

SOM Faculty/Staff Publications 2017

1. Johnson, B., W.E. Cayley, B.M. Nguyen, P. Larson, **M.D.C. Colon-Gonzalez**, C. Gibson, and A. Evensen. Faculty Development in Family Medicine Education: What Is Needed? *Pan African Medical Journal*. 2017;26:141. doi:10.11604/pamj.2017.26.141.9069. **Family Medicine**.
2. Keyes, D., G. Sheremeta, J. Yang, **N. Davis**, S. Zhang, and K. Boehm. The Influence of Social Isolation and Medical Comorbidities on Geriatric Congestive Heart Failure Hospital Readmissions. *Spartan Medical Research Journal*. Aug 24 2017;2(1):5959. doi:10.51894/001c.5959. **Family Medicine**.
3. **Blackburn, N.B.**, J.R. Marthick, A. Banks, J.C. Charlesworth, K.A. Marsden, R.M. Lowenthal, **J. Blangero**, and J.L. Dickinson. Evaluating a CII Susceptibility Variant in Itgb2 in Families with Multiple Subtypes of Hematological Malignancies. *Blood*. Jul 6 2017;130(1):86-88. doi:10.1182/blood-2017-03-774232. **Human Genetics**.
4. Chittoor, G., K. Haack, N.R. Mehta, **S. Laston**, S.A. Cole, A.G. Comuzzie, N.F. Butte, and V.S. Voruganti. Genetic Variation Underlying Renal Uric Acid Excretion in Hispanic Children: The Viva La Familia Study. *BMC Medical Genetics*. Jan 17 2017;18(1):6. doi:10.1186/s12881-016-0366-3. **Human Genetics**.
5. Chu, A.Y., X. Deng, V.A. Fisher, A. Drong, Y. Zhang, M.F. Feitosa, C.T. Liu, O. Weeks, A.C. Choh, Q. Duan, T.D. Dyer, J.D. Eicher, X. Guo, N.L. Heard-Costa, T. Kacprowski, J.W. Kent, Jr., L.A. Lange, X. Liu, K. Lohman, L. Lu, A. Mahajan, J.R. O'Connell, A. Parihar, **J.M. Peralta**, A.V. Smith, Y. Zhang, G. Homuth, A.H. Kissebah, J. Kullberg, R. Laqua, L.J. Launer, M. Nauck, M. Olivier, P.A. Peyser, J.G. Terry, M.K. Wojczynski, J. Yao, L.F. Bielak, **J. Blangero**, I.B. Borecki, D.W. Bowden, J.J. Carr, S.A. Czerwinski, J. Ding, N. Friedrich, V. Gudnason, T.B. Harris, E. Ingelsson, A.D. Johnson, S.L. Kardia, C.D. Langefeld, L. Lind, Y. Liu, B.D. Mitchell, A.P. Morris, T.H. Mosley, Jr., J.I. Rotter, A.R. Shuldiner, B. Towne, H. Völzke, H. Wallaschofski, J.G. Wilson, M. Allison, C.M. Lindgren, W. Goessling, L.A. Cupples, M.L. Steinhauser, and C.S. Fox. Multiethnic Genome-Wide Meta-Analysis of Ectopic Fat Depots Identifies Loci Associated with Adipocyte Development and Differentiation. *Nature Genetics*. Jan 2017;49(1):125-130. doi:10.1038/ng.3738. **Human Genetics**.
6. Cox, L.A., M. Olivier, K. Spradling-Reeves, G.M. Karere, A.G. Comuzzie, and **J.L. VandeBerg**. Nonhuman Primates and Translational Research-Cardiovascular Disease. *Ilar j*. Dec 1 2017;58(2):235-250. doi:10.1093/ilar/ilx025. **Human Genetics**.
7. Farook, V.S., L. Reddivari, **S. Mummidi**, S. Puppala, **R. Arya, J.C. Lopez-Alvarenga**, S.P. Fowler, G. Chittoor, R.G. Resendez, B.M. Kumar, A.G. Comuzzie, **J.E. Curran**, D.M. Lehman, **C.P. Jenkinson**, J.L. Lynch, R.A. DeFronzo, **J. Blangero**, D.E. Hale, **R. Duggirala**, and J.K. Vanamala. Genetics of Serum Carotenoid Concentrations and Their Correlation with Obesity-Related Traits in Mexican American Children. *American Journal of Clinical Nutrition*. Jul 2017;106(1):52-58. doi:10.3945/ajcn.116.144006. **Human Genetics**.
8. FitzGerald, L.M., K. Raspin, J.R. Marthick, M.A. Field, R.C. Malley, R.J. Thomson, **N.B. Blackburn**, A. Banks, J.C. Charlesworth, S. Donovan, and J.L. Dickinson. Impact of the G84e Variant on Hoxb13 Gene and Protein Expression in Formalin-Fixed, Paraffin-Embedded Prostate Tumours. *Scientific Reports*. Dec 19 2017;7(1):17778. doi:10.1038/s41598-017-18217-w. **Human Genetics**.

