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EDUCATION

- 2005 Ph.D. Biostatistics
The Johns Hopkins University, Bloomberg School of Public Health
Baltimore, Maryland
Title: *Complex Distributions? Hmmm...*
Hierarchical Mixtures of Marginalized Multilevel Models.
Advisor: Scott Zeger, Ph.D.
- 1998 B.S. Statistics / B.A. Mathematics / B.S. Computer Science / B.A. Physics
St. Cloud State University
St. Cloud, Minnesota

PROFESSIONAL EXPERIENCE

- 2016-present Professor and Chair, Department of Data Science
John D Bower School of Population Health
The University of Mississippi Medical Center
- 2016-present Director, Cancer Biostatistics, Bioinformatics & Data Science Core
Cancer Institute, The University of Mississippi Medical Center
- 2013-present Director, Center of Biostatistics & Bioinformatics
Professor, Department of Medicine
The University of Mississippi Medical Center
- 2013-present Director, MIND Center Science, Evidence and Technology (MINDSET) Core
MIND Center, The University of Mississippi Medical Center
- 2013-present Director, Coordinating Center Data Core - Jackson Heart Study
The University of Mississippi Medical Center
- 2012-present Director, Data Coordinating Center - Rapid Administration of Carnitine in sEpsis
(RACE) Trial, The University of Mississippi Medical Center
- 2009-2013 Director, Center of Biostatistics & Bioinformatics
Associate Professor, Departments of Medicine and Physiology
The University of Mississippi Medical Center
- 2009-present Adjunct Faculty, Department of Biostatistics
The Johns Hopkins University, Bloomberg School of Public Health
- 2009-present Adjunct Faculty, Department of Biostatistics
University of Alabama at Birmingham, School of Public Health
- 2003-present President, Griswold Consulting & Analytix

2005-2009	Executive Director, Johns Hopkins Biostatistics Center Assistant Professor, Department of Biostatistics The Johns Hopkins University, Bloomberg School of Public Health
2005-2008	Special Government Employee, Consultant FDA Center for Drug Evaluation and Research (CDER)
2000-2003	Statistical Consultant, Johns Hopkins Biostatistics Center The Johns Hopkins University, Bloomberg School of Public Health
1999-2002	Statistical Consultant, Center for Clinical Trials, The Johns Hopkins University, Bloomberg School of Public Health

PAPERS AND PUBLICATIONS

Journal Articles:

1. Villines TC, Hsu LL, Blackshear C, Nelson CR, **Griswold M**. "Relation of Carotid Intima-Media Thickness to Cardiovascular Events in Black Americans (From the Jackson Heart Study)." *Am J Cardiol*. 2017 Jul 31. pii: S0002-9149(17)31219 doi:10.1016/j.amjcard.2017.07.046. PubMed PMID: 28844515
2. Rajkowska G, Mahajan G, Legutko B, Challagundla L, **Griswold M**, Albert PR, Daigle M, Miguel-Hidalgo JJ, Austin MC, Blakely RD, Steffens DC, Stockmeier CA. "Length of axons expressing the serotonin transporter in orbitofrontal cortex is lower with age in depression." *Neuroscience*. 2017 Sep 17;359:30-39. doi: 10.1016/j.neuroscience.2017.07.006. Epub 2017 Jul 13. PMID: 28711621
3. Schneider ALC, Selvin E, Sharrett AR, **Griswold M**, Coresh J, Jack CR Jr, Knopman D, Mosley T, Gottesman RF. "Diabetes, Prediabetes, and Brain Volumes and Subclinical Cerebrovascular Disease on MRI: The Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS)." *Diabetes Care*. 2017 Sep 15. pii: dc171185. doi: 10.2337/dc17-1185. PMID: 28916531
4. Juraschek SP, Daya N, Rawlings AM, Appel LJ, Miller ER 3rd, Windham BG, **Griswold ME**, Heiss G, Selvin E. "Association of History of Dizziness and Long-term Adverse Outcomes With Early vs Later Orthostatic Hypotension Assessment Times in Middle-aged Adults." *JAMA Intern Med*. 2017 Sep 1;177(9):1316-1323. doi: 10.1001/jamainternmed.2017.2937. PMID: 28738139
5. Kamimura D, Suzuki T, Furniss AL, **Griswold ME**, Kullo IJ, Lindsey ML, Winniford MD, Butler KR, Mosley TH, Hall ME. "Elevated serum osteoprotegerin is associated with increased left ventricular mass index and myocardial stiffness." *J Cardiovasc Med (Hagerstown)*. 2017 Aug 4. doi: 10.2459/JCM.0000000000000549. PMID: 28787318
6. Localio AR, Stack CB, **Griswold ME**. "Sensitivity Analysis for Unmeasured Confounding: E-Values for Observational Studies." *Ann Intern Med*. 2017 Aug 15;167(4):285-286. doi: 10.7326/M17-1485. Epub 2017 Jul 11. PubMed PMID:28693037
7. Manning A, Highland HM, Gasser J, Sim X, Tukiainen T, Fontanillas P, Grarup N, Rivas MA, Mahajan A, Locke AE, Cingolani P, Pers TH, Viñuela A, Brown AA, Wu Y, Flannick J, Fuchsberger C, Gamazon ER, Gaulton KJ, Im HK, Teslovich TM, Blackwell TW, Bork-Jensen J, Burt NP, Chen Y, Green T, Hartl C, Kang HM, Kumar A, Ladenvall C, Ma C, Moutsianas L, Pearson RD, Perry JRB, Rayner NW, Robertson NR, Scott LJ, van de Bunt M, Eriksson JG, Jula A, Koskinen S, Lehtimäki T, Palotie A, Raitakari OT, Jacobs SBR, Wessel J, Chu AY, Scott RA, Goodarzi MO, Blancher C, Buck G, Buck D, Chines PS, Gabriel S, Gjesing AP, Groves CJ, Hollensted M, Huyghe JR, Jackson AU, Jun G, Justesen JM, Mangino M, Murphy J, Neville M, Onofrio R, Small KS, Stringham HM,

