

# JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

## Year 2017

1. Gurka MJ, Golden SH, Musani SK, Sims M, Vishnu A, Guo Y, Cardel M, Pearson TA, DeBoer MD. Independent associations between a metabolic syndrome severity score and future diabetes by sex and race: the Atherosclerosis Risk In Communities Study and Jackson Heart Study. *Diabetologia*. 2017 Apr 4. doi: 10.1007/s00125-017-4267-6. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28378033>
2. Muntner P, Abdalla M, Correa A, Griswold M, Hall JE, Jones DW, Mensah GA, Sims M, Shimbo D, Spruill TM, Tucker KL, Appel LJ. Hypertension in Blacks: Unanswered Questions and Future Directions for the JHS (Jackson Heart Study). *Hypertension*. 2017 Mar 20. pii: HYPERTENSIONAHA.117.09061. doi: 10.1161/HYPERTENSIONAHA.117.09061. [Epub ahead of print] Review. <https://www.ncbi.nlm.nih.gov/pubmed/28320850>
3. Shah RV, Spahillari A, Mwasongwe S, Carr JJ, Terry JG, Mentz RJ, Addison D, Hoffmann U, Reis J, Freedman JE, Lima JA, Correa A, Murthy VL. Subclinical Atherosclerosis, Statin Eligibility, and Outcomes in African American Individuals: The Jackson Heart Study. *JAMA Cardiol*. 2017 Mar 18. doi: 10.1001/jamacardio.2017.0944. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28315622>
4. Xu Y. RE: "RESIDENTIAL PROXIMITY TO TRAFFIC-RELATED POLLUTION AND ATHEROSCLEROSIS IN 4 VASCULAR BEDS AMONG AFRICAN-AMERICAN ADULTS: RESULTS FROM THE JACKSON HEART STUDY". *Am J Epidemiol*. 2017 Mar 15:1. doi: 10.1093/aje/kwx042. Epub. <https://www.ncbi.nlm.nih.gov/pubmed/28338886>
5. Weaver AM, Wellenius GA, Wu WC, Hickson DA, Kamalesh M, Wang Y. Residential distance to major roadways and cardiac structure in African Americans: cross-sectional results from the Jackson Heart Study. *Environ Health*. 2017 Mar 8;16(1):21. doi: 10.1186/s12940-017-0226-4. <https://www.ncbi.nlm.nih.gov/pubmed/28270143>
6. DeBoer MD, Gurka MJ, Golden SH, Musani SK, Sims M, Vishnu A, Guo Y, Pearson TA. Independent Associations Between Metabolic Syndrome Severity and Future Coronary Heart Disease by Sex and Race. *J Am Coll Cardiol*. 2017 Mar 7;69(9):1204-1205. doi: 10.1016/j.jacc.2016.10.088. <https://www.ncbi.nlm.nih.gov/pubmed/28254184>
7. Khera AV, Won HH, Peloso GM, O'Dushlaine C, Liu D, Stitzel NO, Natarajan P, Nomura A, Emdin CA, Gupta N, Borecki IB, Asselta R, Duga S, Merlini PA, Correa A, Kessler T, Wilson JG, Bown MJ, Hall AS, Braund PS, Carey DJ, Murray MF, Kirchner HL, Leader JB, Lavage DR, Manus JN, Hartzel DN, Samani NJ, Schunkert H, Marrugat J, Elosua R, McPherson R, Farrall M, Watkins H, Lander ES, Rader DJ, Danesh J, Ardissino D, Gabriel S, Willer C, Abecasis GR, Saleheen D, Dewey FE, Kathiresan S; Myocardial Infarction Genetics Consortium, DiscovEHR Study Group, CARDIoGRAM Exome Consortium, and Global Lipids Genetics Consortium. Association of Rare and Common Variation in the Lipoprotein Lipase Gene With Coronary Artery Disease. *JAMA*. 2017 Mar 7;317(9):937-946. doi: 10.1001/jama.2017.0972. <https://www.ncbi.nlm.nih.gov/pubmed/28267856>

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8. Papavasileiou E, Davoudi S, Roohipoor R, Cho H, Kudrimoti S, Hancock H, Wilson JG, Andreoli C, Husain D, James M, Penman A, Chen CJ, Sobrin L. Association of serum lipid levels with retinal hard exudate area in African Americans with type 2 diabetes. *Graefes Arch Clin Exp Ophthalmol*. 2017 Mar;255(3):509-517. doi: 10.1007/s00417-016-3493-9. Epub. 2016 Sep 15. <https://www.ncbi.nlm.nih.gov/pubmed/27632216>
9. Diaz KM, Booth JN 3rd, Seals SR, Abdalla M, Dubbert PM, Sims M, Ladapo JA, Redmond N, Muntner P, Shimbo D. Physical Activity and Incident Hypertension in African Americans: The Jackson Heart Study. *Hypertension*. 2017 Mar;69(3):421-427. Epub 2017 Jan 30. doi: 10.1161/HYPERTENSIONAHA.116.08398. <https://www.ncbi.nlm.nih.gov/pubmed/28137988>
10. 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. <https://www.ncbi.nlm.nih.gov/pubmed/28254124>
11. Thomas SJ, Booth JN 3rd, Bromfield SG, Seals SR, Spruill TM, Ogedegbe G, Kidambi S, Shimbo D, Calhoun D, Muntner P. Clinic and ambulatory blood pressure in a population-based sample of African Americans: the Jackson Heart Study. *J Am Soc Hypertens*. 2017 Feb 16. pii: S1933-1711(17)30038-4. doi: 10.1016/j.jash.2017.02.001. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/28285829>
12. Bidulescu A, Ferguson TS, Hambleton I, Younger-Coleman N, Francis D, Bennett N, Griswold M, Fox E, MacLeish M, Wilks R, Harris EN, Sullivan LW. Educational health disparities in hypertension and diabetes 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. <https://www.ncbi.nlm.nih.gov/pubmed/28222733>
13. Bello NA, Hyacinth HI, Roetker NS, Seals SR, Naik RP, Derebail VK, Kshirsagar AV, Key NS, Wilson JG, Correa A, Adams RJ, Egede LD, Longstreth W, Choudhary G, Gee BE, Hughes AL, Shah AM, Manson JE, Allison M, Burke GL, Folsom AR, Carty CL, Reiner AP, Solomon SD, Konety SH. Sickle Cell Trait is not Associated with an Increased Risk of Heart Failure or Abnormalities of Cardiac Structure and Function. *Blood*. 2017 Feb 9;129(6):799-801. doi: 10.1182/blood-2016-08-705541. Epub 2016 Dec 8. <https://www.ncbi.nlm.nih.gov/pubmed/27932373>
14. Lacy ME, Wellenius GA, Sumner AE, Correa A, Carnethon MR, Liem RI, Wilson JG, Sacks DB, Jacobs Jr, DR, Carson AP, Luo X, Gjelsvik A, Reiner AP, Naik RP, Liu S, Musani SK, Eaton CB, Wu WC. Association of Sickle Cell Trait With Hemoglobin A1c in African Americans. *JAMA*. 2017 Feb 7;317(5):507-515. doi:10.1001/jama.2016.21035. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28170479>
15. Colantonio LD, Anstey DE, Carson AP, Ogedegbe G, Abdalla M, Sims M, Shimbo D, Muntner P. Metabolic syndrome and masked hypertension among African Americans: The Jackson Heart Study. *J Clin Hypertens (Greenwich)*. 2017 Feb 6. doi: 10.1111/jch.12974. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28165190>
16. Effoe VS, Wagenknecht LE, Echouffo Tcheugui JB, Chen H, Joseph JJ, Kalyani RR, Bell RA, Wu WH, Casanova R, Bertoni AG. Sex Differences in the Association Between Insulin Resistance and Incident Coronary Heart Disease and Stroke Among Blacks Without Diabetes Mellitus: The

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2016 – Present

(Updated: 04-06-2017)

- Jackson Heart Study. *J Am Heart Assoc.* 2017 Feb 2;6(2). pii: e004229. doi: 10.1161/JAHA.116.004229. <https://www.ncbi.nlm.nih.gov/pubmed/28154164>
17. Parikh KS, Greiner MA, Suzuki T, DeVore AD, Blackshear C, Maher JF, Curtis LH, Hernandez AF, O'Brien EC, Mentz RJ. Resting Heart Rate and Long-term Outcomes Among the African American Population: Insights From the Jackson Heart Study. *JAMA Cardiol.* 2017 Feb 1;2(2):172-180. doi: 10.1001/jamacardio.2016.3234. Epub 2016 Sep 28. <https://www.ncbi.nlm.nih.gov/pubmed/27681113>
  18. Spahillari A, Talegawkar S, Correa A, Carr JJ, Terry JG, Lima J, Freedman JE, Das S, Kociol R, de Ferranti S, Mohebbali D, Mwasongwe S, Tucker KL, Murthy VL, Shah RV. Ideal Cardiovascular Health, Cardiovascular Remodeling, and Heart Failure in Blacks: The Jackson Heart Study. *Circ Heart Fail.* 2017 Feb;10(2). pii: e003682. doi: 10.1161/CIRCHEARTFAILURE.116.003682. <https://www.ncbi.nlm.nih.gov/pubmed/28209767>
  19. Marouli E, Graff M, Medina-Gomez C, et al. Rare and low-frequency coding variants alter human adult height. *Nature.* 2017 Feb 9;542(7640):186-190. doi: 10.1038/nature21039. Epub 2017 Feb 1. <https://www.ncbi.nlm.nih.gov/pubmed/28146470>
  20. Chatterjee R, Davenport CA, Svetkey LP, Batch BC, Lin PH, Ramachandran VS, Fox ER, Harman J, Yeh HC, Selvin E, Correa A, Butler K, Edelman D. Serum potassium is a predictor of incident diabetes in African Americans with normal aldosterone: the Jackson Heart Study. *Am J Clin Nutr.* 2017 Feb;105(2):442-449. doi: 10.3945/ajcn.116.143255. Epub 2016 Dec 14. <https://www.ncbi.nlm.nih.gov/pubmed/27974310>
  21. De R, Verma SS, Holzinger E, Hall M, Burt A, Carrell DS, Crosslin DR, Jarvik GP, Kuivaniemi H, Kullo IJ, Lange LA, Lanktree MB, Larson EB, North KE, Reiner AP, Tragante V, Tromp G, Wilson JG, Asselbergs FW, Drenos F, Moore JH, Ritchie MD, Keating B, Gilbert-Diamond D. Identifying gene-gene interactions that are highly associated with four quantitative lipid traits across multiple cohorts. *Hum Genet.* 2017 Feb;136(2):165-178. doi: 10.1007/s00439-016-1738-7. 2016 Nov 15. [Epub ahead of print] <http://www.ncbi.nlm.nih.gov/pubmed/27848076>
  22. Zelnick LR, Katz R, Young BA, Correa A, Kestenbaum BR, de Boer IH, Bansal N. Echocardiographic Measures and Estimated GFR Decline Among African Americans: The Jackson Heart Study. *Am J Kidney Dis.* 2017 Jan 28. pii: S0272-6386(17)30003-3. doi: 10.1053/j.ajkd.2016.11.022. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28143672>
  23. Shallcross AJ, Butler M, Tanner RM, Bress A, Muntner P, Shimbo D, Ogedegbe G, Sims M, Spruill TM. Psychosocial correlates of apparent treatment-resistant hypertension in the Jackson Heart Study. *J Hum Hypertens.* 2017 Jan 26. doi: 10.1038/jhh.2016.100. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28124682>
  24. Gebreab SY, Hickson DA, Sims M, Wyatt SB, Davis SK, Correa A, Diez-Roux AV. Neighborhood social and physical environments and type 2 diabetes mellitus in African Americans: The Jackson Heart Study. *Health Place.* 2017 Jan;43:128-137. doi: 10.1016/j.healthplace.2016.12.001. Epub 2016 Dec 27. <https://www.ncbi.nlm.nih.gov/pubmed/28033588>

