, October 2009, funded 2011.

Jon Rittenberger. Predicting and preventing post–cardiac arrest seizures and subsequent neurologic injury. K23, first submission October 2009, not funded, continued funding on CRSP K12.

Dana Rofey. Healthy bodies, healthy minds: helping adolescents with polycystic ovary syndrome. K23, first submission October 2008, funded 2000.

Thankam Thyvalikakath. Implementation and evaluation of a risk assessment tool for periodontal disease. K08, NIH, A2 submission, 2011.

2008–2012 *Organizer, Mock Review Sessions, Clinical Research Scholars Program (K12):*

Aletha Akers. Teaching parents to nurture their adolescents: sexual decision-making competence. R01, May 2009, not scored.

Sonya Borrero. Understanding racial disparities in contraceptive use. K23, April 2009, score 41.

Sunday Clark. Medical emergencies: predictors and improved management. K01, May 2009, score 44.

Janet Catov. Lipids during pregnancy and risk of preterm birth. R01, May 2010, funded.

Shawn Eack. Social-cognitive rehabilitation and brain function in early schizophrenia. K23, January 2011, not funded.

Kerry Empey. Locally administered cytokines as a novel treatment for infant respiratory syncytial virus (RSV) infection. K08, June 2009, score 42.

Nicole Fowler. Identification of cognitive impairment in primary care and decision making for clinical preventive services. K01, April 2012, not funded.

Mary Garza. African Americans and colorectal cancer: risk and screening in urban populations. K01, first submission May 2009, funded.

Steve Handler. Enhancing the detection and management of adverse drug events in the nursing home. R01, May 2009, funded.

Samay Jain. Multiorgan autonomic electrophysiology in Parkinson disease. K23, September 2009, resubmission May 2010, funded.

Jordan Karp. Optimizing care for older adults with back pain and depression. R01, April 2008, funded.

T. Leak. Epidemiology and genetics of glomerular and tubular function in an African ancestry population. K01, September 2010, delayed submission.

Ateev Mehrotra. Can retail clinics deter non-emergent emergency department visits. R18 resubmission, December 2010, not funded.

Ateev Mehrotra. Antibiotic prescribing for acute respiratory tract infections: the impact of shifting care to retail clinics and nurse practitioners. R01, January 2011, funded.

Natalia Morone. Effectiveness of a mind-body program for older adults with chronic low back pain. R01, August 2008, funded.

Jon Rittenberger. Predicting and preventing post–cardiac arrest seizures and neurologic injury. K23, May 2009, not funded.

Dana Rofey, Healthy bodies, healthy minds: helping adolescents with polycystic ovary syndrome. K23, September 2009, funded.

Jason Sperry. Characterization of the mechanisms responsible for sex-based outcome differences following traumatic injury. K23, May 2009, funded.

Hilary Tindle. Connect to quit: coordinated care for smoking cessation among low-income veterans. R01, October 2008, funded.

Gijsberta Van Londen. The effect of aromatase inhibitors on gonadal hormone profile and body composition in women with breast cancer. K23, April 2010, not submitted.

Felicia Wu. Multifactorial modeling to reduce liver cancer. R01, August 2009, funded.

