**CURRICULUM VITAE**

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Professor, Department of Medicine

Vice Division Chief for Research, Division of Endocrinology, Diabetes and Nutrition

University of Maryland School of Medicine

DATE: October 2019

CONTACT INFORMATION:

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EDUCATION:

1974-1978 Princeton University, Princeton, New Jersey, A.B. in Psychology (cum laude)

1981-1982 University of Michigan, Ann Arbor, Michigan, M.P.H. in Epidemiology

1983-1987 University of Michigan, Ann Arbor, Michigan, Ph.D. in Epidemiology

1987-1991 Postdoctoral Fellow, Department of Medicine, Division of Clinical Epidemiology, University of Texas Health Science Center, San Antonio, Texas

ACADEMIC APPOINTMENTS:

2014-present Vice Division Chief for Research, Division of Endocrinology, Diabetes & Nutrition, University of Maryland School of Medicine, Baltimore, MD

2000-present Professor, Department of Medicine/Division of Endocrinology, Diabetes & Nutrition, University of Maryland School of Medicine, Baltimore, MD (tenure awarded 2005)

2000-present Professor, Department of Epidemiology and Public Health, University of Maryland School of Medicine, Baltimore, MD

1994-2000 Staff Scientist (1994-96), Associate Scientist (1996-98), Scientist (1999-2000), Southwest Foundation for Biomedical Research, San Antonio, TX

1991-1994 Assistant Professor, Department of Medicine, Division of Clinical Epidemiology, University of Texas Health Science Center, San Antonio, Texas

OTHER PROFESSIONAL APPOINTMENTS:

2005-2013 Track leader, Human Genetics and Genomic Medicine track, Program in Epidemiology and Human Genetics, Graduate Program in Life Sciences, University of Maryland, Baltimore.

2001-present Faculty, University of Maryland, Baltimore Graduate School, University of Maryland, Baltimore.

2001-2014 Scientist (Adjunct), Southwest Foundation for Biomedical Research, San Antonio, TX

1999-2000 Professor (Adjunct), Department of Medicine, Division of Clinical Epidemiology, University of Texas Health Science Center, San Antonio, Texas

AWARDS AND HONORS:

2016 Chairman’s Special Achievement Award, UMSOM Department of Medicine

2012 Research Faculty Teacher of the Year Award. Division of Endocrinology, Diabetes, & Nutrition, Department of Medicine, University of Maryland School of Medicine.

2011 Outstanding Alumnus Award. St. Paul’s School. Brooklandville, MD.

2011 Faculty Mentor Award. Program in Epidemiology and Human Genetics, University of Maryland School of Medicine.

2008 Harry and Jeanette Weinberg Foundation Research Award for American Heart Association Grant-in-Aid "Genes Influencing Susceptibility to Young Onset Stroke"

2006 Faculty Mentor Award. Program in Epidemiology and Human Genetics, University of Maryland School of Medicine.

2000 American Diabetes Association Modan Award (top scoring epidemiology abstract submitted to the Annual Scientific Meetings. (with WHL Kao)

* 1. Diabetes Epidemiology Training Grant (University of Michigan).

1982 Klare Memorial Scholarship (University of Michigan)

SCIENTIFIC REVIEW AND ADVISORY BOARDS:

2013-2018 External Scientific Review Board, Cardiac Health Project (ICHP), Walter Reed National Military Medical Center, Bethesda, MD

2011-present Faculty mentor, Young Investigator Initiative (YII) program, United States/Canada Bone and Joint Decade

2017-2020 Institute for Aging Research (IFAR) External Scientific Advisory Committee

2014-2019 Center for Inherited Disease Research Access Committee [CIDR], NHGRI, standing member (Chair, 2017-2019)

2013-2017 Kidney, Obesity, Nutrition, and Diabetes Study Section [KNOD], standing member

2017 National Institute for Diabetes and Digestive Disorders (NIDDK) Board of Scientific Counselors (ad hoc)

2017 Johns Hopkins University External Review: MD-GEM Predoctoral Training Program

2013 External review of NINDS Biorepository, Bethesda, MD

2002-2006 Cardiovascular and Sleep Epidemiology Study Section [CASE], standing member

2001-2002 Scientific Sessions Planning Committee, American Diabetes Association

AD HOC GRANT REVIEW PANELS:

1996-present NIH study sections, multiple

2000, 2017, 2018 U.S. Department of Veterans Affairs

2018 Swiss National Science Foundation

2018 Health Research Council of New Zealand

2007-2018 Qatar National Research Foundation

2017 U.S. Department of Defense

2010 - 2016 Florida Dept of Health James & Ester King Biomedical Research Program

2007-2019 Medical Research Council (UK)

2013 Diabetes UK

2010 Academy of Finland, Health Research Study Section

1997, 2001-2006 American Institute of Biological Sciences

2005 Wellcome Trust (UK)

2004 Juvenile Diabetes Research Foundation

CONSORTIA LEADERSHIP ACTIVITIES:

2015-present Trans-Omics Program in Precision Medicine (TOPMed) Steering Committee

2016-present TOPMed ELSI Committee (co-convener)

2016-present TOPMed Stroke Working Group (co-convener)

2012-2017 Stroke Genetics Network (SiGN), Analysis Committee (Chair)

2012-present Stroke Genetics Network (SiGN), Steering Committee

2008-2012 Gene and Environment Association Studies (GENEVA) Steering Committee

1998-2004 International Type 2 Diabetes Linkage Analysis Consortium, Steering Committee

1999-2004 IRAS Family Study, Steering Committee

EDITORAL SERVICE:

2017-2018 Current Genetic Medicine Reports (Section editor, Cardiovascular Genetics)

2017- Frontiers in Neurology (Review Editor, Stroke)

2009-2016 Diabetes (Associate Editor)

2011-2014 Diabetes Management (Editorial Advisory board)

2002-2014 Diabetes/Metabolism Research and Reviews (Co-Editor)

