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Academic Positions

- 9/2015 – current Professor & Chair
9/2019 – current Interim Director, Drexel Biostatistics Service Center
Department of Epidemiology and Biostatistics, Drexel University Dornsife School of Public Health
- 9/2015 – current Adjunct Professor of Biostatistics
Department of Biostatistics, University of Alabama at Birmingham
- 3/2014 – 8/2015 Head, Section on Research Methods & Clinical Trials
Department of Biostatistics, University of Alabama at Birmingham
- 10/2013 – 8/2015 Professor of Biostatistics, University of Alabama at Birmingham
- Associate Scientist, UAB Lung Health Center
 - Edge of Chaos Scholar
 - Scientist, UAB Center for AIDS Research
- 10/2009 – 9/2013 Associate Professor of Biostatistics
University of Alabama at Birmingham
- 8/2009 – 12/2012 Director of Graduate Studies in Biostatistics
University of Alabama at Birmingham
- 7/2004 – 9/2009 Assistant Professor of Biostatistics
University of Alabama at Birmingham
- 8/1998 – 6/2004 Graduate Research Assistant
Department of Biostatistics and Center for Clinical Investigations and Therapeutics
University of Michigan
Research Advisor: Morton B. Brown, PhD

Education

- 2004 PhD in Biostatistics
University of Michigan; Ann Arbor, Michigan
Advisor: Morton B. Brown, PhD
Dissertation: “Analysis of Clinical Trials when Treatments Favor Different Outcomes”
- Completed the University of Michigan’s Interdepartmental Concentration in Public Health Genetics
- 1997 MS in Preventive Medicine and Environmental Health (Specialty: Biostatistics)
University of Iowa; Iowa City, Iowa

1995 BS in Mathematics (Minor: Biology)
University of Kansas; Lawrence, Kansas

Honors and Awards

2020 Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences
2020 Golden Apple Teaching Award, Drexel Dornsife School of Public Health
2020 Fellow of the Society for Clinical Trials
2018 Fellow of the American Statistical Association (ASA)
2017-18 Selected as a Fellow in the Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) program
2017-18 John R. Raymond Mentor Award, Medical University of South Carolina
2016 Elected Fellow of the American Heart Association (FAHA) by the Council on Epidemiology & Prevention
2016 Recipient of the Outstanding Alumni Award, University of Iowa School of Public Health
2014 Keynote Speaker at UAB Doctoral hooding Ceremony
2014 Recipient of the UAB Graduate Dean's Excellence in Mentoring Award
2012 Recipient of the UAB President's Award for Excellence in Teaching for the School of Public Health
2010-11 Selected to participate in the UAB BLAZE Leadership Academy
2009 Elected to Delta Omega, Honorary Society in Public Health (Upsilon Chapter)
2009 Hadassah "Woman of the Year" – Birmingham Chapter
2002 Michigan Teaching Fellow
1997 University of Michigan Breast Cancer Research Traineeship

Publications: Refereed

Hirsch, AG; Carson, AP; Lee, NL; McAlexander, T; Mercado, C; Siegel, K; Black, NC; Elbel, B; Long, L; Lopez, P; **McClure, LA**; Poulsen, MN; Schwartz, BS; Thorpe, LE (2020). "The Diabetes Location, Environmental Attributes, and Disparities (LEAD) Network: rationale, protocol, and baseline Characteristics." *JMIR Research Protocols* (in press). <https://preprints.jmir.org/preprint/21377/accepted>

Volk, H; Perera, F; Braun, JM; Kingsley, S; Gray, K; Buckley, J; Clougherty, JE; Croen, LA; Eskenasi, B; Herting, M; Just, AC; Kloog, I; Margolis, A; **McClure, LA**; Levine, S; Miller, R; Wright, R (2020). "Prenatal air pollution exposure and neurodevelopment: a review and blueprint for a harmonized approach within ECHO." *Environmental Research* (in press).

Lackland, DT; Howard, VJ; Cushman, M; Oparil, S; Kissela, B; Safford, MM; Kleindorfer, DO; **McClure, LA**; Howard, G (2020). "Forty year shifting distribution of systolic blood pressure with population hypertension treatment and control." *Circulation* (in press).

Chen, C; Xun, P; Unverzagt, F; **McClure, LA**; Irvin, MR; Judd, S; Cushman, M; He, K. (2020) "Serum magnesium concentration and incident cognitive impairment: the Reasons for Geographic and Racial Differences in Stroke Study." *European Journal of Nutrition* (epub).

Schwebel, DC; Long, DL; **McClure, LA** (2020). "Injuries on the youth soccer (football) field: do additional referees reduce risk? A randomized crossover trial." *Journal of Pediatric Psychology* 45(7): 759-766. PMID: PNC7381189

Tabb, LP; Ortiz, A; Judd, SE; Cushman, M; **McClure, LA** (2020). "Exploring the spatial patterning in racial differences in cardiovascular health between blacks and whites across the United States: The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study." *Journal of the American Heart Association* (epub). PMID: PMC7428583

Goldstein, ND; LeVasseur, MT; **McClure, LA** (2020). "On the convergence of epidemiology, biostatistics, and data science." *Harvard Data Science Review* <https://doi.org/10.1162/99608f92.9f0215e6>.

Feldman, J; Lee, D; Lopez, P; Rummo, P; Hirsch, A; Carson, A; **McClure, LA**; Elbel, B; Thorpe, LE (2020). “Assessing County-Level Determinants of Individual-Level Diabetes Status in the United States (2003-2012): A Random-Effects Within-Between Analysis of Repeated Cross-Sectional Data.” *Health and Place* (epub).

Blum, MR; Scherzer, R; Ikeme, JC; Benavente, OR; **McClure, LA**; Peralta, CA; Odden, MC (2020). “Functional health and White Matter Hyperintensities as Effect Modifiers of Blood Pressure Lowering on Cognitive Function and Vascular Events in Older SPS3 Participants” *Journal of Hypertension* 38(8): 1578-1585.

Tabb, LP; **McClure, LA**; Ortiz, A; Melly, S; Jones, M; Kershaw, K; Diez-Roux, A (2020). “Assessing the spatial heterogeneity in black-white differences in optimal cardiovascular health and the impact of individual- and neighborhood-level risk factors: The Multi-Ethnic Study of Atherosclerosis (MESA).” *Spatial and Spatio-temporal Epidemiology* (epub). PMID: PMC7205896

Cardel, MI; Dhurandhar, E; Yarar-Fisher, C; Foster, M; Hidalgo, B; **McClure, LA**; Pagoto, S; Brown, N; Pekmezki, D; Sharafeldni, N; Willig, AL; Angelini, C (2020). ‘Turning chutes into ladders for women faculty: a review and roadmap for equity in academia.’ *Journal of Women’s Health* 29(5): 721-733. PMID: PMC7247039

Jaeger, BC; Long, DL; Long, DM; Sims, M; Szychowski, JM; Min, YI; **McClure, LA**; Howard, G; Simon, N (2019). “Oblique random survival forests.” *Annals of Applied Statistics* 13(3): 1847-1883.

Richardson, MB; Chmielewski, C; Wu, CYH; Evans, MB; **McClure, LA**; Hosig, KW; Gohlke, JM (2019). “The effect of time spent outdoors during summer on daily blood glucose and steps in women with Type 2 diabetes.” *Journal of Behavioral Medicine* 43(5): 783-790.

Dibaba, dT; Xun, P; Fly, AD; Bidulescu, A; Tsinovoi, CL; Judd, SE; **McClure, LA**; Cushman, M; Unverzagt, FW; He, K (2019). “Calcium intake and serum calcium level in relation to the risk of ischemic stroke: findings from the REGARDS study.” *Journal of Stroke* 21(3): 312-323. PMID: 6780017

Evans, CR; Long, DL; Howard, G; **McClure, LA**; Zakai, NA; Jenny, NS; Kissela, BM; Safford, MM, Howard, VJ; Cushman, M (2019) “C-reactive protein and stroke risk in blacks and whites: the Reasons for Geographic and Racial Differences in Stroke Study.” *American Heart Journal* 217:94-100. PMID: PMC6861684

Cahill, C; Leach, JM; **McClure, LA**; Irvin, R; Zakai, NA; Naik, R; Unverzagt, F; Wadley, VG; Hyacinth, HI; Manly, J; Judd, SE; Winkler, C; Cushman, M (2019). “Sickle cell trait and risk of cognitive impairment in African-Americans: the REGARDS cohort.” *eClinicalMedicine* (epub). PMID: PMC6610762

Ikeme, JC; Pergola, PE; Scherzer, R; Shlipak, MG; Catanese, L; **McClure, LA**; Benavente, OR; Peralta, CA (2019). “Cerebral white matter hyperintensities, kidney function decline, and recurrent stroke after intensive blood pressure lowering: results from the Secondary Prevention of Small Subcortical Strokes (SPS3) trial.” *Journal of the American Heart Association* 8(3)e010091. PMID: PMC6405594

Parekh, TM; Wu, C; **McClure, LA**; Howard, VJ; Cushman, M; Malek, AM; Harrington, KF; Cherrington, AL; Dransfield, MT; Bhatia, S (2019). “Determinants of cigarette smoking status in a national cohort of black and white adult ever smokers: a cross-sectional analysis of the REGARDS study.” *BMJ Open* 9(5): e027175. PMID: PMC6530531

Mehta, T; **McClure, LA**; White, CL; Taylor, A; Benavente, OR; Lakshminarayan, K (2019). “Effect of postural hypotension on recurrent stroke: Secondary Prevention of Small Subcortical Stroke (SPS3) study.” *Journal of Stroke and Cerebrovascular Diseases*, 28(8): 2124-2131. PMID: PMC6679756

Pistilli, M; Howard, V; Safford, MM; Lee, BK; Lovasi, G; Cushman, M; Malek, AM; **McClure, LA** (2019). “Association of secondhand tobacco smoke exposure during childhood on adult cardiovascular disease risk among never-smokers.” *Annals of Epidemiology*, epub. PMID: PMC6441374

Bose, A; O’Neal, WT; Wu, C; **McClure, LA**; Judd, SE; Howard, VJ; Howard, G; Soliman, EZ (2019). “Sex differences in risk factors for incident atrial fibrillation (from the Reasons for Geographic And Racial Differences in Stroke [REGARDS] study).” *American Journal of Cardiology*, 23(9): 1453-1457. PMID in progress.