­­­­­­­­­­­­­­**PROFESSIONAL ACTIVITIES: RESEARCH**

**Previous Grant Support and Applications, University of South Carolina and University of North Carolina**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Years** | **Grant Title** | **Role and % Effort** | **Source** | **Total Amount (Direct plus Indirect)** |
| **Funded:** |  |  |  |  |
| 2002–2004 | U50CCU42231601 Epidemiology of Attention Deficit Hyperactivity Disorder (ADHD) in Young Children | Biostatistician, 10%-15% | Centers for Disease Control and Prevention | $760,162 |
| 2002–2004 | 1 U1CRH 00045 University of South Carolina Rural Health Research Center (USC RHRC) | Biostatistician, 50% (2002-2004); associate director, 50% (2003); deputy director, 50% (2003-2004) | Office of Rural Health Policy | $1,999,828 |
| 2004 | 1 U1CRH 03711 University of South Carolina Rural Health Research Center (USC RHRC) | Deputy director, 50% | Office of Rural Health Policy | $1,999,828 |
| 2005 | GKITZ2000A, The Drug Effectiveness Project | Biostatistician, 2.55% | Oregon Health and Science University | $558,200 |
| 2005–2006 | 1 U1CRH 03714 North Carolina Rural Health Research and Policy Analysis Center | Biostatistician, 5%-10% | Office of Rural Health Policy | $1,999,996 |
| 2005–2006 | 1-312-0208452/290-02-00 Effectiveness and Safety of Pharmacologic Treatment for Depression, RTI International/ University of North Carolina Evidence Based Practice Center | Biostatistician, 3.75% | RTI International and Agency for Healthcare Research and Quality | $175,768 |
| 2005–2007 | K30 RR022267 University of North Carolina Clinical Research Curriculum Award | Biostatistician, 50% in 2005; 0% in other years | National Institutes of Health (NIH) | $2,695,577 |
| 2005–2007 | R01 HL79915 University of North Carolina Pulmonary Complications of Sickle Cell Disease | Biostatistician, 5% | NIH | $4,868,939 |
| 2005–2007 | K12 RR023248 University of North Carolina Multidisciplinary Clinical Research Career Development | Director of Biostatistics Shared Facility, 80% | NIH | $12,034,982 |
| **Other:** |  |  |  |  |
| 2004–2005 | Poverty, Parental Stress, and Violent Disagreements in the Home among Rural Families | Principal investigator | Office of Rural Health Policy | Grant would have received funding ($149,975)  if the USC RHRC funding was not awarded |
| 2006–2011 | Trauma Center Brief Alcohol Treatments and Cost Effectiveness, University of North Carolina and Loyola University | Biostatistician | NIH | Grant was funded ($2,527,303), but PI relocated to Loyola University |

**Previous Grant Support, University of Pittsburgh**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Years** | **Grant Title (Principal Investigator)** | **Role and % Effort** | **Source** | **Total Amount (Direct plus Indirect)** |
| 2007–2011 | KL2 RR024154 NIH (Mentored Career Development Award) University of Pittsburgh Clinical and Translational Science Institute (Reis/Kapoor) | Biostatistician (beginning August 2007), 5% | NIH | $19,571,642 |
| 2008–2009 | 1R01 AR054474 Race and Preference for Knee Replacement: A Patient-Centered Intervention (Ibrahim) | Biostatistician (beginning November 2008), 10% | NIH | $1,106,160 |
| 2009–2014 | 1R01 MH081071 Weight Development and Mental Health Symptoms in Adolescent Girls (McTigue) (5/1/09 to 4/30/14) | Biostatistician, 5% | NIH | $1,844,972 |
| 2010–2011 | UL1 RR024153-05S1 University of Pittsburgh Clinical and Translational Science Institute—Administrative Supplement for Comparative Effectiveness Research (Reis) | Biostatistician (beginning October 2010), 5% | NIH | $158,035 |
| 2010–2011 | P30 AG024827 Pittsburgh Older Americans Independence Center (Pilot and Exploratory Studies Core) (Studenski) | Biostatistician (beginning May 2010), 5% | NIH | $941,540 |
| 2011–2012 | 1R21 HL10440 Incidence, Outcomes, and Electrocardiographic Predictors of Re-arrest in Prehospital Cardiac Arrest (Menegazzi) | Biostatistician, 3% | NIH | $416,625 |
| 2009–2012 | 1U01HL098177 AsthmaNet: Phenotypic Influences on Asthma Treatments (Wenzel) (9/30/09 to 6/30/16) | Biostatistician, 5% | NIH | $5,625,575 |
| 2011–2012 | 1U10HL109152 Severe Asthma Research Program (Wenzel) (8/9/11 to 6/30/17) | Biostatistician, 10% | NIH | $4,603,915 |
| 2011–2013 | 1R34 HL105870 Hemophilia Adult Prophylaxis Study (Ragni) (8/20/11 to 6/30/13, no cost extension) | Biostatistician, 5% | NIH | $774,613 |
| 2011–2014 | 7U01 DK082230 HALT–Polycystic Kidney Disease (HALT-PKD) Data Coordinating Center (Moore) (11/1/11 to 1/31/15) | Principal investigator and director, 30% | NIH | $7,500,000 |
| 2011–2014 | 1R01NS074343 Exploratory Study of Different Doses of Endurance Exercise in People with Parkinson Disease (Schenkman) (9/30/11 to 8/31/15) | Biostatistician, 10% | NIH | $2,993,265 |
| 2011–2014 | UL1 RR024153 / UL1 TR000005  University of Pittsburgh Clinical and Translational Research Center (Reis) (8/01/07 to 6/30/16) | Course director and biostatistician, 30% | NIH | $51,508,987 |
| 2012-2014 | R34 HL114674 (Ragni) INHIBIT Feasibility Study | Biostatistician, 5% | NIH | $728,951 |
| 2013-2014 | CE-1304-6859 Patient Centered Comprehensive Medication Adherence Management System as a Means to Improving Adherence with Hydroxyurea for Patients with Sickle Cell Disease (PI: Krishnamurti) | Biostatistician, 5% | PCORI |  |
| 2013-2014 | R01 HL112985 Rajakumar Vitamin D and Vascular Function in Obese Children | Biostatistician, 5% | NIH | $3,560,682 |
| 2013-2014 | Consumer-Directed Financial Incentives to Increase ACP Among Medicaid (PI: Barnato) | Biostatistician, 5% | Donaghue Foundation | $200,000 |
| 2014-2014 | A Comparison of Treatment Methods for Patients Following Total Knee Replacement (PI: Piva) | Biostatistician, 10% | PCORI |  |

