Curriculum Vitae

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Education

1973	B.S. Chemistry, Kansas State University (Magna Cum Laude)
1976	M.S. Chemistry, University of Illinois, Urbana-Champaign
1977	Ph.D. Analytical Chemistry, University of Illinois, Urbana-Champaign
2016	M.S. Bioinformatics, Johns Hopkins University, Baltimore

Academic Appointments

2014-2016 ***Postdoctoral Fellow, Department of Medicine, Division of Endocrinology, Diabetes & Nutrition, University of Maryland School of Medicine***

- Developed web-based systems for annotation of genomic variants and for storing/searching association results for Amish phenotypes.
- Developed methods for combining Exome Chip genotyping from multiple sources and collaborated with Wellcome-Trust-Sanger to resolve genotyping issues.
- Developed automated pipelines for running association analyses, generating Manhattan & QQ plots and loading results into the Amish results database.

2016-present ***Assistant Professor, Department of Medicine, University of Maryland School of Medicine***

Enabling the process of biological discovery by developing high-speed, automated approaches for analyzing genotype and phenotype associations combined with tools for searching, visualizing, and understanding associations.

Industry Appointments

1977-1999 E. I. DuPont de Nemours & Company, Inc., CR&D and Agricultural Products

1977-1981 ***Scientific Computer Applications Specialist & Supervisor***

1981-1983 ***Supervisor, Computer Applications, Toxicology Laboratory***

- Provided “first-time” automation/computerization for DuPont Haskell Laboratory’s toxicology and pathology research.
- Trained and coached a diverse set of scientific professionals from many nationalities through their first experiences with computers.

1983-1985 ***Consulting Services Manager for Scientific Computing Research***

- Recruited scientists and engineers for a new Consulting Services organization and managed the organization’s startup.

Supervised and mentored this group as they provided scientific computing to a diverse group of 5,000 scientists, engineers, and technicians at a large corporate research facility.
Mentored professionals in the division's Training organization as they developed and delivered computer training for the scientific community.

1985-1988 ***Research Supervisor, Chemical & Biological R&D Computer Services***
Managed group of twelve software engineers addressing the urgent needs of a dual-site R&D organization of 600 people who were, at the time, using a multitude of unconnected systems.
Based on solicited input from researchers and supervisors, developed an integrated approach for using data base management to store/query chemical and biological data with graphical display of chemical structures.

1988-1991 ***Manager, Manufacturing Information Systems, Agricultural Products***
1991-1993 ***Supply Chain Manager, Supply Chain Optimization, Agricultural Products***
1994-1999 ***Operations Manager, Global Production Scheduling, Agricultural Products***

2005-2013 Business Process Manager - Supply Planning - DuPont Crop Protection
As Global Process Leader, worked with regional leaders and global supply planners to develop a globally integrated, step-by-step process for planning DuPont Crop Protection's global supply chains using the SAP/APO software. The global core team included Accenture consultants from the US, Spain and India as well as regional process leaders in Europe, Asia-Pacific, Latin America and North America. The team represented 40 master schedulers located throughout the globe. Implementation included training development & delivery to global and regional planners.
Directed the work of Accenture consultants to enhance the functionality and reliability of the Supply Planning automation software (SAP/APO).
Built a Confluence website to maintain documentation on business processes and training related to Supply Planning and the use of SAP/APO.

Small Business Development - Sole Proprietorship

2000-2005 Owner/Manager of a Business for Web Site Development
Established a web site company, WhisperWorks, LLC, for developing and hosting web sites for small businesses located across the US.
Designed and maintained web sites for 34 businesses in 18 states.
Managed all aspects of the business from "marketing" to "production" to "accounting and tax".

