

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

### Year 2017

1. Basu S, Sussman JB, Berkowitz SA, Hayward RA, Bertoni AG, Correa A, Mwasongwe S, Yudkin JS. Validation of risk equations for complications of type 2 diabetes (RECODE) using individual participant data from diverse longitudinal cohorts in the U.S. *Diabetes Care*. 2017 Dec 21. pii: dc172002. doi: 10.2337/dc17-2002. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/29269511>
2. Parikh KS, Greiner MA, Wang W, Min Yi, Correa A, Banahan BF, Curtis LH, Hernandez AF, O'Brien EC, Mentz RJ. Representativeness of medicare participants in the Jackson Heart Study for African American medicare beneficiaries. *Epidemiology*. 2017 Sep;28(5):740-746. doi: 10.1097/EDE.0000000000000689. <https://www.ncbi.nlm.nih.gov/pubmed/28768301>
3. Joseph JJ, Echouffo-Tcheugui JB, Kalyani RR, Yeh HC, Bertoni AG, Effoe VS, Casanova R, Sims M, Wu WC, Wand GS, Correa A, Golden SH. Aldosterone, renin, cardiovascular events, and all-cause mortality among African Americans: The Jackson Heart Study. *JACC Heart Fail*. 2017 Sep;5(9):642-651. doi: 10.1016/j.jchf.2017.05.012. Epub 2017 Aug 16. <https://www.ncbi.nlm.nih.gov/pubmed/28822744>
4. Olivo RE, Davenport CA, Diamantidis CJ, Bhavsar NA, Tyson CC, Hall R, Bidulescu A, Young B, Mwasongwe SE, Pendergast J, Boulware LE, Scialla JJ. Obesity and synergistic risk factors for chronic kidney disease in African American adults: the Jackson Heart Study. *Nephrol Dial Transplant*. 2017 Aug 30. doi: 10.1093/ndt/gfx230. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/28992354>
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. Butler MJ, Tanner RM, Muntner P, Shimbo D, Bress AP, Shallcross AJ, Sims M, Ogedegbe G, Spruill TM. Adherence to antihypertensive medications and associations with blood pressure among African Americans with hypertension in the Jackson Heart Study. *J Am Soc Hypertens*. 2017 Sep;11(9):581-588.e5. doi: 10.1016/j.jash.2017.06.011. Epub 2017 Jul 6. <https://www.ncbi.nlm.nih.gov/pubmed/28895842>
7. Bromfield SG, Booth JN 3rd, Loop MS, Schwartz JE<sup>5</sup>, Seals SR, Thomas SJ, Min Y, Ogedegbe G, Shimbo D, Muntner P. Evaluating different criteria for defining a complete ambulatory blood pressure monitoring recording: data from the Jackson Heart Study. *Blood Press Monit*. 2017 Dec 13. doi: 10.1097/MBP.0000000000000309. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/29240564>
8. Bress AP, Colantonio LD, Booth JN 3rd, Spruill TM, Ravenell J, Butler M, Shallcross AJ, Seals SR, Reynolds K, Ogedegbe G, Shimbo D, Muntner P. Modifiable risk factors versus age on developing high predicted cardiovascular disease risk in Blacks. *J Am Heart Assoc*. 2017 Feb 8;6(2). pii: e005054. doi: 10.1161/JAHA.116.00505. <https://www.ncbi.nlm.nih.gov/pubmed/?term=28179220>
9. Bansal N, Zelnick LR, Alonso A, Benjamin EJ, de Boer IH, Deo R, Katz R, Kestenbaum B, Mathew J, Robinson-Cohen C, Sarnak MJ, Shlipak MG, Sotoodehnia N, Young B, Heckbert SR. eGFR and albuminuria in relation to risk of incident atrial fibrillation: a meta-analysis of the Jackson Heart Study, the Multi-Ethnic Study of Atherosclerosis, and the Cardiovascular Health Study. *Clin J Am Soc Nephrol*. 2017 Sep 7;12(9):1386-1398. doi: 10.2215/CJN.01860217. Epub 2017 Aug 10. <https://www.ncbi.nlm.nih.gov/pubmed/28798221>