Trakalo J, Banks E, Carey J, Carneiro MO, DePristo M, Farjoun Y, Fennell T, Goldstein JI, Grant G, Hrabé de Angelis M, Maguire J, Neale BM, Poplin R, Purcell S, Schwarzmayr T, Shakir K, Smith JD, Strom TM, Wieland T, Lindstrom J, Brandslund I, Christensen C, Surdulescu GL, Lakka TA, Doney ASF, Nilsson P, Wareham NJ, Langenberg C, Varga TV, Franks PW, Rolandsson O, Rosengren AH, Farook VS, Thameem F, Puppala S, Kumar S, Lehman DM, Jenkinson CP, Curran JE, Hale DE, Fowler SP, Arya R, DeFronzo RA, Abboud HE, Syvänen AC, Hicks PJ, Palmer ND, Ng MCY, Bowden DW, Freedman BI, Esko T, Mägi R, Milani L, Mihailov E, Metspalu A, Narisu N, Kinnunen L, Bonnycastle LL, Swift A, Pasko D, Wood AR, Fadista J, Pollin TI, Barzilai N, Atzmon G, Glaser B, Thorand B, Strauch K, Peters A, Roden M, Müller-Nurasyid M, Liang L, Kriebel J, Illig T, Grallert H, Gieger C, Meisinger C, Lannfelt L, Musani SK, **Griswold M**, Taylor HA Jr, Wilson G Sr, Correa A, Oksa H, Scott WR, Afzal U, Tan ST, Loh M, Chambers JC, Sehmi J, Kooner JS, Lehne B, Cho YS, Lee JY, Han BG, Käräjämäki A, Qi Q, Qi L, Huang J, Hu FB, Melander O, Orho-Melander M, Below JE, Aguilar D, Wong TY, Liu J, Khor CC, Chia KS, Lim WY, Cheng CY, Chan E, Tai ES, Aung T, Linneberg A, Isomaa B, Meitinger T, Tuomi T, Hakaste L, Kravic J, Jørgensen ME, Lauritzen T, Deloukas P, Stirrups KE, Owen KR, Farmer AJ, Frayling TM, O'Rahilly SP, Walker M, Levy JC, Hodgkiss D, Hattersley AT, Kuulasmaa T, Stančáková A, Barroso I, Bharadwaj D, Chan J, Chandak GR, Daly MJ, Donnelly PJ, Ebrahim SB, Elliott P, Fingerlin T, Froguel P, Hu C, Jia W, Ma RCW, McVean G, Park T, Prabhakaran D, Sandhu M, Scott J, Sladek R, Tandon N, Teo YY, Zeggini E, Watanabe RM, Koistinen HA, Kesaniemi YA, Uusitupa M, Spector TD, Salomaa V, Rauramaa R, Palmer CNA, Prokopenko I, Morris AD, Bergman RN, Collins FS, Lind L, Ingelsson E, Tuomilehto J, Karpe F, Groop L, Jørgensen T, Hansen T, Pedersen O, Kuusisto J, Abecasis G, Bell GI, Blangero J, Cox NJ, Duggirala R, Seielstad M, Wilson JG, Dupuis J, Ripatti S, Hanis CL, Florez JC, Mohlke KL, Meigs JB, Laakso M, Morris AP, Boehnke M, Altshuler D, McCarthy MI, Gloyn AL, Lindgren CM. "A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk." *Diabetes*. 2017 Jul;66(7):2019-2032. doi: 10.2337/db16-1329. Epub 2017 Mar 24. PMID: 28341696