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

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25. van Rooij FJ, Qayyum R, Smith AV, Zhou Y, Trompet S, Tanaka T, Keller MF, Chang LC, Schmidt H, Yang ML, Chen MH, Hayes J, Johnson AD, Yanek LR, Mueller C, Lange L, Floyd JS, Ghanbari M, Zonderman AB, Jukema JW, Hofman A, van Duijn CM, Desch KC, Saba Y, Ozel AB, Snively BM, Wu JY, Schmidt R, Fornage M, Klein RJ, Fox CS, Matsuda K, Kamatani N, Wild PS, Stott DJ, Ford I, Slagboom PE, Yang J, Chu AY, Lambert AJ, Uitterlinden AG, Franco OH, Hofer E, Ginsburg D, Hu B, Keating B, Schick UM, Brody JA, Li JZ, Chen Z, Zeller T, Guralnik JM, Chasman DI, Peters LL, Kubo M, Becker DM, Li J, Eiriksdottir G, Rotter JI, Levy D, Grossmann V, Patel KV, Chen CH; BioBank Japan Project, Ridker PM, Tang H, Launer LJ, Rice KM, Li-Gao R, Ferrucci L, Evans MK, Choudhuri A, Trompouki E, Abraham BJ, Yang S, Takahashi A, Kamatani Y, Kooperberg C, Harris TB, Jee SH, Coresh J, Tsai FJ, Longo DL, Chen YT, Felix JF, Yang Q, Psaty BM, Boerwinkle E, Becker LC, Mook-Kanamori DO, Wilson JG, Gudnason V, O'Donnell CJ, Dehghan A, Cupples LA, Nalls MA, Morris AP, Okada Y, Reiner AP, Zon LI, Ganesh SK. Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. *Am J Hum Genet.* 2017 Jan 5;100(1):51-63. doi: 10.1016/j.ajhg.2016.11.016. Epub 2016 Dec 22. <https://www.ncbi.nlm.nih.gov/pubmed/28017375>
26. Sims M, Lipford KJ, Patel N, Ford CD, Min YI, Wyatt SB. Psychosocial Factors and Behaviors in African Americans: The Jackson Heart Study. *Am J Prev Med.* 2017 Jan;52(1S1):S48-S55. doi: 10.1016/j.amepre.2016.09.020. <https://www.ncbi.nlm.nih.gov/pubmed/27989292>
27. Stepanikova I, Baker EH, Simoni ZR, Zhu A, Rutland SB, Sims M, Wilkinson LL. The Role of Perceived Discrimination in Obesity Among African Americans. *Am J Prev Med.* 2017 Jan;52(1S1):S77-S85. doi: 10.1016/j.amepre.2016.07.034. <https://www.ncbi.nlm.nih.gov/pubmed/27989296>
28. Chu AY, Deng X, Fisher VA, Drong A, Zhang Y, Feitosa MF, Liu CT, Weeks O, Choh AC, Duan Q, Dyer TD, Eicher JD, Guo X, Heard-Costa NL, Kacprowski T, Kent JW Jr, Lange LA, Liu X, Lohman K, Lu L, Mahajan A, O'Connell JR, Parihar A, Peralta JM, Smith AV, Zhang Y, Homuth G, Kissebah AH, Kullberg J, Laqua R, Launer LJ, Nauck M, Olivier M, Peyser PA, Terry JG, Wojczynski MK, Yao J, Bielak LF, Blangero J, Borecki IB, Bowden DW, Carr JJ, Czerwinski SA, Ding J, Friedrich N, Gudnason V, Harris TB, Ingelsson E, Johnson AD, Kardia SL, Langefeld CD, Lind L, Liu Y, Mitchell BD, Morris AP, Mosley TH Jr, Rotter JI, Shuldiner AR, Towne B, Völzke H, Wallaschofski H, Wilson JG, Allison M, Lindgren CM, Goessling W6, Cupples LA, Steinhauser ML, Fox CS. Multiethnic genome-wide meta-analysis of ectopic fat depots identifies loci associated with adipocyte development and differentiation. *Nat Genet.* 2017 Jan;49(1):125-130. doi: 10.1038/ng.3738. Epub 2016 Dec 5. <https://www.ncbi.nlm.nih.gov/pubmed/27918534>

### **Year 2016**

29. Noordam R, Sitlani CM, Avery CL, Stewart JD, Gogarten SM, Wiggins KL, Trompet S, Warren HR, Sun F, Evans DS, Li X, Li J, Smith AV, Bis JC, Brody JA, Busch EL, Caulfield MJ, Chen YI, Cummings

## JACKSON HEART STUDY PUBLICATIONS

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(Updated: 04-06-2017)

- SR, Cupples LA, Duan Q, Franco OH, Méndez-Giráldez R, Harris TB, Heckbert SR, van Heemst D, Hofman A, Floyd JS, Kors JA, Launer LJ, Li Y, Li-Gao R, Lange LA, Lin HJ, de Mutsert R, Napier MD, Newton-Cheh C, Poulter N, Reiner AP, Rice KM, Roach J, Rodriguez CJ, Rosendaal FR, Sattar N, Sever P, Seyerle AA, Slagboom PE, Soliman EZ, Sotoodehnia N, Stott DJ, Stürmer T, Taylor KD, Thornton TA, Uitterlinden AG, Wilhelmsen KC, Wilson JG, Gudnason V, Jukema JW, Laurie CC, Liu Y, Mook-Kanamori DO, Munroe PB, Rotter JI, Vasán RS, Psaty BM, Stricker BH, Whitsel EA. A genome-wide interaction analysis of tricyclic/tetracyclic antidepressants and RR and QT intervals: a pharmacogenomics study from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium. *J Med Genet.* 2016 Dec 30. pii: jmedgenet-2016-104112. doi: 10.1136/jmedgenet-2016-104112. [Epub ahead of print]  
<https://www.ncbi.nlm.nih.gov/pubmed/28039329>
30. Emdin CA, Khera AV, Natarajan P, Klarin D, Won HH, Peloso GM, Stitzel NO, Nomura A, Zekavat SM, Bick AG, Gupta N, Asselta R, Duga S, Merlini PA, Correa A, Kessler T, Wilson JG, Bown MJ, Hall AS, Braund PS, Samani NJ, Schunkert H, Marrugat J, Elosua R, McPherson R, Farrall M, Watkins H, Willer C, Abecasis GR, Felix JF, Vasán RS, Lander E, Rader DJ, Danesh J, Ardisino D, Gabriel S, Saleheen D, Kathiresan S; CHARGE–Heart Failure Consortium.; CARDIoGRAM Exome Consortium. Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. *J Am Coll Cardiol.* 2016 Dec 27;68(25):2761-2772. doi: 10.1016/j.jacc.2016.10.033.  
<https://www.ncbi.nlm.nih.gov/pubmed/28007139>
31. Bansal N, Katz R, Robinson-Cohen C, Odden MC, Dalrymple L, Shlipak MG, Sarnak MJ, Siscovick DS, Zelnick L, Psaty BM, Kestenbaum B, Correa A, Afkarian M, Young B, de Boer IH. Absolute Rates of Heart Failure, Coronary Heart Disease, and Stroke in Chronic Kidney Disease: An Analysis of 3 Community-Based Cohort Studies. *JAMA Cardiol.* 2016 Dec 21. doi: 10.1001/jamacardio.2016.4652. [Epub ahead of print].  
<https://www.ncbi.nlm.nih.gov/pubmed/28002548>
32. Jankowich M, Elston B, Evans SK, Wu WC, Choudhary G. Relationship of Iron Deficiency and Serum Ferritin Levels with Pulmonary Hypertension: The Jackson Heart Study. *PLoS One.* 2016 Dec 14;11(12):e0167987. doi: 10.1371/journal.pone.0167987. eCollection 2016.  
<https://www.ncbi.nlm.nih.gov/pubmed/27973582>.
33. Floyd JS, Sitlani CM, Avery CL, Noordam R, Li X, Smith AV, Gogarten SM, Li J, Broer L, Evans DS, Trompet S, Brody JA, Stewart JD, Eicher JD, Seyerle AA, Roach J, Lange LA, Lin HJ, Kors JA, Harris TB, Li-Gao R, Sattar N, Cummings SR, Wiggins KL, Napier MD, Stürmer T, Bis JC, Kerr KF, Uitterlinden AG, Taylor KD, Stott DJ, de Mutsert R, Launer LJ, Busch EL, Méndez-Giráldez R, Sotoodehnia N, Soliman EZ, Li Y, Duan Q, Rosendaal FR, Slagboom PE, Wilhelmsen KC, Reiner AP, Chen YD, Heckbert SR, Kaplan RC, Rice KM, Jukema JW, Johnson AD, Liu Y, Mook-Kanamori DO, Gudnason V, Wilson JG, Rotter JI, Laurie CC, Psaty BM, Whitsel EA, Cupples LA, Stricker BH. Large-scale pharmacogenomic study of sulfonylureas and the QT, JT and QRS intervals: CHARGE