2006-2008 Diabetes (Editorial Board member)

1999-2001 Diabetes Care (Editorial Board member)

MANUSCRIPT REVIEWER (last 3 yrs):

Amer J Human Genetics

Annals Human Genetics

Annals Intern Med

Arter Thromb Vasc Biol

Circulation

Circulation Genetics

Diabetes

Diabetes Care

European J Hum Genet

European J Neurol

Frontiers Neurology

Genet Epidemiol

Genetics in Medicine

Human Genetics

Human Molec Genetics

JAMA

J Clin Endocrinol Metab

Mol Vis

Nature

New Eng J Medicine

Osteoarth Cartilage

PLOS Genetics

PLOS One

Seminar Arthr Rheum

Stroke

ABSTRACT REVIEWER (National Meetings):

American Diabetes Assoc Annual Scientific Meetings (1993, 1995, 1998-99, 2001-02, 2011-12, 2020)

American Heart Assoc Annual Scientific Meetings (1999-2001)

International Stroke Conference Meetings (2015 – 2019)

UNIVERSITY SERVICE:

Committees (graduate program):

2006-present Admissions Committee, Program in Epidemiology and Human Genetics, Graduate Program in Life Sciences

2005-present Epidemiology of Aging Oversight Committee

2001-present UMB Graduate faculty

2016,2019 Graduate Research Conference Judge

Committees (School of Medicine/campus):

2017-present General Clinical Research Center Advisory Committee

2015-present External Advisory Committee, Baltimore PKD Center

2011-present Dept of Medicine Strategic Planning Committee

2011-present Advisory Committee, Genomics Core

2008-present Dept of Medicine Promotion and Tenure Committee

2006-present Executive Committee, Nutrition and Obesity Research Center

2003-present Applicant Interviewer, Univ Maryland Medical School

2016 Search Committee, Cancer Epidemiology

2012-2013 Search Committee, Dean for Information Services

2005-2013 External Reviewer, GCRC

2001 Search Committee, Chief Information Officer. University of Maryland, Baltimore

Center Grants:

2005-present Associate Director, Nutrition and Obesity Resarch Center (NORC) 2015-present, and Molecular Genetics and Nutrigenmomics Core Leader, 2005-present

2008-2018 Co-Director, Mid-Atlantic Diabetes Center (DRC 2014-2018, and Molecular Genmetics and Nutrigenmomics Core Leader (2008-2018)

PhD Students (Primary mentor):

Toni Pollin, 2002-04. *The Old Order Amish of Lancaster County: defining the founder structure and mapping metabolic syndrome quantitative trait loci.*

Patrick McArdle, 2004-06. *Genetic determinants of blood pressure variation on Chromosome 2q31-34.*

Hua Ling, 2004-08. *Genetic determinants for metabolic syndrome-related traits in GEMS study.*

Leah MacClellan, 2004-07. *Predictors of stroke in young women: The Stroke Prevention in Young Women Study.*

Magda Tolea, 2004-07. *A comparison of cardiovascular hospitalization rates between Old Order Amish and non-Amish Caucasians.*

Nicole Hoppman, 2005-07. *Fine mapping and functional studies of genes on Chromosome 4p that influence bone mineral density in Mexican Americans.*

Nicole Dueker, 2008-12. *Genetic variation in platelet function as a risk factor for ischemic stroke.*

Xinggang Liu, 2009-12. *Determinants of intrathoracic adipose tissue and its association with cardiovascular disease risk factors in the Old Order Amish.*

Michelle Yau, 2011-15. *Elucidating the phenotypic and genetic architecture of osteoarthritis progression.*

Thomas Jaworek, 2016- *The genetic architecture of early and late onset ischemic stroke.*

Megan Lynch, 2016 –

Shisi (Lydia) He, 2019 -

Post-doctoral Fellows (Primary mentor):

Wen-Chi Hsueh, PhD, 1995-98

Ikhide Imumorin, PhD, 2001-02

Haiqing Shen, PhD, 2005-07

Evadnie Rampersaud, PhD, 2005-07

Yu-Ching Cheng, PhD, 2008-10

Laura Yerges-Armstrong, PhD, 2008-12

May Montasser, PhD, 2009-11

Sarah Stephens, PhD, 2011-12

Huichun Xu, MD, PhD, 2013-15

Shabnam Salimi, AS, MD, MSc, 2015-16

Grace Man Zhang, PhD, 2018-19

RESEARCH GRANTS OBTAINED (PI/MPI):

R01 AR043351 1997-2010 Genetics of bone density in Mexican Americans

R01 HL069313 2001-2006 Joint determinants of bone density and CVD calcification

R01 HL088119 2007-2012 Genetic influences on coronary artery calcification

U01 HG004436 2008-2010 Genetic risk to stroke in smokers and nonsmokers in two ethnic groups

AHA Grant-in-Aid 2008-2010 Genes influencing susceptibility to young onset stroke

RC2 AR058950 2009-2013 Genome-wide association study to identify genetic components of knee OA: the OAI (MPI)

R01 HL121007 2014-2018 Identification and functional characterization of a gene influencing LDL-C on 5q

P30 DK072488 2015-2020 Mid Atlantic Nutrition and Obesity Research Center (NORC) (MPI; grant since 2005)

R01 NS100178 2017-2022 Genetics of ischemic stroke in the SiGN Consortium

R01 NS105150 2017-2022 Genetics of early-onset stroke Consortium (MPI)

INVITED LECTURES:

Regional, National, and International Meetings:

2019 7th Annual Symposium on Advances in Genomics, Epidemiology, and Statistics (SAGES). University of Pennsylvania, Philadelphia, PA.