9. Flannick, J., C. Fuchsberger, A. Mahajan, T.M. Teslovich, V. Agarwala, K.J. Gaulton, L. Caulkins, R. Koesterer, C. Ma, L. Moutsianas, D.J. McCarthy, M.A. Rivas, J.R.B. Perry, X. Sim, T.W. Blackwell, N.R. Robertson, N.W. Rayner, P. Cingolani, A.E. Locke, J.F. Tajes, H.M. Highland, J. Dupuis, P.S. Chines, C.M. Lindgren, C. Hartl, A.U. Jackson, H. Chen, J.R. Huyghe, M. van de Bunt, R.D. Pearson, A. Kumar, M. Müller-Nurasyid, N. Grarup, H.M. Stringham, E.R. Gamazon, J. Lee, Y. Chen, R.A. Scott, J.E. Below, P. Chen, J. Huang, M.J. Go, M.L. Stitzel, D. Pasko, S.C.J. Parker, T.V. Varga, T. Green, N.L. Beer, A.G. Day-Williams, T. Ferreira, T. Fingerlin, M. Horikoshi, C. Hu, I. Huh, M.K. Ikram, B.J. Kim, Y. Kim, Y.J. Kim, M.S. Kwon, J. Lee, S. Lee, K.H. Lin, T.J. Maxwell, Y. Nagai, X. Wang, R.P. Welch, J. Yoon, W. Zhang, N. Barzilai, B.F. Voight, B.G. Han, C.P. Jenkinson, T. Kuulasmaa, J. Kuusisto, A. Manning, M.C.Y. Ng, N.D. Palmer, B. Balkau, A. Stančáková, H.E. Abboud, H. Boeing, V. Giedraitis, D. Prabhakaran, O. Gottesman, J. Scott, J. Carey, P. Kwan, G. Grant, J.D. Smith, B.M. Neale, S. Purcell, A.S. Butterworth, J.M.M. Howson, H.M. Lee, Y. Lu, S.H. Kwak, W. Zhao, J. Danesh, V.K.L. Lam, K.S. Park, D. Saleheen, W.Y. So, C.H.T. Tam, U. Afzal, D. Aguilar, **R. Arya**, T. Aung, E. Chan, C. Navarro, C.Y. Cheng, D. Palli, A. Correa, **J.E. Curran**, D. Rybin, V.S. Farook, S.P. Fowler, B.I. Freedman, M. Griswold, D.E. Hale, P.J. Hicks, C.C. Khor, **S. Kumar**, B. Lehne, D. Thuillier, W.Y. Lim, J. Liu, M. Loh, S.K. Musani, S. Puppala, W.R. Scott, L. Yengo, S.T. Tan, H.A. Taylor, F. Thameem, G. Wilson, T.Y. Wong, P.R. Njølstad, J.C. Levy, M. Mangino, L.L. Bonnycastle, T. Schwarzmayr, J. Fadista, G.L. Surdulescu, C. Herder, C.J. Groves, T. Wieland, J. Bork-Jensen, I. Brandslund, C. Christensen, H.A. Koistinen, A.S.F. Doney, L. Kinnunen, T. Esko, A.J. Farmer, L. Hakaste, D. Hodgkiss, J. Kravic, V. Lyssenko, M. Hollensted, M.E. Jørgensen, T. Jørgensen, C. Ladenvall, J.M. Justesen, A. Käräjämäki, J. Kriebel, W. Rathmann, L. Lannfelt, T. Lauritzen, N. Narisu, A. Linneberg, O. Melander, L. Milani, M. Neville, M. Orho-Melander, L. Qi, Q. Qi, M. Roden, O. Rolandsson, A. Swift, A.H. Rosengren, K. Stirrups, A.R. Wood, E. Mihailov, C. Blancher, M.O. Carneiro, J. Maguire, R. Poplin, K. Shakir, T. Fennell, M. DePristo, M.H. de Angelis, P. Deloukas, A.P. Gjesing, G. Jun, P. Nilsson, J. Murphy, R. Onofrio, B. Thorand, T. Hansen, C. Meisinger, F.B. Hu, B. Isomaa, F. Karpe, L. Liang, A. Peters, C. Huth, S.P. O’Rahilly, C.N.A. Palmer, O. Pedersen, R. Rauramaa, J. Tuomilehto, V. Salomaa, R.M. Watanabe, A.C. Syvänen, R.N. Bergman, D. Bharadwaj, E.P. Bottinger, Y.S. Cho, G.R. Chandak, J.C. Chan, K.S. Chia, M.J. Daly, S.B. Ebrahim, C. Langenberg, P. Elliott, K.A. Jablonski, D.M. Lehman, W. Jia, R.C.W. Ma, T.I. Pollin, M. Sandhu, N. Tandon, P. Froguel, I. Barroso, Y.Y. Teo, E. Zeggini, R.J.F. Loos, K.S. Small, J.S. Ried, R.A. DeFronzo, H. Grallert, B. Glaser, A. Metspalu, N.J. Wareham, M. Walker, E. Banks, C. Gieger, E. Ingelsson, H.K. Im, T. Illig, P.W. Franks, G. Buck, J. Trakalo, D. Buck, I. Prokopenko, R. Mägi, L. Lind, Y. Farjoun, K.R. Owen, A.L. Gloyn, K. Strauch, T. Tuomi, J.S. Kooner, J.Y. Lee, T. Park, P. Donnelly, A.D. Morris, A.T. Hattersley, D.W. Bowden, F.S. Collins, G. Atzmon, J.C. Chambers, T.D. Spector, M. Laakso, T.M. Strom, G.I. Bell, **J. Blangero**, **R. Duggirala**, E.S. Tai, G. McVean, C.L. Hanis, J.G. Wilson, M. Seielstad, T.M. Frayling, J.B. Meigs, N.J. Cox, R. Sladek, E.S. Lander, S. Gabriel, K.L. Mohlke, T. Meitinger, L. Groop, G. Abecasis, L.J. Scott, A.P. Morris, H.M. Kang, D. Altshuler, N.P. Burt, J.C. Florez, M. Boehnke and M.I. McCarthy. Sequence Data and Association Statistics from 12,940 Type 2 Diabetes Cases and Controls. *Scientific Data*. Dec 19 2017;4:170179. doi:10.1038/sdata.2017.179. **Human Genetics**.