**Previous Statistical Collaboration through the University of Pittsburgh Center for Research on Health Care (CRHC) Data Center (Cost Center)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Years** | **Grant Title (Principal Investigator)** | **Role** | **Source** | **Total Amount (Direct plus Indirect)** |
| 2009–2011 | Enhanced Firefighter Rehab Trial (EFFoRT) (Hostler) | Lead biostatistician, direct billing through CRHC Data Center (cost center) | Federal Emergency Management Agency (FEMA) | $977,079 |
| 2010–2012 | Statin Trial (Hostler) (4/30/10 to 8/31/12) | Lead biostatistician, direct billing through CRHC Data Center (cost center) | FEMA | $696,303 |
| 2009–2013 | VA Merit Award: Efficacy of Periosteal Stimulation and Boosters for Advanced Knee Osteoarthritis Pain (Weiner) (4/1/09 to 4/1/13) | Lead biostatistician, direct billing through CRHC Data Center (cost center) | VA | $691,900 |
| 2010–2015 | A Prospective Double-Blind Randomized Clinical Trial to Compare Single-Bundle vs Double-Bundle Anterior Cruciate Ligament (ACL) Reconstruction (Irrgang) (9/1/10 to 8/31/15) | Lead biostatistician, direct billing through CRHC Data Center (cost center) | NIH | $2,856,788 |
| 2010–2015 | Connect to Quit (Tindle) (7/1/10 to 4/30/15) | Lead biostatistician, direct billing through CRHC Data Center (cost center) | NIH | $3,179,486 |
| 2010–2015 | Mind-Body Program for Chronic Low Back Pain in Older Adults (Morone) (6/1/10 to 5/30/15) | Lead biostatistician, direct billing through CRHC Data Center (cost center) | NIH | $2,337,345 |

**Grant Support, Carolinas HealthCare System**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Years** | **Grant Title (Principal Investigator)** | **Role and % Effort** | **Source** | **Total Amount (Direct plus Indirect)** |
| 2015-present | 1R01 DE023375-01A1 Oral Hygiene, Periodontal Disease, and Infective Endocarditis.  (Lockhart) | Director of DCC, 10% | NIH | $3,943,452 |
| 2015-present | 1R01NS074343 Exploratory Study of Different Doses of Endurance Exercise in People with Parkinson Disease (Schenkman) (9/30/11 to 8/31/15)  Subcontract: University of Colorado | Biostatistician, 10% | NIH | $2,993,265 |
| 2015-present | R01 HL112985 Vitamin D and Vascular Function in Obese Children  Subcontract: University of Pittsburgh (Rajakumar) | Biostatistician, 5% | NIH | $3,560,682 |
| 2015-present | A Comparison of Treatment Methods for Patients Following Total Knee Replacement (PI: Piva)  Subcontract: University of Pittsburgh | Biostatistician, 10% | PCORI | $1,961,396 |
| 2015-2016 | W81XWH-15-1-0655 Timing of Surgery and Rehabilitation to Optimize Outcome for Patients with Multiple Ligament Knee Injuries: A Multicenter Trial  Subcontract: University of Pittsburgh (Irrgang) | Biostatistician, 2.5% | DoD | $292,387 |
| 2014-2019 | 1UH2HL125103 Pragmatic Trial Protocol for Two Cognitive-Behavioral Interventions versus Enhanced Usual Care for Insomnia with Hypertension  Subcontract: University of Pittsburgh (Buysse) | Biostatistician, 2.5% | NIH | $3,074,270 |
| 2016-2017 | Aiming to Improve Readmissions Through InteGrated Hospital Transitions (AIRTIGHT): A Pragmatic Randomized Evaluation of Readmission Rates after Participation in Carolinas HealthCare System Transition Services in Patients at High Risk for Readmission | Biostatistician, 5% | Carolinas HealthCare System | $98,450 |
| 2017 | An Evaluation of Emergency Department to Admission Conversion among Patients with a Telepsychiatric Consult Who are Followed by a Behavioral Health - Virtual Patient Navigation Team | Biostatistician, 5% | Carolinas HealthCare System |  |
| 2017 | Inpatient Multimodal Path to RecOVEry (IMPROVE) | Biostatistician, 5% | Carolinas HealthCare System |  |