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10. Edwards MK, Addoh O, Sng E, Ikuta T, Carithers T, Bertoni AG, Loprinzi PD. Physical activity, body mass index and waist circumference change, and normal-range glycated hemoglobin on incident diabetes: Jackson Heart Study. *Postgrad Med*. 2017 Nov;129(8):842-848. doi: 10.1080/00325481.2017.1358065. Epub 2017 Jul 26. <https://www.ncbi.nlm.nih.gov/pubmed/28730854>
11. Egbuche O, Millard HR, Renelus B, Maihemuti A, Musani SK, Fox ER, Liu J, Taylor HA, Bidulescu A. Serum ferritin levels in Blacks without known cardiovascular disease (from the Jackson Heart Study). *Am J Cardiol*. 2017 Nov 1;120(9):1533-1540. doi: 10.1016/j.amjcard.2017.07.045. Epub 2017 Jul 31. <https://www.ncbi.nlm.nih.gov/pubmed/28865891>
12. Glover LM, Sims M, Winters K. Perceived discrimination and reported trust and satisfaction with providers in African Americans: The Jackson Heart Study. *Ethn Dis*. 2017 Jul 20;27(3):209-216. doi: 10.18865/ed.27.3.209. eCollection 2017 Summer. <https://www.ncbi.nlm.nih.gov/pubmed/28811731>
13. Koo P, Gjelsvik A, Choudhary G, Wu WC, Wang W, McCool FD, Eaton CB. Prospective association of physical activity and heart failure hospitalizations among Black Adults with normal ejection fraction: The Jackson Heart Study. *J Am Heart Assoc*. 2017 Sep 7;6(9). pii: e006107. doi: 10.1161/JAHA.117.006107 <https://www.ncbi.nlm.nih.gov/pubmed/28882818>
14. Min YI, Anugu P, Butler KR, Hartley TA, Mwasongwe S, Norwood AF, Sims M, Wang W, Winters KP, Correa A. Cardiovascular disease burden and socioeconomic correlates: findings from the Jackson Heart Study. *J Am Heart Assoc*. 2017 Aug 4;6(8). pii: e004416. doi: 10.1161/JAHA.116.004416. <https://www.ncbi.nlm.nih.gov/pubmed/28778943>
15. Kent ST, Rosenson RS, Avery CL, Chen YI, Correa A, Cummings SR, Cupples LA, Cushman M, Evans DS, Gudnason V, Harris TB, Howard G, Irvin MR, Judd SE, Jukema JW, Lange L, Levitan EB, Li X, Liu Y, Post WS, Postmus I, Psaty BM, Rotter JI, Safford MM, Sitlani CM, Smith AV, Stewart JD, Trompet S, Sun F<sup>1</sup>, Vasan RS, Woolley JM, Whitsel EA, Wiggins KL, Wilson JG, Muntner P. PCSK9 loss-of-function variants, low-density lipoprotein cholesterol, and risk of coronary heart disease and stroke: data from 9 studies of blacks and whites. *Circ Cardiovasc Genet*. 2017 Aug;10(4):e001632. doi: 10.1161/CIRCGENETICS.116.001632. <https://www.ncbi.nlm.nih.gov/pubmed/28768753>
16. Kumar A, Blackshear C, Subauste JS, Esfandiari NH, Oral EA, Subauste AR. Fatty liver disease, women, and aldosterone: finding a link in the Jackson Heart Study. *J Endocr Soc*. 2017 Mar 22;1(5):460-469. doi: 10.1210/js.2017-00055. eCollection 2017 May 1. <https://www.ncbi.nlm.nih.gov/pubmed/29264501>
17. Tanner RM, Shimbo D, Irvin MR, Spruill TM, Bromfield SG, Seals SR, Young BA, Muntner P. Chronic kidney disease and incident apparent treatment-resistant hypertension among blacks: Data from the Jackson Heart Study. *J Clin Hypertens (Greenwich)*. 2017 Nov;19(11):1117-1124. doi: 10.1111/jch.13065. Epub 2017 Sep 17. <https://www.ncbi.nlm.nih.gov/pubmed/28921875>
18. Mwasongwe S, Gao Y, Griswold M, Wilson JG, Aviv A, Reiner AP, Raffield LM. Leukocyte telomere length and cardiovascular disease in African Americans: The Jackson Heart Study. *Atherosclerosis*. 2017 Nov;266:41-47. doi: 10.1016/j.atherosclerosis.2017.09.016. Epub 2017 Sep 15. <https://www.ncbi.nlm.nih.gov/pubmed/28950166>
19. Raffield LM, Zakai NA, Duan Q, Laurie C, Smith JD, Irvin MR, Doyle MF, Naik RP, Song C, Manichaikul AW, Liu Y, Durda P, Rotter JI, Jenny NS, Rich SS, Wilson JG, Johnson AD, Correa A, Li Y, Nickerson DA, Rice K, Lange EM, Cushman M, Lange LA, Reiner A; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Hematology & Hemostasis TOPMed Working Group. D-dimer in African Americans: whole genome sequence analysis and relationship to cardiovascular disease risk in the Jackson Heart Study. *Arterioscler Thromb Vasc Biol*. 2017 Nov;37(11):2220-2227. doi: 10.1161/ATVBAHA.117.310073. Epub 2017 Sep 14. <https://www.ncbi.nlm.nih.gov/pubmed/28912365>