Certifications

1980	Good Laboratory Practices & Validation of Computer Systems
1994	IBM Process Analysis Techniques
2005	Six Sigma Training & Certification
2011	Lean Manufacturing Supply Management
2014-ongoing	CITI Good Clinical Practice, Protection of Human Subjects
2014-ongoing	HIPAA Compliance Training

Professional Society Membership
2013-2023 The American Society of Human Genetics

Peer-reviewed Publications

1. O'Hare EA, Yerges-Armstrong LM, **Perry JA**, Shuldiner AR, Zaghloul NA. Assignment of Functional Relevance to Genes at Type 2 Diabetes-Associated Loci Through Investigation of β-Cell Mass Deficits, Mol. Endocrinol. 2016 Apr;30(4):429-45. Epub 2016 Mar 10. PMID:26963759
2. Tise CG, **Perry JA**, Anforth LE, Pavlovich MA, Backman JD, Ryan KA, Lewis JP, O'Connell JR, Yerges-Armstrong LM, Shuldiner AR. From Genotype to Phenotype: Nonsense Variants in SLC13A1 Are Associated with Decreased Serum Sulfate and Increased Serum Aminotransferases. G3 (Bethesda). 2016 Sep 8;6(9):2909-18. doi: 10.1534/g3.116.032979. PubMed PMID: 27412988
3. Salimi S, Lewis JP, Yerges-Armstrong LM, Mitchell BD, Saeed F, O'Connell JR, **Perry JA**, Ryan KA, Shuldiner AR, Parsa A. Clopidogrel Improves Skin Microcirculatory Endothelial Function in Persons With Heightened Platelet Aggregation. J Am Heart Assoc. 2016 Oct 31;5(11). pii: e003751. PubMed PMID:27799230
4. Tise CG, Anforth LE, Zhou AE, **Perry JA**, McArdle PF, Streeten EA, Shuldiner AR, Yerges-Armstrong LM. Sex-specific effects of serum sulfate level and SLC13A1 nonsense variants on DHEA homeostasis. Mol Genet Metab Rep. 2017 Jan 27;10:84-91. doi: 10.1016/j.ymgmr.2017.01.005. PubMed PMID: 28154797.
5. Wang X, Salimi S, Deng Z, **Perry J**, Ryan KA, Li Z, Liu D, Streeten E, Shuldiner AR, Fu M. Evaluation of WISP1 as a candidate gene for bone mineral density in the Old Order Amish. Sci Rep. 2018 May 8;8(1):7141. doi: 10.1038/s41598-018-25272-4. PubMed PMID: 29739999; PubMed Central PMCID: PMC5940677.
6. Natarajan P, Peloso GM, Zekavat SM, Montasser M, Ganna A, Chaffin M, Khera AV, Zhou W, Bloom JM, Engreitz JM, Ernst J, O'Connell JR, Ruotsalainen SE, Alver M, Manichaikul A, Johnson WC, **Perry JA**, Poterba T, Seed C, Surakka IL, Esko T, Ripatti S, Salomaa V, Correa A, Vasan RS, Kellis M, Neale BM, Lander ES, Abecasis G, Mitchell B, Rich SS, Wilson JG, Cupples LA, Rotter JI, Willer CJ, Kathiresan S; NHLBI TOPMed Lipids Working Group. Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. Nat Commun. 2018 Aug 23;9(1):3391. doi: 10.1038/s41467-018-05747-8. PubMed PMID: 30140000; PubMed Central PMCID: PMC6107638.