Marceaux, JC; Prosjje, MA; **McClure, LA**; Kana, B; Webb, N; Crowe, M; Kissela, B; Manly, J; Howard, G; Unverzagt, FW; Wadley, VG (2019). “Verbal fluency in a national sample: telephone administration methods.” *International Journal of Geriatric Psychiatry* 34(4): 578-587. PMID: PMC6420356

Jenny, NS; Callas, PW; Judd, SE; **McClure, LA**; Kissela, B; Zakai, NA; Cushman, M (2019). “Inflammatory cytokines and ischemic stroke risk: the REGARDS cohort.” *Neurology*, 92(20): e2375-e2384. PMID: PMC6598817

Sterling, MR; Jannat-Khah, D; Banerjee, S; **McClure, LA**; Wadley, VG; Unverzagt, FW; Levitan, EB; Goyal, P; Peterson, JC; Manly, JJ; Levine, DA; Safford, MA (2019). “The prevalence of cognitive impairment among adults with incident heart failure: The REasons for Geographic And Racial Differences in Stroke (REGARDS) Study.” *Journal of Cardiac Failure* 25(2): 130-136. PMID: PMC6377841

Howard, VJ; Madsen, T; Kleindorfer, DO; Judd, SE; Rhodes, D; Soliman, EZ; Kissela, BM; Safford, MM; Moy, CS; **McClure, LA**; Howard, G; Cushman, M (2019). “Sex and race differences in the association of incident ischemic stroke with risk factors.” *JAMA Neurology* 76(2): 179-186. PMID: PMC6439952

Levine, DA; Galecki, AT; Langa, KM; Unverzagt, FW; Kabeto, MU; Giordani, B; Cushman, M; **McClure, LA**; Safford, MM; Wadley, VG (2019). “Blood pressure and cognitive decline over 8 years in middle-aged and older black and white Americans.” *Hypertension* 73(2): 310-318. PMID: PMC6450556

Long, DL; Howard, G; Long, DM; Judd, S; Manly, J; **McClure, LA**; Wadley, V; Safford, M; Katz, R; Glymour, MM (2019). “An investigation of selection bias in estimating racial disparity in stroke risk factors: The REasons for Geographic And Racial Differences in Stroke (REGARDS) Study.” *American Journal of Epidemiology* 188(3): 587-597. PMID: PMC6395161

El Rouby, N; McDonough, CW; Gong, Y; **McClure, LA**; Mitchell, BD; Horenstein, RB; Talbert, RL; Crawford, DC; eMERGE network; Gitzendanner, MA; Takahashi, T; Tanaka, T; Kubo, M; Pepine, CJ; Cooper-DeHoff, RM; Benavente, OR; Shulinder, AR; Johnson, JA (2019). “Genome-wide association analysis of common genetic variants of resistant hypertension.” *The Pharmacogenomics Journal* 19(3): 295-304. PMID: PMC6426691

Chen, C; Xun, P; **McClure, LA**; Brockman, J; MacDonald, L; Cushman, M; et al. (2018) “Serum mercury concentration and the risk of ischemic stroke: the REasons for Geographic and Racial Differences in Stroke Trace Element Study.” *Environment International* (in press). PMID: PMC5997556

Gillett, SR; **McClure, LA**; Callas, PW; Thacker, EL; Unverzagt, FW; Wadley, VG; Letter, AJ; Cushman, M (2018). “Hemostasis biomarkers and incident cognitive impairment: a nested case control study in the REasons for Geographic and Racial Differences in Stroke Study.” *Journal of Thrombosis and Haemostasis* 16(7): 1259-1267. PMID: PMC6031469

Sarmiento, EJ; Moore, JX; **McClure, LA**; Griffin, R; Al-Hamdan, MZ; Wang, HE (2018). “Fine particulate matter pollution and risk for community-acquired sepsis.” *International Journal of Environmental Research and Public Health* (in press). PMID: PMC5923860

Chen, C; Xun, P; Tsinovoi, C; **McClure, LA**; Brockman, J; MacDonald, L; Cushman, M; Cai, J; Kamendulis, L; Mackey, J; He, K (2018). “Urinary cadmium concentration and risk of ischemic stroke.” *Neurology* 91(4): e382-e391. PMID: PMC6070385

Venkatraman, A; Callas, P; **McClure, LA**; Unverzagt, F; Arora, G; Howard, V; Wadley, VG; Cushman, M; Arora, P (2018). “Galactin-3 and the risk of future cognitive impairment in the REGARDS cohort.” *Alzheimer's & Dementia: Translational Research & Clinical Interventions* 4: 165-172. PMID: PMC5944416

Tabb, LP; **McClure, LA**; Quick, H; Purtle, J; Diez Roux, AV (2018). “Assessing the spatial heterogeneity in overall health across the United States using spatial regression methods: the contribution of health factors and county-level demographics.” *Health and Place* 51:68-77. PMID: 29549756

Tsinovoi, CL; Xun, P; **McClure, LA**; de Oca Carionio, VM; Brockman, JD; Cai, J; Guallar, E; Cushman, M; Unverzagt, FW, Howard, V; He, K (2018). "Urinary arsenic levels in relation to incidence of ischemic stroke: the REasons for Geographic And Racial Differences in Stroke (REGARDS) study." *Stroke* 49(1): 19-26. PMID: PMC5742041

Mefford, MT; Rosenson, RS; Cushman, M; Farkouh, ME; **McClure, LA**; Wadley, VG; Irvin, MM; Unverzagt, FW; Bittner, V; Safford, MM; Somaratne, R; Monda, KL; Muntner, P; Levitan, EB (2018). "PCSK9 variants, LDL-cholesterol, and neurocognitive impairment: Data from the REasons for Geographic And Racial Differences in Stroke (REGARDS) study." *Circulation* 173(12): 1260-1269. PMID: PMC5860959

Ahmad, MI; Mosley, CD; O'Neal, WT; Judd, SE; **McClure, LA**; Howard, VJ; Howard, G; Soliman, EZ (2018). "Smoking and risk for atrial fibrillation in the REasons for Geographic And Racial Differences in Stroke (REGARDS) study." *Journal of Cardiology* 71(2): 113-117. PMID: PMC5735021

Charles, BA; Hsieh, MM; Adevemo, AA; Shriner, D; Ramos, E; Chin, K; Srivastava, K; Zakai, NA; Cushman, M; **McClure, LA**; Howard, V; Flegel, WA; Rotimi, CN; Rodgers, GP (2018). "Analysis of genome wide association data, cytokines, and gene expression in African Americans with benign ethnic neutropenia." *PLoS One* 13(3): e0194400. PMID: PMC5875757

Wells, HL; **McClure, LA**; Porter, BE; Schwebel, DC (2018). "Distracted pedestrian behavior on two urban college campuses." *Journal of Community Health* 43(1): 96-102. PMID: PMC5762430

Loop, MS; **McClure, LA**; Levitan, EB; Al-Hamdan, MZ; Crosson, WL; Safford, MM (2018). "Fine particulate matter and incident coronary heart disease in the REGARDS study." *American Heart Journal* 197:94-102. PMID: PMC5819617

Fujishiro, K; MacDonald, LA; Crowe, MG; **McClure, LA**; Howard, VJ; Wadley, VG (2017). "The role of occupation in explaining cognitive functioning in later life: education and occupational complexity in a US national sample of black and white men and women." *Journal of Gerontology: Social Sciences* 74(7): 1189-1199. PMID: PMC6748817

Shoamanesh, A; Pearce, LA; Bazan, C; Catanese, L; **McClure, LA**; Sharma, M; Marti-Fabregas, J; Anderson, D; Kase, C; Hart, R; Benavente, OR (2017). "Microbleeds in the SPS3 Trial: Stroke, Mortality and Treatment Interactions." *Annals of Neurology* 82(2): 196-207. PMID: PMC5568949

Howard, G; **McClure, LA**; Moy, CS; Howard, VJ; Judd, SE; Yuan, Y; Long, DL; Muntner, P; Safford, M; Kleindorfer, DO (2017). "Self-reported stroke risk stratification: REasons for Geographic And Racial Differences in Stroke study." *Stroke* 48(7): 1737-1743. PMID: PMC5493147

Douce, D; **McClure, LA**; Lutsey, P; Cushman, M; Zakai, NA (2017). "Outpatient treatment of deep vein thrombosis in the United States: The REasons for Geographic And Racial Differences in Stroke study." *Journal of Hospital Medicine* 12(10): 826-830. PMID: PMC6246775

Albright, KC; Howard, VJ; Howard, G; Muntner, P; Bittner, V; Safford, MM; Boehme, AK; Rhodes, JD; Beasley, TM; Judd, SE; **McClure, LA**; Limdi, N; Blackburn, J (2017). "Age and sex disparities in discharge statin prescribing in the stroke belt: evidence from the Reasons for Geographic And Racial Differences in Stroke study." *Journal of the American Heart Association* 6(8): e005523. PMID: PMC5586419

Merrill, PD; Ampah, SB; He, K; Rembert, NJ; Brockman, J; Kleindorfer, DO; **McClure, LA** (2017). "Association between trace elements in the environment and stroke risk: the REasons for Geographic And Racial Differences in Stroke (REGARDS) study." *Journal of Trace Elements in Medicine and Biology* 43:45-49. PMID: PMC5481160

McClure, LA; Loop, MS; Crosson, W; Kleindorfer, D; Kissela, B; Al-Hamdan, M. (2017). "Fine Particulate Matter (PM_{2.5}) and the Risk of Stroke in the REGARDS Cohort." *Journal of Stroke and Cerebrovascular Diseases* 26(8): 1739-1744. PMID: PMC5609490