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20. Sorrel JE, Bishop CE, Spankovich C, Su D, Valle K, Seals S, Schweinfurth JM. Relationship of stroke risk and hearing loss in African Americans: The Jackson Heart Study. *Laryngoscope*. 2017 Oct 9. doi: 10.1002/lary.26896. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/28990660>
21. Rainer Malik , Ganesh Chauhan, Matthew Traylor , Muralidharan Sargurupremraj , Yukinori Okada Aniket Mishra, Loes Rutten-Jacobs, Anne-Katrin Giese, Sander W van der Laan, Solveig Gretarsdottir Christopher D Anderson, Michael Chong , Hieab HH Adams , Tetsuro Ago , Peter Almgren , Philippe Amouyel, Hakan Ay, Traci M Bartz, Oscar R Benavente , Steve Bevan , Giorgio B Boncoraglio , Robert D Brown, Jr. , Adam S Butterworth, Caty Carrera , Cara L Carty , Daniel I Chasman , Wei-Min Chen , John W Cole, Adolfo Correa, Ioana Cotlarciuc , Carlos Cruchaga, John Danesh, Paul IW de Bakker, Anita L DeStefano, Marcel den Hoed Qing Duan , Stefan T Engelter, Guido J Falcone, Rebecca F Gottesman, Raji P Grewal<sup>3</sup>, Vilmundur Gudnason , Stefan Gustafsson , Jeffrey Haessler, Tamara B Harris , Ahamad Hassan, Aki S Havulinna, Susan R Heckbert, Elizabeth G Holliday, George Howard, Fang-Chi Hsu, Hyacinth I Hyacinth, M Arfan Ikram, Erik Ingelsson, Marguerite R Irvin, Xueqiu Jian Jordi Jiménez-Conde , Julie A Johnson, J Wouter Jukema, Masahiro Kanai , Keith L Keene, Brett M Kissela , Dawn O Kleindorfer, Charles Kooperberg, Michiaki Kubo, Leslie A Lange, Carl D Langefeld, Claudia Langenberg , Lenore J Launer, Jin-Moo Lee, Robin Lemmens, Didier Leys, Cathryn M Lewis, Wei-Yu Lin, Arne G Lindgren, Erik Lorentzen, Patrik K Magnusson, Jane Maguire, Ani Manichaikul, Patrick F McArdle, James F Meschia, Braxton D Mitchell, Thomas H Mosley, Michael A Nalls, Toshiharu Ninomiya, Martin J O'Donnell, Bruce M Psaty, Sara L Pulit , Kristiina Rannikmäe, Alexander P Reiner, Kathryn M Rexrode, Kenneth Rice, Stephen S Rich, Paul M Ridker , Natalia S Rost, Peter M Rothwell, Jerome I Rotter, Tatjana Rundek, Ralph L Sacco, Saori Sakaue, Michele M Sale , Veikko Salomaa, Bishwa R Sapkota , Reinhold Schmidt , Carsten O Schmidt, Ulf Schminke , Pankaj Sharma, Agnieszka Slowik, Cathie LM Sudlow, Christian Tanislav, Turgut Tatlisumak, Kent D Taylor , Vincent NS Thijs, Gudmar Thorleifsson , Unnur Thorsteinsdottir, Steffen Tiedt , Stella Trompet, Christophe Tzourio , Cornelia M van Duijn, Matthew Walters, Nicholas J Wareham , Sylvia Wassertheil-Smoller , James G Wilson, Kerri L Wiggins, Qiong Yang, Salim Yusuf , AFGen consortium, Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, International Genomics of Blood Pressure (iGEN-BP) Consortium, INVENT consortium, STARNET, Joshua C Bis, Tomi Pastinen, Arno Ruusalepp, Eric E Schadt, Simon Koplev, Johan LM Björkegren, Veronica Codoni, Mete Civelek, Nicholas L Smith, David A Trégouët, Ingrid E Christophersen, Carolina Roselli , Steven A Lubitz , Patrick T Ellinor, E Shyong Tai, Jaspal S Kooner, Norihiro Kato , Jiang He, Pim van der Harst, Paul Elliott , John C Chambers, Fumihiko Takeuchi , Andrew D Johnson, BioBank Japan Cooperative Hospital Group, COMPASS consortium, EPIC-CVD consortium, EPIC-InterAct consortium, International Stroke Genetics Consortium (ISGC), METASTROKE Consortium, Neurology Working Group of the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium, NINDS Stroke Genetics Network (SiGN), UK Young Lacunar DNA Study, MEGASTROKE Consortium, Dharambir K Sanghera, Olle Melander, Christina Jern , Daniel Strbianm, Israel Fernandez-Cadenas, W T Longstreth, Jr, Arndt Rolfs, Jun Hata, Daniel Woo , Jonathan Rosand, Guillaume Pare, Jemma C Hopewell, Danish Saleheen, Kari Stefansson, Bradford B Worrall, Steven J Kittner, Sudha Seshadri, Myriam Fornage, Hugh S Markus, Joanna MM Howson, Yoichiro Kamatani, Stephanie Debette and Martin Dichgans. Multi-ancestry genome-wide association study of 520,000 subjects identifies 132 loci associated with stroke and stroke subtypes. *Nature Genetics*