7. Montasser ME, O'Hare EA, Wang X, Howard AD, McFarland R, **Perry JA**, Ryan KA, Rice K, Jaquish CE, Shuldiner AR, Miller M, Mitchell BD, Zaghloul NA, Chang YC. An APOO Pseudogene on Chromosome 5q Is Associated With Low-Density Lipoprotein Cholesterol Levels. Circulation. 2018 Sep 25;138(13):1343-1355. doi: 10.1161/CIRCULATIONAHA.118.034016. PubMed PMID: 29593015; PubMed Central PMCID: PMC6162188.
8. Kraja AT, Liu C, Fetterman JL, Graff M, Have CT, Gu C, Yanek LR, … **Perry JA**, … Levy D, Loos RJF, Dehghan A, Elliott P, Malik AN, Scott RA, Becker DM, de Andrade M, Province MA, Meigs JB, Rotter JI, North KE. Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. Am J Hum Genet. 2019 Jan 3;104(1):112-138. doi: 10.1016/j.ajhg.2018.12.001. Epub 2018 Dec 27. PubMed PMID: 30595373; PubMed Central PMCID: PMC6323610.
9. Sarnowski C, Leong A, Raffield LM, Wu P, de Vries PS, DiCorpo D, Guo X, Xu H, Liu Y, Zheng X, Hu Y, Brody JA, Goodarzi MO, Hidalgo BA, Highland HM, Jain D, Liu CT, Naik RP, O'Connell JR, **Perry JA**, Porneala BC, Selvin E, Wessel J, Psaty BM, Curran JE, Peralta JM, Blangero J, Kooperberg C, Mathias R, Johnson AD, Reiner AP, Mitchell BD, Cupples LA, Vasan RS, Correa A, Morrison AC, Boerwinkle E, Rotter JI, Rich SS, Manning AK, Dupuis J, Meigs JB. Impact of Rare and Common Genetic Variants on Diabetes Diagnosis by Hemoglobin A1c in Multi-Ancestry Cohorts: The Trans-Omics for Precision Medicine Program. Am J Hum Genet. 2019 Oct 3;105(4):706-718. doi: 10.1016/j.ajhg.2019.08.010. Epub 2019 Sep 26. PubMed PMID: 31564435.
10. Michael D. Kessler, Douglas P. Loesch, **James A. Perry**, Nancy L. Heard-Costa, Brian E. Cade, Heming Wang, Michelle Daya, John Ziniti, Soma Datta, Juan C. Celedon, Manuel E. Soto-Quiros, Lydiana Avila, Scott T. Weiss, Kathleen Barnes, Susan S. Redline, Ramachandran Vasan, Andrew D. Johnson, Rasika A. Mathias, Ryan Hernandez, James G. Wilson, Deborah A. Nickerson, Goncalo Abecasis, Sharon R. Browning, Sebastian Sebastian Zoellner, Jeffrey R. O'Connell, Braxton D.