2018 CHARGE meeting. Keynote Address. Baltimore, MD.

2018 27th Annual Research Matters Conference. Univ of Maryland, Baltimore-Johns Hopkins University, Baltimore, MD

2017 TOPMed Steering Committee Scientific Meeting. Tysons Corner, VA.

2016 TOPMed Steering Committee Scientific Meeting. Alexandria, VA.

2015 Panelist, “Partnering for Progress in Precision Medicine: Public/Private Genomics Collaborations.” New York BIO 25th Anniversary Conference. New York, NY

2013 U.S. Food and Drug Administration. Public Workshop: The Center for Devices and Radiological Health (CDRH) Health of Women (HoW) Program Launch: Educate, Enable, Enlist and Explore - HoW to Improve the Health of Women. Silver Spring, MD

2012 International Stroke Genetics Consortium Workshop. Newcastle, Australia

2012 International Stroke Genetics Consortium Workshop. Krakow, Poland

2011 Preventive Medicine 2011 Annual Conference, San Antonio, TX

2011 International Stroke Genetics Consortium Workshop. Leuven, Belgium

2011 GENEVA Steering Committee Meeting, Washington DC

2010 International Stroke Genetics Consortium Workshop. Edinburgh, Scotland

2010 International Stroke Genetics Consortium Workshop, Cincinnati, OH

2010 GENEVA Steering Committee Meeting, Washington DC

2010 60th Annual Scientific Meetings of the American Society for Human Genetics, Washington DC

2005 The Bare Bones: A Symposium on Bone Health and Osteoporosis, Baltimore, MD

2005 PROGENI Network Analysis Workshop, Baltimore, MD

2005 International Congress on Schizophrenia Research, Savannah, GA

2005 65th Annual Scientific Sessions of the American Diabetes Association. San Diego, CA

2004 American Stroke Association’s 29th International Stroke Conference. San Diego, CA

2004 64th Annual Scientific Sessions of the American Diabetes Association. Orlando, FL

2003 NIH, Grantees investigator meeting. Bethesda, MD

2002 National Institutes of Health, Bethesda, MD

2001 Mid-Atlantic Regional Human Genetics Network (MARHGN) Ann Conference.Annapolis, MD

2001 4th Annual University of Maryland Diabetes Symposium, Joslin Diabetes Center. Baltimore, MD

2000 69th Annual Meeting of the American Association of Physical Anthropologists, San Antonio, TX

2000 60th Annual Scientific Meetings of the American Diabetes Association. San Antonio, TX

2000 25th World Congress of Internal Medicine. Cancun, MX

1999 59th Annual Scientific Meetings of the American Diabetes Association. San Diego, CA

1998 Southwest Diabetes Symposium. El Paso, TX

1997 Amer Diabetes Assoc Consensus Conference on Insulin Resistance Syndrome. Los Angeles, CA

1997 9th International Congress of Genes, Gene Families, and Isozymes. San Antonio, TX

1995 XIX Mexican National Congress of Cardiology, Cancun, MX

1993 Diabetes Mellitus Intragency Coordinating Committee/National Diabetes Information Clearinghouse, Bethesda, MD

1992 Texas Affiliate, American Diabetes Association, San Antonio, TX

1992 125th Annual Session of the Texas Medical Association, San Antonio, TX

1990 National Institutes of Health, Bethesda, MD

Visiting Lectures: University and Community:

2019 Nutrition, Diet & Health for the Plain Community, Health Education Conference. Lancaster, PA.

2017 Duke Molecular Physiology Institute Seminar Series, Duke University, Durham, NC.

2017 Young Investigators Workshop, Bone and Joint Initiative, Keynote Speaker, Rosemont, IL

2017 American Diabetes Association Research Summit 2017. Roundtable Discussion Leader, Towson, MD

2017 Welch Center for Prevention, Epidemiology, and Clinical Research, Johns Hopkins Medical Institutions, Baltimore, MD

2016 University of Utrecht, Utrecht, the Netherlands

2016 American Diabetes Association Research Summit 2016. Roundtable Discussion Leader, Towson, MD

2016 Nutrition and Obesity Research Center (NORC) Seminar Series, University of Alabama at Birmingham, Birmingham, AL

2015 American Diabetes Association Research Summit 2015. Roundtable Discussion Leader, Towson, MD

2015 Endocrinology Grand Rounds, University of Maryland Midtown Campus, Baltimore, MD

2014 Scientific Leadership & Professional Development Symposium for Pre-Clinical and and Translational Researchers. UMSOM Research Career Development Program & UMB Clinical Research Curriculum Development (K 30) Program. Baltimore, MD.

2014 Regeneron Familial Hypercholesterolemia Symposium. Regeneron Genetics Center. Tarrytown, NY.

2014 7th Annual UMD-UMB Research and Innovation Seed Program. University of Maryland at College Park. College Park, MD.