Schwebel, DC; **McClure, LA**, Porter, BE (2017). “Experimental exposure to texting and walking in virtual reality: a randomized trial to reduce distracted pedestrian behavior.” *Accident Analysis and Prevention* 102: 116-122. PMID: PMC5393920

Magvanjab, O; McDonough, CW; Gong, Y; **McClure, LA**; Talbert, RL; Horenstein, RB; Shuldiner, AR; Benavente, OR; Mitchell, BD; Johnson, JA (2017). “The influence of β 1-adrenergic receptor polymorphisms on cardiovascular outcomes and antihypertensive treatment in the Secondary Prevention of Small Subcortical Strokes (SPS3) trial.” *Stroke* 48(5): 1337-43. PMID: PMC5404951

Dufouil, C; Beiser, A; **McClure, LA**; Wolf, PA; Tzourio, C; Howard, VJ; Westwood, AJ; Himali, JJ; Sullivan, L; Aparicio, HJ; Kelly-Hayes, M; Ritchie, K; Kase, CS; Pikula, A; Romero, JR; D’Agostino, RB; Samieri, C; Vasan, RS; Chene, G; Howard, G; Seshadri S (2017). “A revised Framingham stroke risk profile to reflect temporal trends.” *Circulation* 135(12): 1145-1159. PMID: PMC5504355

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Schwebel, DC; Severson, J; He, J; **McClure, LA** (2017). “Virtual reality by mobile smartphone: improving child pedestrian safety.” *Injury Prevention* 23(5): 357. PMID: PMC5784423
Howard, G; Safford, MM; Moy, CS; Howard, VJ; Kleindorfer, DO; Unverzagt, FW; Soliman, EZ; Flaherty, ML; **McClure, LA**; Lackland, DT; Wadley, VG; Pulley, LV; Cushman, M (2016). “Racial differences in the incidence of cardiovascular risk factors in older black and white adults.” *Journal of the American Geriatric Society* 65(1): 83-90. PMID: PMC5258649

O’Neal, WT; Soliman, EA; Efird, JT; Judd, SE; Howard, VJ; Howard, G; **McClure, LA** (2016). “Fine particulate air pollution and premature atrial contractions: The REasons for Geographic And Racial Differences in Stroke Study.” *Journal of Exposure Science and Environmental Epidemiology* 27(3): 271-275. PMID: PMC5457811

Vasquez, MM; **McClure LA**; Sherrill, D; Patel, SR; Krishnan, J; Guerra, S; Parthasarathy, S (2016). “Positive airway pressure therapies and hospitalization in chronic obstructive pulmonary disease.” *The American Journal of Medicine* 130(7): 809-818. PMID: PMC442227

Zakai, NA; **McClure, LA**; Judd, SE; Kissela, B; Howard, G; Safford, MM; Cushman, M (2016). “D-dimer and the risk of stroke and coronary heart disease: the REasons for Geographic and Racial Differences in Stroke (REGARDS).” *Thrombosis and Haemostasis* 117(3): 618-624. PMID: PMC5824689

Rembert, NJ; He, K; Judd, S; **McClure LA** (2016). “The Geographic Distribution of Trace Elements in the Environment: the REGARDS study.” *Environmental Monitoring and Assessment* 189(2): 84. PMID: PMC5822713

Loop, MS; Howard, G; de los Campos, G; Al-Hamdan, MZ; Safford, MM; Levitan, EB; **McClure, LA** (2016). “Heat maps of hypertension, diabetes, and smoking in the continental US.” *Circulation: Quality and Outcome* 10(1). PMID: PMC5234692

Schwebel, DC; Li, P; **McClure, LA**; Severson, J (2016). “Evaluating a website to teach children safety with dogs: a randomized controlled trial.” *International Journal of Environmental Research and Public Health* 13(12) E1198. PMID: PMC5201339

Pearson, KE; Wadley, VG; **McClure LA**; Shikany, JM; Unverzagt, FW; Judd, SE (2016). “Dietary patterns are associated with cognitive function in the REasons for Geographic And Racial Differences in Stroke (REGARDS) cohort.” *Journal of Nutrition Science* 5: e38. PMID: PMC5048188

Howard, VJ; **McClure, LA**; Kleindorfer, D; Cunningham, SA; Thrift, AG; Diez Roux, AV; Howard, G (2016). “Neighborhood socioeconomic index and stroke incidence in a national cohort of blacks and whites.” *Neurology* 87(22): 2340-2347. PMID: PMC5135020

Ahluwalia, A; Gladwin, M; Coleman, GD; Hord, N; Howard, G; Kim-Shapiro, DB; Lajous, M; Larsen, FJ; Lefer, DJ; **McClure, LA**; Nolan, BT; Pluta, R; Schechter, A; Wang, CY; Ward, MH; Harman, JL (2016). “Dietary nitrate and the epidemiology of cardiovascular disease: report from a National Heart, Lung and Blood institute workshop.” *Journal of the American Heart Association* 5(7). PMID: PMC5015377

Rostand, SG; **McClure, LA**; Kent, ST; Judd, SE; Gutierrez, OM (2016). “Associations of blood pressure, sunlight, and vitamin D in community-dwelling adults.” *Journal of Hypertension* 34(9): 1704-10. PMID: PMC5341698

Cushman, M; Callas, PW; **McClure, LA**; Unverzagt, FW; Howard, VJ; Gillett, SR; Thacker, EL; Wadley, VG (2016). “N-terminal pro-B-type natriuretic peptide and risk of future cognitive impairment in the REGARDS cohort” *Journal of Alzheimer’s Disease* 54(2): 497-503. PMID: 27567834

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Howard, G; Moy, CS; Howard, VJ; **McClure, LA**; Kleindorfer, DO; Kissela, BM; Judd, SE; Unverzagt, FW; Soliman, EZ; Safford, MM; Cushman, M; Flaherty, ML; Wadley, VG (2016). “Where to focus efforts to reduce the black-white disparity in stroke mortality: incidence vs. case-fatality?” *Stroke* 47(7): 1893-8. PMID: PMC4927373

Boehme, A; **McClure, LA**; Zhang, Y; Luna, J; Del Brutto, O; Benavente, O; Elkind, M (2016). “Inflammatory markers and outcomes after lacunar stroke: the Levels of Inflammatory Makers in Treatment of Stroke Study.” *Stroke* 48(3): 659-67. PMID: PMC4766076

Peralta, CA; **McClure, LA**; Odden, MC; White, CL; Shlipak, M; Scherzer, R; Benavente, O; Pergola, P (2016). “Effect of intensive vs. usual blood pressure control and kidney function decline among persons with prior lacunar stroke – a post-hoc analysis of the SPS3 randomized trial.” *Circulation* 133(6): 584-91. PMID: PMC4829068

Schwebel, DC; Shen, J; **McClure, LA** (2016). “How do children learn to cross the street? The process of pedestrian safety training.” *Traffic Injury Prevention* 17(6): 573-9. PMID: PMC4990383

O’Neal, WT; Efirid, JT; Judd, SE; **McClure, LA**; Howard, VJ; Howard, G; Soliman, EZ (2016). “Impact of awareness and patterns of non-hospitalized atrial fibrillation on the risk of mortality: the REasons for Geographic And Racial Differences in Stroke study.” *Clinical Cardiology* 39(2): 103-10. PMID: PMC4769105

O’Neal, EE; Plumert, JM; **McClure, LA**; Schwebel, DC (2016). “The role of body mass index in child pedestrian injury risk.” *Accident Analysis & Prevention* 90: 29-35. PMID: PMC4827859

Odden, MC; **McClure, LA**; Sawaya BP; White, CL; Peralta, CA; Field, TS; Hart, RG; Benavente, OR; Pergola, PE (2016). “Achieved blood pressure and outcomes in the Secondary Prevention of Small Subcortical Strokes (SPS3) trial.” *Hypertension* 67(1): 63-69. PMID: PMC4579688

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Book Chapters

Kempler, S; et al. *Environmental Tracking for Public Health Surveillance*. Editors: Morain, SA and Budge, AM. CRC Press, The Netherlands: 2013. pages 280-283.

Publications: Non-Refereed

McClure, LA and Brown, MB (2001). “Multiple Outcomes in Clinical Trials: A Comparison of Methods”. *ASA Proceedings of the Joint Statistical Meetings* (electronic).

Carlson, NE; **McClure, LA**; Brown, MB (1999). “A Monte Carlo Comparison of Three Model-Based Pulse Detection Algorithms”. *Proceedings of the Biometrics Section of the ASA*, 357-362.

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Invited Seminars

“Effective Collaboration with a Statistician”
St. Christopher’s Hospital for Children (October 13, 2020)

“Developing Nationwide Exposures to Assess Geographic Differences in Diabetes Incidence: Tales from the Diabetes LEAD Network”

Department of Biostatistics, University of Iowa (February 3, 2020)

Department of Biostatistics, University of Florida (December 2, 2019)

“Sample Size Re-Estimation: A Cautionary Tale”

Department of Public Health Sciences, Penn State College of Medicine (December 12, 2019)

“A Post-Hoc Evaluation of Sample Size Re-Estimation: What Happens in Real Life?”

Departments of Math and Statistics, and Biostatistics; Georgia State University (September 13, 2019)

Department of Biostatistics, UNC-Chapel Hill (February 14, 2019)

Department of Epidemiology, Biostatistics and Occupational Health, McGill University (February 5, 2019)

“Sexual Misconduct: A 21st Century View.”

Drexel Faculty Women’s Association, Drexel University (February 25, 2019)

“Adaptive Designs in Clinical Trials: An Introduction and Example”

PRISM at NYU (October 24, 2018)

“An Introduction to Cluster-Randomized Trials”

Center for AIDS Research, University of Alabama at Birmingham (October 9, 2018)

“A Post-Hoc Evaluation of a Sample Size Re-Estimation: The SPS3 Experience”

Department of Biostatistics, Bloomberg School of Public Health Johns Hopkins University (October 1, 2018)

Department of Epidemiology and Biostatistics, George Washington University (September 8, 2017)

Department of Epidemiology and Population Health, Albert Einstein College of Medicine (September 27, 2017)

“A Day in the life of a Biostatistician”

Ursinus College (January 22, 2016; April 11, 2018)

Temple University Math Club (February 24, 2017)

King University (February 23, 2015)

“Sample Size Re-Estimation: Is Bigger Always Better?”