­­­­­­­­­­­­­­**PROFESSIONAL ACTIVITIES: INVITED LECTURES, WORKSHOPS, AND SEMINARS**

**Local or University Presentations**

2001 **Moore CG**. “The World Beyond Sample Size and Power Calculations: A Week in the Life of a Biostatistician.” Oral presentation, Research Grand Rounds, Rush Presbyterian–St. Luke’s Medical Center, Chicago, Illinois, June 2001.

2002 **Moore CG**. “Highlights on Working with Biostatisticians: How to Transform Those Data Distributions, and How to Get One of Them Back.” EPID 820 Physical Activity Epidemiology, University of South Carolina, Columbia, South Carolina, October 2002.

2002 **Moore CG**. “Suggestions on Working with a Statistician or Biostatistician.” HADM 800 Seminar, University of South Carolina, Columbia, South Carolina, October 2002.

2002 **Moore CG**. “Overview of South Carolina Research Center, Biostatistical Consulting, and Geometric Standard Deviations.” Biostatistics Forum, University of South Carolina, Columbia, South Carolina, October 2002.

2002 **Moore CG**,McKeown RE.“Research Potential of State and National Data Sets.” College of Nursing Brown Bag Seminar, University of South Carolina, Columbia, South Carolina, November 2002.

2003 **Moore CG**, Probst JC. “An Introduction to the South Carolina Rural Health Research Center.” Epidemiology Brown Bag Seminar, South Carolina Department of Health and Environmental Control, University of South Carolina, Columbia, South Carolina, February 2003.

2003 **Moore CG**, Probst JC. “Health Services Research.” College of Nursing Brown Bag Seminar, University of South Carolina, Columbia, South Carolina, April 2003.

2003 **Moore CG**. “Statistical Applications at the South Carolina Rural Health Research Center: Notes from the Field.” Statistics Colloquium, University of South Carolina, Columbia, South Carolina, October 2003.

2005 **Moore CG**. “Small Sample Size Issues.” Evidence Based Practice Network Seminar Series, Sheps Center for Health Services Research, University of North Carolina, Chapel Hill, North Carolina, September 2005.

2005 **Moore CG**. “Working with a Biostatistician.” K30 EPID 896 Course, School of Medicine, University of North Carolina, Chapel Hill, North Carolina, Friday, October 2005.

2006 **Moore CG**, Miller W. “Pilot and Feasibility Studies.” K30 Curriculum Friday Seminar Series, School of Medicine, University of North Carolina, Chapel Hill, North Carolina, May 2006.

2006 **Moore CG**. “Building Your CV with Free Data.” BIRCWH Friday Seminar Series, School of Medicine, University of North Carolina, Chapel Hill, North Carolina, December 2006.

2007 **Moore CG**. “Building Your CV with Free Data.” K30 Friday Seminar Series, School of Medicine, University of North Carolina, Chapel Hill, North Carolina, January 2007.

2007 **Moore CG**. **“**Working with a Biostatistician.” K30 EPID 806 Course, School of Medicine, University of North Carolina, Chapel Hill, North Carolina, January 2007.

2007 **Moore CG**. “Collaborative Work with Biostatisticians.” BIOS 600 Principles of Biostatistics, Department of Biostatistics, University of North Carolina, Chapel Hill, North Carolina, April 2007.

2007 **Moore CG**.“Introduction to Clinical Trials.” Program in Emergency Medicine, EM 1154 Research in EMS, School of Health and Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, Pennsylvania, October 2007.

2007 **Moore CG**. “Introduction to Statistics in Medical Research.” Program in Emergency Medicine, EM 1154 Research in EMS, School of Health and Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, Pennsylvania, November 2007.