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10. Effects of Antiretroviral Therapy and Depressive Symptoms on All-Cause Mortality Among HIV-Infected Women. Todd JV, Cole SR, Pence BW, Lesko CR, Bacchetti P, Cohen MH, Feaster DJ, Gange S, **Griswold ME**, Mack W, Rubtsova A, Wang C, Weedon J, Anastos K, Adimora AA. *Am J Epidemiol*. 2017 May 15;185(10):869-878. doi: 10.1093/aje/kww192. PMID: 28430844
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12. Analysis of Chemopredictive Assay for Targeting Cancer Stem Cells in Glioblastoma Patients. Howard CM, Valluri J, Alberico A, Julien T, Mazagri R, Marsh R, Alastair H, Cortese A, **Griswold M**, Wang W, Denning K, Brown L, Claudio PP. *Transl Oncol*. 2017 Apr;10(2):241-254. doi: 10.1016/j.tranon.2017.01.008. PMID: 28199863
13. Patel VG, Gupta DK, Terry JG, Kabagambe EK, Wang TJ, Correa A, **Griswold M**, Taylor H, Carr JJ. "Left Ventricular Function Across the Spectrum of Body Mass Index in African Americans: The Jackson Heart Study." *JACC Heart Fail*. 2017 Mar;5(3):182-190. doi: 10.1016/j.jchf.2016.12.020. PMID: 28254124
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mellitus among African descent populations in the Caribbean and the USA: a comparative analysis from the Spanish town cohort (Jamaica) and the Jackson heart study (USA)." *Int J Equity Health*. 2017 Feb 14;16(1):33. doi: 10.1186/s12939-017-0527-9. PMID: 28222733

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DeStefano A, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Enzinger C, Erk S, Espeseth T, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Fornage M, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HH, Green RC, Gruber O, Gudnason V, Guelfi S, Håberg AK, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Huentelman M, Pol HE, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon FJ, McMahon KL, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schmidt H, Schofield PR, Sigursson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Tzolaki M, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, van der Lugt A, van der Wee NJ, Van Haren NE, van 't Ent D, Van Tol MJ, Vardarajan BN, Vellas B, Veltman DJ, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke RH, Zonderman AB, Martin NG, Van Duijn CM, Wright MJ, Longstreth WT, Schumann G, Grabe HJ, Franke B, Launer LJ, Medland SE, Seshadri S, Thompson PM, Ikram MA. "Novel genetic loci associated with hippocampal volume." *Nat Commun.* 2017 Jan 18;8:13624. doi: 10.1038/ncomms13624. PMID: 28098162

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26. Windham BG, **Griswold ME**, Wang W, Kucharska-Newton A, Demerath EW, Gabriel KP, Pompeii LA, Butler K, Wagenknecht L, Kritchevsky S, Mosley TH Jr. "The Importance of Mid-to-Late-Life Body Mass Index Trajectories on Late-Life Gait Speed." *J Gerontol A Biol Sci Med Sci.* 2016 Nov 3. pii: glw200. [Epub ahead of print] PMID: 27811156
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92. Shimizu Y, Luk H, Horio D, Miron P, **Griswold M**, Iglehart D, Hernandez B, Killeen J, Elshamy WM. *BRCA1-IRIS Overexpression Promotes Formation of Aggressive Breast Cancers*. *PLoS One*. 2012;7(4):e34102. Epub 2012 Apr 12. PMID: 22511931 PMCID:PMC3325250
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94. Rehm KE, Xiang L, Elci OU, **Griswold M**, Marshall GD Jr. *Variability in laboratory immune parameters is associated with stress hormone receptor polymorphisms*. *Neuroimmunomodulation*. 2012;19(4):220-8. PMID: 22441538
95. **Griswold M**, Douglas S. *Randomized controlled trial: Continuous positive airway pressure as treatment for systemic hypertension in people with obstructive sleep apnoea - Clinical relevance remains uncertain*. *Student BMJ* 2011 Nov;19:d6777. PMID:21106625
96. Abell TL, Johnson WD, Kedar A, Runnels JM, Thompson J, Weeks ES, Minocha A, **Griswold M**. *A double-masked, randomized, placebo-controlled trial of temporary endoscopic mucosal gastric electrical stimulation for gastroparesis*. *Gastrointest Endosc*. 2011 Sep;74(3) PMID:21872708
97. Glisson J, Morton M, Bond A, **Griswold M**. *Does an education intervention improve physician signature legibility? Pilot study of a prospective chart review*. *Persp Health Info Mng*. 2011;8:1 PMCID:PMC3142139