Division of Biostatistics, School of Public Health, University of Minnesota (March 1, 2017)

Department of Pharmacology and Experimental Therapeutics, Thomas Jefferson University (April 12, 2016)

Department of Biostatistics & Epidemiology, Perelman School of Medicine, University of Pennsylvania (February 18, 2016)

“Effective Collaboration with a Biostatistician”

Translational Medicine Course for MD and PhDs, University of Alabama at Birmingham (April 22, 2015)

“Monitoring Futility in a 2x2 Factorial Design”

Department of Biostatistics, Ohio State University (March 27, 2015)

Department of Epidemiology & Biostatistics, Drexel University School of Public Health (October 27, 2014)

Association of Clinical and Translational Statisticians (August 4, 2013)

“Is bigger always better? Sample Size Re-Estimation in SPS3”

Department of Biostatistics, University of Alabama at Birmingham (July 8, 2014)

“Bigger isn’t always better: the Secondary Prevention of Small Subcortical Strokes Study”

Comprehensive Cardiovascular Research Center Research Conference, University of Alabama at Birmingham (February 27, 2014)

“Re-estimating sample size midtrial: The SPS3 Experience”

Department of Biostatistics, University of Florida College of Public Health and Health Professions (December 6, 2013)

“Adaptive Designs in Clinical Trials”

University of Mississippi College of Pharmacy (April 22, 2013)

“Compliance in Clinical Trials”

Division of Epidemiology & Biostatistics, University of Arizona College of Public Health (February 25, 2013)

“Sample size re-estimation in an on-going clinical trial: the SPS3 experience.”
Department of Biostatistics, University of Kansas Medical School (January 25, 2013)

“Lessons learned from an on-going clinical trial: the SPS3 experience.”
University of Miami Department of Epidemiology and Public Health, Division of Biostatistics Seminar (May 23, 2012)
University of Arizona Mel & Enid Zuckerman College of Public Health Scholar Seminar (October 5, 2011)

“Multiple outcomes in clinical trials: a comparison of methods.”
University of Iowa Department of Biostatistics (October 19, 2001)

Selected Presentations (Presenter)

Bulter, E; Enders, F; **McClure, LA**; Usher, T (October 2020). Women in Statistics and Data Science, Virtual. “Promoting hiring practices that advance equity, diversity, and inclusion.” (invited panel)
Bellamy, SB; Betensky, R; Garcia, R; **McClure, LA**; Tabb, LP (October, 2020). Women in Statistics and Data Science, Virtual. “Promoting mentor-mentee relationships: an effective strategy to enhance pipeline initiatives to increase diversity in (bio)statistics and data science.” (invited panel)

McClure, LA; Ranjan, A; Coffey, CS (May, 2020). Society for Clinical Trials Annual Meeting (abstract accepted, meeting cancelled due to coronavirus). “Challenges in implementing sample size re-estimation in cluster-randomized trials.” (invited)

Desai, M; **McClure, LA**; Millen, B; Price, D (March, 2020). ENAR Spring Meeting (presented virtually). “Mentoring throughout a lifetime: considerations for mentors and mentees at all career stages.” (invited panel)

McClure, LA. (July, 2019). Diversity Mentoring Workshop, Joint Statistical Meetings, Denver, CO. “Effective Presentations” (invited presentation)

McClure, LA; Benn, E; LaLonde, DE; Morton, S; Santos, R (July, 2019). Joint Statistical Meetings, Denver, CO. “Sexual Harassment and Assault: Confronting the Threat to our Statistical Community.” (invited presentation/panel)

McClure, LA; Cai, J; Hanlon, A; Patel, S; Rieger, R (March, 2019). ENAR Spring Meeting, Philadelphia, Pennsylvania. “Finding the right academic fit.” (invited panel)

McClure, LA and Tekwe, C (March, 2019). Fostering Diversity in Biostatistics Workshop, ENAR Spring Meeting, Philadelphia, Pennsylvania. “Balance and Self-Care in the Field.” (invited panel)

McClure, LA, Lin, X; Rathauz, P. Vannucci, M (March, 2019). ENAR Workshop for Junior Biostatisticians in Health Research, Philadelphia, Pennsylvania. “Leadership, Promotion, Career Development.” (invited panel)

McClure, LA and Stuart, L (December, 2018). ENAR WebENAR “Lessons and Strategies for a Career in Academia.”

McClure, LA; Long, L; Tison, S; Judd, S; Howard, G; Cushman, M. Computational and Methodological Statistics, Pisa, Italy. (December, 2018). “Statistical properties of sub-cohort selection when testing interactions in biomarker studies.”

McClure, LA (October, 2018). Women in Statistics and Data Science, Cincinnati, OH. “Seeking Work-Life Balance Integration.”

Benn, E; Cook, D; Lum, K; **McClure, LA**; Mengersen, K; Millen, B; Waller, L (August, 2018). Joint Statistical Meetings, Vancouver, BC. “Addressing Sexual Misconduct in the Statistics Community.” (late-breaking invited session).

McClure, LA (May, 2018). Society for Clinical Trials, Portland, OR. “Design of an Adaptive Trial of Extra-Corporeal Membrane Oxygenation for Refractory Out-of-hospital Cardiac Arrest (EROCA): Discussant.” (invited session)

Clyde, M; **McClure, LA**; Price, D; Stuart, E (October, 2017). Women in Statistics and Data Science, La Jolla, CA. “Too young to lead, but stepping up anyway.” (invited panel)

McClure, LA (September, 2017). Biostatistics in the Modern Computing Era, Milwaukee, WI. “Sample size re-estimation: is bigger always better?” (invited)

McClure, LA; (May, 2017). Society for Clinical Trials Annual Meeting, Liverpool, UK. “Sample size re-estimation: is bigger always better?” (invited)

McClure, LA, Lin, X; Rathauz, P. Vannucci, M (March, 2017). ENAR Workshop for Junior Biostatisticians in Health Research, Philadelphia, Pennsylvania. “Leadership, Promotion, Career Development.” (invited panel)

McClure, LA; George-Jackson, C; Kutzko, P; Chaloner, K (July, 2014). International Conference on STEM Education, Vancouver, British Columbia. “A new disciplinary model for increasing the number of underrepresented minorities in the mathematical sciences.”

McClure, LA; Szychowski, JM; Benavente, O; Hart, RG; Coffey, CS (May, 2013). Society for Clinical Trials Annual Meeting, Boston, Massachusetts. “Evaluating the impact of increasing the sample size in the Secondary Prevention of Small Subcortical Strokes (SPS3) Trial: hindsight is 20/20”.

McClure, LA; Szychowski, JM; Benavente, O; Hart, RG; Coffey, CS (February, 2013). International Stroke Conference, Honolulu, Hawaii. “Increasing the sample size in the Secondary Prevention of Small Subcortical Strokes (SPS3) study: what did we gain?” (poster)

McClure, LA; Kleindorfer, DO; Cushman, M; Soliman, EZ; Howard, G; Kissela, BM (February, 2013). International Stroke Conference, Honolulu, Hawaii. “The performance of the Framingham stroke risk score in the REGARDS cohort.” (poster)

McClure, LA; Loop, MS; Crosson, WL; Kleindorfer, DO; Kissela, BM; Al-Hamdan, MZ (February, 2013). International Stroke Conference, Honolulu, Hawaii. “Fine particulate matter (PM_{2.5}) and the risk of stroke in the REGARDS cohort.” (poster)

Kent, ST; **McClure, LA;** Crosson, WL; Al-Hamdan, MZ; Wadley, VG; Judd, SE; Peace, F; Kabagambe, EK (February, 2012). International Stroke Conference, New Orleans, LA. “Relationship between sunlight and temperature exposure to stroke incidence in the REasons for Geographic and Racial Differences in Stroke (REGARDS) study.” (poster – received considerable press coverage)

McClure, LA; Szychowski, JM; Benavente OB; Hart, RG; Conwit, R; Coffey, CS (February, 2011). International Stroke Conference, Los Angeles, CA. “The use of an unplanned adaptive design in an NIH-sponsored stroke prevention trial – observations from SPS3.”

McClure, LA (September, 2010). NASA Public Health Program Update, San Antonio, Texas. “Linking NASA Environmental Data with a National Public Health Cohort Study to Enhance Public Health Decision Making.”

McClure, LA; Szychowski, J; Benavente, O; Hart, RG; Coffey, CS (May, 2010). The Society for Clinical Trials Annual Meeting, Baltimore, Maryland. “The effect of an unplanned sample size re-estimation on the Type I error rate.”

Estes, M; Al-Hamdan, M; Estes, S; Crosson, W; Quattrochi, D; Kent, S; **McClure, LA** (April, 2010). University of Alabama at Birmingham School of Public Health Research Day, Birmingham, Alabama. “Utilization of high-resolution satellite data from the National Land Cover Data: the relationship between hypertension and living environment in the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study.” (poster, 3rd prize – faculty division)

McClure, LA; Crosson, W; Al-Hamdan, M; Kent, S; Estes, S; Quattrochi, D; Estes, M (November, 2009). The American Public Health Association’s 137th Annual Meeting, Philadelphia, Pennsylvania. “Utilization of high-resolution satellite data from the National Land Cover Data: the relationship between hypertension and living environment in the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study.” (roundtable discussion)

McClure, LA; Howard, G; Coffey CS (May, 2009). The Society for Clinical Trials Annual Meeting, Atlanta, Georgia. “Monitoring Futility in Two-by-Two Factorial Studies.”