22. Taylor JY, Sun YV, Barcelona de Mendoza V, Ifatunji M, Rafferty J, Fox ER, Musani SK, Sims M, Jackson JS. The combined effects of genetic risk and perceived discrimination on blood pressure among African Americans in the Jackson Heart Study. *Medicine (Baltimore)*. 2017 Oct;96(43):e8369. doi: 10.1097/MD.0000000000008369 <https://www.ncbi.nlm.nih.gov/pubmed/29069027>

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(Updated: 01-19-2018)

23. Burton ET, Wilder T, Beech BM, Bruce MA. Caregiver feeding practices and weight status among African American adolescents: The Jackson Heart KIDS Pilot Study. *Eat Behav.* 2017 Dec;27:33-38. doi: 10.1016/j.eatbeh.2017.11.002. Epub 2017 Nov 6. <https://www.ncbi.nlm.nih.gov/pubmed/29127938>
24. 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 Nov 1;120(9):1528-1532. doi: 10.1016/j.amjcard.2017.07.046. Epub 2017 Jul 31. <https://www.ncbi.nlm.nih.gov/pubmed/28844515>
25. 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 W, 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>
26. Brenner AB, Diez-Roux AV, Gebreab SY, Schulz AJ, Sims M. The epidemiology of coping in African American Adults in the Jackson Heart Study (JHS). *J Racial Ethn Health Disparities.* 2017 Dec 7. doi: 10.1007/s40615-017-0445-y. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/29218498>
27. Tibuakuu M, Kamimura D, Kianoush S, DeFilippis AP, Al Rifai M, Reynolds LA, White WB, Butler KR, Mosley TH, Turner ST, Kullo IJ, Hall ME Blaha MJ. The association between cigarette smoking and inflammation: The Genetic Epidemiology Network of Arteriopathy (GENOA) study. <https://doi.org/10.1371/journal.pone.0184914>  
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0184914>
28. Smith JA, Zhao W, Yasutake K, August C, Ratliff SM, Faul JD, Boerwinkle E, Chakravarti A, Diez Roux AV, Gao Y, Griswold ME Heiss G, Kardia SLR, Morrison AC, Musani SK, Mwasongwe S, North KE, Rose KM, Sims M, Sun YV, Weir DR, Needham BL. Gene-by-psychosocial factor interactions influence diastolic blood pressure in European and African Ancestry Populations: meta-analysis of four cohort studies. *Int J Environ Res Public Health.* 2017 Dec 18;14(12). pii: E1596. doi: 10.3390/ijerph14121596. <https://www.ncbi.nlm.nih.gov/pubmed/29258278>
29. Bromfield SG, Booth JN 3rd, Loop MS, Schwartz JE, Seals SR, Thomas SJ, Min YI, Ogedegbe G, Shimbo D, Muntner P. Evaluating different criteria for defining a complete ambulatory blood pressure monitoring recording: data from the Jackson Heart Study. *Blood Press Monit.* 2017 Dec 13. doi: 10.1097/MBP.0000000000000309. [Epub ahead of print] <https://www.ncbi.nlm.nih.gov/pubmed/29240564>
30. Florence Demenais, Patricia Margaritte-Jeannin, Kathleen C. Barnes, William O. C. Cookson, Janine Altmüller, Wei Ang, R. Graham Barr, Terri H. Beaty, Allan B. Becker, John Beilby, Hans Bisgaard, Unnur Steina Björnsdóttir, Eugene Bleecker, Klaus Bønnelykke, Dorret I. Boomsma, Emmanuelle Bouzigon, Christopher E. Brightling, Myriam Brossard, Guy G. Brusselle, Esteban Burchard, Kristin M. Burkart, Andrew Bush, Moira Chan-Yeung, Kian Fan Chung, Alexsander Couto Alves, John A. Curtin, Adnan Custovic, Denise Daley, Johan C. de Jongste, Blanca E. Del-Rio-Navarro, Kathleen M. Donohue, Liesbeth Duijts, Celeste Eng, Johan G. Eriksson, Martin Farrall, Yuliya Fedorova, Bjarke