98. Harman J, **Griswold M**, Jeffries N, Sumner A, Sarpong D, Akyzbekova E, Walker E, Wyatt S, Taylor H. *Age is positively associated with high-density lipoprotein cholesterol among African Americans in cross-sectional analysis: The Jackson Heart Study*. Journal of Clinical Lipidology, 2011 May-Jun;5(3):173-8. PMID:PMC3100667
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100. Alley DE, Metter EJ, **Griswold ME**, Harris TB, Simonsick EM, Longo DL, Ferrucci L. *Changes in weight at the end of life: characterizing weight loss by time to death in a cohort study of older men*. Am J Epidemiol. 2010 Sep 1;172(5):558-65. PMID:PMC3025636
101. Achy-Brou A, Frangakis C, and **Griswold M**, *Estimating treatment effects of longitudinal designs using regression models on propensity scores*. Biometrics. 2010 Sep;66(3):824-33 PMID:19817741
102. Mirski MA, Lewin JJ 3rd, Ledroux S, Thompson C, Murakami P, Zink EK, **Griswold M**. *Cognitive improvement during continuous sedation in critically ill, awake and responsive patients: the Acute Neurological ICU Sedation Trial (ANIST)*. Intensive Care Med. 2010 Sep;36(9):1505-13. PMID:20376430
103. Mirski MA, LeDroux SN, Lewin JJ 3rd, Thompson CB, Mirski KT, **Griswold M**. *Validity and reliability of an intuitive conscious sedation scoring tool: the nursing instrument for the communication of sedation*. Crit Care Med. 2010 Aug;38(8):1674-84. PMID:20581667
104. Windham BG, **Griswold M**, Farasat SM, Ling SM, Carlson O, Egan JM, Ferrucci L, Najjar SS. *Influence of leptin, adiponectin, and resistin on the association between abdominal adiposity and arterial stiffness*. Am J Hypertens. 2010 May;23(5):501-7. PMID:20150891
105. **Griswold M**, Localio AR, Mulrow C. *Propensity score adjustment with multilevel data: setting your sites on decreasing selection bias*. Ann Intern Med. 2010 Mar 16;152(6):393-5. PMID:20231571
106. Tolea MI, Costa PT, Terracciano A, **Griswold M**, Simonsick EM, Najjar SS, Scuteri A, Deiana B, Orrù M, Masala M, Uda M, Schlessinger D, Ferrucci L. *Sex-specific correlates of walking speed in a wide age-ranged population*. J Gerontol B Psychol Sci Soc Sci. 2010 Mar;65B(2):174-84. PMID:PMC2821942
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109. Weaver V, **Griswold M**, Todd AC, Jaar B, Ahn K, Thompson C, and Lee B. *Longitudinal Associations between Lead Dose and Renal Function in Lead Workers*. Environmental Research 2009; 109(1):101-7. PMID:PMC2722941
110. Guilarte TR, Burton NC, McGlothlan JL, Verina T, Zhou Y, Alexander M, Pham L, **Griswold M**, Wong DF, Syversen T, Schneider JS. *Impairment of nigrostriatal dopamine neurotransmission by manganese is mediated by pre-synaptic mechanism(s): Implications to manganese-induced parkinsonism*. J. Neurochem 2008; 107:1236–1247. PMID: PMC3675778