2007 **Moore CG**.“Working with a Biostatistician.” CLRES 2071 Research Design and Development Seminar, Institute for Clinical Research Education, University of Pittsburgh, Pittsburgh, Pennsylvania, November 2007.

2007 **Moore CG**. “Working with a Biostatistician.” Design, Biostatistics, and Ethics Core, Clinical Research Seminar Series, University of Pittsburgh, Pittsburgh, Pennsylvania, December 2007.

2008 **Moore CG**.“Introduction to Clinical Trials.” Program in Emergency Medicine, EM 1154 Research in EMS, School of Health and Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, Pennsylvania, October 2008.

2008 **Moore CG**. “Introduction to Statistics in Medical Research.” Program in Emergency Medicine, EM 1154 Research in EMS, School of Health and Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, Pennsylvania, October 2008.

2008 **Moore CG**.“Working with a Biostatistician.” CLRES 2071 Research Design and Development Seminar, Institute for Clinical Research Education, University of Pittsburgh, Pittsburgh, Pennsylvania, November 2008.

2008 **Moore CG**. “Working with a Biostatistician.” HRS 2910, School of Health and Rehabilitation Sciences, University of Pittsburgh, Pittsburgh, Pennsylvania, November 2008.

2009 **Moore CG**. “Pilot and Exploratory Studies.” Research Development Seminar, Center for Research on Health Care, University of Pittsburgh, Pittsburgh, Pennsylvania, June 2009.

2009 **Moore CG**. “Planning Pilot and Exploratory Studies to Advance Your Research.” Office of the Senior Vice Chancellor for Health Sciences and Office of Academic Career Development, University of Pittsburgh, Pittsburgh, Pennsylvania, December 2009.

2010 **Moore CG**. “Pilot and Exploratory Studies.” Department of Biostatistics, University of Pittsburgh, Pittsburgh, Pennsylvania, March 2010.

2010 **Moore CG**. “Clinical Trial Designs and Issues.” Claude D. Pepper Center Retreat, University of Pittsburgh, Pittsburgh, Pennsylvania, April 2010.

2010 **Moore CG**. “Working with a Biostatistician.” Biomedical Informatics Seminar, University of Pittsburgh, Pittsburgh, Pennsylvania, April 2010.

2010 **Moore CG**. “Pilot and Exploratory Studies.” Starzl Transplantation Institute Special Seminar, University of Pittsburgh, Pittsburgh, Pennsylvania, May 2010.

2011 **Moore CG**. “Pilot Clinical Trials and Adaptive Designs.” CLRES 2520, Institute for Clinical Research Education, University of Pittsburgh, Pittsburgh, Pennsylvania, March 2011.

2011 **Moore CG**. “Working with a Biostatistician.” CLRES 2071, Institute for Clinical Research Education, University of Pittsburgh, Pittsburgh, Pennsylvania, December 2011.

2012 **Moore CG**. “Introduction to Phase III Clinical Trials.” Hematology/Oncology Fellows Lecture Series, University of Pittsburgh, Pittsburgh, Pennsylvania, February 2012.

2012 **Moore CG**. “Clinical Trials and Design Tribulations.” Tuesday Seminar Series, Center for Research on Health Care, University of Pittsburgh, Pittsburgh, Pennsylvania, March 2012.

2012 **Moore CG**. “Introduction to Biostatistics.” Hematology/Oncology Fellows Lecture Series, University of Pittsburgh, Pittsburgh, Pennsylvania, August 2012.

2012 **Moore CG**. “Clinical Trials and Design Tribulations.” K12 Seminar Series, Department of Emergency Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania, August 2012.

2013 **Moore CG**. “Planning Pilot Studies and Cool Clinical Trial Designs” BIOS 208, Department of Biostatistics, University of Pittsburgh, Pittsburgh, Pennsylvania, September 2013.

2013 **Moore CG**. “Randomization and Blinding in Clinical Trials.” NEXT-UP, Neurology Fellows’ Research Seminar Series, University of Pittsburgh, Pittsburgh, Pennsylvania, November 2013.

2013 **Moore CG**. “Pilot Studies in Clinical and Translational Science.” Multidisciplinary KL2, Institute for Clinical Research Education, University of Pittsburgh, Pittsburgh, Pennsylvania, September 2013.

2013 **Moore CG**. “Working with a Biostatistician and Pilot Studies in Clinical and Translational Science.” Pediatric Critical Care Medicine, Fellows’ Seminar Series, UPMC Children’s Hospital, University of Pittsburgh, Pittsburgh, Pennsylvania, December 2013.