Mitchell, Timothy D. O'Connor De novo mutations across 1,465 diverse genomes reveal novel mutational insights and reductions in the Amish founder population. Proc Natl Acad Sci U S A. 2020 Feb 4;117(5):2560-2569. doi: 10.1073/pnas.1902766117.

11. Bridget Lin, Kelsey E Grinde, Jennifer Brody, Charles E Breeze, Laura M Raffield, Tim Thornton, Joe Mychaleckyj, **James A Perry**, [co-authors], Stephen S Rich, Dan-Yu Lin, Sharon Browning, Nora Franceschini Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. EBioMedicine, Volume 63, 2021, 103157, ISSN 2352-3964, https://doi.org/10.1016/j.ebiom.2020.103157.
12. Streeten EA, See VY, Jeng LBJ, Maloney KA, Lynch M, Glazer AM, Yang T, Roden D, Pollin TI, Daue M, Ryan KA, Van Hout C, Gosalia N, Gonzaga-Jauregui C, Economides A, **Perry JA**, O'Connell J, Beitelshees A, Palmer K, Mitchell BD, Shuldiner AR; Regeneron Genetics Center*. *KCNQ1* and Long QT Syndrome in 1/45 Amish: The Road From Identification to Implementation of Culturally Appropriate Precision Medicine. Circ Genom Precis Med. 2020 Dec;13(6):e003133. doi: 10.1161/CIRCGEN.120.003133. Epub 2020 Nov 3. PMID: 33141630; PMCID: PMC7748050.
13. Natarajan, P., Pampana, A., Graham, S. E., Ruotsalainen, S. E., **Perry, J. A.,** de Vries, P. S., Broome, J. G., Pirruccello, J. P., Honigberg, M. C., Aragam, K., Wolford, B., Brody, J. A., Antonacci-Fulton, L., Arden, M., Aslibekyan, S., Assimes, T. L., Ballantyne, C. M., Bielak, L. F., Bis, J. C., Cade, B. E., … Peloso, G. M. (2021). Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. Nature communications, 12(1), 2182. https://doi.org/10.1038/s41467-021-22339-1
14. Scalsky RJ, Chen YJ, Desai K, O'Connell JR, **Perry JA***, Hong CC*. (*****Co-Senior Authors) Baseline cardiometabolic profiles and SARS-CoV-2 infection in the UK Biobank. PLoS ONE 2021; 16: 30248602. ***Subject of coverage by numerous media outlets, including Fox News, Times of India, The Tribune India, Hindustan Times, and Verywell Health, among others***.
15. Tamara Ashvetiya, Sherry X Fan, Yi-Ju Chen, Charles H Williams, Jeffery R. O'Connell, **James A Perry***, Charles C Hong*****. (*****Co-Senior Authors) Identification of novel genetic susceptibility loci for thoracic and abdominal aortic aneurysms via genome-wide association study using the UK Biobank Cohort. PLoS One. 2021 Sep 1;16(9):e0247287. doi: 10.1371/journal.pone.0247287.
16. Jennifer Wessel, …**James Perry**, Jeffrey R O'Connell, … Alisa Manning. Rare Non-coding Variation Identified by Large Scale Whole Genome Sequencing Reveals Unexplained Heritability of Type 2 Diabetes: Trans-Omics for Precision Medicine (TOPMed) Program. medRxiv 2020.11.13.20221812; doi: https://doi.org/10.1101/2020.11.13.20221812
17. **James A Perry**, Brady J Gaynor, Braxton D Mitchell, Jeffrey R O'Connell, An Omics Analysis, Search and Information System (OASIS) for Enabling Biological Discovery in the Old Order Amish. bioRxiv 2021.05.02.442370; doi: https://doi.org/10.1101/2021.05.02.442370
18. Wan, Xuesi, **James Perry**, Haichen Zhang, Feng Jin, Kathleen A. Ryan, Cristopher Van Hout, Jeffrey Reid et al. Heterozygosity for a Pathogenic Variant in SLC12A3 That Causes Autosomal Recessive Gitelman Syndrome Is Associated with Lower Serum Potassium. Journal of the American Society of Nephrology 32, no. 3 (2021): 756-765.
19. May Montasser, Cristopher Van Hout, … **James Perry**, … Alan Shuldiner. Genetic and functional evidence links a missense variant in B4GALT1 to lower LDL and fibrinogen. Science. 2021 Dec 3; 374(6572): 1221-1227. doi: 10.1126/science.abe0348 PMID: 34855475
20. Chuang NT, Gardner EJ, Terry DM, Crabtree J, Mahurkar AA, Rivell GL, Hong CC, **Perry JA**, Devine SE. Mutagenesis of human genomes by endogenous mobile elements on a population scale. Genome Res. 2021 Nov 12. doi: 10.1101/gr.275323.121. PMID: 34772701.
21. Lin, B.M., Grinde, K.E., Brody, J.A., Breeze, C.E., Raffield, L.M., Mychaleckyj, J.C., Thornton, T.A., **Perry, J.A.,** Baier, L.J., de Las Fuentes, L. and Guo, X., 2021. Whole genome sequence analyses of eGFR in 23,732 people representing multiple ancestries in the NHLBI trans-omics for precision medicine (TOPMed) consortium. EBioMedicine, 63, p.103157.