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Feenstra, Manuel A. Ferreira, Australian Asthma Genetics Consortium (AAGC) collaborators, Maxim B. Freidin, Zofia Gajdos, Jim Gauderman, Ulrike Gehring, Frank Geller, Jon Genuneit, Sina A. Gharib, Frank Gilliland, Raquel Granell, Penelope E. Graves, Daniel F. Gudbjartsson, Tari Haahtela, Susan R. Heckbert, Dick Heederik, Joachim Heinrich, Markku Heliövaara, John Henderson, Blanca E. Himes, Hiroshi Hirose, Joel N. Hirschhorn, Albert Hofman, Patrick Holt, Jouke Hottenga, Thomas J. Hudson, Jennie Hui, Medea Imboden, Vladimir Ivanov, Vincent W. V. Jaddoe, Alan James, Christer Janson, Marjo-Riitta Jarvelin, Deborah Jarvis, Graham Jones, Ingileif Jonsdottir, Pekka Jousilahti, Michael Kabesch, Mika Kähönen, David B. Kantor, Alexandra S. Karunas, Elza Khusnutdinova, Gerard H. Koppelman, Anita L. Kozyrskyj, Eskil Kreiner, Michiaki Kubo, Rajesh Kumar, Ashish Kumar, Mikko Kuokkanen, Lies Lahousse, Tarja Laitinen, Catherine Laprise, Mark Lathrop, Susanne Lau, Young-Ae Lee, Terho Lehtimäki, Sébastien Letort, Albert M. Levin, Guo Li, Liming Liang, Laura R. Loehr, Stephanie J. London, Daan W. Loth, Ani Manichaikul, Ingo Marenholz, Fernando J. Martinez, Melanie C. Matheson, Rasika A. Mathias, Kenji Matsumoto, Hamdi Mbarek, Wendy L. McArdle, Mads Melbye, Erik Melén, Deborah Meyers, Sven Michel, Hamida Mohamdi, Arthur W. Musk, Rachel A. Myers, Maartje A. E. Nieuwenhuis, Emiko Noguchi, George T. O'Connor, Ludmila M. Ogorodova, Cameron D. Palmer, Aarno Palotie, Julie E. Park, Craig E. Pennell, Göran Pershagen, Alexey Polonikov, Dirkje S. Postma, Nicole Probst-Hensch, Valery P. Puzyrev, Benjamin A. Raby, Olli T. Raitakari, Adaikalavan Ramasamy, Stephen S. Rich, Colin F. Robertson, Isabelle Romieu, Muhammad T. Salam, Veikko Salomaa, Vivi Schlünssen, Robert Scott, Polina A. Selivanova, Torben Sigsgaard, Angela Simpson, Valérie Siroux, Lewis J. Smith, Maria Solodilova, Marie Standl, Kari Stefansson, David P. Strachan, Bruno H. Stricker, Atsushi Takahashi, Philip J. Thompson, Gudmar Thorleifsson, Unnur Thorsteinsdottir, Carla M. T. Tiesler, Dara G. Torgerson, Tatsuhiko Tsunoda, André G. Uitterlinden, Ralf J. P. van der Valk, Amaury Vaysse, Sailaja Vedantam, Andrea von Berg, Erika von Mutius, Judith M. Vonk, Johannes Waage, Nick J. Wareham, Scott T. Weiss, Wendy B. White, Magnus Wickman, Elisabeth Widén, Gonneke Willemsen, L. Keoki Williams, Inge M. Wouters, James J. Yang, Jing Hua Zhao, Miriam F. Moffatt, Carole Ober & Dan L. Nicolae. Multi-ancestry association study identifies new asthma risk loci that co-localize with immune cell enhancer marks. *Nature Genetics* 50, 42–53 (2017) doi:10.1038/s41588-017-0014-7. <https://www.nature.com/articles/s41588-017-0014-7.pdf>

31. Joseph JJ, Echouffo-Tcheugui JB, Talegawkar SA, Efoe VS, Okhomina V, Carnethon MR, Hsueh WA, Golden SH. Modifiable lifestyle risk factors and incident diabetes in African Americans. *Am J Prev Med.* 2017 Nov;53(5):e165-e174. doi: 10.1016/j.amepre.2017.06.018. Epub 2017 Aug 14. <https://www.ncbi.nlm.nih.gov/pubmed/28818415>
32. Tajeu GS, Booth JN 3rd, Colantonio LD, Gottesman RF, Howard G, Lackland DT, O'Brien EC, Oparil S, Ravenell J, Safford MM, Seals SR, Shimbo D, Shea S, Spruill TM<sup>2</sup>, Tanner RM, Muntner P. Incident cardiovascular disease among adults with blood pressure <140/90 mm Hg. *Circulation.* 2017 Aug 29;136(9):798-812. doi: 10.1161/CIRCULATIONAHA.117.027362. Epub 2017 Jun 20. <https://www.ncbi.nlm.nih.gov/pubmed/?term=28634217>
33. Kalyani RR, Ji N, Carnethon M, Bertoni AG, Selvin E, Gregg EW, Sims M, Golden SH. Diabetes, depressive symptoms, and functional disability in African Americans: the Jackson Heart Study. *J Diabetes Complications.* 2017 Aug;31(8):1259-1265. doi: 10.1016/j.jdiacomp.2017.03.003. Epub 2017 Mar 9. <https://www.ncbi.nlm.nih.gov/pubmed/28433449>
34. Rebholz CM, Harman JL, Grams ME, Correa A, Shimbo D, Coresh J, Young BA. Association between endothelin-1 levels and kidney disease among Blacks. *J Am Soc Nephrol.* 2017 Jul 11. pii: ASN.2016111236. doi: 10.1681/ASN.2016111236. [Epub ahead of print]