2013 **Moore CG**. “Adaptive Clinical Trials.” Center for Research on Health Care, Seminar Series, University of Pittsburgh, Pittsburgh, Pennsylvania, December 2013.

2013 **Moore CG**. “Biostatistics 101 – Case Studies.” Starzl Transplant Institute, Fellows Seminar Series, University of Pittsburgh, Pittsburgh, Pennsylvania, December 2013.

**National Presentations/Posters**

2000 **Moore CG**, Witherspoon P, Probst JC. “Time and Money: Effects of No-Shows at a Family Medicine Residency Clinic.” Oral presentation, 33rd Annual Meeting of the Society of Teachers of Family Medicine, Orlando, Florida, May 2000.

2000 **Moore CG**, Swann RS. “Correlated Encounters of the Ordinal Kind: An Experience with Generalized Estimating Equations.” Oral presentation, 128th Annual Meeting of the American Public Health Association, Boston, Massachusetts, November 2000.

2001 **Moore CG**, Lipsitz SR, Addy CL, Hussey JR, Edwards DG. “Logistic Regression with Incomplete Covariate Data in Complex Survey Sampling.” Oral presentation, 129th Annual Meeting of the American Public Health Association, Atlanta, Georgia, October 2001.

2002 Probst JC, Baxley EG, Shinogle J, **Moore CG**, Samuels ME. “Effects of Race and Poverty on Perceived Stress among Rural Women.” Presented at the 2002 National Rural Women’s Health Conference, Washington, DC, September 2002.

2002 **Moore CG**, Probst JC. “Use of Secondary Data Sets for Primary Care Research.” Presented at the 17th Annual Primary Care Research Methods and Statistics Conference, San Antonio, Texas, December 2002.

2002 Probst JC, **Moore CG**. “Dual Disadvantage: Examining Racial Disparities in Rural Populations.” Presented at the 17th Annual Primary Care Research Methods and Statistics Conference, San Antonio, Texas, December 2002.

2003 Probst JC, **Moore CG**. “Rural Women: Health and Access Issues.” Presented at the Federal Office of Rural Health Policy All Programs Meeting, Washington, DC, August 2003.

2003 **Moore CG**, Probst JC. “Not All Regressions Are Linear or Logistic: Analysis of Count Data.” Presented at the 18th Annual Primary Care Research Methods and Statistics Conference, San Antonio, Texas, December 2003.

2004 **Moore CG**. “Rural Women: Health and Access Issues.” Presented at the Appalachian Violence Outreach Network Conference, Hazard, Kentucky, April 2004.

2004 **Moore CG**. “National, State, and Local Prevalence of Domestic Violence Workshop.” Presented at the Appalachian Violence Outreach Network Conference, Hazard, Kentucky, April 2004.

2006 Patterson PD, **Moore CG**, Freeman V. Job satisfaction in emergency medical services: what factors are important in rural America?” Podium presentation at the 29th Annual National Rural Health Association Conference, Reno, Nevada, May 2006.

2006 Patterson PD, **Moore CG**, Brice JH, Baxley EG. Use of emergency department diagnosis to determine medical necessity of emergency medical services transports. Podium presentation at the 2006 Annual Research Meeting of AcademyHealth, Seattle, Washington, June 2006.

2007 **Moore CG**, Probst JC, Tompkins M, Cuffe S, Martin AB. “Prevalence of Violent Disagreements in U.S. Families: Residence, Race/Ethnicity, and Parental Stress.” Presented at the DataSpeak Web Conference Program, Maternal and Child Health Bureau, Health Resources and Services Administration, Web-conference broadcast nationally, February 2007.

2007 **Moore CG**. “Research with the National Health Interview Survey (NHIS): Prevalence and Correlates of ADHD Symptoms in the NHIS.” Presented at the Spring Practice and Research Forum of the American College of Clinical Pharmacy, Memphis, Tennessee, April 2007.

2007 Mink MD, Evans A, Calderon K, **Moore CG**. “TV Diet: Food Choices Endorsed on American Television.” Presented at the 135th Annual Meeting and Exposition of the American Public Health Association, Washington, DC, November 2007.

2010 Mitchell T, **Moore CG**. “Moving from K to R.” Presented at the Annual Meeting of the Association of Clinical Research Training, Washington, DC, April 2010.

2010 Ragni MV, **Moore CG**, Dave B. “Increasing Rates of Atherosclerotic Cardiovascular Disease in Individuals with Hemophilia.” Presented at the National Conference on Blood Disorders in Public Health, Atlanta, Georgia, March 2010.