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2016 – Present

(Updated: 04-06-2017)

- Pharmacogenomics Working Group. Pharmacogenomics J. 2016 Dec 13. doi: 10.1038/tpj.2016.90. [Epub ahead of print].  
<https://www.ncbi.nlm.nih.gov/pubmed/27958378>
34. Randolph TC, Greiner MA, Egwim C, Hernandez AF, Thomas KL, Curtis LH, Muntner P, Wang W, Mentz RJ, O'Brien EC. Associations Between Blood Pressure and Outcomes Among Blacks in the Jackson Heart Study. J Am Heart Assoc. 2016 Dec 7;5(12). pii: e003928.  
<https://www.ncbi.nlm.nih.gov/pubmed/27927632>
35. Keaton JM, Hellwege JN, Ng MC, Palmer ND, Pankow JS, Fornage M, Wilson JG, Correa A, Rasmussen-Torvik LJ, Rotter JI, Chen YI, Taylor KD, Rich SS, Wagenknecht LE, Freedman BI, Bowden DW. Genome-Wide Interaction with Selected Type 2 Diabetes Loci Reveals Novel Loci for Type 2 Diabetes in African Americans. Pac Symp Biocomput. 2016;22:242-253.  
<http://www.ncbi.nlm.nih.gov/pubmed/27896979>
36. Barber S, Hickson DA, Wang X, Sims M, Nelson C, Diez-Roux AV. Neighborhood Disadvantage, Poor Social Conditions, and Cardiovascular Disease Incidence Among African American Adults in the Jackson Heart Study. Am J Public Health. 2016 Dec;106(12):2219-2226. 2016 Oct 13:e1-e8.  
<http://www.ncbi.nlm.nih.gov/pubmed/27736207>
37. Khan RJ, Gebreab SY, Riestra P, Sims M, Gaye A, Xu R, Davis SK. Associations between Vitamin D and Cardiovascular Disease Risk Factors in African Americans Are Partly Explained by Circulating Adipokines and C-Reactive Protein: the Jackson Heart Study. J Nutr. 2016 Dec;146(12):2537-2543. 2016 Oct 26. pii: jn239509. [Epub ahead of print].  
<http://www.ncbi.nlm.nih.gov/pubmed/27798347>
38. Lin A, Lacy ME, Eaton C, Correa A, Wu WC. Inflammatory Obesity Phenotypes, Gender Effects, and Subclinical Atherosclerosis in African Americans: The Jackson Heart Study. Arterioscler Thromb Vasc Biol. 2016 Dec;36(12):2431-2438.  
<http://www.ncbi.nlm.nih.gov/pubmed/27856456>.
39. Bromfield SG, Shimbo D, Booth JN 3rd, Correa A, Ogedegbe G, Carson AP, Muntner P. Cardiovascular Risk Factors and Masked Hypertension: The Jackson Heart Study. Hypertension. 2016 Dec;68(6):1475-1482. 2016 Oct 24. pii: HYPERTENSIONAHA.116.08308. [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/27777359>
40. Bansal N, Katz R, Himmelfarb J, Afkarian M, Kestenbaum B, de Boer IH, Young B. Markers of kidney disease and risk of subclinical and clinical heart failure in African Americans: the Jackson Heart Study. Nephrol Dial Transplant. 2016 Dec;31(12):2057-2064. Epub 2016 Jun 2.  
<http://www.ncbi.nlm.nih.gov/pubmed/27257276>
41. Liu S, Wilson JG, Jiang F, Griswold M, Correa A, Mei H. Multi-variant study of obesity risk genes in African Americans: The Jackson Heart Study. Gene. 2016 Nov 30;593(2):315-21. doi: 10.1016/j.gene.2016.08.041. Epub 2016 Aug 26.  
<http://www.ncbi.nlm.nih.gov/pubmed/27575456>
42. Natarajan P, Bis JC, Bielak LF, Cox AJ, Dörr M, Feitosa MF, Franceschini N, Guo X, Hwang SJ, Isaacs A, Jhun MA, Kavousi M, Li-Gao R, Lyttikäinen LP, Marioni RE, Schminke U, Stitzel NO,

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- Tada H, van Setten J, Smith AV, Vojinovic D, Yanek LR, Yao J, Yerges-Armstrong LM, Amin N, Baber U, Borecki IB, Carr JJ, Chen YI, Cupples LA, de Jong PA, de Koning H, de Vos BD, Demirkan A, Fuster V, Franco OH, Goodarzi MO, Harris TB, Heckbert SR, Heiss G, Hoffmann U, Hofman A, Işgum I, Jukema JW, Kähönen M, Kardia SL, Kral BG, Launer LJ, Massaro J, Mehran R, Mitchell BD, Mosley TH Jr, de Mutsert R, Newman AB, Nguyen KD, North KE, O'Connell JR, Oudkerk M, Pankow JS, Peloso GM, Post W, Province MA, Raffield LM, Raitakari OT, Reilly DF, Rivadeneira F, Rosendaal F, Sartori S, Taylor KD, Teumer A, Trompet S, Turner ST, Uitterlinden AG, Vaidya D, van der Lugt A, Völker U, Wardlaw JM, Wassel CL, Weiss S, Wojczynski MK, Becker DM, Becker LC, Boerwinkle E, Bowden DW, Deary IJ, Dehghan A, Felix SB, Gudnason V, Lehtimäki T, Mathias R, Mook-Kanamori DO, Psaty BM, Rader DJ, Rotter JI, Wilson JG, van Duijn CM, Völzke H, Kathiresan S, Peyser PA, O'Donnell CJ; CHARGE Consortium. Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. *Circ Cardiovasc Genet*. 2016 Nov 21. pii: CIRCGENETICS.116.001572. [Epub ahead of print]  
<http://www.ncbi.nlm.nih.gov/pubmed/27872105>
43. Natarajan P, Gold NB, Bick AG, McLaughlin H, Kraft P, Rehm HL, Peloso GM, Wilson JG, Correa A, Seidman JG, Seidman CE, Kathiresan S, Green RC. Aggregate penetrance of genomic variants for actionable disorders in European and African Americans. *Sci Transl Med*. 2016 Nov 9;8(364):364ra151. <http://www.ncbi.nlm.nih.gov/pubmed/27831900>
44. Booth JN 3rd, Muntner P, Diaz KM, Viera AJ, Bello NA, Schwartz JE, Shimbo D. Evaluation of Criteria to Detect Masked Hypertension. *J Clin Hypertens (Greenwich)*. 2016 Nov;18(11):1086-1094. doi: 10.1111/jch.12830. Epub 2016 Apr 29.  
<http://www.ncbi.nlm.nih.gov/pubmed/27126770>
45. Wang Y, Wellenius GA, Hickson DA, Gjelsvik A, Eaton CB, Wyatt SB. Residential Proximity to Traffic-Related Pollution and Atherosclerosis in 4 Vascular Beds Among African-American Adults: Results From the Jackson Heart Study. *Am J Epidemiol*. 2016 Oct 27. [Epub ahead of print].  
<http://www.ncbi.nlm.nih.gov/pubmed/27789446>
46. Mathias RA, Taub MA, Gignoux CR, Fu W, Musharoff S, O'Connor TD, Vergara C, Torgerson DG, Pino-Yanes M, Shringarpure SS, Huang L, Rafaels N, Boorgula MP, Johnston HR, Ortega VE, Levin AM, Song W, Torres R, Padhukasahasram B, Eng C, Mejia-Mejia DA, Ferguson T, Qin ZS, Scott AF, Yazdanbakhsh M, Wilson JG, Marrugo J, Lange LA, Kumar R, Avila PC, Williams LK, Watson H, Ware LB, Olopade C, Olopade O, Oliveira R, Ober C, Nicolae DL, Meyers D, Mayorga A, Knight-Madden J, Hartert T, Hansel NN, Foreman MG, Ford JG, Faruque MU, Dunston GM, Caraballo L, Burchard EG, Bleecker E, Araujo MI, Herrera-Paz EF, Gietzen K, Grus WE, Bamshad M, Bustamante CD, Kenny EE, Hernandez RD, Beaty TH, Ruczinski I, Akey J; CAAPA, Barnes KC, Campbell M, Chavan S, Foster C, Gao L, Horowitz E, Ortiz R, Potee J, Gao J, Hu Y, Hansen M, Deshpande A, Locke DP, Grammer L, Kim KY, Schleimer R, De La Vega FM, Szpiech ZA, Oluwole O, Arinola G, Correa A, Musani S, Chong J, Nickerson D, Reiner A, Maul P, Maul T, Martinez B, Meza C, Ayestas G, Landaverde-Torres P, Erazo SO, Martinez R, Mayorga LF, Ramos H, Saenz A,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

Varela G, Vasquez OM, Samms-Vaughan M, Wilks RJ, Adegnika A, Ateba-Ngoa U. A continuum of admixture in the Western Hemisphere revealed by the African Diaspora genome. *Nat Commun*. 2016 Oct 11;7:12522. doi: 10.1038/ncomms12522.

<http://www.ncbi.nlm.nih.gov/pubmed/27725671>

47. Casanova R, Saldana S, Simpson SL, Lacy ME, Subauste AR, Blackshear C, Wagenknecht L, Bertoni AG. Prediction of Incident Diabetes in the Jackson Heart Study Using High-Dimensional Machine Learning. *PLoS One*. 2016 Oct 11;11(10):e0163942. doi: 10.1371/journal.pone.0163942.

<http://www.ncbi.nlm.nih.gov/pubmed/27727289>

48. Greenberg PB, Chen AJ, Wu WC. Sudden Vision Loss and Mortality: The Jackson Heart Study. *Ophthalmic Epidemiol*. 2016 Oct;23(5):285-91. doi: 10.1080/09286586.2016.1215476. Epub 2016 Aug 23. <http://www.ncbi.nlm.nih.gov/pubmed/27552478>

49. Ommerborn MJ, Blackshear CT, Hickson DA, Griswold ME, Kwatra J, Djoussé L, Clark CR. Ideal Cardiovascular Health and Incident Cardiovascular Events: The Jackson Heart Study. *Am J Prev Med*. 2016 Oct;51(4):502-6. doi: 10.1016/j.amepre.2016.07.003. Epub 2016 Aug 15.