10. Flies, A.S., **N.B. Blackburn**, A.B. Lyons, J.D. Hayball, and G.M. Woods. Comparative Analysis of Immune Checkpoint Molecules and Their Potential Role in the Transmissible Tasmanian Devil Facial Tumor Disease. *Frontiers in Immunology*. 2017;8:513. doi:10.3389/fimmu.2017.00513. **Human Genetics**.

11. Garibay-Nieto, N., G. Queipo-García, F. Alvarez, M. Bustos, E. Villanueva, F. Ramírez, M. León, E. Laresgoiti-Servitje, **R. Duggirala**, T. Macías, S. Cuevas, A. Jalife, M. Fonseca-Sánchez, F. Serratos, and **J.C. López-Alvarenga**. Effects of Conjugated Linoleic Acid and Metformin on Insulin Sensitivity in Obese Children: Randomized Clinical Trial. *Journal of Clinical Endocrinology and Metabolism*. Jan 1 2017;102(1):132-140. doi:10.1210/jc.2016-2701. **Human Genetics**.

12. Grabowski, M. and **A. Porto**. How Many More? Sample Size Determination in Studies of Morphological Integration and Evolvability. *Methods in Ecology and Evolution*. May 2017;8(5):592-603. doi:10.1111/2041-210x.12674. **Human Genetics**.