22. Margaret A Taub, Matthew P Conomos, …, Jeff O'Connell, … **James A Perry**, Mary Armanios, Nathan Pankratz, Alexander P Reiner, Rasika A Mathias. Novel genetic determinants of telomere length from a trans-ethnic analysis of 109,122 whole genome sequences in TOPMed. *Cell Genomics* 2, no. 1 (2022): 100084

23. Ryan J. Scalsky, Yi-Ju Chen, Zhekang Ying, **James A. Perry***,* Charles C. Hong*****. (*****Co-Senior Authors) The Social and Natural Environment's Impact on SARS-CoV-2 Infections in the UK Biobank. Int. J. Environ. Res. Public Health 2022, 19(1), 533; https://doi.org/10.3390/ijerph19010533

24. Alex Gyftopoulos, Yi-Ju Chen, Libin Wang, Charles H. Williams, Young Wook Chun, Jeffery R. O'Connell, **James A. Perry*,** Charles C. Hong*. (*****Co-Senior Authors) Identification of Novel Genetic Variants and Comorbidities Associated with ICD-10-based Diagnosis of Hypertrophic Cardiomyopathy using the UK Biobank Cohort. Front Genet. 2022 May 24;13:866042. doi: 10.3389/fgene.2022.866042. PMID: 35685441; PMCID: PMC9171016.

25. May E. Montasser, Stella Aslibekyan, Vinodh Srinivasasainagendra, Hemant K. Tiwari, Amit Patki, Minoo Bagheri, Tobias Kind, Dinesh Kumar Barupal, Sili Fan, **James A. Perry**, Kathleen A. Ryan, Alan R. Shuldiner, Donna K. Arnett, Amber L. Beitelshees, Marguerite Ryan Irvin, Jeffrey R. O'Connell. An Amish founder population reveals rare-population genetic determinants of the human lipidome. Commun Biol 5, 334 (2022). https://doi.org/10.1038/s42003-022-03291-2

26. Thomas Jaworek, Huichun Xu, Brady Gaynor, John Cole, … **James Perry**, … Braxton Mitchell, and Steven Kittner. Genetic Contributions to Early and Late Onset Ischemic Stroke. NEUROLOGY, June 2022.

27. Fahad Alkhalfan, Alex Gyftopoulos, Yi-Ju Chen, Charles H. Williams, **James A. Perry*,** Charles C. Hong*. (*****Co-Senior Authors) Identifying genetic variants associated with the ICD10 (International Classification of Diseases10)-based diagnosis of cerebrovascular disease using a large-scale biomedical database. PLoS One. 2022 Aug 22;17(8):e0273217. doi: 10.1371/journal.pone.0273217. PMID: 35994481

28. DiCorpo D, Gaynor SM, Russell EM, Westerman KE, Raffield LM, Majarian TD, Wu P, …, **Perry JA**, O'Connell JR, … Meigs JB, Wessel J, Manning AK. Whole genome sequence association analysis of fasting glucose and fasting insulin levels in diverse cohorts from the NHLBI TOPMed program. Commun Biol. 2022 Jul 28;5(1):756. doi: 10.1038/s42003-022-03702-4. PMID: 35902682

29. Li JH, **Perry JA**, Jablonski KA, Srinivasan S, Chen L, Todd JN, Harden M, Mercader JM, Pan Q, Dawed AY, Yee SW. Identification of Genetic Variation Influencing Metformin Response in a Multi-Ancestry Genome-Wide Association Study in the Diabetes Prevention Program (DPP). Diabetes. 2022 Dec 16:db220702.

30. Xu H, Nguyen K, Gaynor BJ, …**, Perry JA**, Hong CC, Cole JW, …, Kittner SJ, Mitchell BD; SiGN Consortium. Exome Array Analysis of 9721 Ischemic Stroke Cases from the SiGN Consortium. Genes (Basel). 2022 Dec 24;14(1):61. doi: 10.3390/genes14010061. PMID: 36672803.

31. Pu A, Ramani G, Chen YJ, **Perry JA***, Hong CC*.(*Co-Senior Authors) Identification of Novel Genetic Variants, Including PIM1 and LINC01491, With ICD-10 Based Diagnosis of Pulmonary Arterial Hypertension in the UK Biobank Cohort. Frontiers in Drug Discovery. 2023 Jan 24;3:2.

32. Lynch MT, Maloney KA, Xu H, **Perry JA**, Shuldiner AR, Mitchell BD. Associations of genome-wide and regional autozygosity with 96 complex traits in old order Amish. BMC genomics. 2023 Dec;24(1):1-9.