<http://www.ncbi.nlm.nih.gov/pubmed/27539974>

50. Liu C, Kraja AT, Smith JA, Brody JA, Franceschini N, Bis JC, Rice K, Morrison AC, Lu Y, Weiss S, Guo X, Palmas W, Martin LW, Chen YI, Surendran P, Drenos F, Cook JP, Auer PL, Chu AY, Giri A, Zhao W, Jakobsdottir J, Lin LA, Stafford JM, Amin N, Mei H, Yao J, Voorman A; CHD Exome+ Consortium; ExomeBP Consortium; GoT2DGenes Consortium; T2D-GENES Consortium, Larson MG, Grove ML, Smith AV, Hwang SJ, Chen H, Huan T, Kosova G, Stitzel NO, Kathiresan S, Samani N, Schunkert H, Deloukas P; Myocardial Infarction Genetics and CARDIoGRAM Exome Consortia, Li M, Fuchsberger C, Pattaro C, Gorski M; CKDGen Consortium, Kooperberg C, Papanicolaou GJ, Rossouw JE, Faul JD, Kardina SL, Bouchard C, Raffel LJ, Uitterlinden AG, Franco OH, Vasan RS, O'Donnell CJ, Taylor KD, Liu K, Bottinger EP, Gottesman O, Daw EW, Giulianini F, Ganesh S, Salfati E, Harris TB, Launer LJ, Dörr M, Felix SB, Rettig R, Völzke H, Kim E, Lee WJ, Lee IT, Sheu WH, Tsoie KS, Edwards DR, Liu Y, Correa A, Weir DR, Völker U, Ridker PM, Boerwinkle E, Gudnason V, Reiner AP, van Duijn CM, Borecki IB, Edwards TL, Chakravarti A, Rotter JJ, Psaty BM, Loos RJ, Fornage M, Ehret GB, Newton-Cheh C, Levy D, Chasman DI. Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. *Nat Genet*. 2016 Oct;48(10):1162-70. doi: 10.1038/ng.3660. Epub 2016 Sep 12.

<http://www.ncbi.nlm.nih.gov/pubmed/27618448>

51. Haas PJ, Bishop CE, Gao Y, Griswold ME, Schweinfurth JM. Relationships Among Measures of Physical Activity and Hearing in African Americans: The Jackson Heart Study. *Laryngoscope*. 2016 Oct;126(10):2376-81. doi: 10.1002/lary.25924. Epub 2016 Mar 1.

<http://www.ncbi.nlm.nih.gov/pubmed/26928239>

52. Johnson DA, Lisabeth L, Hickson D, Johnson-Lawrence V, Samdarshi T, Taylor H, Diez Roux AV. The Social Patterning of Sleep in African Americans: Associations of Socioeconomic Position and Neighborhood Characteristics with Sleep in the Jackson Heart Study. *Sleep*. 2016 Sep 1;39(9):1749-59. doi: 10.5665/sleep.6106. Epub 2016 May 25 (pii: sp-00505-15).

<http://www.ncbi.nlm.nih.gov/pubmed/27253767>

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

53. Barber S, Hickson DA, Kawachi I, Subramanian SV, Earls F. Neighborhood Disadvantage and Cumulative Biological Risk Among a Socioeconomically Diverse Sample of African American Adults: An Examination in the Jackson Heart Study. *J Racial Ethn Health Disparities*. 2016 Sep;3(3):444-56. doi: 10.1007/s40615-015-0157-0. Epub 2015 Sep 28.  
<https://www.ncbi.nlm.nih.gov/pubmed/27294737>
54. Robinson JC, Wyatt SB, Dubbert PM, May W, Sims M. The impact of neighborhood on physical activity in the Jackson Heart Study. *Prev Med*. 2016 Sep;90:216-22. doi: 10.1016/j.ypmed.2016.07.025. Epub 2016 Jul 27.  
<http://www.ncbi.nlm.nih.gov/pubmed/27473665>
55. Evans DS, Avery CL, Nalls MA, Li G, Barnard J, Smith EN, Tanaka T, Butler AM, Buxbaum SG, Alonso A, Arking DE, Berenson GS, Bis JC, Buyske S, Carty CL, Chen W, Chung MK, Cummings SR, Deo R, Eaton CB, Fox ER, Heckbert SR, Heiss G, Hindorff LA, Hsueh WC, Isaacs A, Jamshidi Y, Kerr KF, Liu F, Liu Y, Lohman KK, Magnani JW, Maher JF, Mehra R, Meng YA, Musani SK, Newton-Cheh C, North KE, Psaty BM, Redline S, Rotter JI, Schnabel RB, Schork NJ, Shohet RV, Singleton AB, Smith JD, Soliman EZ, Srinivasan SR, Taylor HA Jr, Van Wagener DR, Wilson JG, Young T, Zhang ZM, Zonderman AB, Evans MK, Ferrucci L, Murray SS, Tranah GJ, Whitsel EA, Reiner AP; CHARGE QRS Consortium, Sotoodehnia N. Fine-mapping, Novel Loci Identification, and SNP Association Transferability in a Genome-Wide Association Study of QRS Duration in African Americans. *Hum Mol Genet*. 2016 Aug 29. pii: ddw284. [Epub ahead of print]  
<http://www.ncbi.nlm.nih.gov/pubmed/27577874>
56. Millard HR, Musani SK, Dibaba DT, Talegawkar SA, Taylor HA, Tucker KL, Bidulescu A. Dietary choline and betaine; associations with subclinical markers of cardiovascular disease risk and incidence of CVD, coronary heart disease and stroke: the Jackson Heart Study. *Eur J Nutr*. 2016 Aug 22. [Epub ahead of print] <http://www.ncbi.nlm.nih.gov/pubmed/27550622>
57. Lek M, Karczewski KJ, Minikel EV, Samocha KE, Banks E, Fennell T, O'Donnell-Luria AH, Ware JS, Hill AJ, Cummings BB, Tukiainen T, Birnbaum DP, Kosmicki JA, Duncan LE, Estrada K, Zhao F, Zou J, Pierce-Hoffman E, Berghout J, Cooper DN, Deflaux N, DePristo M, Do R, Flannick J, Fromer M, Gauthier L, Goldstein J, Gupta N, Howrigan D, Kiezun A, Kurki MI, Moonshine AL, Natarajan P, Orozco L, Peloso GM, Poplin R, Rivas MA, Ruano-Rubio V, Rose SA, Ruderfer DM, Shakir K, Stenson PD, Stevens C, Thomas BP, Tiao G, Tusie-Luna MT, Weisburd B, Won HH, Yu D, Altshuler DM, Ardissino D, Boehnke M, Danesh J, Donnelly S, Elosua R, Florez JC, Gabriel SB, Getz G, Glatt SJ, Hultman CM, Kathiresan S, Laakso M, McCarroll S, McCarthy MI, McGovern D, McPherson R, Neale BM, Palotie A, Purcell SM, Saleheen D, Scharf JM, Sklar P, Sullivan PF, Tuomilehto J, Tsuang MT, Watkins HC, Wilson JG, Daly MJ, MacArthur DG; Exome Aggregation Consortium. Analysis of protein-coding genetic variation in 60,706 humans. *Nature*. 2016 Aug 17;536(7616):285-91. doi: 10.1038/nature19057.  
<http://www.ncbi.nlm.nih.gov/pubmed/27535533>
58. Afkarian M, Katz R, Bansal N, Correa A, Kestenbaum B, Himmelfarb J, de Boer IH, Young B. Diabetes, Kidney Disease, and Cardiovascular Outcomes in the Jackson Heart Study. *Clin J Am Soc Nephrol*. 2016 Aug 8;11(8):1384-91. doi: 10.2215/CJN.13111215. Epub 2016 Jun 23.  
<http://www.ncbi.nlm.nih.gov/pubmed/27340284>
59. Polfus LM, Khajuria RK, Schick UM, Pankratz N, Pazoki R, Brody JA, Chen MH, Auer PL, Floyd JS,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- Huang J, Lange L, van Rooij FJ, Gibbs RA, Metcalf G, Muzny D, Veeraraghavan N, Walter K, Chen L, Yanek L, Becker LC, Peloso GM, Wakabayashi A, Kals M, Metspalu A, Esko T, Fox K, Wallace R, Franceschini N, Matijevic N, Rice KM, Bartz TM, Lyytikäinen LP, Kähönen M, Lehtimäki T, Raitakari OT, Li-Gao R, Mook-Kanamori DO, Lettre G, van Duijn CM, Franco OH, Rich SS, Rivadeneira F, Hofman A, Uitterlinden AG, Wilson JG, Psaty BM, Soranzo N, Dehghan A, Boerwinkle E, Zhang X, Johnson AD, O'Donnell CJ, Johnsen JM, Reiner AP, Ganesh SK, Sankaran VG. Whole-Exome Sequencing Identifies Loci Associated with Blood Cell Traits and Reveals a Role for Alternative GF11B Splice Variants in Human Hematopoiesis. *Am J Hum Genet.* 2016 Aug 4;99(2):481-8. doi: 10.1016/j.ajhg.2016.06.016. <http://www.ncbi.nlm.nih.gov/pubmed/27486782>
60. Fuchsberger C, Flannick J, Teslovich TM, Mahajan A, Agarwala V, Gaulton KJ, Ma C, Fontanillas P, Moutsianas L, McCarthy DJ, Rivas MA, Perry JR, Sim X, Blackwell TW, Robertson NR, Rayner NW, Cingolani P, Locke AE, Tajes JF, Highland HM, Dupuis J, Chines PS, Lindgren CM, Hartl C, Jackson AU, Chen H, Huyghe JR, van de Bunt M, Pearson RD, Kumar A, Müller-Nurasyid M, Grarup N, Stringham HM, Gamazon ER, Lee J, Chen Y, Scott RA, Below JE, Chen P, Huang J, Go MJ, Stitzel ML, Pasko D, Parker SC, Varga TV, Green T, Beer NL, Day-Williams AG, Ferreira T, Fingerlin T, Horikoshi M, Hu C, Huh I, Ikram MK, Kim BJ, Kim Y, Kim YJ, Kwon MS, Lee J, Lee S, Lin KH, Maxwell TJ, Nagai Y, Wang X, Welch RP, Yoon J, Zhang W, Barzilai N, Voight BF, Han BG, Jenkinson CP, Kuulasmaa T, Kuusisto J, Manning A, Ng MC, Palmer ND, Balkau B, Stančáková A, Abboud HE, Boeing H, Giedraitis V, Prabhakaran D, Gottesman O, Scott J, Carey J, Kwan P, Grant G, Smith JD, Neale BM, Purcell S, Butterworth AS, Howson JM, Lee HM, Lu Y, Kwak SH, Zhao W, Danesh J, Lam VK, Park KS, Saleheen D, So WY, Tam CH, Afzal U, Aguilar D, Arya R, Aung T, Chan E, Navarro C, Cheng CY, Palli D, Correa A, Curran JE, Rybin D, Farook VS, Fowler SP, Freedman BI, Griswold M, Hale DE, Hicks PJ, Khor CC, Kumar S, Lehne B, Thuillier D, Lim WY, Liu J, van der Schouw YT, Loh M, Musani SK, Puppala S, Scott WR, Yengo L, Tan ST, Taylor HA Jr, Thameem F, Wilson G, Wong TY, Njølstad PR, Levy JC, Mangino M, Bonnycastle LL, Schwarzmayr T, Fadista J, Surdulescu GL, Herder C, Groves CJ, Wieland T, Bork-Jensen J, Brandslund I, Christensen C, Koistinen HA, Doney AS, Kinnunen L, Esko T, Farmer AJ, Hakaste L, Hodgkiss D, Kravic J, Lyssenko V, Hollensted M, Jørgensen ME, Jørgensen T, Ladenvall C, Justesen JM, Käräjämäki A, Kriebel J, Rathmann W, Lannfelt L, Lauritzen T, Narisu N, Linneberg A, Melander O, Milani L, Neville M, Orho-Melander M, Qi L, Qi Q, Roden M, Rolandsson O, Swift A, Rosengren AH, Stirrups K, Wood AR, Mihailov E, Blancher C, Carneiro MO, Maguire J, Poplin R, Shakir K, Fennell T, DePristo M, Hrabé de Angelis M, Deloukas P, Gjesing AP, Jun G, Nilsson P, Murphy J, Onofrio R, Thorand B, Hansen T, Meisinger C, Hu FB, Isomaa B, Karpe F, Liang L, Peters A, Huth C, O'Rahilly SP, Palmer CN, Pedersen O, Rauramaa R, Tuomilehto J, Salomaa V, Watanabe RM, Syvänen AC, Bergman RN, Bharadwaj D, Bottinger EP, Cho YS, Chandak GR, Chan JC, Chia KS, Daly MJ, Ebrahim SB, Langenberg C, Elliott P, Jablonski KA, Lehman DM, Jia W, Ma RC, Pollin TI, Sandhu M, Tandon N, Froguel P, Barroso I, Teo YY, Zeggini E, Loos RJ, Small KS, Ried JS, DeFronzo RA, Grallert H, Glaser B, Metspalu A, Wareham NJ, Walker M, Banks E, Gieger C, Ingelsson E, Im HK, Illig T, Franks PW, Buck G, Trakalo J, Buck D, Prokopenko I, Mägi R, Lind L, Farjoun Y, Owen KR, Gloyn AL, Strauch K, Tuomi T, Kooner JS, Lee JY, Park T, Donnelly P, Morris AD, Hattersley AT, Bowden DW, Collins FS, Atzmon G, Chambers JC, Spector TD, Laakso M, Strom TM, Bell GI, Blangero J, Duggirala R, Tai ES, McVean G, Hanis CL, Wilson JG, Seielstad M, Frayling TM, Meigs JB, Cox NJ, Sladek R, Lander