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<https://www.ncbi.nlm.nih.gov/pubmed/28698270>

35. 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 Jul;31(7):486. doi: 10.1038/jhh.2017.19. Epub 2017 Jan 26. 2017. <https://www.ncbi.nlm.nih.gov/pubmed/28588315>
36. Auerbach BJ, Katz R, Tucker K, Boyko EJ, Drewnowski A, Bertoni A, Dubbert P, Hickson DA, Correa A, Young BA. Factors associated with maintenance of body mass index in the Jackson heart study: A prospective cohort study secondary analysis. *Prev Med*. 2017 Jul;100:95-100. doi: 10.1016/j.ypmed.2017.04.019. Epub 2017 Apr 14. <https://www.ncbi.nlm.nih.gov/pubmed/28414066>
37. 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 Jul;60(7):1261-1270. doi: 10.1007/s00125-017-4267-6. Epub 2017 Apr 4. <https://www.ncbi.nlm.nih.gov/pubmed/28378033>
38. Anstey DE, Booth JN 3rd, Abdalla M, Spruill TM, Min YI, Muntner P, Shimbo D. Predicted atherosclerotic cardiovascular disease risk and masked hypertension among Blacks in the Jackson Heart Study. *Circ Cardiovasc Qual Outcomes*. 2017 Jul;10(7). pii: e003421. doi: 10.1161/CIRCOUTCOMES.116.003421. <https://www.ncbi.nlm.nih.gov/pubmed/28698190>
39. 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,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 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. <https://www.ncbi.nlm.nih.gov/pubmed/28341696>
40. Booth JN 3rd, Abdalla M, Tanner RM, Diaz KM, Bromfield SG, Tajeu GS, Correa A, Sims M, Ogedegbe G, Bress AP, Spruill TM, Shimbo D, Muntner P. Cardiovascular health and incident hypertension in Blacks: JHS (The Jackson Heart Study). *Hypertension*. 2017 Jun 26. pii: HYPERTENSIONAHA.117.09278. doi: 10.1161/HYPERTENSIONAHA.117.09278. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28652461>
41. Riestra P, Gebreab SY, Xu R, Khan RJ, Gaye A, Correa A, Min N, Sims M, Davis SK. Circadian CLOCK gene polymorphisms in relation to sleep patterns and obesity in African Americans: findings from the Jackson heart study. *BMC Genet*. 2017 Jun 23;18(1):58. doi: 10.1186/s12863-017-0522-6. <https://www.ncbi.nlm.nih.gov/pubmed/28645331>
42. Nomura A, Won HH, Khera AV, Takeuchi F, Ito K, McCarthy S, Emdin CA, Klarin D, Natarajan P, Zekavat SM, Gupta N, Peloso GM, Borecki IB, Teslovich TM, 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, Hartze DN, Samani NJ, Schunkert H, Marrugat J, Elosua R, McPherson R, Farrall M, Watkins H, Juang JJ, Hsiung CA, Lin SY, Wang JS, Tada H, Kawashiri MA, Inazu A, Yamagishi M, Katsuya T, Nakashima E, Nakatochi M, Yamamoto K, Yokota M, Momozawa Y, Rotter JI, Lander ES, Rader DJ, Danesh J, Ardissino D, Gabriel S, Willer CJ, Abecasis GR, Saleheen D, Kubo M, Kato N, Ida Chen YD, Dewey FE, Kathiresan S. Protein truncating variants at the cholesteryl ester transfer protein gene and risk for coronary heart disease. *Circ Res*. 2017 Jun 23;121(1):81-88. doi: 10.1161/CIRCRESAHA.117.311145. Epub 2017 May 15. <https://www.ncbi.nlm.nih.gov/pubmed/28506971>
43. Effeo VS, Carnethon MR, Echouffo-Tcheugui JB, Chen H, Joseph JJ, Norwood AF, Bertoni AG. The American Heart Association Ideal Cardiovascular Health and Incident Type 2 Diabetes Mellitus Among Blacks: The Jackson Heart Study. *J Am Heart Assoc*. 2017 Jun 21;6(6). pii: e005008. doi: 10.1161/JAHA.116.005008. <https://www.ncbi.nlm.nih.gov/pubmed/28637777>
44. Kamimura D, Suzuki T, Musani SK, Hall ME, Samdarshi TE, Correa A, Fox ER. Increased proximal aortic diameter is associated with risk of cardiovascular events and all-cause mortality in Blacks The Jackson Heart Study. *J Am Heart Assoc*. 2017 Jun 21;6(6). pii: e005005. doi: 10.1161/JAHA.116.005005. <https://www.ncbi.nlm.nih.gov/pubmed/28637775>
45. Ravenell JE, Shimbo D, Booth JN 3rd, Sarpong DF, Agyemang C, Beatty Moody DL, Abdalla M,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- Spruill TM, Shallcross AJ, Bress AP, Muntner P, Ogedegbe G. Thresholds for ambulatory blood pressure among African Americans in the Jackson Heart Study. *Circulation*. 2017 Jun 20;135(25):2470-2480. doi: 10.1161/CIRCULATIONAHA.116.027051. Epub 2017 Apr 20. <https://www.ncbi.nlm.nih.gov/28428231>
46. Echouffo-Tcheugui JB, Allison M, Kalyani RR, Sims M, Bertoni AG, Golden SH. Abdominal aortic calcification among Individuals with and without diabetes: The Jackson Heart Study. *Diabetes Care*. 2017 Jun 16. pii: dc170720. doi: 10.2337/dc17-0720. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28626009>
47. Bruce MA, Beech BM, Norris KC, Griffith DM, Sims M, Thorpe RJ Jr. Sex, obesity, and blood pressure among African American Adolescents: The Jackson Heart KIDS Pilot Study. *Am J Hypertens*. 2017 Jun 15. doi: 10.1093/ajh/hpx071. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28633388>
48. McClendon EE, Musani SK, Samdarshi TE, Khaire S, Stokes D, Hamburg NM, Sheffy K, Mitchell GF, Taylor HR, Benjamin EJ, Fox ER. The relation of digital vascular function to cardiovascular risk factors in African-Americans using digital tonometry: the Jackson Heart Study. *J Am Soc Hypertens*. 2017 Jun;11(6):325-333.e2. doi: 10.1016/j.jash.2017.04.008. Epub 2017 May 4. <https://www.ncbi.nlm.nih.gov/pubmed/28645730>
49. Selvaraj S, Shah SJ, Ommerborn MJ, Clark CR, Hall ME, Mentz RJ, Qazi S, Robbins JM, Skelton TN, Chen J, Gaziano JM, Djoussé L. Pulmonary hypertension is associated with a higher risk of heart failure hospitalization and mortality in patients with chronic kidney disease: The Jackson Heart Study. *Circ Heart Fail*. 2017 Jun;10(6). pii: e003940. doi: 10.1161/CIRCHEARTFAILURE.116.003940. <https://www.ncbi.nlm.nih.gov/pubmed/28611127>
50. Heckbert SR, Wiggins KL, Blackshear C, Yang Y, Ding J, Liu J, McKnight B, Alonso A, Austin TR, Benjamin EJ, Curtis LH, Sotoodehnia N, Correa A. Pericardial fat volume and incident atrial fibrillation in the Multi-Ethnic Study of Atherosclerosis and Jackson Heart Study. *Obesity (Silver Spring)*. 2017 Jun;25(6):1115-1121. doi: 10.1002/oby.21835. Epub 2017 Apr 28. <https://www.ncbi.nlm.nih.gov/pubmed/28452401>
51. 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 Jun 1;2(6):644-652. doi: 10.1001/jamacardio.2017.0944. Epub 2017 Mar 18. <https://www.ncbi.nlm.nih.gov/pubmed/28315622>
52. 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 Jun;19(6):592-600. doi: 10.1111/jch.12974. Epub 2017 Feb 6. <https://www.ncbi.nlm.nih.gov/pubmed/28165190>
53. Collins TC, Slovut DP, Newton R Jr, Johnson WD, Larrivee S, Patterson J, Johnston JA, Correa A. Ideal cardiovascular health and peripheral artery disease in African Americans: Results from the Jackson Heart Study. *Prev Med Rep*. 2017 May 18;7:20-25. doi: 10.1016/j.pmedr.2017.05.005. eCollection 2017 Sep. <https://www.ncbi.nlm.nih.gov/pubmed/28593118>
54. Liang J, Le TH, Edwards DRV, Tayo BO, Gaulton KJ, Smith JA, Lu Y, Jensen RA, Chen G, Yanek LR, Schwander K, Tajuddin SM, Sofer T, Kim W, Kayima J, McKenzie CA, Fox E, Nalls MA, Young JH,



## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- Sun YV, Lane JM, Cechova S, Zhou J, Tang H, Fornage M, Musani SK, Wang H, Lee J, Adeyemo A, Dreisbach AW, Forrester T, Chu PL, Cappola A, Evans MK, Morrison AC, Martin LW, Wiggins KL, Hui Q, Zhao W, Jackson RD, Ware EB, Faul JD, Reiner AP, Bray M, Denny JC, Mosley TH, Palmas W, Guo X, Papanicolaou GJ, Penman AD, Polak JF, Rice K, Taylor KD, Boerwinkle E, Bottinger EP, Liu K, Risch N, Hunt SC, Kooperberg C, Zonderman AB, Laurie CC, Becker DM, Cai J, Loos RJF, Psaty BM, Weir DR, Kardina SLR, Arnett DK, Won S, Edwards TL, Redline S, Cooper RS, Rao DC, Rotter JI, Rotimi C, Levy D, Chakravarti A, Zhu X, Franceschini N. Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. *PLoS Genet.* 2017 May 12;13(5):e1006728. doi: 10.1371/journal.pgen.1006728. eCollection 2017 May. <https://www.ncbi.nlm.nih.gov/pubmed/28498854>
55. Wang X, Auchincloss AH, Barber S, Mayne SL, Griswold ME, Sims M, Diez Roux AV. Neighborhood social environment as risk factors to health behavior among African Americans: The Jackson Heart Study. *Health Place.* 2017 May 5. 45:199-207. doi: 10.1016/j.healthplace.2017.04.002. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28475962>
56. Wild PS, Felix JF, Schillert A, Teumer A, Chen MH, Leening MJG, Völker U, Großmann V, Brody JA, Irvin MR, Shah SJ, Pramana S, Lieb W, Schmidt R, Stanton AV, Malzahn D, Smith AV, Sundström J, Minelli C, Ruggiero D, Lyytikäinen LP, Tiller D, Smith JG, Monnereau C, Di Tullio MR, Musani SK, Morrison AC, Pers TH, Morley M, Kleber ME, Aragam J, Benjamin EJ, Bis JC, Bisping E, Broeckel U, Cheng S, Deckers JW, Del Greco M F, Edelmann F, Fornage M, Franke L, Friedrich N, Harris TB, Hofer E, Hofman A, Huang J, Hughes AD, Kähönen M, Investigators K, Kruppa J, Lackner KJ, Lannfelt L, Laskowski R, Launer LJ, Leosdottir M, Lin H, Lindgren CM, Loley C, MacRae CA, Mascalzoni D, Mayet J, Medenwald D, Morris AP, Müller C, Müller-Nurasyid M, Nappo S, Nilsson PM, Nuding S, Nutile T, Peters A, Pfeufer A, Pietzner D, Pramstaller PP, Raitakari OT, Rice KM, Rivadeneira F, Rotter JI, Ruohonen ST, Sacco RL, Samdarshi TE, Schmidt H, Sharp ASP, Shields DC, Sorice R, Sotoodehnia N, Stricker BH, Surendran P, Thom S, Töglhofer AM, Uitterlinden AG, Wachter R, Völzke H, Ziegler A, Münzel T, März W, Cappola TP, Hirschhorn JN, Mitchell GF, Smith NL, Fox ER, Dueker ND, Jaddoe VWV, Melander O, Russ M, Lehtimäki T, Ciullo M, Hicks AA, Lind L, Gudnason V, Pieske B, Barron AJ, Zweiker R, Schunkert H, Ingelsson E, Liu K, Arnett DK, Psaty BM, Blankenberg S, Larson MG, Felix SB, Franco OH, Zeller T, Vasani RS, Dörr M. Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. *J Clin Invest.* 2017 May 1;127(5):1798-1812. doi: 10.1172/JCI84840. Epub 2017 Apr 10. <https://www.ncbi.nlm.nih.gov/pubmed/28394258>
57. Dunlay SM, Lippmann SJ, Greiner MA, O'Brien EC, Chamberlain AM, Mentz RJ, Sims M. Perceived discrimination and cardiovascular outcomes in older African Americans: insights from the Jackson Heart Study. *Mayo Clin Proc.* 2017 May;92(5):699-709. doi: 10.1016/j.mayocp.2017.01.024. <https://www.ncbi.nlm.nih.gov/pubmed/28473034>
58. 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 May;69(5):761-769. doi: 10.1161/HYPERTENSIONAHA.117.09061. Epub 2017 Mar 20. Review. <https://www.ncbi.nlm.nih.gov/pubmed/28320850>
59. Tripathi A, Benjamin EJ, Musani SK, Hamburg NM, Tsao CW, Saraswat A, Vasani RS, Mitchell GF,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- Fox ER. The association of endothelial function and tone by digital arterial tonometry with MRI left ventricular mass in African Americans: the Jackson Heart Study. *J Am Soc Hypertens*. 2017 May;11(5):258-264. doi: 10.1016/j.jash.2017.03.005. Epub 2017 Mar 27.  
<https://www.ncbi.nlm.nih.gov/pubmed/28412277>
60. 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 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, Vasan 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*. 2017 May;54(5):313-323. doi: 10.1136/jmedgenet-2016-104112. Epub 2016 Dec 30.  
<https://www.ncbi.nlm.nih.gov/pubmed/28039329>
61. Ng MCY, Graff M, Lu Y, Justice AE, Mudgal P, Liu CT, Young K, Yanek LR, Feitosa MF, Wojczynski MK, Rand K, Brody JA, Cade BE, Dimitrov L, Duan Q, Guo X, Lange LA, Nalls MA, Okut H, Tajuddin SM, Tayo BO, Vedantam S, Bradfield JP, Chen G, Chen WM, Chesi A, Irvin MR, Padhukasahasram B, Smith JA, Zheng W, Allison MA, Ambrosone CB, Bandera EV, Bartz TM, Berndt SI, Bernstein L, Blot WJ, Bottinger EP, Carpten J, Chanock SJ, Chen YI, Conti DV, Cooper RS, Fornage M, Freedman BI, Garcia M, Goodman PJ, Hsu YH, Hu J, Huff CD, Ingles SA, John EM, Kittles R, Klein E, Li J, McKnight B, Nayak U, Nemesure B, Ogunniyi A, Olshan A, Press MF, Rohde R, Rybicki BA, Salako B, Sanderson M, Shao Y, Siscovick DS, Stanford JL, Stevens VL, Stram A, Strom SS, Vaidya D, Witte JS, Yao J, Zhu X, Ziegler RG, Zonderman AB, Adeyemo A, Amb S, Cushman M, Faul JD, Hakonarson H, Levin AM, Nathanson KL, Ware EB, Weir DR, Zhao W, Zhi D; Bone Mineral Density in Childhood Study (BMDCS) Group, Arnett DK, Grant SFA, Kardia SLR, Oloapde OI, Rao DC, Rotimi CN, Sale MM, Williams LK, Zemel BS, Becker DM, Borecki IB, Evans MK, Harris TB, Hirschhorn JN, Li Y, Patel SR, Psaty BM, Rotter JI, Wilson JG, Bowden DW, Cupples LA, Haiman CA, Loos RJF, North KE. Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. *PLoS Genet*. 2017 Apr 21;13(4):e1006719. doi: 10.1371/journal.pgen.1006719. eCollection 2017 Apr.  
<https://www.ncbi.nlm.nih.gov/pubmed/28430825>
62. Abdalla M, Caughey MC, Tanner RM, Booth JN 3rd, Diaz KM, Anstey DE, Sims M, Ravenell J, Muntner P, Viera AJ, Shimbo D. Associations of Blood Pressure Dipping Patterns With Left Ventricular Mass and Left Ventricular Hypertrophy in Blacks: The Jackson Heart Study. *J Am Heart Assoc*. 2017 Apr 5;6(4). pii: e004847. doi: 10.1161/JAHA.116.004847.  
<https://www.ncbi.nlm.nih.gov/pubmed/28381465>
63. Musani SK, Martin LJ, Woo JG, Olivier M, Gurka MJ, DeBoer MD. Heritability of the severity of the metabolic syndrome in Whites and Blacks in 3 large cohorts. *Circ Cardiovasc Genet*. 2017