2013 US Dept of Agriculture, Human Nutrition Center. Beltsville, MD.

2013 Dept. of Biostatistics and Epidemiology, University of Maryland at College Park. College Park, MD.

2013 Center for Aging. Tulane University. New Orleans, LA.

2012 Johns Hopkins University Sleep and Asthma Research Group.

2011 Univ of Maryland Wellness Grand Rounds. Baltimore, MD

2010 Loch Raven High School. Towson, MD

2010 Dept. of Genetics, Virginia Polytechnic Institute and State University, Arlington, VA

2009 Human Genetics Center Seminar Series. Univ of Texas Health Science Center, Houston, TX

2009 Biology Seminar Series. Goucher College, Towson, MD

2008 Univ. of Indiana School of Medicine. Endocrinology Grand Rounds, Indianapolis, IN.

2008 Princeton Alunni Club, Davidge Hall, Baltimore, MD

2008 Johns Hopkins Bloomberg School of Public Health. Genetic Epidemiology Seminar Series, Baltimore, MD

2007 Institute for Aging Research, Hebrew SeniorLife, Boston, MA

2007 Dept of Population Science, Penn State Milton S. Hershey Medical Center, Hershey, PA

2006 Dept. of Human Genetics, University of PittsburghSchool of Public Health, Pittsburgh, PA

2005 Dept. of Public Health Science, Wake Forest Univ School of Medicine, Winston-Salem, NC

2004 Grand Rounds, Union Memorial Hospital, Baltimore, MD

2004 Genetic Epidemiology Group, Johns Hopkins Univ School of Public Health. Baltimore, MD

2003 Grand Rounds, Union Memorial Hospital, Baltimore, MD

2002 Beltsville Human Nutrition Research Center, U.S. Department of Agriculture. Beltsville, MD

1999 Southwest Forum, Argyle Club, San Antonio, TX

1999 Human Genetics Program, Univ of Maryland School of Medicine, Baltimore, MD

1998 Dept. of Public Health Science, Wake Forest Univ School of Medicine, Winston-Salem, NC.

1997 Dept. of Medicine, University of Maryland School of Medicine, Baltimore, MD

1996 Faculty Seminar Series, Southwest Foundation for Biomedical Research, San Antonio, TX

1996 Endocrinology Grand Rounds, Johns Hopkins University Hospital, Baltimore, MD

1996 Dept. of Social & Preventative Medicine, State University of New York at Buffalo. Buffalo, NY

1995 Dept. of Epidemiology and Preventive Medicine, Univ Maryland School of Medicine, Baltimore, MD

1995 Dept. of Biology, Trinity University, San Antonio, TX

1994 Dept. of Medicine, Hospital Universitario, Monterrey, NL, Mexico

BOOK CHAPTERS AND REVIEW ARTICLES:

1. Cowie, CC, **Mitchell BD**. Introduction to Clinical Diabetes. University of Michigan: Ann Arbor, MI, 1986.
2. Vinik AI, **Mitchell BD**. Clinical aspects of diabetic neuropathies. Diabetes/Metabolism Reviews 4: 223-254, 1988.
3. **Mitchell BD**. Occupational epidemiology: investigating health hazards in the workplace. Chapter 3 in: The Work Environment, Vol. 1: Occupational Health Fundamentals. Hansen DJ, ed. Lewis Publishers, Chelsea, MI, 1991. pp. 37-51.
4. **Mitchell BD**, Stern MP. Recent developments in the epidemiology of diabetes in the Americas. World Health Statistics Quarterly 45:347-349, 1992.
5. **Mitchell BD**. Macrovascular disease in diabetes. Chapter 16 in: Diabetes: Clinical Science in Practice. Leslie RDG and Robbins DC, Eds. Cambridge, U.K.: Cambridge University Press, 1995. pp. 222-236.
6. Stern MP, **Mitchell BD**. Diabetes in Hispanic Americans. Chapter 32 in: Diabetes in America (2nd ed). Harris MI, Cowie CC, Stern MP, Boyko EJ, Reiber GE, Bennett PH, Eds. Bethesda, MD: National Institutes of Health, National Institutes of Diabetes and Digestive and Kidney Diseases, 1995 (NIH publ. no. 95-1468), pp. 631-659.
7. **Mitchell BD**, Dyke B. Use of genetic epidemiological methods to study complex genetic diseases. Nutr Metab Cardiovasc Dis 7:467-479, 1997.
8. Stern MP, **Mitchell BD**. Genetics of insulin resistance. Chapter 1 in: Contemporary Endocrinology: Insulin Resistance. The Metabolic Syndrome X.  Eds. G. M. Reaven, A. Laws.  Humana Press Inc. Totowa NJ, 1999. pp. 3-18.
9. Hsueh W-C, Mitchell BD, Shuldiner AR. Use of genome scans to identify susceptibility genes for type 2 diabetes. Chapter 10 in: Genetics of Diabetes Mellitus. Lowe WL (ed.). Kluwer Academic Publishers, Norwell, MA, 2001:231-250.
10. Mitchell BD, Imumorin IG. Genetic determinants of diabetes and atherosclerosis. Curr Atheroscler Reports 4:193-198, 2002.
11. Munir K, **Mitchell BD**, Shuldiner AR. Genome scans for obesity – U.S.A. studies. Chapter 72 in: Progress in Obesity Research: 9. Medeiros-Neto G, Halpern A, Bouchard C, Eds. John Libbey Eurotext Ltd, Montrouge, France. 2003. pp. 338-341.
12. Vinik AI, Maser RE, **Mitchell BD**, Freeman R. Diabetic autonomic neuropathy. Diab Care 26:1553-1579, 2003.
13. Rutherford S, Shuldiner AR, **Mitchell BD**. Genome scans of type 2 diabetes mellitus. Chapter 23 in: The International Textbook of Diabetes Mellitus (3rd ed.) E. Ferrannini, P. Zimmet, R. DeFronzo, H. Keen, Eds. J Wiley & Sons, W Sussex, UK, 2004. pp. 439-450.
14. **Mitchell BD**. Diet of Hispanics and Latinos in the U.S. In: Nutrition and Well-Being A – Z. Delores James, Ed. Detroit, MI: Macmillan Reference, USA, 2004. pp. 275-278.
15. Sorkin J, Post W, Pollin TI, O’Connell JR, **Mitchell BD**, Shuldiner AR. Exploring the genetics of longevity in the Old Order Amish. Mech Ageing Dev 126:347-350, 2005.
16. Lin P-I, **Mitchell BD**. Approaches for unraveling the joint genetic determinants of schizophrenia and bipolar disorder. Schiz Bulletin 34:791-797, 2008. PMC2632441
17. Rampersaud E, **Mitchell BD**, Naj AC, Pollin TI. Investigating parent of origin effects in studies of Type 2 diabetes and obesity. Curr Diab Rev 4:329-339, 2008. PMC2896493.
18. **Mitchell BD**. Clustering of schizophrenia with other co-morbidities – what can we learn? Schiz Bulletin 35:282-283, 2009. PMC2659321.
19. **Mitchell BD**, Pollin TI. Genomic imprinting in diabetes. Genomic Med 2:55, 2010. PMC2945012.
20. **Mitchell BD**, Yerges-Armstrong LM. The genetics of bone loss: challenges and prospects. J Clin Endocrin Metab 96(5):1258-68, 2011. PMC3085199.
21. Hochberg MC, Yerges-Armstrong L, **Mitchell BD**. Commentary: Osteoarthritis susceptibility genes continue trickling in. Lancet 380:785-787, 2012. PMC4031644.
22. **Mitchell BD**, Hanson RL. Ask the Experts: Dissecting gene-environment interactions in type 2 diabetes. Diab Management 2(5):375-378, 2012. PMC4067140.
23. **Mitchell BD**, Chandrasekaran S. Genetics of Type 2 Diabetes. In: Clinical Genomics: Practical Considerations for Adult Patient Care. M. Murray, M. Babyatsky, M. Giovanni, Eds. McGraw Hill Education (Columbus, OH), 2013.
24. Hochberg MC, Yerges-Armstrong L, Yau M, **Mitchell BD**. Genetic epidemiology of osteoarthritis: Recent developments and future directions. Curr Opin Rheumatol 25(2):192-97, 2013. PMC3771580.
25. **Mitchell BD**, Streeten EA. The clinical impact of recent genetic discoveries for osteoporosis. Applica Clin Genet 6:75-85, 2013. PMC3796859.
26. Nair KS, Abel ED, Adler SG, Dyck PJ, Gardner TW, Haskins KM, Hotamisligil G, Jensen MD, Krook A, Mandarino LJ, **Mitchell BD**, Pessin JE, Sowers JR, Sussel L, Wareham N, Vella A. Time to look back and to look forward. Diabetes 63(4):1169-70, 2014.
27. Maruthur NM, **Mitchell BD**. Zinc-rs13266634 and the arrival of diabetes pharmacogenetics: the "zinc mystique." Diabetes 63(5):1463-64, 2014. PMC3994948
28. Cheng Y-C, Cole JW, Kittner SJ, **Mitchell BD**. The genetics of ischemic stroke in young adults. Circ Cardiovasc Genet 7(3):383-92, 2014. PMC4231871.
29. **Mitchell BD**, Schäffer AA, Pollin TI, Streeten EA, Horenstein RB, Steinle NI, Yerges-Armstrong LM, Shuldiner AR, O’Connell JR. Mapping genes in isolated populations: lessons from the Old Order Amish. Chapter X, in Genome Mapping and Genomics in Human and Non-Human Primates. Pp. 141-154. R Duggirala, AG Comuzzie, S Williams-Blangero, S Paul, Chitta Kole, Eds. Springer: Heidelberg. 2015.
30. **Mitchell BD**, Kittner SJ. Chapter 10: Genetics of ischemic stroke and prospects for clinical applications. In: Genomics and Personalized Medicine: Foundations, Translation, and Implementation (3rd edition). Geoffrey S. Ginsburg and Huntington F. Willard (eds). Elsevier: London, 2017.
31. Xu H, **Mitchell BD**, Peprah E, Kittner SJ, Cole J. The importance of conducting stroke genomics research in African ancestry populations. Global Heart 12:163-168, 2017.
32. **Mitchell BD**. Holy smokes – An interaction! Circulation 135:2354-2365, 2017.