McClure, LA; Howard, V; Wadley, V; Safford, M; Stewart, M; Wagner, L; Temple, E; Rhodes, D; Howard, G. (April, 2009). University of Alabama at Birmingham Minority Health Research Conference. “A novel approach to studying racial and geographic differences in stroke in a nation-wide community sample: the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study.” (poster)

Howard, VJ; **McClure, LA;** Zhang, S; Howard, G; Colabianchi, N; Hooker, SP (April, 2009). University of Alabama at Birmingham Minority Health Research Conference. “Racial and Geographic Differences in Self-Reported Moderate or More Physical Activity: the REasons for Geographic And Racial Differences in Stroke (REGARDS) Study.”

McClure, LA (September, 2008). NASA Public Health Program Update, Biloxi, Mississippi. “A Cooperative Agreement between the NASA and the UAB School of Public Health.”

McClure, LA (May, 2008). The American Thoracic Society International Meeting, Toronto, Canada. “Effective Collaboration with a Statistician.” (invited)

McClure, LA (May, 2008). The American Thoracic Society International Meeting, Toronto, Canada. “Establishing Academic Partnerships with NASA.” (invited)

McClure, LA; Szychowski, J; Coffey, CS (September, 2007). SPS3 Annual Investigator’s Meeting, San Diego, California. “The effect of reconsenting on power and bias in SPS3.”

McClure, LA (March, 2007). Birmingham Southern College, The University of Montevallo. “Biostatistics at UAB”.

McClure, LA (October, 2006). The University of Michigan Brown Bag Seminar Series; (November, 2006) The University of Alabama at Birmingham Journal Club. “Pursuing Academic Jobs: Advice for Graduates”.

McClure, LA (September, 2006). SPS3 Annual Investigator’s Meeting, San Antonio, Texas. “The effect of drop-outs/losses to follow-up and treatment non-compliance in time to event studies.”

McClure, LA; Coffey, CS; Howard, G (August, 2006). The Joint Statistical Meetings, Seattle, Washington. “Monitoring futility in two-by-two factorial studies”.

McClure, LA; Graham, H; Roper, A; Gerald, L (May, 2006). Society for Clinical Trials, Orlando, Florida. “Internet-based monitoring of asthma symptoms, peak flow meter readings, and absence data in a school-based study.”

McClure, LA; Howard, V; Cushman, M; Safford, ME; Lewis, CE; Prineas, RJ; Voeks, J (March, 2006). 46th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Phoenix, Arizona. “Racial and regional differences in hormone therapy use in a national sample in the post-WHI era: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study”. (poster)

McClure, LA (November, 2005). Fall 2005 StatFest, Tallahassee, Florida “Biostatistics at UAB”.

McClure, LA; Howard, V; Lewis, CE; Safford, M; Cushman, M; Prineas, R; Voeks, J (August, 2005). Advancing the Study of Stroke in Women, Raleigh, North Carolina. “Racial Differences in Hormone Therapy Use in a National Sample in the Post-WHI Era: The REasons for Geographic and Racial Differences in Stroke (REGARDS) Study”. (poster)

McClure, LA; Brown, MB (August, 2004). The Joint Statistical Meetings, Toronto, Ontario. “Analysis of Clinical Trials When Treatments Favor Different Outcomes”.

McClure, LA; Brown, MB (May, 2004). Society for Clinical Trials, New Orleans, Louisiana. “Analysis of Clinical Trials When Treatments Favor Different Outcomes”.

McClure, LA; Brown, MB (August, 2002). The Joint Statistical Meetings, New York, New York. “Designing Clinical Trials when Treatments Favor Different Outcomes”.

McClure, LA; Brown, MB (August, 2001). The Joint Statistical Meetings, Atlanta, Georgia. “Multiple Outcomes in Clinical Trials: A Comparison of Methods”.

McClure, LA; Carlson, NE; Brown, MB (August, 1999). The Joint Statistical Meetings, Baltimore, Maryland. “A Comparison of Pulse Identification Programs Applied to Hormone Data”. (poster)

Active Grant Activity

R01 AG061116-01 (Gitlin) 09/01/2018-8/31/2023
NIH/NIA \$2,499,333

Efficacy of the WeCareAdvisor: An Online Tool to Help Caregivers Manage Behavioral and Psychosocial Symptoms in Patients with Dementia

This randomized clinical trial will assess the efficacy of the WeCareAdvisor, an on-line tool, developed to help caregivers manage their loved ones with dementia.

Role: Co-I

2 U01 NS041588 (S. Judd/G Howard/J. Manly) 2/15/2018 – 1/31/2023
NIH/NINDS

VCID and Stroke in a Bi-racial National Cohort (REGARDS)

This is a longitudinal cohort study of > 30,000 black and white participants over the age of 45 from the 48 contiguous states. The aims of the current grant are to: 1) advance the understanding of disparities in the rate of cognitive decline and the development of clinically defined cognitive impairment, 2) continue to advance the understanding of disparities in stroke risk, with particular emphasis on stroke in the elderly, and 3) assess biomarkers contributing to the disparities in the development of hypertension and diabetes.

Role: Subcontract PI, Lead Statistician

U01 DP006293 (McClure) 09/30/2017-08/31/2022
CDC \$2,971,440

Component B: Coordinating Center for Community Characteristics Associated with Geographic Disparities in Diabetes

This research will examine the community characteristics that may influence geographic disparities in diabetes, in order to inform policy. Our role is to serve as the Coordinating Center for the sites, overseeing all aspects of database development, data entry, analysis, and other aspects of coordination.

Role: PI

R01 ES027696 (Kaufman) 9/15/2017-6/30/2021
NIH/NIEHS \$687,881

Air Pollutants and Cardiovascular Risk: Investigating Thresholds with Pooled Cohorts and Electronic Health Records

This proposal applies a combination of proven and novel approaches to: 1) define the concentration-response relationship between long-term exposure to air pollutants and incident cardiovascular disease events and mortality; and 2) compare the results obtained using traditional epidemiological cohort data with approaches using “big data” sources. We propose to pool information from a set of well-established cohorts in the U.S., each with appropriate outcome, home address, and individual-level covariate detail, to create an amply powered study. The consortium cohorts feature geographic and exposure diversity. As a second approach, we will also study one unusually well-characterized large-scale integrated health delivery system, Kaiser Permanente Northern California (KPNC), with detailed electronic health records (EHRs). These approaches, combined with state-of-the-art fine-scale hybrid modeling of air pollutant concentrations and advanced statistical methods, will robustly achieve these objectives.

Role: Co-I

R01 HD039961 (Robins) 76/01/2017-6/30/2022
NIH/NICHD \$2,500,000

Early Detection of Autism Spectrum Disorder

This randomized trial examines the impact of early screening for ADS compared to usual care with respect to cognitive and developmental outcomes. This study will investigate three key questions: (1) what is the best age to initiate screening (12, 15, or 18 mos)? (2) Can accuracy of physician surveillance be improved with a brief, focused intervention? (3) What are the factors associated with disparity in effective ASD screening and surveillance at the child/family level (e.g., race/ethnicity,

socioeconomic status, sex) and at the physician/practice level (physician beliefs and self-efficacy, practice location, and patient demographics)?

Role: Data Coordinating Center PI

RF1 AG056111 (He) 04/01/2017 – 3/31/2022
NIH/NIA \$1,973,920 (Subcontract)

Trace mineral levels, the trajectory of cognitive decline and telomere attrition

This research is concerned with determining whether levels of trace minerals in the blood and urine are associated with trajectories of cognition over time in the REGARDS study. In addition, this study will be one of the first to consider telomere length, and the role it may play as a mediator of the association between trace minerals and cognitive decline.

Role: Subcontract PI

4956-RFPA15-2/17-2 (Clougherty) 06/01/2017 – 05/31/2020
Health Effects Institute

Susceptibility to Multiple Air Pollutants in Cardiovascular Disease

This research assess how exposure to multiple air pollutants impacts risk of CVD using novel statistical methods.

Role: Co-I

Pending Grants

Robins, D: Predictors and Impact of Anxiety in Children with ASD
\$582,465

Role: Co-I

Robins, D: Video-enhanced Screening for Autism Spectrum Disorder in Toddlers
\$499,999

Role: Co-I

Selected Completed Grant Activity

U01 NS41588 (Howard) 12/01/2012 - 11/30/2018
NIH/NINDS \$20,967,522

Etiology of Geographic and Racial Differences in Stroke (REGARDS)

The major goals of this project are to provide national data on stroke incidence, case fatality, prevalence of cerebrovascular risk factors and lifestyle choices and access geographic and racial variations in these.

Role: Co-I

U0G3 OD023342 (Newschaffer) 09/21/2016-08/31/2018
NIH \$1,340,008

An ASD Enriched Risk (ASD-ER) ECHO Cohort

This research involves collecting shed teeth from children to examine the association between prenatal environmental exposures and development of autism.

Role: Co-I

R01 000422514 (He & McClure, co-PIs) 08/17/2012-04/30/2018
NIH/NIEHS \$46,918 (Subcontract)

Trace Element Levels and Risk of Stroke: A Reason for "Stroke Belt"

This project will characterize trace elements among a sub-set of participants in the Reasons for Geographic And Racial Differences in Stroke (REGARDS) study, in order to assess whether these elements are related to stroke.

Role: Co-PI

R21 HD078371 (Schwebel) 09/01/2015 – 08/31/2017
NIH-NICHD \$275,000 (Subcontract)

Distracted Pedestrian Behavior: Using Virtual Reality to Increase Safety

This research is concerned with teaching college students about distracted street crossing (e.g. texting or talking on the phone while walking across streets) via submersion in a virtual reality environment.