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112. Boyd C, Shadmi E, Conwell L, **Griswold M**, Leff' B, Brager R, Sylvia M, and Boulton C. *A Pilot Test of the Effect of Guided Care on the Quality of Primary Care Experiences for Multimorbid Older Adults*. J of General Internal Medicine 2008 May; 23(5):536-42. PMID:PMC2324149
113. Smith KC, Siebel C, Pham L, Cho J, Singer RF, Chaloupka FJ, **Griswold M**, Wakefield M. News on tobacco and public attitudes toward smokefree air policies in the United States. Health Policy. 2008 Apr;86(1):42-52. Epub 2007 Nov 5. Erratum in: Health Policy. 2009 Dec;93(2-3):226-7. PubMed PMID: 17983683.
114. Sylvia M, **Griswold M**, Dunbar L, Boyd C, Park M, Boulton C. *Guided Care: Cost and Utilization Outcomes in a Pilot Study*. Disease Management 2008 Feb; 11(1):29-36. PMID:18279112
115. Lauretani F., Bandinelli S., **Griswold M.**, Maggio M., Semba R., Guralnik J, Ferrucci L. *Longitudinal Changes in Bone Density and Geometry in a Population- Based Study*. J Bone Miner Res. 2008 Mar; 23(3):400-8. PMID:PMC2645701
116. Segal J, **Griswold M**, Achy-Brou A, Herbert R, Bass E, Dy S, Millman A, Wu A, Frangakis C, *Using Propensity Scores Subclassification to Estimate Effects of Longitudinal Treatments: An Example Using a New Diabetes Medication*. Medical Care 2007 Oct 45; 10(2):S149-S157 PMID:17909374
117. Laine C., Goodman S.N., **Griswold M.**, Sox H.C. *Reproducible research: moving toward research the public can really trust*. Ann Intern Med. 2007 Mar 20; 146(6):450-3. PMID:17339612
118. Caffo B., **Griswold M.**, *A User-friendly Tutorial on Link-probit-normal Models*. The American Statistician. 2006; 60(2):139-145.
119. Lucas, G., **Griswold M.**, Gebo K., Keruly J., Chaisson R., Moore R. *Illicit Drug Use and HIV-1 Disease Progression: A Longitudinal Study in the Era of Highly Active Antiretroviral Therapy* American Journal of Epidemiology 2006; 163(5):412-20 PMID:16394200
120. Windham B.G., **Griswold M.**, Fried L.P, Rubin G., Xue Q., Carlson M.C. *Impaired vision and the ability to take medications*. Journal of the American Geriatrics Society 2005; 53:1179–1190 PMID:16108936
121. Simpson C., Boyd C., Carlson M., **Griswold M.**, Guralnik J., & Fried L.P. *Agreement Between Self-report of Disease Diagnoses and Medical Record Validation In Disabled, Older Women: Factors That Modify Agreement*. Journal of the American Geriatric Society 2004; 52: 124-127 PMID:14687326
122. Agrawal N., Sewell D., **Griswold M.**, Frank S., Hessel T., & Eisele D. *Hypothermia during Head and Neck Surgery*. Laryngoscope 2003; 113(8): 1278-82. PMID:12897545
123. Spacek L., **Griswold M.**, Quinn T., & Moore R. *Total lymphocyte count and hemoglobin combined in a clinical algorithm to initiate the use of highly effective antiretroviral therapy in resource-limited settings*. AIDS 2003; 17: 1311-7. PMID:12799552
124. Johnson E., Dominici F., **Griswold M.**, & Zeger S. *Disease Cases and Their Medical Costs Attributable to Smoking: An Analysis of the National Medical Expenditure Survey*. Journal of Econometrics 2003; 112:135-151. doi:10.1016/S0304-4076(02)00157-4
125. Quan S., **Griswold M.**, Iber C., Nieto J., Rapoport D. Redline R. Sanders M. & Young T. *Short-Term Variability of Respiration and Sleep During Unattended Nonlaboratory Polysomnography—The Sleep Health Study*. Sleep 2002; 25:843-9 PMID:12489889

EDITORIAL ACTIVITIES

2005-present Associate Editor: Annals of Internal Medicine
2011-2016 Associate Editor: Ethnicity & Disease
2011-2016 Advisory Board: WebMedCentral

Referee: JASA; Biostatistics; Biometrics; Statistics in Medicine;
JRSSB; JAMA; Am. J. Epi; Hypertension

SELECTED RESEARCH GRANT PARTICIPATION

Active Awards/Contracts

Grant Number: U54GM11542801
PI Information: WILSON, JAMES
Project Title: Mississippi Center for Clinical and Translational Research (MCCTR)
Role: Director, Biostatistics, Epidemiology and Research Design Core