ORIGINAL ARTICLES:

***1986-1988***

1. **Mitchell BD**, Lepkowski JM. The epidemiology of cataract in Nepal. Human Biology 58: 975-990, 1986.
2. Haffner SM, Stern MP, Hazuda HP, **Mitchell BD**, Patterson JK. Increased insulin concentrations in nondiabetic offspring of diabetic parents. New Eng J Med 319: 1297-1301, 1988.

***1989***

1. Haffner SM, **Mitchell BD**, Pugh JA, Stern MP, Kozlowski MK, Hazuda HP, Klein R. Proteinuria in Mexican American and non-Hispanic whites with NIDDM. Diab Care 12: 530-36, 1989.
2. Haffner SM, Stern MP, Hazuda HP, **Mitchell BD**, Patterson JK, Ferrannini E. Parental history of diabetes is associated with increased cardiovascular risk factors. Arteriosclerosis 9: 928-933, 1989.
3. Raboudi SH, **Mitchell BD**, Stern MP, Haffner SM, Hazuda HP, Frazier ML. Type II diabetes and polymorphism of the insulin receptor gene in Mexican Americans: the San Antonio Heart Study. Diabetes 38: 975-80, 1989.
4. Stern MP, Patterson JK, Haffner SM, Hazuda HP, **Mitchell BD**. Lack of awareness and treatment of hyperlipidemia in type II diabetes in a community survey. JAMA 262: 360-64, 1989.

***1990***

1. Berkus MD, Stern MP, **Mitchell BD**, Abashawl A, Langer O. Relationships between glucose levels and insulin secretion during oral glucose challenge test. Am J Obstet Gynecol 163:1818-21, 1990.
2. Berkus MD, Stern MP, **Mitchell BD**, Newton E, Langer O. Does fasting interval effect the glucose challenge test? Am J Obstet Gynecol 163: 1812-17, 1990.
3. Haffner SM, Diehl AK, **Mitchell BD**, Stern MP, Hazuda HP. Increased prevalence of clinical gallbladder disease in subjects with non-insulin dependent diabetes mellitus. Am J Epidemiol 132:327-35, 1990.
4. Haffner SM, **Mitchell BD**, Stern MP, Hazuda HP, Patterson JK. Decreased prevalence of hypertension in Mexican Americans. Hypertension 16:225-232, 1990.
5. Haffner SM, Stern MP, Hazuda HP, **Mitchell BD**, Patterson JK. Cardiovascular risk factors in confirmed prediabetics: does the clock for coronary heart disease start ticking before the onset of clinical diabetes? JAMA 263: 2893-98, 1990.
6. Haffner SM, Stern MP, Kozlowski MK, Hazuda HP, **Mitchell BD**, Patterson JK. Microalbuminuria: a potential marker for increased cardiovascular risk factors in non-diabetic subjects? Arteriosclerosis 10:727-31, 1990.
7. Haffner SM, Stern MP, **Mitchell BD**, Hazuda HP, Patterson JK. Incidence of type II diabetes in Mexican Americans predicted by fasting insulin and glucose levels, obesity, and body fat distribution. Diabetes 39: 283-88, 1990.
8. **Mitchell BD**, Hawthorne VM, Vinik AI. Cigarette smoking and neuropathy in diabetic patients. Diab Care 13: 434-437, 1990.
9. **Mitchell BD**, Stern MP, Haffner SM, Hazuda HP, Patterson JK. Functional impairment in Mexican Americans and non-Hispanic whites with diabetes. J Clin Epidemiol 43: 319-327, 1990.
10. **Mitchell BD**, Stern MP, Haffner SM, Hazuda HP, Patterson JK. Risk factors for cardiovascular mortality in Mexican Americans and non-Hispanic whites: the San Antonio Heart Study. Am J Epidemiol 131: 423-33, 1990.
11. Stern MP, Patterson JK, **Mitchell BD**, Haffner SM, Hazuda HP. Mortality and overweight in Mexican Americans. Int J Obesity 14:623-29, 1990.