Role: Co-I

R01 AG039588 (V Howard) NIH/NIA <u>Childhood SES Factors: Impact on Age-Related Cognitive and Vascular Health</u>	9/30/2011 - 8/31/2016 \$547,325	
R01 NS38529 (Benavente, McClure subcontract PI) NIH/NINDS <u>Secondary Prevention of Small Subcortical Stroke (SPS3)</u>	02/01/2012 - 02/28/2016 \$ 427,159	
R01 HD080477 (Turan) NIH-NICHD/University of Colorado <u>Maximizing Adherence & Retention For Women And Infants In The Context Of Option B+ In Kenya</u>	5/12/2014 – 4/30/2015 \$78,279	Consultant
R21 HD075960 (Schwebel) NIH/NICHD <u>A Website to Teach Children Safety with Dogs: Development and Evaluation</u>	01/01/2014 - 12/31/2015 \$ 122,717	
R01 NS083346 (Johnson, McClure subcontract PI) NIH/NINDS <u>Secondary Prevention of Small Subcortical Strokes Genetic Substudy</u>	03/15/2011 - 02/28/2014 \$ 20,575	
NNX09AV81G (McClure) NASA <u>Linking NASA Environmental Data with a National Public Health Cohort Study to Enhance Public Health Decision Making</u>	10/01/2011 - 12/30/2014 \$ 252,731	
R01 HD058573 (Schwebel) NIH/NICHD <u>Using Virtual Reality to Teach Children to Safely Cross the Street</u>	05/01/2009 - 04/30/2014 \$ 213,515	
NIH U01 NS41588 (Howard, G) NIH/NINDS <u>Etiology of Geographic and Racial Differences in Stroke (REGARDS)</u>	10/01/08-09/30/12 \$8,823,283	
1RC 1HL099460 (Zakai, subcontract PI) NIH/NHLBI <u>Reasons for Racial Disparities in Venous Thromboembolism</u>	09/30/09 – 08/31/12 \$488,400	
5R01HL86972 (Gerald) NIH-NHLBI <u>The Effects of a School-Based Hand Sanitizer Program on Asthma</u>	08/01/2007-05/31/2012 \$724,825	
NNM07AA05A (McClure) NASA <u>A Collaborative Agreement Between the UAB School of Public Health & NASA</u>	06/01/2007-05/31/2012 \$587,047	
No Number Assigned (Bradley) Genzyme Corporation <u>Cognitive Function and Decline in Fabry Disease: A Pilot Feasibility Study</u>	05/28/2009 – 05/27/2011 \$100,000	
R01 NS38529-04 (Elkind, subcontract PI) NIH/NINDS <u>Levels of Inflammatory Markers in Treatment of Stroke (LIMITS)</u>	03/25/2005 – 04/30/2011 \$145,229	
No Number Assigned (Curtis)	01/01/2007-12/31/2010	

Arthritis Foundation	\$321,000
<u>Osteoporosis and Associated Stroke and MI in a Multi-Ethnic Cohort</u>	
R40MC8728 (Gerald)	09/01/2007-09/31/2010
MCH	\$287,580
<u>The Impact of Caregivers (Parents) Health Literacy on Pediatric Asthma Outcomes</u>	
5R01HL75043 (Gerald)	05/01/2004-04/30/2007
NIH-NHLBI	\$2,155,790
<u>Effectiveness of School-Based Supervised Asthma Therapy</u>	
No number assigned (Warnock)	12/22/2003-12/21/2007
Amgen	
<u>Renal Ancillary Study of the REGARDS Study</u>	
NIH R01 NS41588 (Howard, G)	09/01/2001-08/31/2007
NIH/NINDS	\$10,335,830
<u>Etiology of Geographic and Racial Differences in Stroke (REGARDS)</u>	

Teaching Experience

Spring, 2020	Biostatistics 560: Intermediate Biostatistics Drexel University
Spring, 2020	Independent Study in Biostatistics: Manuscript Writing Drexel University
AY: 2019-20	Research Skills in Biostatistics I-III (co taught with Dr. Harrison Quick) Drexel University
Fall, 2019	Biostatistics 567: Statistical Consulting Drexel University
Spring, 2019	Biostatistics 623: Theory of Generalized Linear & Mixed Models Drexel University
Winter, 2019	Public Health 500T – Special Topics in Biostatistics: The Lady Tasting Tea Drexel University
Fall, 2018 Winter, 2018	Biostatistics 680: Special Topics in Statistical Collaboration Drexel University
Spring, 2017, 2018	Public Health 629 – Introduction to Clinical Trials Drexel University
Fall, 2016	Public Health 312 – Public Health Data Analysis Drexel University
Winter, 2015	Biostatistics 725 – Advanced Clinical Trials I University of Alabama at Birmingham
Winter, 2010, 2011, 2013, 2015	Biostatistics 695 – Special topic in Biostatistics: The Lady Tasting Tea University of Alabama at Birmingham
Summer, 2011	Biostatistics 690 – Applied Problems in Biostatistics

Fall, 2014	University of Alabama at Birmingham
Fall, 2005-06, 2013	Biostatistics 623 – General Linear Models University of Alabama at Birmingham
Winter, 2011, 2013	Biostatistics 726 – Advanced Clinical Trials II University of Alabama at Birmingham
Winter, 2006, 2008, 2010, 2012	Biostatistics 760 – Generalized Linear and Mixed Models University of Alabama at Birmingham
Fall, 2009	Biostatistics 695 – Special Topics in Biostatistics: Statistical Methods for Environmental Data University of Alabama at Birmingham
Winter, 2008	Biostatistics 619 – Data Collection, Management & Analysis University of Alabama at Birmingham
Fall, 2007-10	Biostatistics 626 – Introduction to Data Management and Reporting using the SAS System University of Alabama at Birmingham
Fall, 2001-2002	Lecturer, Introduction to SAS Programming University of Michigan
Summer 2002	Participant, Rackham – CRLT Seminar on College Teaching <ul style="list-style-type: none"> • Developed a syllabus for a new course geared towards medical students. • Developed a teaching portfolio. • Learned about teaching techniques, multiculturalism in the classroom, and incorporating technology into the classroom.

Teaching Experience (As Guest Lecturer)

Fall, 2020	Fellow's Core Curriculum Series St. Christopher's Hospital for Children Lecture: Collaborating with Statisticians for Scholarly Activity
Winter, 2015, 2017	PHAD 792 - Drug Development and Marketing University of Mississippi
Winter, 2016	Public Health 683 – Advanced Clinical Trials Drexel University
Winter, 2015	CTSA Training Program University of Alabama at Birmingham
Fall, 2007, 2012 Winter, 2010	Biostatistics 725 – Advanced Clinical Trials University of Alabama at Birmingham
Fall, 2007	Health Services Administration 720 – Doctoral Seminar University of Alabama at Birmingham
Summer, 2007	Biostatistics 795 – Special Topics in Applied Statistics University of Alabama at Birmingham
Winter, 2006 Fall, 2005	GCRC Resident Course on Clinical Research University of Alabama at Birmingham

Winter, 2006	Biostatistics 795 – Advanced Clinical Trials II University of Alabama at Birmingham
Fall, 2005	Biostatistics 655 – Categorical Data Analysis University of Alabama at Birmingham
Winter, 2005 2007, 09	Biostatistics 665 – Survival Analysis University of Alabama at Birmingham
Fall, 2004	Biostatistics 603 – Intro to Linear Regression University of Alabama at Birmingham

Students

Doctoral Committees: Committee Chair/co-Chair

Melissa Meeker (Biostatistics, Drexel University), in progress – Committee Chair

Shanika De Silva (Biostatistics, Drexel University), in progress – Committee Chair

Max Pistilli: PhD (Epidemiology, Drexel University), in progress – Committee Chair

Matthew Loop: PhD (Biostatistics, UAB), Completed 3/2015 – Committee Chair
Dissertation: Spatial analysis of hypertension of a large US cohort
Current position: Assistant Professor of Biostatistics, University of North Carolina

Peter Merrill: PhD (Biostatistics, UAB), Completed 12/2014 – Committee Chair
Dissertation: Non-compliance in clinical trials: Statistical Perils
Current position: Staff Statistician, Duke University

Ashutosh Ranjan: PhD (Biostatistics, UAB), completed 7/2014 – Committee Chair (with Dr. Christopher Coffey)
Dissertation: “Power issues and internal pilot designs for cluster-randomized trials with unequal cluster sizes”
Current position: Statistician, Quintiles

Shia Kent: PhD (Epidemiology, UAB), completed 12/2011– Committee Chair (with Dr. Edmund Kabagambe)
Dissertation: “The relationship between sunlight exposure and cognitive function and stroke risk”
Current position: Senior Researcher, HealthCorp

Kiya Hamilton: PhD (Biostatistics, UAB), completed 10/2009 – Committee Chair
Dissertation: “Design of the predictive power method with two endpoints”
Current position: Mathematical Statistician at the FDA

Tina Dube: PhD (Biostatistics, UAB), completed 5/2008 – Committee Chair
Dissertation: “Assessing and correcting the effects of measurement error among correlated covariates in a proportional hazards setting”
Current position: Biostatistician at the EMMES Corporation

Doctoral Committees: Committee Member

Rennie Joshi: PhD (Epidemiology, Drexel University), in progress – Committee Member

Leny Mathews: PhD (Epidemiology, Drexel University), completed 6/2020 – Committee Member

Pam Phojanakong: PhD (Epidemiology, Drexel University), completed 8/2019 – Committee Member

Caroline Greene: PhD (Psychology, UAB), completed 7/2018 – Committee Member

Liqiong Fang: PhD (Biostatistics, MUSC), completed 3/2016 – Committee Member

Hwasoon Kim: PhD (Biostatistics, UAB), completed 9/2015 – Committee Member

Brandon George: PhD (Biostatistics, UAB), completed 10/2014 – Committee Member
Meghan Tipton: DrPH (International Health, UAB), completed 10/2014 – Committee Member
Sandeep Mishra: DrPH (International Health, UAB), completed 9/2014 – Committee Member
Peng Li: PhD (Biostatistics, UAB), completed 8/2014 – Committee Member
SuJin Jeong: PhD (Health Care Organization & Policy, UAB), completed 5/2013 – Committee Member
Sarah Gillett: MD/PhD (Epidemiology, University of Vermont), completed 10/2012 – Committee Member
Omar Mbowe: PhD (Biostatistics, UAB), completed 10/2012 – Committee Member
John Bentley: PhD (Biostatistics, UAB), completed 12/2011 – Committee Member
Milind Phadnis: PhD (Biostatistics, UAB), completed 8/2011 – Committee Member
Payal Patel: DrPH (Health Care Organization & Policy, UAB), completed 5/2011 – Committee Member
Isabel Garces: PhD (Maternal & Child Health, UAB), completed 5/2009 – Committee Member
Qing Li: PhD (Biostatistics, UAB), completed 8/2008 – Committee Member
Kathy Harrington: PhD (Health Behavior, UAB), completed 10/2006 – Committee Member