33. Baloh CH, Kanchan K, Shankar G, Nepom GT, Mathias RA, **Perry JA**. Omics-oriented research illustrated with the LEAP study and the OASIS bioinformatics tool. Journal of Allergy and Clinical Immunology. 2023 Feb 1;151(2):416-9.

34. Shylaja Srinivasan, … Josephine H. Li, **James A. Perry**, … Toni Pollin, Jose C. Florez, Initial Insights into the Genetic Variation Associated with Metformin Treatment Failure in Youth with Type 2 Diabetes, Pediatric Diabetes, Article ID 8883199, 2023. https://doi.org/10.1155/2023/8883199

Abstracts and Presentations

1. Perry CG, **Perry JA**, O'Connell JR, Yerges-Armstrong LM, Shuldiner AR. Filtering for Genomic Nonsense to Find Biological Significance: SLC13A1 Nonsense Variants Enriched in Founder Population are Associated with Reduced Serum Sulfate and Increased Aspartate Aminotransferase Levels. Oral Presentation, Annual Meeting of The American Society of Human Genetics, October 2014, San Diego, CA.
2. Taylor SI, **Perry JA**, Ryan K, Perry CG, Damcott CM, Horenstein RB, Mitchell B, O'Connell JR, O'Conner TD, Pollin TI, Silver KD, Yerges-Armstrong LM, Shuldiner AR. Genetic Variant (R27S) In Insulin-like Peptide 5 Is Associated With Increased Insulin Sensitivity. Poster presentation, American Diabetes Association Scientific Sessions, June 2015, Boston, MA.
3. O'Hare EA, Yerges-Armstrong LM, **Perry JA**, Shuldiner AR, Zaghloul NA. Functional analyses of type 2 diabetes-associated loci provides mechanistic insight into genetic susceptibility. Oral Presentation, Annual Meeting of The American Society of Human Genetics, October 2015, Baltimore, MD.
4. Wang X, Yerges-Armstrong LM, Deng ZL, **Perry JA**, Hong C, Parihar A, Wang H, Zhu YB, Hu ZY, Streeten EA, Shuldiner AR, Mitchell BD, Fu M. Identification of genetic variants in Wnt-1-induced secreted protein 1 gene associated with bone mineral density in Old Order Amish. Poster Presentation, Annual Meeting of The American Society of Human Genetics, October 2015, Baltimore, MD.
5. **Perry JA**, Ryan KA, Mitchell BD, O'Connell JR. OASIS: Omics Analysis, Search and Information System for Biological Discovery in Whole-Genome Sequence and Trans-Omics Datasets. Poster Presentation, Annual Meeting of The American Society of Human Genetics, October 2017, Orlando, FL.
6. **Perry JA**, OASIS: Omics Analysis, Search and Information System for Biological Discovery in TOPMed Whole-Genome Sequence and Trans-Omics Datasets. Oral Presentation, TOPMed Steering Committee and External Advisory Panel meeting, November 2017, Tysons, VA.
7. **Perry JA**, An Interactive Analysis Platform - OASIS: Omics Analysis, Search and Information System for Biological Discovery in TOPMed Whole-Genome Sequence and Trans-Omics Datasets. Oral Presentation, GSP-TOPMed Analysis Workshop, January 2018, Nashville, TN.
8. **Perry JA**, Manning AK, Majarian TD, Wessel J, Loesch DP, O'Connell JR. An Omics Analysis, Search and Information System (OASIS) for Enabling Discovery in the Trans-Omics for Precision Medicine (TOPMed) Diabetes Working Group. Poster Presentation, Cohorts for Heart & Aging Research in Genomic Epidemiology (CHARGE) Consortium Investigator Meeting, October 2018, Baltimore, MD.
9. **Perry JA**, Manning AK, Majarian TD, Wessel J, Loesch DP, O'Connell JR. An Omics Analysis, Search and Information System (OASIS) for Enabling Discovery in the Trans-Omics for Precision Medicine (TOPMed) Diabetes Working Group. Poster Presentation, Annual Meeting of The American Society of Human Genetics, October 2018, San Diego, CA.
10. **Perry JA**, Manning AK, Majarian TD, Wessel J, Loesch DP, O'Connell JR. An Omics Analysis, Search and Information System (OASIS) for Enabling Discovery in the Trans-Omics for Precision Medicine (TOPMed) Diabetes Working Group. Poster, Video & Podium Presentations, TOPMed Steering Committee and External Advisory Panel meeting, December 2018, Tysons, VA.
11. Tise CG, Kleinberger JW, Pavlovich MA, Daue ML, Loesch DP, Reid JG, Overton JD, O'Connell JR, **Perry JA**, Yerges-Armstrong LM, Shuldiner AR, Zaghloul NA. Autism in the Amish: Exome Sequencing Unveils Novel Coding Variant. Journal of Investigative Medicine, 2019 Vol. 67 (1), 238, abstract #405.
12. Pradeep Natarajan, **James Perry**, Akhil Pampana, Jai Broome, Jeff O'Connell, Fei Fei Wang, Alyna Khan, May Montasser, Lawrence Bielak, Daniel Weeks, Lisa Yanek, Juan Peralta, Stella Aslibekyan, Nicholette D. Allred, Brian E. Cade, Paul de Vries, Joshua Bis, Charles Kooperberg, James Wilson, Adolfo Correa, Debbie Nickerson, Gail Jarvik, L. Adrienne Cupples, Donna Arnett, Braxton Mitchell, Cathy Laurie, Stephen S. Rich, Jerome I. Rotter, Sekar Kathiresan, Cristen Willer, Gina M. Peloso; on