***1991***

1. Ferrannini E, Haffner SM, **Mitchell BD**, Stern MP. Hyperinsulinemia: the key feature of a cardiovascular and metabolic syndrome. Diabetologia 34:416-22, 1991.
2. Ferrannini E, Haffner SM, Stern MP, **Mitchell BD**, Natali A, Hazuda HP, Patterson JK. High blood pressure and insulin resistance: influence of genetic background. Eur J Clin Invest 21:280-87, 1991.
3. Haffner SM, **Mitchell BD**, Hazuda HP, Stern MP. Greater influence of central adipose tissue or incidence of type II diabetes in women than in men. Am J Clin Nutr 53:1312-17, 1991.
4. Haffner SM, **Mitchell BD**, Stern MP, Hazuda HP. Macrovascular complications in Mexican Americans with type II diabetes. Diab Care 14(suppl 3):665-71, 1991.
5. Haffner SM, Stern MP, **Mitchell BD**, Hazuda HP, Patterson JK. Increased incidence of type II diabetes in Mexican Americans. Diab Care 14:102-108, 1991.
6. Haffner SM, Stern MP, **Mitchell BD**, Hazuda HP. Predictors of obesity in Mexican Americans. Am J Clin Nutr (suppl) 53:1571S-1576S, 1991.
7. Hazuda HP, **Mitchell BD**, Haffner SM, Stern MP. Obesity in Mexican American subgroups. Am J Clin Nutr (suppl) 53:1529S-1534S, 1991.
8. **Mitchell BD**, Hazuda HP, Haffner SM, Patterson JK, Stern MP. High prevalence of angina pectoris in Mexican American men: a population with reduced risk of myocardial infarction. Ann Epidemiol 1:415-426, 1991.
9. **Mitchell BD**, Hazuda HP, Haffner SM, Patterson JK, Stern MP. Myocardial infarction in Mexican Americans and non-Hispanic whites: the San Antonio Heart Study. Circulation 83:45-51, 1991.
10. Stern MP, Knapp JA, Hazuda HP, Haffner SM, Patterson JP, **Mitchell BD**. Genetic and environmental determinants of type II diabetes in Mexican Americans: is there a "descending limb" in the modernization-diabetes relationship? Diab Care 14(suppl 3):649-54, 1991.

***1992***

1. Ferrannini E, Stern MP, Galvan AQ, **Mitchell BD**, Haffner SM. Impact of associated conditions on glycemic control of NIDDM patients. Diab Care 15:508-14, 1992.
2. Haffner SM, **Mitchell BD**, Stern MP, Hazuda HP, Patterson JK. Public health significance of upper body adiposity for non-insulin dependent diabetes mellitus in Mexican Americans. Int J Obesity 16:177-84, 1992.
3. Haffner SM, **Mitchell BD**, Valdez RA, Hazuda HP, Morales PA, Stern MP. Eight-year incidence of hypertension in Mexican Americans and non-Hispanic whites: the San Antonio Heart Study. Am J Hypertens 5:147-53, 1992.
4. Haffner SM, Valdez R, Morales PA, **Mitchell BD**, Hazuda HP, Stern MP. Greater effect of glycemia on incidence of hypertension in women than in men. Diab Care 15:1277-1284, 1992.
5. Haffner SM, Valdez RA, Hazuda HP, **Mitchell BD**, Morales PA, Stern MP. A prospective analysis of the Insulin Resistance Syndrome. Diabetes 41:715-22, 1992.
6. Jameel N, Pugh JA, **Mitchell BD**, Stern MP. Dietary protein intake is not correlated with clinical proteinuria in non-insulin dependent diabetes mellitus. Diab Care 15:178-83, 1992.
7. **Mitchell BD**, Haffner SM, Hazuda HP, Patterson JK, Stern MP. Diabetes and coronary heart disease risk in Mexican Americans. Ann Epidemiol 2:101-106, 1992.
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ABSTRACTS AND PRESENTATIONS:

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16. Parsa A, Rampersaud E, Vogel R, **Mitchell BD**, Horenstein R, McArdle PF, O’Connell JR, **Mitchell BD**, Shuldiner AR. A genome-wide association study of brachial flow mediated dilation identifies novel candidate genes. Abstract book: 351. Presented at the 57th Annual Meeting of the American Society for Human Genetics. San Diego, CA. October, 2007.
17. Prokopenko I, Zeggini E, Rayner W, Groves CJ, Hanson RL, **Mitchell BD**, Vaxillaire M, Hunt S, Cardon L, Froguel P, Elbein SC, Shuldiner AR, Deloukas P, McCarthy MI. Presented at the EASD mtgs. High-density association mapping and comprehensive tagging of the type 2 diabetes linkage region on chromosome 1q in 4 European populations.
18. Rampersaud E, **Mitchell BD**, Fu M, Shen H, Pollin TI, Ducharme JL, Shuldiner AR, Snitker S. Physical activity modifies the genetic effect of common variants in the FTO gene with body mass index (BMI). Abstract book: 350. Presented at the 57th Annual Meeting of the American Society for Human Genetics. San Diego, CA. October, 2007.
19. Rampersaud E, **Mitchell BD**, Shelton J, Ying J, Zhao, Y, Ott SH, O’Connell JR, Shuldiner AR. Whole genome association screen of type 2 diabetes and impaired glucose tolerance in the Old Order Amish. Diabetes 56(suppl 1): A305, 2007. Presented at the American Diabetes Association’s 67th Scientific Sessions. Chicago, IL. June 22-26, 2007.
20. Shaffer J, Kammerer CM, Bruder JM, Cole S, Dyer TD, Almasy L, MacCluer JW, Blangero J, Bauer RL, **Mitchell BD**. Suggestive evidence for linkage of 5-Year change in bone mineral mensity to chromosome 6q: The San Antonio Family Osteoporosis Study. Abstract book: 244. Presented at the 57th Annual Meeting of the American Society for Human Genetics. San Diego, CA. October, 2007.
21. Shen H, Damcott CM, Rampersaud E, Pollin TI, O’Connell JR, McArdle PF, Peyser PA, Bielak LF, Ryan KA, Miller M, Shuldiner AR, **Mitchell BD**. The *APOB* *R3500Q* polymorphism is common in the Old Order Amish and is associated with low density lipoprotein cholesterol (LDL-C) concentrations and coronary artery calcification (CAC) in the Old Order Amish. Presented at the Annual Meetings of the American Heart Association. Orlando, FL. Nov 2007.
22. Shen H, Miller M, Peyser PA, Bielak LF, Shuldiner AR, **Mitchell BD**. Is isolated HDL-C an atherogenic phenotype? The Amish Family Calcification Study. Presented at at the Annual Meetings of the American Heart Association. Orlando, FL. Nov 2007.
23. Streeten EA, Hairston K, Ryan KA, **Mitchell BD**, Shuldiner AR. Heritability of serum 25-hydroxyvitamin D suggests genetic factors contribute to endogenous vitamin D production. J Bone Miner Res 22(suppl 1):S408, 2007. Presented at the 29th Meeting of the American Society for Bone and Mineral Research, Honolulu, Hawaii. Sept 9, 2007.
24. Wang Y, McArdle PF, Rampersaud E, Shen H, Shi X, Steinle N, **Mitchell BD**, Shuldiner AR, Chang Y-P C. Whole-genome association study in the Old Order Amish identifies *STK39* as a novel hypertension susceptibility gene. Abstract book: 63. Presented at the 57th Annual Meeting of the American Society for Human Genetics. San Diego, CA. October, 2007.