Grant Number: 5R01HL07536013
PI Information: LINDSEY, MERRY
Project Title: Systems Biology Of Macrophage Polarization Following Myocardial Infarction
Role: Co-Investigator

Grant Number: 1UL1TR001417
PI Information: SUMMERS, RICHARD
Project Title: UAB Center for Clinical and Translational Science (CCTS)
Role: Co-Investigator

Grant Number: R01AG045255
PI Information: WINDHAM, GWEN
Project Title: Adiposity, Inflammation and Neurocognitive Decline in African Americans
Role: Co-Inv; Lead Biostatistician

Grant Number: 5U01HL09691703
PI Information: MOSLEY, THOMAS
Project Title: ARIC Neurocognitive Study (ARIC-NCS)
Role: Director, MINDSET Data Coordinating Core

Grant Number: 2P60MD002249-sub
PI Information: GRISWOLD, MICHAEL
Project Title: Center for Integrative Approaches to Health Disparities (CIAHD)
Role: Site PI

Grant Number: HHSN268201300046C1
PI Information: CORREA, ADOLFO
Project Title: Jackson Heart Study Coordinating Center
Role: Co-Inv; Director, Coordinating Center Data Core

Grant Number: 1P20GM104357
PI Information: HALL, JOHN
Project Title: Center of Biomedical Research Excellence (COBRE)
Role: Analytic Sub-core Leader; Mentoring Core Member

Grant Number: HHSN268201100010C

PI Information: MOSLEY, THOMAS
Project Title: Atherosclerosis Risk in Communities Study (ARIC)
Role: Director, MINDSET Data Coordinating Core

Grant Number: 1R01GM103799
PI Information: JONES, ALAN
Project Title: Rapid Administration of Carnitine in sEpsis
Role: Director, Data Coordinating Center

Previous Awards/Contracts

---- Univ MS Medical Center ----

Grant Number: 1 R01 HL104184-02
PI Information: FOX, ERVIN
Project Title: Clinical and Genetic Correlates of Vascular Function in African Americans: JHS
Role: Lead Biostatistician

Grant Number: N01HC95171-29-0-1
PI Information: TAYLOR, HERMAN
Project Title: Jackson Heart Study
Role: Co-Inv; Director, Data Coordinating Center; PI of UMMC Vanguard Center

Grant Number: 7I31-SEOW-SPFSIG
PI Information: GRISWOLD, MICHAEL
Project Title: State Epidemiological Work Group
Role: Principal Investigator

Grant Number: 1CPI-MP-09-1054-01-00
PI Information: JONES, WARREN
Project Title: Delta Regional Institute
Role: Lead Biostatistician

Contract: MS State Dept. of Health (MSDH)
PI Information: KAREN CREWS
Project Title: ACT Center
Role: Biostatistician

Grant Number: 1U01AT006239-01
PI Information: SAMDARSHI, TANDAW
Project Title: Effects of Health-Promoting Programs on CVD Risk: Jackson Heart Study
Role: Co-Investigator

Contract: Network 8
PI Information: GRISWOLD, MICHAEL
Project Title: Physician and Dialysis Facility report cards at individual, facility, state & regional levels.
Role: Principal Investigator

Contract: Institute for the Future of Aging Services
PI Information: GRISWOLD, MICHAEL
Project Title: Exercise prevention of disability and falls in continuing care retirement communities
Role: Principal Investigator

Contract: Barksdale Reading Institute
PI Information: GRISWOLD, MICHAEL

Project Title: Educational Effectiveness of the Barksdale Literacy Coaches program
Role: Principal Investigator

---- Johns Hopkins School of Public Health ----

Grant Number: 5KL2RR025006-02

PI Information: FORD, DANIEL

Project Title: Institute for Clinical and Translational Research (KL2)

Role: Co-Director Biostatistics Core

Grant Number: 1K23AR055667-01

PI Information: BOIN, FRANCESCO

Project Title: T cell response in scleroderma lung disease: from pathogenesis to clinical care

Role: Senior Biostatistician

Grant Number: 5R01ES007198-08

PI Information: WEAVER, VIRGINIA

Project Title: Environmental & Genetic Risk Factors for Renal Function

Role: Senior Biostatistician

Grant Number: 5R01NS046309-04

PI Information: HANLEY, DANIEL F.

Project Title: ICH Removal: Minimally Invasive Surgery + rt-PA

Role: Senior Biostatistician

Grant Number: 1R34NS056638-01A2

PI Information: HANLEY, DANIEL F.