Master's/Bachelor's Committees – Committee Chair/co-Chair/Mentor

Tara McWilliams: MS (Biostatistics, Drexel University), completed 6/2020 - Committee Chair
Adams Ako: MPH (Epidemiology, Drexel University), completed 6/2020 – Committee Chair
Heather Rollins: MS (Biostatistics, Drexel University), completed 6/2019 – Committee Chair
Danielle Sienko: MS (Biostatistics, Drexel University), completed 6/2018 – Committee Chair
Juhi Mittal: MS (Biostatistics, Drexel University), completed 6/2018 - Committee Chair
Li Zhong: MPH (Biostatistics, Drexel University), completed 6/2018 - Committee Chair
TJ Risoli: MS (Biostatistics, Drexel University), completed 6/2017 – Committee Chair
Bridget Daly: MS (Biostatistics, Drexel University), completed 6/2016 – Committee Chair
Xiaofei Chi: MS (Biostatistics, UAB), completed 11/2015 – Committee Chair
Matthew Loop: MS (Biostatistics, UAB), completed 5/2012 – Committee Chair
Kalyani Peri: MS (Biostatistics, UAB), completed 12/2011 – Committee Chair
Peter Merrill: MS (Biostatistics, UAB), completed 12/2010 – Committee Chair
Heather Murphy: MS (Biostatistics, UAB), completed 8/2007 – Committee Chair

Master's/Bachelor's Committees – Committee Member

Margie Jefferson: MS (Neurosciences, Wake Forest University), completed 5/2018 – Committee Member
Hayley Wells: MS (Psychology, UAB), completed 11/2015 – Committee Member
Caroline Greene: MS (Psychology, UAB), completed 8/2014 – Committee Member
David Buys: MSPH (Epidemiology, UAB), completed 12/2013 – Committee Member
Jessica Swinea: BS (Psychology, Honors, UAB), completed 12/2012 – Committee Member
Rekha Ramachandran: MS (Biostatistics, UAB), completed 8/2011 – Committee Member
Lindsey Hornung: MS (Biostatistics, UAB), completed 5/2011 – Committee Member
Liyang Gao: MS (Biostatistics, UAB), completed 8/2010 – Committee Member
Naomi Chen: MPH (Health Behavior, UAB), completed 5/2010 – Committee Member
Kerri Howard: MS (Biostatistics, UAB), completed 5/2009 – Committee Member
Shia Kent: MS (Epidemiology, UAB), completed 7/2008 – Committee Member
Kathakali Ghosh: MS (Biostatistics, UAB), completed 10/2006 – Committee Member
Qing Li: MS (Biostatistics, UAB), completed 8/2006 – Committee Member

Formal Mentoring (Post-docs, Faculty – current mentees denoted in boldface)

Post-docs:

Tara McAlexander, PhD: 2019-current
Current Role: Post-doctoral Fellow, Drexel University

Jeff Szychowski, PhD: 2006-07
Current Role: Associate Professor of Biostatistics, UAB

Suzanne Judd, PhD: 2007-09

Current Role: Professor of Biostatistics, UAB

Angela Malek, PhD: 2012-14, 2017-18 (As part of MUSC's John R Raymond Fellowship Award for Mentoring)
Current Role: Research Associate, Medical University of South Carolina

Faculty:

Jeff Szychowski, PhD (see above)

Suzanne Judd, PhD (see above)

Julia Gohlke, PhD
Current Position: Associate Professor of Environmental Health
Department of Population Health Sciences
Virginia Tech University

Loni Tabb, PhD (as co-mentor for K01 award)
Current Position: Associate Professor of Biostatistics
Department of Epidemiology & Biostatistics
Dornsife School of Public Health
Drexel University

Scott Keith, PhD
Current Position: Associate Professor of Biostatistics
Thomas Jefferson University

Tran Huynh, PhD (as part of K01 mentoring team)
Current Position: Assistant Professor of Environmental and Occupational Health
Dornsife School of Public Health
Drexel University

Jaime Slaughter, PhD
Current Position: Assistant Professor of Maternal & Child Health
College of Public Health
University of Minnesota

Professional Mentoring:

Divya Talwar, PhD, MPH, BDS
Clinical Outcomes Research Manager
Division of Orthopedics
Children's Hospital of Philadelphia

High School Students:

Saumya Chauhan
Mission San Jose High School
Fremont, CA
Through the ATHENA by WiSTEM program

Professional Service

Editorial Board:

Editorial Board Member for *Pilot and Feasibility Studies* (2020-)

Journal Reviewer:

Reviewer for *Women's Health Reports* (2020)
Statistical Reviewer for *Epilepsy Research* (2017, 2019, 2020)
Reviewer for *International Journal of Epidemiology* (2019)
Reviewer for *Spatial & Spatio-temporal Epidemiology* (2019)
Statistical Reviewer for *BMJ Open* (2019)
Reviewer for *Journal of the American Heart Association* (2018)
Reviewer for *BMC Research Methodology* (2016, 2017)
Reviewer for *New England Journal of Medicine* (2016)
Statistical Reviewer for *Circulation* (2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2016)
Reviewer for *Clinical Trials* (2014, 2016)
Reviewer for *Annals of Epidemiology* (2016)
Statistical Reviewer for *Stroke* (2007, 2008, 2011, 2012, 2014, 2015, 2016)
Statistical Reviewer for *Circulation: Cardiovascular Interventions* (2014, 2015)
Reviewer for *Journal of Asthma* (2014, 2015)
Guest Associate Editor for *Circulation* (2014)
Reviewer for *Journal of Neurotrauma* (2014)
Reviewer for *Journal of Stroke and Cerebrovascular Diseases* (2013)
Statistical Reviewer for *Circulation: Arrhythmia & Electrophysiology* (2010, 2013)
Reviewer for *Cancer Epidemiology, Biomarkers, & Prevention* (2013)
Reviewer for *Contemporary Clinical Trials* (2008, 2009, 2010, 2011)
Reviewer for *American Journal of Epidemiology* (2011)
Reviewer for *Biometrics* (2010)
Reviewer for *Journal of Thrombosis and Haemostasis* (2009)
Reviewer for *Journal of Clinical Endocrinology and Metabolism* (2004, 2009)
Reviewer for *JAMA* (2008)
Reviewer for *European Heart Journal* (2005, 2006, 2008)
Reviewer for *Statistics in Medicine* (2005)
Reviewer for *Behavior Research Methods, Instruments and Computers* (2004)

Study Section:

Ad hoc reviewer for the KNOD Study Section (October, 2020)

Special Emphasis Panel StrokeNet G28 (May, 2020)

Ad hoc reviewer for NSD-K Study Section (July, 2012; November, 2012; March, 2013; June 2013; November 2013; February, 2014; June, 2014; November, 2014; March, 2015; November, 2015; March, 2016; July 2016; May 2020)

Member of the NSD-K Study Section (term: October, 2016 - July, 2019)

Ad hoc reviewer for AHA GTOE Pop 2 Committee (April, 2016)

Ad hoc reviewer for NASA "Earth Ventures Instrument" panel (October 2015)

Reviewer for NASA Study Section: Health & Air Quality (August, 2014)

Reviewer for Special Emphasis Panel XRG1: Member Conflict Population Sciences and Epidemiology (November, 2014)

Reviewer for NINDS Special Emphasis Panel SRB-G67 (June, 2013); SRB-G74 (March, 2014); SRB-G78 (June, 2014)

Reviewer for NIH Population Sciences and Epidemiology Integrated Review Group (June, 2011)

Ad hoc reviewer for NIH/NHLBI Clinical and Integrative Cardiovascular Science Study Section (November, 2006; October, 2007; October, 2008, February 2010)

Reviewer for NIH/NHLBI: “Translating Basic Behavioral and Social Science Discoveries into Interventions to Reduce Obesity.” (June, 2009)

Data and Safety Monitoring Boards

On-going Studies:

Chair, Data and Safety Monitoring Committee for “A Mobile relational agent to enhance atrial fibrillation self-care.” (NHLBI: R61HL144669)

Chair, Data and Safety Monitoring Committee for “PROMote weight loss in obese PAD patients to prevent mobility loss: The PROVE Trial.” (NHLBI: UG3HL141729)

Member of the Data and Safety Monitoring Committee for “Improving Communication for Primary Care Patients.” (NIA: R61AG061882).

Member of the Data and Safety Monitoring Committee for “Building a Bridge (between clinical and community care): Post-diagnosis support of persons with dementia and their family” (NIA: R21 AG046716)

Member of the Data and Safety Monitoring Committee for “Enhanced ultrasound treatment of chronic wounds with monitoring of healing and quality of life outcomes” (NINR: 1R01NR015995)

Member of the Data Monitoring Committee for the VA Cooperative Studies “Optimal Treatment for Recurrent Clostridium Difficile Infection Study” (CSP #596)

Completed Studies:

Member of the Data and Safety Monitoring Committee for “ED-Initiated School-Based Asthma Medication Supervision (ED-SAMS)” (PECARN Protocol #38, NHLBI)

Member of the Data and Safety Monitoring Board (DSMB) for “The SURE-PD Study” (NINDS: U01 NS090259)

Member of the Data and Safety Monitoring Board (DSMB) for the PCORI “Patient Assisted Intervention for Neuropathy: Comparison of Treatment in Real Life Situations (PAIN-CONTRoLS) Study” (PCORI: CER-1306-02496: 2014-2018)

Member of the Data and Safety Monitoring Board (DSMB) for “The HI-DEF Study” (NINDS: U01 NS074425)

Member of Data and Safety Monitoring Board (DSMB) for intracranial hemorrhage (ICH) Trials (2004-2010):
NINDS 1-RO1 NS 044976-01AS, “Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH)”
NINDS 1-RO1 NS 046309-01 A1, “Minimally Invasive Surgery + rt-PA for ICH Evaluation (MISTIE)”
NINDS 1-RO1 NS 049135-01, “Treatment of Subarachnoid Hemorrhage with Human Albumin (ALISAH)”
NINDS 1-RO1 NS 057127-01A1, “Safety and Tolerability of Deferoxamine in Acute Cerebral Hemorrhage”
NINDS 1-RO1 NS 044283-06, “The Spot Sign for Predicting and Treating ICH Growth Trials (STOP-IT)”

Professional Organizations:

American Statistical Association

ASA Representative to the Committee of Presidents of Statistical Societies (COPPS) Presidents’ Award (2019-2022)

Organizer & Session Chair for 2020 International Conference on Health Policy Statistics: “Using Data to Inform the ASA’s Policy on Sexual Misconduct”

Judge for “This is Statistics 2019 Fall Data Challenge” (2019)

Member of Task Force for Diversity Initiative (2019-20)

Member of Council for Academic Representatives (2015-)

Past-chair: 2019-20

Chair: 2018-19

Chair-elect: 2017-18

Organizer & Invited Speaker for 2019 JSM: “Sexual Harassment & Assault – Confronting the Threat to our Statistical Community”

Organized panel for the 2018 JSM: “So you think you want to be a Department Chair?”