2011 **Moore CG**, Begg MD. “Moving from K to R.” Presented at the Annual Meeting of the Association of Clinical Research Training, Washington, DC, April 2011.

2011 **Moore CG**. “Clinical Trials and Statistical Problems in Rare Diseases.” Presented at the Symposium of the Hemostasis and Thrombosis Research Society, Chicago, Illinois, April 2011.

2011 **Moore CG**. “Planning Pilot Studies in Clinical and Translational Science.” Presented to the Medical University of South Carolina, Member of the Clinical and Translational Science Award Consortium, Columbia, South Carolina, July 2011.

2013 **Moore CG.** “Pilot Studies” presented with Matthew Gurka on statistical consultation at Training in Grantsmanship for Rehabilitation Research (TIGRR), University of North Carolina, January 2013.

2013 **Moore CG.** “Working with a Biostatistician and Pilot Studies” Pediatric Acute Lung Injury Investigators Meeting, New Orleans, Louisiana, October 2013.

2013 **Moore CG.** “Data and Safety Monitoring” Pediatric Acute Lung Injury Investigators Meeting, New Orleans, Louisiana, October 2013.

2014 **Moore CG**. “Pilot Studies in Clinical and Translational Science.” West Virginia University, Clinical and Translational Science Institute.

2014 **Moore CG**, Spillane S, “Closeout of the HALT Polycystic Kidney Disease Treatment Network Trials” Society for Clinical Trials, Philadelphia, May 19, 2014

2014 **Moore CG.** “Working with a Biostatistician and Pilot Studies” Grand Rounds, Department of Pediatrics, Geisel School of Medicine, Dartmouth Hitchcock Medical Center, Hanover, New Hampshire, September 24, 2014.

2015 Hall C, **Moore CG**, Olabopo F, Khalid A, Holick MF, Greenspan SL, Rajakumar K. “Utility of sun-reactive skin typing in Vitamin D research” Pediatric Academic Societies Annual Meeting, April 25-28, 2015, San Diego, California.

2015 Rajakumar K, **Moore CG**, Yabes J, Olabopo F, Haralam MA, Comer D, Holick MF, Greenspan SL. “Estimations of dietary Vitamin D requirements in black and white children” Pediatric Academic Societies Annual Meeting, April 25-28, 2015, San Diego, California.

­­­­­­­­­­­­­­**PROFESSIONAL ACTIVITIES: CURRENT RESEARCH INTERESTS**

* Design of clinical trials for rare diseases.
* Design of novel clinical trials for neurologic diseases.
* Pilot studies in clinical and translational research.
* Coordination of clinical trials.
* Monitoring of clinical trials.

**PROFESSIONAL ACTIVITIES: SERVICE**

**Service at the University of South Carolina**

2002–2004Member, Master’s Examination Committee, Department of Epidemiology and Biostatistics.

2002–2004Member, Admissions Committee, Department of Epidemiology and Biostatistics.

2002–2004Member, Curriculum Committee, Department of Epidemiology and Biostatistics.

**Service at the University of North Carolina**

2005–2007Member, Master’s Examination Committee, Department of Biostatistics.

2005–2007Member, Social Events and Alumni Committee, Department of Biostatistics.

2006–2007Reviewer, Grant Writing Workshop, School of Public Health.

**Service at the University of Pittsburgh**

2007–2012 Member, Multidisciplinary Advisory Committee, Clinical Research Scholars Program, Institute for Clinical Research Education (ICRE).

2007–2012 Organizer, Mock Review Sessions, Clinical Research Scholars Program, ICRE.

2007–2010 Member, Scientific Internal Review Committee, Division of General Internal Medicine and CRHC.

2010–2011 Chair, Scientific Internal Review Committee, Division of General Internal Medicine and Center for Research on Health Care (CRHC).

2009, 2011 Facilitator and Panelist, “Women in Medicine and Science” Forum, School of Medicine.

2011 Facilitator, Medical Student Orientation, Office of Diversity Affairs.

2009–2010 Member, Data and Safety Monitoring Board, Outpatient Treatment for Pulmonary Embolism, Department of Emergency Medicine.

2009–2012 Director, Career Education and Enhancement for Health Care Research Diversity (CEED) Program, ICRE.