Project Title: CLEAR IVH Phase III Planning Grant

Role: Senior Biostatistician

Grant Number: 5R18CE001339-02

PI Information: GIELEN, ANDREA

Project Title: Dissemination Research in Child Safety

Role: Senior Biostatistician

Grant Number: 1R01MH080964-01A1

PI Information: DAUMIT, GAIL

Project Title: Randomized Trial of Achieving Healthy Lifestyles in Psych Rehabilitation

Role: Biostatistician

Grant Number: 5U19AI056541-05

PI Information: AUGUST, J. THOMAS

Investigator: ANNA DURBIN

Project Title: Dengue Epitope Vaccine, Tetravalent & MHCII-Targeted

Role: Biostatistician

Grant Number: K23HL075344-05

PI Information: RIEKERT, KRISTIN

Project Title: Asthma Communication & Adherence In Inner-City Children

Role: Consulting Biostatistician

Grant Number: 5R01HS014580-04

PI Information: BOULT, CHARLES

Project Title: Guided Care: Integrating High Tech and High Touch

Role: Senior Biostatistician

Grant Number: 5U01HL053937-14
PI Information: PUNJABI, NARESH
Project Title: The Sleep Heart Health Study
Role: Biostatistician

Grant Number: 5P30NR008995-05
PI Information: ALLEN, JERILYN
Project Title: Center for Collaborative Intervention Research
Role: Senior Biostatistician

Grant Number: 5K01DP001129-02
PI Information: SMITH, KATHERINE
Project Title: ROLES OF THE NEWS MEDIA IN KNOWLEDGE DISSEMINATION
Role: Senior Biostatistician

ACADEMICS

Advising

2013-2016	Mike Schmidt	UMMC:Neurology	PhD
2012-2013	Mechelle Keeton	UMMC:SHRP CHS	PhD
2008-2009	Gayane Yenokovan	JHU:BSPH Dept. of Epi	MHS
2006-2007	Christopher Simpkins	JHU:SOM Dept. of Surgery	MPH

Mentoring

2016	Kirby Parker	Clinical Biostatistics Internship
2014-2018	Kimystian Harrison	4-year Medical Student Research Program (MSRP 4-yr)
2014	Kimystian Harrison	Medical Student Training in Aging Research (MSTAR)
2013	Victoria Cannon	Clinical Biostatistics Internship
2013	Steven Wilkening	Medical Student Training in Aging Research (MSTAR)
2013-2017	Steven Wilkening	4-year Medical Student Research Program (MSRP 4-yr)
2012	Alycia Cleinman	Clinical Biostatistics Resident Internship
2012	Joel Duff	Summer Medical Student Research Program (sMSRP)
2012-2016	Brittany Simpson	Summer Medical Student Research Program (sMSRP)
2012	Brittany Simpson	4-year Medical Student Research Program (MSRP 4-yr)
2012	John Bridges	Medical Student Training in Aging Research (MSTAR)
2012-2016	John Bridges	4-year Medical Student Research Program (MSRP 4-yr)
2012	David Deschamp	Biostatistics Summer Internship
2011-2015	Bradley Deere	4-year Medical Student Research Program (MSRP 4-yr)
2011	Seth Lirette	Biostatistics Summer Internship
2010	Allyn Bond	Clinical Biostatistics Resident Internship
2010	Madhu Pendurthi	Clinical Biostatistics Internship

Classroom Instruction

2009-present Longitudinal Data Analysis – Epidemiology & Biostatistics Summer Institute
The Johns Hopkins University, Bloomberg School of Public Health

2017 Analytics (BDS721)
Department of Data Science
School of Population Health
The University of Mississippi Medical Center