13. Guadalupe, T., S.R. Mathias, T.G.M. vanErp, C.D. Whelan, M.P. Zwiers, Y. Abe, L. Abramovic, I. Agartz, O.A. Andreassen, A. Arias-Vásquez, B.S. Aribisala, N.J. Armstrong, V. Arolt, E. Artiges, R. Ayesa-Arriola, V.G. Baboyan, T. Banaschewski, G. Barker, M.E. Bastin, B.T. Baune, **J. Blangero**, A.L.W. Bokde, P.S.W. Boedhoe, A. Bose, S. Brem, H. Brodaty, U. Bromberg, S. Brooks, C. Büchel, J. Buitelaar, V.D. Calhoun, D.M. Cannon, A. Cattrell, Y. Cheng, P.J. Conrod, A. Conzelmann, A. Corvin, B. Crespo-Facorro, F. Crivello, U. Dannlowski, G.I. de Zubicaray, S.M.C. de Zwarte, I.J. Deary, S. Desrivières, N.T. Doan, G. Donohoe, E.S. Dørum, S. Ehrlich, T. Espeseth, G. Fernández, H. Flor, J.P. Fouche, V. Frouin, M. Fukunaga, J. Gallinat, H. Garavan, M. Gill, A.G. Suarez, P. Gowland, H.J. Grabe, D. Grotegerd, O. Gruber, S. Hagenaars, R. Hashimoto, T.U. Hauser, A. Heinz, D.P. Hibar, P.J. Hoekstra, M. Hoogman, F.M. Howells, H. Hu, H.E. Hulshoff Pol, C. Huyser, B. Ittermann, N. Jahanshad, E.G. Jönsson, S. Jurk, R.S. Kahn, S. Kelly, B. Kraemer, H. Kugel, J.S. Kwon, H. Lemaitre, K.P. Lesch, C. Lochner, M. Luciano, A.F. Marquand, N.G. Martin, I. Martínez-Zalacain, J.L. Martinot, D. Mataix-Cols, K. Mather, C. McDonald, K.L. McMahon, S.E. Medland, J.M. Menchón, D.W. Morris, O. Mothersill, S.M. Maniega, B. Mwangi, T. Nakamae, T. Nakao, J.C. Narayanaswamy, F. Nees, J.E. Nordvik, A.M.H. Onnink, N. Opel, R. Ophoff, M.L. Paillère Martinot, D. Papadopoulos Orfanos, P. Pauli, T. Paus, L. Poustka, J.Y. Reddy, M.E. Renteria, R. Roiz-Santiañez, A. Roos, N.A. Royle, P. Sachdev, P. Sánchez-Juan, L. Schmaal, G. Schumann, E. Shumskaya, M.N. Smolka, J.C. Soares, C. Soriano-Mas, D.J. Stein, L.T. Strike, R. Toro, J.A. Turner, N. Tzourio-Mazoyer, A. Uhlmann, M.V. Hernández, O.A. van den Heuvel, D. van der Meer, N.E.M. van Haren, D.J. Veltman, G. Venkatasubramanian, N.C. Vetter, D. Vuletic, S. Walitza, H. Walter, E. Walton, Z. Wang, J. Wardlaw, W. Wen, L.T. Westlye, R. Whelan, K. Wittfeld, T. Wolfers, M.J. Wright, J. Xu, X. Xu, J.Y. Yun, J. Zhao, B. Franke, P.M. Thompson, D.C. Glahn, B. Mazoyer, S.E. Fisher and C. Francks. Human Subcortical Brain Asymmetries in 15,847 People Worldwide Reveal Effects of Age and Sex. *Brain Imaging and Behavior*. Oct 2017;11(5):1497-1514. doi:10.1007/s11682-016-9629-z. **Human Genetics**.

