

## SOM Faculty/Staff Publications 2015

1. Al Juboori, A.M., **Z. Afzal**, and N. Ahmed. Esophageal Squamous Cell Papilloma: A Not-So-Rare Cause of Dysphagia. *Gastroenterology & Hepatology*. Dec 2015;11(12):815-816. **Family Medicine**.
2. **Arya, R.**, I. Del Rincon, V.S. Farook, J.F. Restrepo, D.A. Winnier, M.J. Fourcaudot, D.F. Battafarano, **M. de Almeida**, **S. Kumar**, **J.E. Curran**, **C.P. Jenkinson**, **J. Blangero**, **R. Duggirala**, and A. Escalante. Genetic Variants Influencing Joint Damage in Mexican Americans and European Americans with Rheumatoid Arthritis. *Genetic Epidemiology*. Dec 2015;39(8):678-688. doi:10.1002/gepi.21938. **Human Genetics**.
3. Atkinson, E.G., J. Rogers, **M.C. Mahaney**, L.A. Cox, and J.M. Cheverud. Cortical Folding of the Primate Brain: An Interdisciplinary Examination of the Genetic Architecture, Modularity, and Evolvability of a Significant Neurological Trait in Pedigreed Baboons (Genus Papio). *Genetics*. Jun 2015;200(2):651-665. doi:10.1534/genetics.114.173443. **Human Genetics**.
4. Benton, M.C., R.A. Lea, D. Macartney-Coxson, C. Bellis, M.A. Carless, **J.E. Curran**, M. Hanna, D. Eccles, G.K. Chambers, **J. Blangero**, and L.R. Griffiths. Serum Bilirubin Concentration Is Modified by Ugt1a1 Haplotypes and Influences Risk of Type-2 Diabetes in the Norfolk Island Genetic Isolate. *BMC Genetics*. Dec 2 2015;16:136. doi:10.1186/s12863-015-0291-z. **Human Genetics**.
5. Benton, M.C., S. Stuart, C. Bellis, D. Macartney-Coxson, D. Eccles, **J.E. Curran**, G. Chambers, **J. Blangero**, R.A. Lea, and L.R. Griffiths. 'Mutiny on the Bounty': The Genetic History of Norfolk Island Reveals Extreme Gender-Biased Admixture. *Investigative Genetics*. 2015;6:11. doi:10.1186/s13323-015-0028-9. **Human Genetics**.
6. **Diego, V.P.**, R.N. de Chaves, **J. Blangero**, M.C. de Souza, D. Santos, T.N. Gomes, F.K. dos Santos, R. Garganta, P.T. Katzmarzyk, and J.A. Maia. Sex-Specific Genetic Effects in Physical Activity: Results from a Quantitative Genetic Analysis. *BMC Medical Genetics*. Aug 1 2015;16:58. doi:10.1186/s12881-015-0207-9. **Human Genetics**.
7. Gribble, M.O., V.S. Voruganti, S.A. Cole, K. Haack, P. Balakrishnan, **S.L. Laston**, M. Tellez-Plaza, K.A. Francesconi, W. Goessler, J.G. Umans, D.C. Thomas, F. Gilliland, K.E. North, N. Franceschini, and A. Navas-Acien. Linkage Analysis of Urine Arsenic Species Patterns in the Strong Heart Family Study. *Toxicological Sciences*. Nov 2015;148(1):89-100. doi:10.1093/toxsci/kfv164. **Human Genetics**.
8. Huang, Y.S., V. Ramensky, S.K. Service, A.J. Jasinska, Y. Jung, O.W. Choi, R.M. Cantor, N. Juretic, J. Wasserscheid, J.R. Kaplan, M.J. Jorgensen, T.D. Dyer, K. Dewar, **J. Blangero**, R.K. Wilson, W. Warren, G.M. Weinstock, and N.B. Freimer. Sequencing Strategies and Characterization of 721 Vervet Monkey Genomes for Future Genetic Analyses of Medically Relevant Traits. *BMC Biology*. Jun 20 2015;13:41. doi:10.1186/s12915-015-0152-2. **Human Genetics**.
9. Kringel, H., S.M. Thamsborg, H.H. Petersen, **H.H. Göring**, P. Skallerup, and P. Nejsum. Serum Antibody Responses in Pigs Trickle-Infected with *Ascaris* and *Trichuris*: Heritabilities and Associations with Parasitological Findings. *Veterinary Parasitology*. Jul 30 2015;211(3-4):306-311. doi:10.1016/j.vetpar.2015.06.008. **Human Genetics**.
10. **Kulkarni, H.**, **M.Z. Kos**, J. Neary, T.D. Dyer, J.W. Kent, Jr., **H.H. Göring**, S.A. Cole, A.G. Comuzzie, L.

Almasy, **M.C. Mahaney, J.E. Curran, J. Blangero**, and M.A. Carless. Novel Epigenetic Determinants of Type 2 Diabetes in Mexican-American Families. *Human Molecular Genetics*. Sep 15 2015;24(18):5330-5344. doi:10.1093/hmg/ddv232. **Human Genetics**.

11. **Laston, S.L.**, V.S. Voruganti, K. Haack, V.O. Shah, A. Bobelu, J. Bobelu, D. Ghahate, A.M. Harford, S.S. Paine, F. Tentori, S.A. Cole, J.W. MacCluer, A.G. Comuzzie, and P.G. Zager. Genetics of Kidney Disease and Related Cardiometabolic Phenotypes in Zuni Indians: The Zuni Kidney Project. *Frontiers in Genetics*. 2015;6:6. doi:10.3389/fgene.2015.00006. **Human Genetics**.