- 2017 Introduction to Statistical Reasoning in Research (ID740)
School of Graduate Studies in the Health Sciences
The University of Mississippi Medical Center
- 2016 Longitudinal Data Analysis – Center for integrative Approaches to Health Disparities
(CIAHD) Junior Investigator Training Symposium Methods Workshop
- 2014 Fundamentals of Epi and Biostats: Interpreting the Medical Literature
The University of Mississippi Medical Center
- 2012 Research Design and Statistics
The University of Mississippi Medical Center
- 2012 Evidence-Based PT Practice I
The University of Mississippi Medical Center
- 2011-2013 Statistical Methods in Research: Radiation-Oncology
The University of Mississippi Medical Center
- 2010-2011 Statistical Methods in Research
The University of Mississippi Medical Center
- 2008 Introduction to Clinical Research - Biostatistics
The Johns Hopkins University, Bloomberg School of Public Health
The Johns Hopkins University, School of Medicine
- 2008 Innovative approaches to quantitative research on future health systems:
Multi-level Modeling and the Analysis of Longitudinal Data
Future Health Systems, Invited Shortcourse ICDDR, Dhaka, Bangladesh
- 2007-2009 Data Analysis Workshops I & II - Epidemiology & Biostatistics Summer Institute
The Johns Hopkins University, Bloomberg School of Public Health
- 2006 Longitudinal Data Analysis
The Johns Hopkins University, Bloomberg School of Public Health
- 2006 Multi-Level Models
The Johns Hopkins University, Bloomberg School of Public Health
- 2005 Statistical Reasoning in Public Health I & II
The Johns Hopkins University, Montgomery County Campus
- 2004-2005 Summer Institute: Multi-Level Statistical Models
The Johns Hopkins University, Bloomberg School of Public Health
- 2004 International Course: Biostatistics I (Inferential Biostatistics)
American University of Armenia, Master of Public Health Program
- 2002 International Course: Biostatistics II (Statistical Modeling)
University of Helsinki, Department of General Practice & Primary Health Care

Residency Instruction

- 2011 - 2013 Department of Surgery Journal Club, Training Faculty.
2010 - 2012 Department of Medicine Journal Club, Training Faculty.

COMMITTEE SERVICE

Grant Reviewing

2017	NIH National Institute on Aging; Clinical Trials Operations Support Center
2006, 2014-2016	NIH National Heart, Lung & Blood Institute; Anc. studies in clinical trials section
2013-2017	NIH National Institute of General Medical Sciences; Sepsis section
2015	AHA Strategically Focused Research Network; Hypertension
2015	AHA Strategically Focused Research Network; Health Disparities

Institutional Committees

2016-present	UMMC Academic Affairs Committee
2016-present	UMMC Research Data Security Taskforce
2014-present	UMMC Enterprise Data Warehouse Governance committee
2011-present	UMMC Centers and Institutes
2011- present	UMMC Research Council - Research Computing Subctte (Chair)
2009-present	UMMC Research Council
2009-present	UMMC Intramural Research Support Program (program update ctte & reviewer)
2013-2016	UMMC Vice Chancellor's Research Advisory Committee
2011-2014	UMMC Institutional Review Board 1
2011-2013	UMMC Cancer Institute Protocol Committee
2011-2013	UMMC DOM Research Advisory Committee
2011- 2013	UMMC Cancer Institute Protocol Review Ctte
2011-2012	UMMC School Of Medicine-Curriculum
2011- 2013	UMMC Research Advisory Committee - Research Data Services Subctte (Co-Chair)
2011- 2013	UMMC DOM Research Advisory Committee
2007-2008	Johns Hopkins Bloomberg SPH Institutional Review Board

Scientific Working Groups

2017-present	American Statistical Association W.J. Dixon Award Committee
2015-present	American Heart Association Hypertension Guidelines Evidence Review Committee
2015-present	Methods for Longitudinal Studies in Dementia (MELODEM)
2015-present	NIH NHLBI Trans-Omics for Precision Medicine (TOPMed)
2014-present	NIH NINDS STrokeNET
2014-present	Atherosclerosis Risk in Communities Study Neurocognitive Imaging workgroup
2014-present	Atherosclerosis Risk in Communities Study Aging and Physical Function workgroup
2014-present	Atherosclerosis Risk in Communities Study Methodologic Advancement workgroup
2013-present	Jackson Heart Study Presentations and Publications Committee
2013-present	Jackson Heart Study Ancillary Studies Committee
2013-present	Atherosclerosis Risk in Communities Study Steering Committee
2010-present	Jackson Heart Study Steering Committee
2010-2012	Center for Psychiatric Neuroscience COBRE External Advisory Group
2008-2009	National CTSA BERD Group Online Resource & Education Taskforce
2007-2009	Co-Director JHU Biostatistics for Clinical & Translational Research CenTeR
2006-2006	American Academy of Neurology (AAN) Guidelines Panel Member
2003-2004	Johns Hopkins Guidelines for Reproducible Research Committee
2002-2002	Survey Director for Biostatistics Self-Study Graduate Survey
2001-2003	Biostatistics Student-Faculty representative
1999-2003	Biostatistics Information Technology Committee