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- ES, Gabriel S, Burt NP, Mohlke KL, Meitinger T, Groop L, Abecasis G, Florez JC, Scott LJ, Morris AP, Kang HM, Boehnke M, Altshuler D, McCarthy MI. The genetic architecture of type 2 diabetes. *Nature*. 2016 Aug 4;536(7614):41-7. doi:10.1038/nature18642. Epub 2016 Jul 11. <http://www.ncbi.nlm.nih.gov/pubmed/27398621>
61. Booth JN 3rd, Diaz KM, Seals SR, Sims M, Ravenell J, Muntner P, Shimbo D. Masked Hypertension and Cardiovascular Disease Events in a Prospective Cohort of Blacks: The Jackson Heart Study. *Hypertension*. 2016 Aug;68(2):501-10. doi: 10.1161/HYPERTENSIONAHA.116.07553. Epub 2016 Jun 27. <http://www.ncbi.nlm.nih.gov/pubmed/27354424>
62. Young BA, Katz R, Boulware LE, Kestenbaum B, de Boer IH, Wang W, Fülöp T, Bansal N, Robinson-Cohen C, Griswold M, Powe NN, Himmelfarb J, Correa A. Risk Factors for Rapid Kidney Function Decline Among African Americans: The Jackson Heart Study (JHS). *Am J Kidney Dis*. 2016 Aug;68(2):229-39. doi: 10.1053/j.ajkd.2016.02.046. Epub 2016 Apr 9. <http://www.ncbi.nlm.nih.gov/pubmed/27066930>
63. Spruill TM, Schallcross AJ, Ogedegbe G, Chaplin W, Butler M, Pastva A, Shimbo D, Muntner P, Sims M, Sarpong D, Agyemang C, Ravenell J. Psychosocial correlates of nocturnal blood pressure dipping in African Americans: The Jackson Heart Study. *Am J Hypertens*. 2016 Aug;29(8):904-12. doi: 10.1093/ajh/hpw008. Epub 2016 Feb 11. <http://www.ncbi.nlm.nih.gov/pubmed/26869251>
64. Khan RJ, Riestra P, Gebreab SY, Wilson JG, Gaye A, Xu R, Davis SK. Vitamin D Receptor Gene Polymorphisms Are Associated with Abdominal Visceral Adipose Tissue Volume and Serum Adipokine Concentrations but Not with Body Mass Index or Waist Circumference in African Americans: The Jackson Heart Study. *J Nutr*. 2016 Aug;146(8):1476-82. doi: 10.3945/jn.116.229963. Epub 2016 Jun 29. <http://www.ncbi.nlm.nih.gov/pubmed/27358421>
65. Peloso GM, Lange LA, Varga TV, Nickerson DA, Smith JD, Griswold ME, Musani S, Polfus LM, Mei H, Gabriel S, Quarells RC, Altshuler D, Boerwinkle E, Daly MJ, Neale B, Correa A, Reiner AP, Wilson JG, Kathiresan S. Association of Exome Sequences with Cardiovascular Traits among Blacks in the Jackson Heart Study. *Circ Cardiovasc Genet*. 2016 Aug;9(4):368-74. doi: 10.1161/CIRCGENETICS.116.001410. Epub 2016 Jul 15. <http://www.ncbi.nlm.nih.gov/pubmed/27422940>
66. Krishnamoorthy A, Greiner MA, Bertoni AG, Eapen ZJ, O'Brien EC, Curtis LH, Hernandez AF, Mentz RJ. The Obesity and Heart Failure Epidemics among African Americans: Insights From the Jackson Heart Study. *J Card Fail*. 2016 Aug;22(8):589-97. doi: 10.1016/j.cardfail.2016.03.004. Epub 2016 Mar 11. <http://www.ncbi.nlm.nih.gov/pubmed/26975941>
67. Ford CD, Sims M, Higginbotham JC, Crowther MR, Wyatt SB, Musani SK, Payne TJ, Fox ER, Parton JM. Psychosocial Factors Are Associated With Blood Pressure Progression Among African Americans in the Jackson Heart Study. *Am J Hypertens*. 2016 Aug;29(8):913-24. doi: 10.1093/ajh/hpw013. Epub 2016 Mar 10. <http://www.ncbi.nlm.nih.gov/pubmed/26964661>
68. Kan M, Auer PL, Wang GT, Bucayas KL, Hooker S, Rodriguez A, Li B, Ellis J, Adrienne Cupples L, Ida Chen YD, Dupuis J, Fox CS, Gross MD, Smith JD, Heard-Costa N, Meigs JB, Pankow JS, Rotter JL, Siscovick D, Wilson JG, Shendure J, Jackson R, Peters U, Zhong H, Lin D, Hsu L, Franceschini N, Carlson C, Abecasis G, Gabriel S, Bamshad MJ, Altshuler D, Nickerson DA, North KE, Lange LA, Reiner AP, Leal SM. Rare variant associations with waist-to-hip ratio in European-American and