Appointed Chair of the Task Force on Sexual Assault/Harassment (2017- 19)

Member of Committee for Funded Research (2016-)

Session chair – Oncology Trials: 2009 Joint Statistical Meetings

President, Alabama Chapter of the American Statistical Association (2005-06)

Organized and attended the American Statistical Association’s traveling short course at UAB (March, 2005)

ENAR

Executive Board Member: 2017-2021

Regional Advisory Board (RAB) Member: 2017-2021

Chair: 2019-2021

co-Chair: 2018-19

Member of Nominations Committee (2019-2020)

Session Organizer & Invited Speaker ENAR 2019 Spring Meeting: “Finding the right academic fit: experiences from faculty across the academic spectrum.” (March, 2019)

US Biostatistics Chair Retreat organizing committee (2016-19; Chair of Committee 2017-18)

Correspondent to the *Biometric Bulletin* for the East North American Region (ENAR) of the Biometrics Society (2013-2016)

Session Organizer/Chair, Invited Session ENAR 2014 Spring Meeting: “Weighting to achieve balance” (February, 2014)

Society for Clinical Trials:

Co-Chair, Diversity & Inclusion Task Force (2020)

Elected Member of the Board of Directors (term: 2016-2020)

Chair, Ad Hoc Committee on the Conduct Policy (2019)

Communications Committee Chair (2017-2019), Member (2019-20)

Abstract Reviewer for 2017 Annual Meeting

Program Committee Chair, Society for Clinical Trials 2016 Annual Meeting

Education Committee Member (2015- 2016)

Program Committee Co-Chair, Society for Clinical Trials 2015 Annual Meeting

Program Committee Member, Society for Clinical Trials (2013 Annual Meeting, 2014 Annual Meeting)

Session Chair/Discussant, Topic Contributed Session SCT 2014 Meeting – “Statistical Potpourri” (May, 2014)

Session Organizer/Chair, Invited Session SCT 2014 Meeting – “Speaking clinical trials: communicating effectively across disciplines” (May, 2014)

Student Paper Competition Committee, Society for Clinical Trials (2010-2012)

Session moderator – Statistical Methods: 2009 Society for Clinical Trials annual meeting

National Alliance for Doctoral Studies in the Mathematical Sciences

Member of the Board of Directors (2015-current), Chair (2020-current)

Associate Director for Statistics (2017-2020)

Chair of the Statistics Initiative for the National Alliance for Doctoral Studies in Mathematics (2015-2020)

Organizer and Facilitator for the Recruiting & Retaining Underrepresented Minorities in the Statistical Sciences, Sponsored by SAMSI and the National Alliance for Doctoral Studies in the Mathematical Sciences (June, 2014)

Co-Chair of the Statistics Initiative for the National Alliance for Doctoral Studies in Mathematics (2011-2014)

Facilitator for the Finding and Keeping Graduate Students in the Mathematical Sciences, Sponsored by AIM, the NSF, and the National Alliance for Doctoral Studies in the Mathematical Sciences (July, 2012)

Executive Leadership in Academic Medicine (ELAM)

Application Reviewer (2020)

Facilitator for Peer Mentoring, Institutional Action Projects (2019, 2020)

Executive Leadership in Academic Technology, Engineering and Science (ELATES)

Learning Community Advisor (2019-20)

Facilitator for Peer Mentoring, Institutional Action Projects (2019)

ASPH

ASPH Professionalism and Ethics Competency Working Group (2006)

Philadelphia Public Health Young Leaders Association (PHYLA)

Mentoring Program Mentor (2019-20)

Advisory Boards:

COVID-19 Collaboration Platform (2020-)

Myasthenia Gravis Rare Disease Clinical Research Network External Advisory Board, Henry Kaminski PI (2019-)

Neuroendocrine Tumor Specialized Programs of Research Excellence (SPORE) in Human Center, M. Sue O’Dorisio, PI
University of Iowa (2019-)

NINDS Clinical Trials Methodology Course External Advisory Committee (2014-)

Aspen Institute’s Health Sport Index Advisory Group (2017-2018)

Miscellaneous:

Mentor for a High School Student through Women in STEM ATHENA Subdivision (Summer 2020)

University Service

Drexel University

2021 AJ Drexel Autism Institute Ad Hoc Promotion & Tenure Committee
2020 Delta Omega Abstract Reviewer
2020 Drexel Faculty Bridge Funding Award Reviewer
2020 DSPH Case Competition Judge
2019-2022 Member, Drexel University IRB 1 & 3
2019-current Member, Middle States Accreditation Team; Governance, Leadership, and Administration Committee
2019-2020 Co-Chair, Drexel/Capital Health Population Health Working Group
2019 Member, Dean Review Committee
2018-2019 Member, Search Committee for Head of Modifiable Risk Factors Group, AJ Drexel Autism Institute
2018-2019 Alternate, Drexel University Tenure Appeals Committee
2017-current Member, Delta Omega Steering Committee
2017-current Member, Faculty Senate Committee on Student Life
2015-current Member, Dean’s Executive Committee
2017-2018 Member, Associate Dean for Academic and Faculty Affairs Search Committee
2016-2017 Member, MD/PhD Director Search Committee
2017 Member, Biostatistics PhD Planning Committee
2016 Member, MPH Redesign Foundations Course curriculum committee
2015-2017 Member, Biostatistics MS Admissions Committee, Department of Epidemiology & Biostatistics
2015-2016 Co-Chair, Biostatistics Search Committee, Department of Epidemiology & Biostatistics
2015-2016 Member, Executive Committee of the Faculty
2015 Ad-Hoc Member, Appointments, Promotions & Tenure Committee (for 1 review)

University of Alabama at Birmingham:

2012 - 2015 Chair of the Faculty Assembly, UAB School of Public Health
2014 – 2015 Faculty Senator for the School of Public Health
2014 – 2015 Member, Faculty Senate Research Committee
2012 - 13 Member of Department of Health Care Organization and Policy Search Committee for Assistant Professor
2012 – 2015 Co-Chair for Nominations, Upsilon Chapter of Delta Omega, UAB
2011 - 2015 Biostatistics Faculty Representative to the School of Public Health Executive Committee
2010-11 SOPH 21 Task Force Member
2010 Chaired Department of Biostatistics Search Committee for an open rank/tenure earning position
2009 – 2012 Director of Graduate Studies, Department of Biostatistics

2009 Member: Commission for the Status of Women in the University
 2009 Member: UAB Child Development Center Search Committee for Director
 2009 Chaired Department of Biostatistics Search Committee for Research Assistant Professor
 2008 Member: Children’s Hospital Simulation Center Scientific Advisory Panel
 2008 Member of Department of Environmental Health Sciences Search Committee for Assistant Professor
 2007 School of Public Health Glenwood Lecture Subcommittee
 2006 -09 School of Public Health Educational Policies Committee, Alternate Member
 2005-09 UAB Department of Biostatistics Graduate Program Committee

- Admissions subcommittee chair

 2005 – 2009 Section on Research Methods & Clinical Trials Curriculum Committee
 2004 – 2005 Department of Biostatistics Theory Course Sequence Subcommittee
 2004 – 2005 Department of Biostatistics Qualifying Exam Committee
 2004 Chaired Department of Biostatistics Search Committee for Research Assistant Professor
 2004 Member: Department of Biostatistics Search Committee for Research Assistant/Associate Professor

University of Michigan

2002 – 2003 Graduate Student Representative to SPH Ethics Committee
 2000 – 2001 Biostatistics Student Representative to Departmental Faculty Meetings
 Graduate Student Representative to Government Relations Advisory Committee
 1998 – 2000 Chair: Department of Biostatistics Student Activities Committee
 Graduate Student Representative to Research Policies Committee
 1999 – 2000 Distinguished Faculty/Graduate Student Seminar Committee Member
 1997 – 1998 Department of Biostatistics Student Activities Committee Member

University of Iowa

1996 – 1997 Chair: Division of Biostatistics Student Activities Committee
 Organizer: Division of Biostatistics Student Journal Club

Non-University Service

2014 - 2015 Secretary, Board of Directors for the NE Miles Jewish Day School
 2009 – 2010 Executive Vice President, Hadassah – Birmingham Chapter
 2007 – 2009 Co-Chair of Health Education Committee, Hadassah – Birmingham Chapter
 2005 – 2007 Member of Health Education Committee, Hadassah – Birmingham Chapter

1997 – 2003 Sponsor, Tau Beta Sigma National Honorary Band Service Sorority – Lambda Chapter, University of Michigan

- Recipient of the National Outstanding Sponsor Award, 2001.

Winter, 2002 University of Iowa College of Public Health 25th Anniversary Celebration Alumni Committee Member

Professional Memberships

American Heart Association
 American Public Health Association
 American Statistical Association
 International Biometric Society – East North American Region (ENAR)
 Society for Clinical Trials