2010 Member, Protocol Review Committee, Starzl Transplant Institute.

2010 Reviewer, Vascular Medicine Pilot Program, Clinical and Translational Science Institute (CTSI).

2010–2011 Member, Data and Safety Monitoring Board, Online Counseling to Enable Lifestyle-Focused Obesity Treatment in Primary Care, Department of Medicine.

2011–2013 Member, Non-Tenured Faculty Promotion Committee, Department of Medicine

2012 Reviewer, Mock Study Section for Comparative Effectiveness Research K12 Scholar (Esa Davis)

2013 Judge, Dean’s Day, Graduate School of Public Health Poster Session

2013 Statistical Reviewer, Mock Review Session, Institute for Clinical Research Education, Samay Jain R01 Parkinson’s Consortium, April 17, 2013.

2012-2014 Judge, Biomedical Graduate Student Association Symposium Poster Sessions

2007–2014 Member, Education Core Committee, CTSI.

2007–2014 Member, Curriculum Committee, ICRE.

2007–2014 Chair, Academic Integrity Committee, ICRE.

2007–2014 Member, Directors' Committee, ICRE.

2007–2013 Member, Leadership Committee, Data Center, CRHC.

2011–2014 Member, Comprehensive Exam Committee for the MPH/MS Program in Biostatistics, Graduate School of Public Health.

2011–2014 Chair, Curriculum Committee, ICRE.

2014-2017 Member, School of Medicine Executive Committee

2014 Member, Health Resource Services Administration T32 Executive Committee, PI: Deborah Bogen, MD.

2014 Member, Course in Scientific Management & Leadership Committee, University of Pittsburgh

**Service at the Carolinas HealthCare System**

2015 Member, Faculty Advisory Council for Medical Education Research

2016 Member, Advisory Council, Carolinas HealthCare Simulation Center

2016 Member, Research, Education, and Leadership Committee and Research Subcommittee

**Regional and National Service**

2002 Reviewer, Scientific Abstracts, Conference of the South Carolina Public Health Association.

2003 Reviewer, Policy-Oriented Research Grants, Office of Rural Health Policy, Department of Human and Health Services, Washington, DC, July 21-23, 2003.

2003 Member, Panel to Critique the Hoehn and Yahr Staging System, Task Force for the Development of Rating Scales, Movement Disorder Society.

2003–2004 Secretary, Statistics Section of the American Public Health Association.

2005 Council member, Statistics Section of the American Public Health Association.

2005 Reviewer, Scientific Abstracts, Conference of the American Public Health Association.

2008–2010 Member, Key Function Committee, Biostatistics, Epidemiology, and Research Design Core, Clinical and Translational Science Award Consortium.

2008–2010 Member, Online Education and Resources Group, Biostatistics, Epidemiology, and Research Design Core, Clinical and Translational Science Award Consortium.

2007–2012 Reviewer, Special Emphasis Panels (1 or more reviews a year), National Institute of Neurological Disorders and Stroke, National Institutes of Health.

2012-present Member, Data and Safety Monitoring Board, The Children and Adolescent Migraine Prevention Study (CHAMP), National Institute of Neurologic Disease and Stroke.

2012 Reviewer, Special Emphasis Panel, National Cancer Institute, Small Grants Program for Cancer Epidemiology (R03), October 2012

2012 Ad Hoc Reviewer, NSDK Study Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health

2013 Member, External Expert Committee, A Multicenter Clinical Trial of Allopurinol to Prevent GFR Loss in T1D (PIs: Doria and Mauer), National Institute of Diabetes and Digestive and Kidney Diseases

2013-present Member, Data and Safety Monitoring Board, Preventing Early Renal Loss in Diabetes (PERL): A Multicenter Clinical Trial of Allopurinol to Prevent GFR Loss in T1D (PIs: Doria and Mauer), National Institute of Diabetes and Digestive and Kidney Diseases

2014-present Member, Observational Study Monitoring Board (OSMB), Cure Glomerulonephropathy Network, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

2013-2017 Biostatistics Faculty Expert, Grantsmanship for Rehabilitation Research (TIGRR), University of North Carolina and Medical University of South Carolina.

2017 Reviewer, Patient Center Outcomes Research Institute, Cycle 3 Pragmatic Studies

2002–present Ad hoc reviewer for the following journals: *Academic Emergency Medicine, American Journal of Geriatric Pharmacotherapy, Annals of Internal Medicine, Clinical Neuropharmacology, International Journal of Tuberculosis and Lung Disease, Journal of Rural Health, Movement Disorders, Pediatrics,* *Spine, BMC Medical Research Methodology, Contemporary Clinical Trials*.