12. Poldrack, R.A., T.O. Laumann, O. Koyejo, B. Gregory, A. Hover, M.Y. Chen, K.J. Gorgolewski, J. Luci, S.J. Joo, R.L. Boyd, S. Hunicke-Smith, Z.B. Simpson, T. Caven, V. Sochat, J.M. Shine, E. Gordon, A.Z. Snyder, B. Adeyemo, S.E. Petersen, D.C. Glahn, D. Reese McKay, **J.E. Curran, H.H. Göring, M.A. Carless, J. Blangero**, R. Dougherty, A. Leemans, D.A. Handwerker, L. Frick, E.M. Marcotte, and J.A. Mumford. Long-Term Neural and Physiological Phenotyping of a Single Human. *Nature Communications*. Dec 9 2015;6:8885. doi:10.1038/ncomms9885. **Human Genetics**.

13. Rodriguez-Acevedo, A.J., M.A. Ferreira, M.C. Benton, M.A. Carless, **H.H. Göring, J.E. Curran, J. Blangero**, R.A. Lea, and L.R. Griffiths. Common Polygenic Variation Contributes to Risk of Migraine in the Norfolk Island Population. *Human Genetics*. Oct 2015;134(10):1079-1087. doi:10.1007/s00439-015-1587-9. **Human Genetics**.

14. Shi, Q. and **J.L. VandeBerg**. Experimental Approaches to Derive Cd34+ Progenitors from Human and Nonhuman Primate Embryonic Stem Cells. *American Journal of Stem Cells*. 2015;4(1):32-37. **Human Genetics**.

15. Spieker, E.A., P. Kochunov, L.M. Rowland, E. Sprooten, A.M. Winkler, R.L. Olvera, L. Almasy, **R. Duggirala**, P.T. Fox, **J. Blangero**, D.C. Glahn, and **J.E. Curran**. Shared Genetic Variance between Obesity and White Matter Integrity in Mexican Americans. *Frontiers in Genetics*. 2015;6:26. doi:10.3389/fgene.2015.00026. **Human Genetics**.

16. Sprooten, E., C.N. Gupta, E.E. Knowles, D.R. McKay, S.R. Mathias, **J.E. Curran**, J.W. Kent, Jr., M.A. Carless, **M.A. Almeida**, T.D. Dyer, **H.H. Göring**, R.L. Olvera, P. Kochunov, P.T. Fox, **R. Duggirala**, L. Almasy, V.D. Calhoun, **J. Blangero**, J.A. Turner, and D.C. Glahn. Genome-Wide Significant Linkage of Schizophrenia-Related Neuroanatomical Trait to 12q24. *American Journal of Medical Genetics. Part B: Neuropsychiatric Genetics*. Dec 2015;168(8):678-686. doi:10.1002/ajmg.b.32360. **Human Genetics**.

17. **Fang, X.Q.**, H. Qiao, B.R. Groveman, S. Feng, M. Pflueger, W.K. Xin, M.K. Ali, S.X. Lin, J. Xu, F. Duclot, M. Kabbaj, W. Wang, X.S. Ding, T. Santiago-Sim, X.H. Jiang, M.W. Salter, and X.M. Yu. Regulated Internalization of Nmda Receptors Drives Pkd1-Mediated Suppression of the Activity of Residual Cell-Surface Nmda Receptors. *Molecular Brain*. Nov 19 2015;8(1):75. doi:10.1186/s13041-015-0167-1. **Molecular Science**.

18. Ji, X., C. Zhang, A. Kuang, J. Li, Y. Cui, K. Qin, L. Lin, **B. Cheng**, Q. Zhang, and Y. Wei. Morphological Diversity of Cultured Cold-Active Lytic Bacteriophages Isolated from the Napahai Plateau Wetland in China. *Virologica Sinica*. Dec 2015;30(6):457-459. doi:10.1007/s12250-015-3674-4. **Molecular Science**.

19. Junco, J.J., A. Mancha-Ramirez, G. Malik, S.J. Wei, **D.J. Kim**, H. Liang, and T.J. Slaga. Ursolic Acid and

Resveratrol Synergize with Chloroquine to Reduce Melanoma Cell Viability. *Melanoma Research*. Apr 2015;25(2):103-112. doi:10.1097/cmr.000000000000137. **Molecular Science**.

20. Lee, H., **M. Kim**, **L.D. Morales**, P.K. Riggs, J. DiGiovanni, and **D.J. Kim**. Constitutive Activation of Stat3 in Mouse Epidermis Is Linked to Hair Deficiency and Cytoskeletal Network Damage. *Experimental Dermatology*. Oct 2015;24(10):796-798. doi:10.1111/exd.12744. **Molecular Science**.

21. Lee, H., **L.D. Morales**, T.J. Slaga, and **D.J. Kim**. Activation of T-Cell Protein-Tyrosine Phosphatase Suppresses Keratinocyte Survival and Proliferation Following Uvb Irradiation. *Journal of Biological Chemistry*. Jan 2 2015;290(1):13-24. doi:10.1074/jbc.M114.611681. **Molecular Science**.

22. **Rengasamy, P.**, *Critical Periods of Development in Teratology*, in *Developmental and Reproductive Toxicology*. 2015, Springer. p. 17-42. **Molecular Science**.

23. Howard, D.J., S.A. Coovert, M.D. Coovert, and **R.M. Nelson**. Tablet Computing in Clinical Training of Pediatric Residents. *Telemedicine Journal and e-Health*. Jul 2015;21(7):588-592. doi:10.1089/tmj.2014.0130. **Pediatrics**.