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- African-American women from the NHLBI-Exome Sequencing Project. *Eur J Hum Genet.* 2016 Aug;24(8):1181-7. doi: 10.1038/ejhg.2015.272. Epub 2016 Jan 13.  
<http://www.ncbi.nlm.nih.gov/pubmed/26757982>
69. Keaton JM, Hellwege JN, Ng MC, Palmer ND, Pankow JS, Fornage M, Wilson JG, Correa A, Rasmussen-Torvik LJ, Rotter JI, Chen YD, Taylor KD, Rich SS, Wagenknecht LE, Freedman BI, Bowden DW. Genome-Wide Interaction with Insulin Secretion Loci Reveals Novel Loci for Type 2 Diabetes in African Americans. *PLoS One.* 2016 Jul 22;11(7):e0159977. doi: 10.1371/journal.pone.0159977. eCollection 2016.  
<http://www.ncbi.nlm.nih.gov/pubmed/27448167>
70. Deere B, Griswold M, Lirette S, Fox E, Sims M. Life Course Socioeconomic Position and Subclinical Disease: The Jackson Heart Study. *Ethn Dis.* 2016 Jul 21;26(3):355-62. doi: 10.18865/ed.26.3.355. <http://www.ncbi.nlm.nih.gov/pubmed/27440975>
71. White WB, Srinivasan A, Nelson C, Fahmy N, Henderson F. Capacity-Building for Career Paths in Public Health and Biomedical Research for Undergraduate Minority Students: A Jackson Heart Study Success Model. *Ethn Dis.* 2016 Jul 21;26(3):399-406. doi: 10.18865/ed.26.3.399.  
<http://www.ncbi.nlm.nih.gov/pubmed/27440981>
72. Tajuddin SM, Schick UM, Eicher JD, Chami N, Giri A, Brody JA, Hill WD, Kacprowski T, Li J, Lyytikäinen LP, Manichaikul A, Mihailov E, O'Donoghue ML, Pankratz N, Pazoki R, Polfus LM, Smith AV, Schurmann C, Vacchi-Suzzi C, Waterworth DM, Evangelou E, Yanek LR, Burt A, Chen MH, van Rooij FJ, Floyd JS, Greinacher A, Harris TB, Highland HM, Lange LA, Liu Y, Mägi R, Nalls MA, Mathias RA, Nickerson DA, Nikus K, Starr JM, Tardif JC, Tzoulaki I, Velez Edwards DR, Wallentin L, Bartz TM, Becker LC, Denny JC, Raffield LM, Rioux JD, Friedrich N, Fornage M, Gao H, Hirschhorn JN, Liewald DC, Rich SS, Uitterlinden A, Bastarache L, Becker DM, Boerwinkle E, de Denus S, Bottinger EP, Hayward C, Hofman A, Homuth G, Lange E, Launer LJ, Lehtimäki T, Lu Y, Metspalu A, O'Donnell CJ, Quarells RC, Richard M, Torstenson ES, Taylor KD, Vergnaud AC, Zonderman AB, Crosslin DR, Deary IJ, Dörr M, Elliott P, Evans MK, Gudnason V, Kähönen M, Psaty BM, Rotter JI, Slater AJ, Dehghan A, White HD, Ganesh SK, Loos RJ, Esko T, Faraday N, Wilson JG, Cushman M, Johnson AD, Edwards TL, Zakai NA, Lettre G, Reiner AP, Auer PL. Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. *Am J Hum Genet.* 2016 Jul 7;99(1):22-39. doi: 10.1016/j.ajhg.2016.05.003. Epub 2016 Jun 23.  
<http://www.ncbi.nlm.nih.gov/pubmed/27346689>
73. Bruce MA, Beech BM, Griffith DM, Thorpe RJ Jr. Spirituality, Religiosity, and Weight Management Among African American Adolescent Males: The Jackson Heart KIDS Pilot Study. *Behav Med.* 2016 Jul-Sep;42(3):183-9. doi: 10.1080/08964289.2015.1121133.  
<http://www.ncbi.nlm.nih.gov/pubmed/27337622>
74. Eicher JD, Chami N, Kacprowski T, Nomura A, Chen MH, Yanek LR, Tajuddin SM, Schick UM, Slater AJ, Pankratz N, Polfus L, Schurmann C, Giri A, Brody JA, Lange LA, Manichaikul A, Hill WD, Pazoki R, Elliot P, Evangelou E, Tzoulaki I, Gao H, Vergnaud AC, Mathias RA, Becker DM, Becker LC, Burt A, Crosslin DR, Lyytikäinen LP, Nikus K, Hernesniemi J, Kähönen M, Raitoharju E, Mononen N, Raitakari OT, Lehtimäki T, Cushman M, Zakai NA, Nickerson DA, Raffield LM, Quarells R, Willer CJ, Peloso GM, Abecasis GR, Liu DJ; Global Lipids Genetics Consortium,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

Deloukas P, Samani NJ, Schunkert H, Erdmann J; CARDIoGRAM Exome Consortium; Myocardial Infarction Genetics Consortium, Fornage M, Richard M, Tardif JC, Rioux JD, Dube MP, de Denus S, Lu Y, Bottinger EP, Loos RJ, Smith AV, Harris TB, Launer LJ, Gudnason V, Velez Edwards DR, Torstenson ES, Liu Y, Tracy RP, Rotter JI, Rich SS, Highland HM, Boerwinkle E, Li J, Lange E, Wilson JG, Mihailov E, Mägi R, Hirschhorn J, Metspalu A, Esko T, Vacchi-Suzzi C, Nalls MA, Zonderman AB, Evans MK, Engström G, Orho-Melander M, Melander O, O'Donoghue ML, Waterworth DM, Wallentin L, White HD, Floyd JS, Bartz TM, Rice KM, Psaty BM, Starr JM, Liewald DC, Hayward C, Deary IJ, Greinacher A, Völker U, Thiele T, Völzke H, van Rooij FJ, Uitterlinden AG, Franco OH, Dehghan A, Edwards TL, Ganesh SK, Kathiresan S, Faraday N, Auer PL, Reiner AP, Lettre G, Johnson AD. Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *Am J Hum Genet.* 2016 Jul 7;99(1):40-55. doi: 10.1016/j.ajhg.2016.05.005. Epub 2016 Jun 23.

<http://www.ncbi.nlm.nih.gov/pubmed/27346686>

75. Chami N, Chen MH, Slater AJ, Eicher JD, Evangelou E, Tajuddin SM, Love-Gregory L, Kacprowski T, Schick UM, Nomura A, Giri A, Lessard S, Brody JA, Schurmann C, Pankratz N, Yanek LR, Manichaikul A, Pazoki R, Mihailov E, Hill WD, Raffield LM, Burt A, Bartz TM, Becker DM, Becker LC, Boerwinkle E, Bork-Jensen J, Bottinger EP, O'Donoghue ML, Crosslin DR, de Denus S, Dubé MP, Elliott P, Engström G, Evans MK, Floyd JS, Fornage M, Gao H, Greinacher A, Gudnason V, Hansen T, Harris TB, Hayward C, Hernesniemi J, Highland HM, Hirschhorn JN, Hofman A, Irvin MR, Kähönen M, Lange E, Launer LJ, Lehtimäki T, Li J, Liewald DC, Linneberg A, Liu Y, Lu Y, Lyytikäinen LP, Mägi R, Mathias RA, Melander O, Metspalu A, Mononen N, Nalls MA, Nickerson DA, Nikus K, O'Donnell CJ, Orho-Melander M, Pedersen O, Petersmann A, Polfus L, Psaty BM, Raitakari OT, Raitoharju E, Richard M, Rice KM, Rivadeneira F, Rotter JI, Schmidt F, Smith AV, Starr JM, Taylor KD, Teumer A, Thuesen BH, Torstenson ES, Tracy RP, Tzoulaki I, Zakai NA, Vacchi-Suzzi C, van Duijn CM, van Rooij FJ, Cushman M, Deary IJ, Velez Edwards DR, Vergnaud AC, Wallentin L, Waterworth DM, White HD, Wilson JG, Zonderman AB, Kathiresan S, Grarup N, Esko T, Loos RJ, Lange LA, Faraday N, Abumrad NA, Edwards TL, Ganesh SK, Auer PL, Johnson AD, Reiner AP, Lettre G. Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. *Am J Hum Genet.* 2016 Jul 7;99(1):8-21. doi: 10.1016/j.ajhg.2016.05.007. Epub 2016 Jun 23. <http://www.ncbi.nlm.nih.gov/pubmed/27346685>
76. Liu CT, Raghavan S, Maruthur N, Kabagambe EK, Hong J, Ng MC, Hivert MF, Lu Y, An P, Bentley AR, Drolet AM, Gaulton KJ, Guo X, Armstrong LL, Irvin MR, Li M, Lipovich L, Rybin DV, Taylor KD, Agyemang C, Palmer ND, Cade BE, Chen WM, Dauriz M, Delaney JA, Edwards TL, Evans DS, Evans MK, Lange LA, Leong A, Liu J, Liu Y, Nayak U, Patel SR, Porneala BC, Rasmussen-Torvik LJ, Snijder MB, Stallings SC, Tanaka T, Yanek LR, Zhao W, Becker DM, Bielak LF, Biggs ML, Bottinger EP, Bowden DW, Chen G, Correa A, Couper DJ, Crawford DC, Cushman M, Eicher JD, Fornage M, Franceschini N, Fu YP, Goodarzi MO, Gottesman O, Hara K, Harris TB, Jensen RA, Johnson AD, Jhun MA, Karter AJ, Keller MF, Kho AN, Kizer JR, Krauss RM, Langefeld CD, Li X, Liang J, Liu S, Lowe WL Jr, Mosley TH, North KE, Pacheco JA, Peyser PA, Patrick AL, Rice KM, Selvin E, Sims M, Smith JA, Tajuddin SM, Vaidya D, Wren MP, Yao J, Zhu X, Ziegler JT, Zmuda JM, Zonderman AB, Zwinderman AH; AAAG Consortium; CARE Consortium; COGENT-BP Consortium; eMERGE Consortium; MEDIA Consortium, Adeyemo A, Boerwinkle E, Ferrucci L, Hayes MG, Kardia SL,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- Miljkovic I, Pankow JS, Rotimi CN, Sale MM, Wagenknecht LE, Arnett DK, Chen YI, Nalls MA; MAGIC Consortium, Province MA, Kao WH, Siscovick DS, Psaty BM, Wilson JG, Loos RJ, Dupuis J, Rich SS, Florez JC, Rotter JI, Morris AP, Meigs JB. Trans-ethnic Meta-Analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. *Am J Hum Genet.* 2016 Jul 7;99(1):56-75. doi: 10.1016/j.ajhg.2016.05.006. Epub 2016 Jun 16. <http://www.ncbi.nlm.nih.gov/pubmed/27321945>
77. Jankowich MD, Wu WC, Choudhary G. Association of Elevated Plasma Endothelin-1 Levels with Pulmonary Hypertension, Mortality, and Heart Failure in African American Individuals The Jackson Heart Study. *JAMA Cardiol.* 2016 Jul 1;1(4):461-9. doi: 10.1001/jamacardio.2016.0962. Epub 2016 June 8. <http://www.ncbi.nlm.nih.gov/pubmed/27438323>
78. Johnson DA, Lisabeth L, Lewis TT, Sims M, Hickson DA, Samdarshi T, Taylor H, Diez Roux AV. The Contribution of Psychosocial Stressors to Sleep Among African Americans in the Jackson Heart Study. *Sleep.* 2016 Jul 1;39(7):1411-9. doi: 10.5665/sleep.5974. Epub 2016 May 3. pii: sp-00568-15. <http://www.ncbi.nlm.nih.gov/pubmed/27166234>
79. Foraker RE, Greiner M, Sims M, Tucker KL, Towfighi A, Bidulescu A, Shoben AB, Smith S, Talegawkar S, Blackshear C, Wang W, Hardy NC, O'Brien E. Comparison of risk scores for the prediction of stroke in African Americans: Findings from the Jackson Heart Study. *Am Heart J.* 2016 Jul;177:25-32. doi: 10.1016/j.ahj.2016.04.007. Epub 2016 Apr 17. <http://www.ncbi.nlm.nih.gov/pubmed/27297846>
80. Abdalla M, Booth Iii JN, Diaz KM, Sims M, Muntner P, Shimbo D. Hypertension and alterations in left ventricular structure and geometry in African Americans: the Jackson Heart Study. *J Am Soc Hypertens.* 2016 Jul;10(7):550-558.e10. doi: 10.1016/j.jash.2016.05.010. Epub 2016 Jun 2. <http://www.ncbi.nlm.nih.gov/pubmed/27339075>
81. Abdalla M, Booth JN 3rd, Seals SR, Spruill TM, Viera AJ, Diaz KM, Sims M, Muntner P, Shimbo D. Masked Hypertension and Incident Clinic Hypertension Among Blacks in the Jackson Heart Study. *Hypertension.* 2016 Jul;68(1):220-6. doi: 10.1161/HYPERTENSIONAHA.115.06904. Epub 2016 May 16. <http://www.ncbi.nlm.nih.gov/pubmed/27185746>
82. van Leeuwen EM, Sabo A, Bis JC, Huffman JE, Manichaikul A, Smith AV, Feitosa MF, Demissie S, Joshi PK, Duan Q, Marten J, van Klinken JB, Surakka I, Nolte IM, Zhang W, Mbarek H, Li-Gao R, Trompet S, Verweij N, Evangelou E, Lyytikäinen LP, Tayo BO, Deelen J, van der Most PJ, van der Laan SW, Arking DE, Morrison A, Dehghan A, Franco OH, Hofman A, Rivadeneira F, Sijbrands EJ, Uitterlinden AG, Mychaleckyj JC, Campbell A, Hocking LJ, Padmanabhan S, Brody JA, Rice KM, White CC, Harris T, Isaacs A, Campbell H, Lange LA, Rudan I, Kolcic I, Navarro P, Zemunik T, Salomaa V; LifeLines Cohort Study, Kooner AS, Kooner JS, Lehne B, Scott WR, Tan ST, de Geus EJ, Milaneschi Y, Penninx BW, Willemsen G, de Mutsert R, Ford I, Gansevoort RT, Segura-Lepe MP, Raitakari OT, Viikari JS, Nikus K, Forrester T, McKenzie CA, de Craen AJ, de Ruijter HM, Pasterkamp G, Snieder H, Oldehinkel AJ, Slagboom PE, Cooper RS, Kähönen M, Lehtimäki T, Elliott P, van der Harst P, Jukema JW, Mook-Kanamori DO, Boomsma DI, Chambers JC, Swertz M, Ripatti S, Willems van Dijk K, Vitart V, Polasek O, Hayward C, Wilson JG, Wilson JF, Gudnason V, Rich SS, Psaty BM, Borecki IB, Boerwinkle E, Rotter JI, Cupples LA, van Duijn CM. Meta-analysis of 49 549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in ANGPTL4 determining fasting TG levels. *J Med Genet.* 2016 Jul;53(7):441-9. doi:

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- 10.1136/jmedgenet-2015-103439. Epub 2016 Apr 1.  
<http://www.ncbi.nlm.nih.gov/pubmed/27036123>
83. Davis SK, Xu R, Riestra P, Gebreab SY, Khan RJ, Gaye A, Hickson D, Sims M, Bidulescu A. Association of adiponectin and socioeconomic status in African American men and women: the Jackson heart study. *BMC Public Health*. Epub 2016 June 14;16(1):511. doi: 10.1186/s12889-016-3167-x. <http://www.ncbi.nlm.nih.gov/pubmed/27301295>
84. Weaver AM, Wellenius GA, Wu WC, Hickson DA, Kamalesh M, Wang Y. Residential Proximity to Major Roadways Is Not Associated with Cardiac Function in African Americans: Results from the Jackson Heart Study. *Int J Environ Res Public Health*. 2016 Jun 13;13(6). pii: E581. doi: 10.3390/ijerph13060581. <http://www.ncbi.nlm.nih.gov/pubmed/27304962>
85. Khera AV, Won HH, Peloso GM, Lawson KS, Bartz TM, Deng X, van Leeuwen EM, Natarajan P, Emdin CA, Bick AG, Morrison AC, Brody JA, Gupta N, Nomura A, Kessler T, Duga S, Bis JC, van Duijn CM, Cupples LA, Psaty B, Rader DJ, Danesh J, Schunkert H, McPherson R, Farrall M, Watkins H, Lander E, Wilson JG, Correa A, Boerwinkle E, Merlini PA, Ardissino D, Saleheen D, Gabriel S, Kathiresan S. Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients with Severe Hypercholesterolemia. *J Am Coll Cardiol*. 2016 Jun 7;67(22):2578-89. doi: 10.1016/j.jacc.2016.03.520. Epub 2016 Apr 3. <http://www.ncbi.nlm.nih.gov/pubmed/27050191>
86. Hansen ME, Hunt SC, Stone RC, Horvath K, Herbig U, Ranciaro A, Hirbo J, Beggs W, Reiner AP, Wilson JG, Kimura M, De Vivo I, Chen MM, Kark JD, Levy D, Nyambo T, Tishkoff SA, Aviv A. Shorter telomere length in Europeans than in Africans due to polygenetic adaptation. *Hum Mol Genet*. 2016 Jun 1;25(11):2324-2330. Epub 2016 Mar 2. <http://www.ncbi.nlm.nih.gov/pubmed/26936823>
87. Gurka MJ, Vishnu A, Okereke OI, Musani S, Sims M, DeBoer MD. Depressive symptoms are associated with worsened severity of the metabolic syndrome in African American women independent of lifestyle factors: A consideration of mechanistic links from the Jackson heart study. *Psychoneuroendocrinology*. 2016 Jun;68:82-90. doi: 10.1016/j.psyneuen.2016.02.030. Epub 2016 Mar 3. <http://www.ncbi.nlm.nih.gov/pubmed/26963374>
88. Djousse L, Petrone AB, Hickson DA, Talegawkar SA, Dubbert PM, Taylor H, Tucker KL. Egg consumption and risk of type 2 diabetes among African Americans: the Jackson Heart Study. *Clinical Nutrition*. 2016 June;35(3): 679–684. doi: 10.1016/j.clnu.2015.04.016. Epub 2015 April 30. <http://www.sciencedirect.com/science/article/pii/S0261561415001260>
89. Hall ME, Wang W, Okhomba V, Agarwal M, Hall JE, Dreisbach AW, Juncos LA, Winniford MD, Payne TJ, Robertson RM, Bhatnagar A, Young BA. Cigarette Smoking and Chronic Kidney Disease in African Americans in the Jackson Heart Study. *J Am Heart Assoc*. 2016 May 25;5(6). pii: e003280. doi: 10.1161/JAHA.116.003280. <http://www.ncbi.nlm.nih.gov/pubmed/27225196>
90. Horikoshi M, Pasquali L, Wiltshire S, Huyghe JR, Mahajan A, Asimit JL, Ferreira T, Locke AE, Robertson NR, Wang X, Sim X, Fujita H, Hara K, Young R, Zhang W, Choi S, Chen H, Kaur I, Takeuchi F, Fontanillas P, Thuillier D, Yengo L, Below JE, Tam CH, Wu Y, Abecasis G, Altshuler D, Bell GI, Blangero J, Burt NP, Duggirala R, Florez JC, Hanis CL, Seielstad M, Atzmon G, Chan JC, Ma RC, Froguel P, Wilson JG, Bharadwaj D, Dupuis J, Meigs JB, Cho YS, Park T, Kooner JS, Chambers JC, Saleheen D, Kadowaki T, Tai ES, Mohlke KL, Cox NJ, Ferrer J, Zeggini E, Kato N, Teo