14. Hibar, D.P., H.H.H. Adams, N. Jahanshad, G. Chauhan, J.L. Stein, E. Hofer, M.E. Renteria, J.C. Bis, A. Arias-Vasquez, M.K. Ikram, S. Desrivières, M.W. Vernooij, L. Abramovic, S. Alhusaini, N. Amin, M. Andersson, K. Arfanakis, B.S. Aribisala, N.J. Armstrong, L. Athanasiu, T. Axelsson, A.H. Beecham, A. Beiser, M. Bernard, S.H. Blanton, M.M. Bohlken, M.P. Boks, J. Bralten, A.M. Brickman, O. Carmichael, M.M. Chakravarty, Q. Chen, C.R.K. Ching, V. Chouraki, G. Cuellar-Partida, F. Crivello, A. Den Braber, N.T. Doan, S. Ehrlich, S. Giddaluru, A.L. Goldman, R.F. Gottesman, O. Grimm, M.E. Griswold, T. Guadalupe, B.A. Gutman, J. Hass, U.K. Haukvik, D. Hoehn, A.J. Holmes, M. Hoogman, D. Janowitz, T. Jia, K.N. Jørgensen, N. Karbalai, D. Kasperaviciute, S. Kim, M. Klein, B. Kraemer, P.H. Lee, D.C.M. Liewald, L.M. Lopez, M. Luciano, C. Macare, A.F. Marquand, M. Matarin, K.A. Mather, M. Mattheisen, D.R. McKay, Y. Milaneschi, S. Muñoz Maniega, K. Nho, A.C. Nugent, P. Nyquist, L.M.O. Loohuis, J. Oosterlaan, M. Pappmeyer, L. Pirpamer, B. Pütz, A. Ramasamy, J.S. Richards, S.L. Risacher, R. Roiz-Santiañez, N. Rommelse, S. Ropele, E.J. Rose, N.A. Royle, T. Rundek, P.G. Sämann, A. Saremi, C.L. Satizabal, L. Schmaal, A.J. Schork, L. Shen, J. Shin, E. Shumskaya, A.V. Smith, E. Sprooten, L.T. Strike, A. Teumer, D. Tordesillas-Gutierrez, R. Toro, D. Trabzuni, S. Trompet, D. Vaidya, J. Van der Grond, S.J. Van der Lee, D. Van der Meer, M.M.J. Van Donkelaar, K.R. Van Eijk, T.G.M. Van Erp, D. Van Rooij, E. Walton, L.T. Westlye, C.D. Whelan, B.G. Windham, A.M. Winkler, K. Wittfeld, G. Woldehawariat, C. Wolf, T. Wolfers, L.R. Yanek, J. Yang, A. Zijdenbos, M.P. Zwiers, I. Agartz, L. Almasy, D. Ames, P. Amouyel, O.A. Andreassen, S. Arepalli, A.A. Assareh, S. Barral, M.E. Bastin, D.M. Becker, J.T. Becker, D.A. Bennett, **J. Blangero**, H. van Bokhoven,

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15. Hodgson, K., L. Almasy, E.E. Knowles, J.W. Kent, Jr., **J.E. Curran**, T.D. Dyer, **H.H. Göring**, R.L. Olvera, M.D. Woolsey, **R. Duggirala**, P.T. Fox, **J. Blangero**, and D.C. Glahn. The Genetic Basis of the Comorbidity between Cannabis Use and Major Depression. *Addiction*. Jan 2017;112(1):113-123. doi:10.1111/add.13558. **Human Genetics.**

16. Hodgson, K., M.A. Carless, **H. Kulkarni**, **J.E. Curran**, E. Sprooten, E.E. Knowles, S. Mathias, **H.H.H. Göring**, N. Yao, R.L. Olvera, P.T. Fox, L. Almasy, **R. Duggirala**, **J. Blangero**, and D.C. Glahn. Epigenetic Age Acceleration Assessed with Human White-Matter Images. *Journal of Neuroscience*. May 3 2017;37(18):4735-4743. doi:10.1523/jneurosci.0177-17.2017. **Human Genetics.**

17. Hodgson, K., R.A. Poldrack, **J.E. Curran**, E.E. Knowles, S. Mathias, **H.H.H. Göring**, N. Yao, R.L. Olvera, P.T. Fox, L. Almasy, **R. Duggirala**, D.M. Barch, **J. Blangero**, and D.C. Glahn. Shared Genetic Factors Influence Head Motion During Mri and Body Mass Index. *Cerebral Cortex*. Dec 1 2017;27(12):5539-5546. doi:10.1093/cercor/bhw321. **Human Genetics.**

18. Hodo, C.L., N.R. Bertolini, J.C. Bernal, **J.L. VandeBerg**, and S.A. Hamer. Lack of Trypanosoma Cruzi Infection in Urban Roof Rats (Rattus Rattus) at a Texas Facility Housing Naturally Infected Nonhuman Primates. *Journal of the American Association for Laboratory Animal Science*. Jan 1 2017;56(1):57-62. **Human Genetics.**

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