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

Apr;10(2). pii: e001621. doi: 10.1161/CIRCGENETICS.116.001621.

<https://www.ncbi.nlm.nih.gov/pubmed/28408709>

64. 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*. 2017 Apr;4(2):288-296. doi: 10.1007/s40615-016-0228-x. Epub 2016 Apr 29.  
<https://www.ncbi.nlm.nih.gov/pubmed/27129858>
65. 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 Apr 15;185(8):729. doi: 10.1093/aje/kwx042. Epub 2017 Mar 15:1. <https://www.ncbi.nlm.nih.gov/pubmed/28338886>
66. 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 Apr;11(4):204-212.e5. doi: 10.1016/j.jash.2017.02.001. Epub 2017 Feb 16.  
<https://www.ncbi.nlm.nih.gov/pubmed/28285829>
67. Böger CA, Gorski M, McMahan GM, Xu H, Chang YC, van der Most PJ, Navis G, Nolte IM, de Borst MH, Zhang W, Lehne B, Loh M, Tan ST, Boerwinkle E, Grams ME, Sekula P, Li M, Wilmot B, Moon JG, Scheet P, Cucca F, Xiao X, Lyytikäinen LP, Delgado G, Grammer TB, Kleber ME, Sedaghat S, Rivadeneira F, Corre T, Kutalik Z, Bergmann S, Nielson CM, Srikanth P, Teumer A, Müller-Nurasyid M, Brockhaus AC, Pfeufer A, Rathmann W, Peters A, Matsumoto M, de Andrade M, Atkinson EJ, Robinson-Cohen C, de Boer IH, Hwang SJ, Heid IM, Gögele M, Concas MP, Tanaka T, Bandinelli S, Nalls MA, Singleton A, Tajuddin SM, Adeyemo A, Zhou J, Doumatey A, McWeeney S, Murabito J, Franceschini N, Flessner M, Shlipak M, Wilson JG, Chen G, Rotimi CN, Zonderman AB, Evans MK, Ferrucci L, Devuyst O, Pirastu M, Shuldiner A, Hicks AA, Pramstaller PP, Kestenbaum B, Kardina SL, Turner ST, Study LC, Briske TE, Gieger C, Strauch K, Meisinger C, Meitinger T, Völker U, Nauck M, Völzke H, Vollenweider P, Bochud M, Waeber G, Kähönen M, Lehtimäki T, März W, Dehghan A, Franco OH, Uitterlinden AG, Hofman A, Taylor HA, Chambers JC, Kooner JS, Fox CS, Hitzemann R, Orwoll ES, Pattaro C, Schlessinger D, Köttgen A, Snieder H, Parsa A, Cohen DM. NFAT5 and SLC4A10 Loci Associate with Plasma Osmolality. *J Am Soc Nephrol*. 2017 Mar 30. pii: ASN.2016080892. doi: 10.1681/ASN.2016080892. [Epub ahead of print]. <https://www.ncbi.nlm.nih.gov/pubmed/28360221>
68. 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>
69. DeBoer MD, Gurka MJ, Golden SH, Musani SK, Sims M, Vishnu A, Guo Y, Pearson TA.

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 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>
70. 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>
71. 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>
72. 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>
73. 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>
74. 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>
75. 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>
76. Effeo 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 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>
77. 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>
78. 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*

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

Heart Fail. 2017 Feb;10(2). pii: e003682. doi: 10.1161/CIRCHEARTFAILURE.116.003682.

<https://www.ncbi.nlm.nih.gov/pubmed/28209767>

79. 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>
80. 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>
81. 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>
82. 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>
83. 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>
84. 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>
85. 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>



## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

86. 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>
87. 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**

88. 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,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

Hall AS, Braund PS, Samani NJ, Schunkert H, Marrugat J, Elosua R, McPherson R, Farrall M, Watkins H, Willer C, Abecasis GR, Felix JF, Vasani RS, Lander E, Rader DJ, Danesh J, Ardissino 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>

89. 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>

90. 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>.

91. 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 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>

92. 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>

93. 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>

94. Barber S, Hickson DA, Wang X, Sims M, Nelson C, Diez-Roux AV. Neighborhood Disadvantage,

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 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>
95. 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>
96. 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> .
97. 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>
98. 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>
99. 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 Dec;30(12):731-736. doi: 10.1038/jhh.2016.27. Epub 2016 May 12. <http://www.ncbi.nlm.nih.gov/pubmed/27169827>
100. 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>
101. 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, Lyytikäinen LP, Marioni RE, Schminke U, Stitzel NO, 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

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 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>
102. 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>
103. 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>
104. 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>
105. 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, Varela G, Vasquez OM, Samms-Vaughan M, Wilks RJ, Adegnik 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>
106. 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>

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

107. 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>
108. 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>
109. 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, Vasani 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 JI, 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>
110. 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>
111. 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, Hindorf 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 Wagoner 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 Oct 1;25(19):4350-4368. doi: 10.1093/hmg/ddw284. Epub 2016 Aug 29. <http://www.ncbi.nlm.nih.gov/pubmed/27577874>
112. 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



## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 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>
113. 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>
114. 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>
115. 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>
116. 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 18;536(7616):285-91. doi: 10.1038/nature19057. <http://www.ncbi.nlm.nih.gov/pubmed/27535533>
117. 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>
118. Polfus LM, Khajuria RK, Schick UM, Pankratz N, Pazoki R, Brody JA, Chen MH, Auer PL, Floyd JS, 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 GFI1B 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>

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

119. 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, Tajcs 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 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>
120. 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>

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

121. 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>
122. 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>
123. 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>
124. 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>
125. 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>
126. 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>
127. 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 JI, 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 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>
128. 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>

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

129. 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>
130. 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>
131. 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>
132. 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>
133. 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, 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

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

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>

134. 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>
135. 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, 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>
136. 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:



## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 10.1001/jamacardio.2016.0962. Epub 2016 June 8.  
<http://www.ncbi.nlm.nih.gov/pubmed/27438323>
137. 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>
138. 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>
139. 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>
140. 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>
141. 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, Milanesechi 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: 10.1136/jmedgenet-2015-103439. Epub 2016 Apr 1.  
<http://www.ncbi.nlm.nih.gov/pubmed/27036123>
142. 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>
143. 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:

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 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>
144. 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, Ardisino 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>
145. 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>
146. 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>
147. 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>
148. Hall ME, Wang W, Okhomina 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>
149. 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 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: ddt048. [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/26911676>
150. 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>

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

151. E Olsson, 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 Kardina, 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>
152. 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>
153. 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>
154. 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>
155. Fox ER, Samdarshi TE, Musani SK, Pencina MJ, Sung JH, Bertoni AG, Xanthakis V, Balfour PC Jr, Shreenivas SS, Covington C, Liebson PR, Sarpong DF, Butler KR, Mosley TH, Rosamond WD, Folsom AR, Herrington DM, Vasan 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>
156. 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>
157. 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>
158. Redmond N, Booth JN 3rd, Tanner RM, Diaz KM, Abdalla M, Sims M, Muntner P, Shimbo

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

- 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>
159. 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>
160. 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>
161. 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>
162. 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>
163. 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>
164. Tanner RM, Shimbo D, Seals SR, Reynolds K, Bowling CB, Ogedegbe G, Muntner P. 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>
165. 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>
166. 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

## JACKSON HEART STUDY PUBLICATIONS

2016 – Present

(Updated: 01-19-2018)

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>

167. 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>

168. 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>

169. 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>