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- YY, Boehnke M, McCarthy MI, Morris AP; T2D-GENES Consortium. Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. *Hum Mol Genet.* 2016 May 15;25(10):2070-2081. 2016 Feb 23. pii: ddw048. [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/26911676>
91. Bromfield SG, Shimbo D, Bertoni AG, Sims M, Carson AP, Muntner P. Ambulatory blood pressure monitoring phenotypes among individuals with and without diabetes taking antihypertensive medication: the Jackson Heart Study. *J Hum Hypertens.* 2016 May 12. doi: 10.1038/jhh.2016.27. [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/27169827>
92. Naik RP, Wilson JG, Ekunwe L, Mwasongwe S, Duan Q, Li Y, Correa A, Reiner AP. Elevated D-dimer Levels in African Americans with Sickle Cell Trait. *Blood.* 2016 May 5;127(18):2261-3. doi: 10.1182/blood-2016-01-694422. Epub 2016 Mar 11. <http://www.ncbi.nlm.nih.gov/pubmed/26968536>
93. E Olfson, NL Saccone, EO Johnson, L-S Chen, R Culverhouse, K Doheny, SM Foltz, L Fox, SM Gogarten, S Hartz, K Hetrick, CC Laurie, B Marosy, N Amin, D Arnett, RG Barr, TM Bartz, S Bertelsen, IB Borecki, MR Brown DI Chasman, CM van Duijn, MF Feitosa, ER Fox, N Franceschini, OH Franco, ML Grove, X Guo, A Hofman, SLR Kardia, AC Morrison, SK Musani, BM Psaty, DC Rao, AP Reine, K Rice, PM Ridker, LM Rose, UM Schick, K Schwander, AG Uitterlinden, D Vojinovic, J-C Wang, EB Ware, G Wilson, J Yao, W Zhao, N Breslau, D Hatsukami, JA Stitzel, J Rice, A Goate and LJ Bierut. Rare, low frequency and common coding variants in CHRNA5 and their contribution to nicotine dependence in European and African Americans. *Mol Psychiatry.* 2016 May;21(5):601-7. doi: 10.1038/mp.2015.105. Epub 2015 Aug 4. <http://www.ncbi.nlm.nih.gov/pubmed/26239294>
94. May HT, Nelson JR, Lirette ST, Kulkarni KR, Anderson JL, Griswold ME, Horne BD, Correa A, Muhlestein JB. The utility of the apolipoprotein A1 remnant ratio in predicting incidence coronary heart disease in a primary prevention cohort: The Jackson Heart Study. *Eur J Prev Cardiol.* 2016 May;23(7):769-76. doi: 10.1177/2047487315612733. Epub 2015 Oct 19. <http://www.ncbi.nlm.nih.gov/pubmed/26481445>
95. Wong ND, Zhao Y, Patel R, Patao C, Malik S, Bertoni AG, Correa A, Folsom AR, Kachroo S, Mukherjee J, Taylor H, Selvin E. Cardiovascular Risk Factor Targets and Cardiovascular Disease Event Risk in Diabetes, a Pooling Project of the Atherosclerosis Risk in Communities Study, Multi-Ethnic Study of Atherosclerosis, and Jackson Heart Study. *Diabetes Care.* 2016 May;39(5):668-76. doi: 10.2337/dc15-2439. Epub 2016 Mar 29. <http://www.ncbi.nlm.nih.gov/pubmed/27208374>
96. Beech BM, Bruce MA, Crump ME, Hamilton GE. The Jackson Heart KIDS Pilot Study: Theory-Informed Recruitment in an African American Population. *J Racial Ethn Health Disparities.* 2016 Apr 29. [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/27129858>
97. Joshi PH, Khokhar AA, Massaro JM, Lirette ST, Griswold ME, Martin SS, Blaha MJ, Kulkarni KR, Correa A, D'Agostino RB Sr, Jones SR, Toth PP; Lipoprotein Investigators Collaborative (LIC) Study Group. Remnant Lipoprotein Cholesterol and Incident Coronary Heart Disease: The Jackson Heart and Framingham Offspring Cohort Studies. *J Am Heart Assoc.* 2016 Apr 29;5(5). pii: e002765. doi: 10.1161/JAHA.115.002765. <http://www.ncbi.nlm.nih.gov/pubmed/27130348>
98. Fox ER, Samdarshi TE, Musani SK, Pencina MJ, Sung JH, Bertoni AG, Xanthakis V, Balfour PC Jr,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- Shreenivas SS, Covington C, Liebson PR, Sarpong DF, Butler KR, Mosley TH, Rosamond WD, Folsom AR, Herrington DM, Vasani RS, Taylor HA. Development and Validation of Risk Prediction Models for Cardiovascular Events in Black Adults: The Jackson Heart Study Cohort. *JAMA Cardiol.* 2016 Apr 1;1(1):15-25. doi: 10.1001/jamacardio.2015.0300. Epub 2016 Feb 24.  
<http://www.ncbi.nlm.nih.gov/pubmed/27437649>
99. Taveira TH, Ouellette D, Gulum A, Choudhary G, Eaton CB, Liu S, Wu WC. Relation of Magnesium Intake With Cardiac Function and Heart Failure Hospitalizations in Black Adults: The Jackson Heart Study. *Circ Heart Fail.* 2016 Apr;9(4). pii: e002698. doi: 10.1161/CIRCHEARTFAILURE.115.002698. <http://www.ncbi.nlm.nih.gov/pubmed/27056880>
100. Joseph JJ, Echouffo-Tcheugui JB, Kalyani RR, Yeh HC, Bertoni AG, Effoe VS, Casanova R, Sims M, Correa A, Wu WC, Wand GS, Golden SH. Aldosterone, Renin and Diabetes Mellitus in African Americans: The Jackson Heart Study. *J Clin Endocrinol Metab.* 2016 Apr;101(4):1770-8. doi: 10.1210/jc.2016-1002. Epub 2016 Feb 23. <http://www.ncbi.nlm.nih.gov/pubmed/26908112>
101. Redmond N, Booth JN 3rd, Tanner RM, Diaz KM, Abdalla M, Sims M, Muntner P, Shimbo D. Prevalence of Masked Hypertension and Its Association With Subclinical Cardiovascular Disease in African Americans: Results From the Jackson Heart Study. *J Am Heart Assoc.* 2016 Mar 29;5(3). pii: e002284. doi: 10.1161/JAHA.115.002284.  
<http://www.ncbi.nlm.nih.gov/pubmed/27025968>
102. Barber S, Hickson DA, Kawachi I, Subramanian SV, Earls F. Double-jeopardy: The joint impact of neighborhood disadvantage and low social cohesion on cumulative risk of disease among African American men and women in the Jackson Heart Study. *Soc Sci Med.* 2016 Mar;153:107-15. doi: 10.1016/j.socscimed.2016.02.001. Epub 2016 Feb 3.  
<http://www.ncbi.nlm.nih.gov/pubmed/26894941>
103. Sung JH, Yeboah J, Lee JE, Smith CL, Terry JG, Sims M, Samdarshi T, Musani S, Fox E, Ge Y, Wilson JG, Taylor HA, Carr JJ. Diagnostic Value of Coronary Artery Calcium Score for Cardiovascular Disease in African Americans: The Jackson Heart Study. *Br J Med Med Res.* 2016 Mar;11(2). pii: BJMMR/2016/21449. Epub 2015 Sep 21.  
<http://www.ncbi.nlm.nih.gov/pubmed/26949662>
104. Diaz KM, Booth JN 3rd, Seals SR, Hooker SP, Sims M, Dubbert PM, Muntner P, Shimbo D. Sedentary behavior and subclinical atherosclerosis in African Americans: cross-sectional analysis of the Jackson heart study. *Int J Behav Nutr Phys Act.* 2016 Mar 1;13(1):31. doi: 10.1186/s12966-016-0349-y. <http://www.ncbi.nlm.nih.gov/pubmed/26928285>
105. Sims M, Diez-Roux AV, Gebreab SY, Brenner A, Dubbert P, Wyatt S, Bruce M, Hickson D, Payne T, Taylor H. Perceived discrimination is associated with health behaviours among African-Americans in the Jackson Heart Study. *J Epidemiol Community Health.* 2016 Feb;70(2):187-94. doi: 10.1136/jech-2015-206390. Epub 2015 Sep 28.  
<http://www.ncbi.nlm.nih.gov/pubmed/26417003>
106. Staples J, Ekunwe L, Lange E, Wilson JG, Nickerson DA, Below JE. PRIMUS: improving pedigree reconstruction using mitochondrial and Y haplotypes. *Bioinformatics.* 2016 Feb 15;32(4):596-8. doi: 10.1093/bioinformatics/btv618. Epub 2015 Oct 29.  
<http://www.ncbi.nlm.nih.gov/pubmed/26515822>
107. Tanner RM, Shimbo D, Seals SR, Reynolds K, Bowling CB, Ogedegbe G, Muntner P.

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 04-06-2017)

- White-Coat Effect Among Older Adults: Data From the Jackson Heart Study. *J Clin Hypertens* (Greenwich). 2016 Feb;18(2):139-45. doi: 10.1111/jch.12644. Epub 2015 Aug 17.  
<http://www.ncbi.nlm.nih.gov/pubmed/26279070>
108. Yu B, Pulit SL, Hwang SJ, Brody JA, Amin N, Auer PL, Bis JC, Boerwinkle E, Burke GL, Chakravarti A, Correa A, Dreisbach AW, Franco OH, Ehret GB, Franceschini N, Hofman A, Lin DY, Metcalf GA, Musani SK, Muzny D, Palmas W, Raffel L, Reiner A, Rice K, Rotter JI, Veeraraghavan N, Fox E, Guo X, North KE, Gibbs RA, van Duijn CM, Psaty BM, Levy D, Newton-Cheh C, Morrison AC; Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium; National Heart, Lung, and Blood Institute GO Exome Sequencing Project. Rare Exome Sequence Variants in CLCN6 Reduce Blood Pressure Levels and Hypertension Risk. *Circ Cardiovasc Genet*. 2016 Feb;9(1):64-70. doi: 10.1161/CIRCGENETICS.115.001215. Epub 2015 Dec 11.  
<http://www.ncbi.nlm.nih.gov/pubmed/26658788>
109. Wang W, Shen G, Shahar E, Bidulescu A, Kimberly WT, Sheth KN, Campbell BW, Horbal S, Correa A, Griswold ME. Forced Expiratory Volume in the First Second and Aldosterone as Mediators of Smoking Effect on Stroke in African Americans: The Jackson Heart Study. *J Am Heart Assoc*. 2016 Jan 27;5(1). pii: e002689. doi: 10.1161/JAHA.115.002689.  
<http://www.ncbi.nlm.nih.gov/pubmed/26819252>
110. Booth lli JN, Redmond N, Sims M, Shimbo D, Muntner P. The association of reduced lung function with blood pressure variability in African Americans: data from the Jackson Heart Study. *BMC Cardiovasc Disord*. 2016 Jan 12;16(1):6. doi: 10.1186/s12872-015-0182-2.  
<http://www.ncbi.nlm.nih.gov/pubmed/26754344>
111. Cade BE, Gottlieb DJ, Lauderdale DS, Bennett DA, Buchman AS, Buxbaum SG, De Jager PL, Evans DS, Fülöp T, Gharib SA, Johnson WC, Kim H, Larkin EK, Lee SK, Lim AS, Punjabi NM, Shin C, Stone KL, Tranah GJ, Weng J, Yaffe K, Zee PC, Patel SR, Zhu X, Redline S, Saxena R. Common variants in DRD2 are associated with sleep duration: the CARE consortium. *Hum Mol Genet*. 2016 Jan 1;25(1):167-79. doi: 10.1093/hmg/ddv434. Epub 2015 Oct 13.  
<http://www.ncbi.nlm.nih.gov/pubmed/26464489>
112. Joshi PH, Toth PP, Lirette ST, Griswold ME, Massaro JM, Martin SS, Blaha MJ, Kulkarni KR, Khokhar AA, Correa A, D'Agustino RB Sr, Jones SR; on behalf of the Lipoprotein Investigators Collaborative (LIC) Study Group. Association of high-density lipoprotein subclasses and incident coronary heart disease: The Jackson Heart and Framingham Offspring Cohort Studies. *Eur J Prev Cardiol*. 2016 Jan;23(1):41-9. doi: 10.1177/2047487314543890. Epub 2014 Jul 25.  
<http://www.ncbi.nlm.nih.gov/pubmed/25062744>