behalf of the NHLBI TOPMed Lipids Working Group. Whole genome sequence association with plasma lipids in 42,658 individuals. AHA Poster Nov 2018

13. Natarajan P, Pampana A, Graham S, Klarin D, **Perry J**, Willer C, Peloso GM, on behalf of the TOPMed Lipids Working Group. An X Chromosome Genetic Association Analysis Identifies Variants in ChrXq23 with Lower Atherogenic Lipids and Lower Risk for Coronary Heart Disease. AHA Poster Nov 2019
14. Margaret Taub, Joshua Weinstock, Kruthika Iyer, Lisa R. Yanek, Matthew P. Conomos, Marios Arvanitis, Ali R. Keramati, John Lane, Tom Blackwell, Cecelia Laurie, Timothy Thornton, Alexis Battle, **James A. Perry**, Nathan Pankratz, Alexander Reiner, Rasika A. Mathias, on behalf of the NHLBI TOPMed Consortium. Thirteen novel genetic loci identified for telomere length leveraging 75K whole genome sequences in the Trans-Omics for Precision Medicine (TOPMed) Program. Podium Presentation, Annual Meeting of The American Society of Human Genetics, Oct 2019, Houston, TX.
15. **Perry JA**, Mitchell BD, O'Connell JR. An Omics Analysis, Search and Information System (OASIS) for Mining Association Summary Statistics from Biobanks and Knowledge Portals. Poster Presentation, Annual Meeting of The American Society of Human Genetics, Oct 2019, Houston, TX.
16. **Perry JA**, Mitchell BD, O'Connell JR. Mining Association Analysis Results from the UK Biobank Resource with an Omics Analysis, Search and Information System (OASIS). Poster and Virtual Presentations, Mid-Atlantic Nutrition and Obesity Research Center Annual Symposium, Nov 2020, Baltimore, MD.
17. Alex Gyftopoulos, Yi-Ju Chen, Libin Wang, Charles H Williams, Young Wook Chun, **James A Perry**, Charles C Hong. Abstract 13296: Risk Loci of Hypertrophic Cardiomyopathy Identified via the UK Biobank. Circulation 142(Suppl_3): A13296-A13296.