***2008***

1. Chang Y, Wang Y, O’Connell J, McArdle P, Wade J, Dorff S, Shah S, Shi X, Pan L, Rampersaud E, Shen H, Kim J, Subramanya A, Steinle N, Welling P, Ober C, Weder A, Chakravarti A, **Mitchell B**, Shuldiner A. Common variants in *STK39* are associated with blood pressure levels. Presented at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA. Nov 11-15, 2008.
2. Cole JW, Naj AC, O'Connell JR, Stine OC, Sorkin JD, Gallagher M, Giles WH, Wozniak MA, Stern BJ, Macko RF, Reinhart LJ, **Mitchell BD**, Kittner SJ. Polymorphisms in the thrombomodulin - endothelial cell protein C receptor system and the risk of cerebral infarction in a biracial population: The Stroke Prevention in Young Women Study. Presented at the AHA International Stroke Conference. New Orleans, LA. February 2008. Stroke 39: 636, 2008.
3. Kammerer CM, Shaffer JR, Bruder JM, Cole SA, Dyer TD, Almasy L, MacCluer JW, Blangero J, Bauer RL, **Mitchell BD**. Evidence that different genes influence bone metabolism at different ages. Abstract book: p. 440. Presented at the 58th Annual Meeting of the American Society for Human Genetics. November 11-15, 2008. Philadelphia, PA.
4. Ling H, Waterworth DM, Song K, Mooser VE, **Mitchell BD**, for the GEMS Investigators. Genome-wide association analyses of composite variables identify genetic loci with pleiotropic effects on metabolic syndrome-related traits in GEMS Study. Presented at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA. Nov 11-15, 2008.
5. Liu J, Hoppman-Chaney N, Giampietro P, McCarty C, Mukesh B, Ivacic L, Ghebranious N, Streeten EA, McBride D, Shuldiner AR, **Mitchell BD**. A polymorphism in *SLC34A2*, a strong positional and biological gene for osteoporosis, is associated with bone mineral density in three independent populations. Presented at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA. Nov 11-15, 2008.
6. MacClellan LR, Howard TD, Stine OC, Giles W, O’Connell JR, Cole J, Wozniak M, Stern B, **Mitchell BD**, Kittner SJ. Relation of candidate genes that encode for endothelial function to migraine and stroke: The Stroke Prevention in Young Women Study. Presented at the AHA International Stroke Conference. New Orleans, LA. February 2008. Stroke 39: 631, 2008.
7. Musunru K, Shuldiner AR, Shen H, Clearfield E, Ryan KA, O'Connell JR, Bielak LF, Peyser PA, **Mitchell BD**. Myocardial infarction associated SNPs chromosome 9p21.3 are associated with coronary artery calcification but not carotid intimal medial thickness in the Amish. Presented at the 2008 Annual Scientific Meetings of the American Heart Association. New Orleans, LA. Nov 9-11, 2008.
8. Pollin TI, Ling H, McArdle PF, Gibson Q, **Mitchell BD**, O’Connell JR, Shuldiner AR. Genome-wide association study reveals *ADIPOQ* variation as strongest genetic influence on circulating adiponection levels in the Old Order Amish. Presented at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA. Nov 11-15, 2008.
9. Prokopenko I, Zeggini E, Rayner W, Groves CJ, Hanson RL, **Mitchell BD**, Jia W, Ng M, Froguel P, Chan J, Bogardus C, Elbein SC, Shuldiner AR, McCarthy MI, for the International Type 2 Diabetes 1q consortium. Putative association signals identified through high-density LD mapping of the replicated T2D linkage region on chromosome 1q are not confirmed in large-scale follow-up studies. Diabetes 57(suppl 1): A332, 2008. Presented at the American Diabetes Association’s 68th Scientific Sessions. San Francisco, CA. June 6-10, 2008.
10. Rayner NW, Prokopenko I, Groves CJ, Zeggini E, Hanson RL, **Mitchell BD**, Jia W, Ng M, Froguel P, Chan J, Bogardus C, Elbein SC, Shuldiner AR, McCarthy for the International Type 2 Diabetes 1q Consortium. The putative type 2 diabetes association signals in the NOSAP1 and PKLR gene regions on chromosome 1q are not confirmed by a large scale follow up study. Presented at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA. Nov 11-15, 2008.
11. Shaffer JR, Kammerer CM, Bruder JM, Bauer RL, **Mitchell BD**. Rate of bone loss is greater in young adult men than women. J Bone Miner Res 23(suppl):S316, 2008. Presented at the 30th Annual Meeting of the American Society for Bone Mineral Research. Montreal, CAN. Sept. 12-16, 2008.
12. Shaffer JR, Kammerer CM, Bruder JM, Cole SA, Dyer TD, Almasy L, MacCluer JW, Blangero J, Bauer RL, **Mitchell BD**. Genetic locus on chromosome 1q influences bone loss in young Mexican American adults. J Bone Miner Res 23(suppl):S435, 2008. Presented at the 30th Annual Meeting of the American Society for Bone Mineral Research. Montreal, CAN. Sept. 12-16, 2008.
13. Streeten EA, Liu J, Shi X, Ryan K, McBride D, **Mitchell BD**, Shuldiner AR. Polymorphisms in *CYP24A1*, the gene encoding 25-hydroxyvitamin D-24-hydroxylase, are associated with BMD. J Bone Miner Res 23(suppl):S184, 2008. Presented at the 30th Annual Meeting of the American Society for Bone Mineral Research. Montreal, CAN. Sept. 12-16, 2008.
14. Tarasov KV, Sanna S, Scuteri A, Strait JB, Orrù M. Parsa A, Lin P-I, Maschio A, Post W, Cao R, Nagaraja R, **Mitchell B**, Abecasis G, Shuldiner AR, Uda M, Lakatta EG, Najjar SS, Schlessinger D. *COL4A1* is associated with arterial stiffness by genome wide association scan. Presented at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA. Nov 11-15, 2008.
15. Wang X, Quyyumi A, Waddy S, Elkind M, Wright C, Slowik A, Lindgren A, Norrving B, Melander O, Dichgans M, Singleton A, de Bakker P, Furie K, Rosand J, Brott T, Meschia J, Rothwell P, Bevan S, Markus H, Howard G, Woo D, Hardy J, Cole J, Kittner S, **Mitchell B**, Blanton S, Rundek T, Sacco R, Cushman M, Illoh K, Milewicz D, Rich S, Sale M, Worrall B. The International Stroke Genetics Consortium - an International Effort to Elucidate the Role of Genetic Variation in Stroke. Stroke 39: xxx, 2008. Presented at the AHA International Stroke Conference. New Orleans, LA. February 2008.
16. Wang Y, McArdle PF, Shi X, Damcott CM, Chang YC, **Mitchell BD**, Shuldiner AR, Steinle NI. Variaiton in *ABC12* is associated with blood pressure and partially accounts for the BP linkage on 2q in the Old Order Amish. Presented at the 58th Annual Meeting of the American Society for Human Genetics. Philadelphia, PA. Nov 11-15, 2008.
17. Zhang L, Fu M, O’Connell J, Shi X, Ling H, Rampersaud E, Damcott C, Liu L, Tanner K, Ott SH, Shelton J, **Mitchell BD**, Shuldiner AR. Genome-wide association scan in the Old Order Amish identifies BQ231042 as a novel susceptibility gene for type 2 diabetes. Diabetes 57(suppl 1): A42, 2008. Presented at the American Diabetes Association’s 68th Scientific Sessions. San Francisco, CA. June 6-10, 2008.

***2009***

1. Albert JS, Reinhart LJ, **Mitchell BD**, Shuldiner AR, Pollin TI, Damcott CM. A novel deletion in HSL causes a frameshift mutation associated with high triglycerides and low HDL in the Amish. Presented at the 59th Annual Meeting of the American Society for Human Genetics. Honolulu, Hawaii. Oct 20-24, 2009.
2. Cheng Y-C, **Mitchell BD**, Shuldiner Ar, Pollin TI. Genetic variants in and around *ADIPOQ* on chromosome 3q are associated with circulating adiponectin levels and adiposity traits in the Old Order Amish. Presented at the Cardiovascular Disease Epidemiology mtgs.
3. Cheng Y-C, O’Conell J, Gibson QD, **Mitchell BD**, Shuldiner AR, Snitker S. SNPs in *LAMA2* significantly associated with objectively measured physical activity in genome-wide association study. Program book, p. 92. Presented at the 27th Annual Scientific meetings of NAASO. Washington D.C. Oct 24-28, 2009.
4. Dichgans M, et al. Sequence Variants on Chromosome 9p21 Confer Risk of Large Vessel Stroke. Presented at the 2009 International Stroke Conference. San Diego, CA. Feb 18-20, 2009.
5. Fu M, O'Connell J, Shi X, Gibson Q, Tanner K, **Mitchell BD**, Shuldiner AR. Replication of the association of NEGR1 with BMI in Old Order Amish. Presented at the American Diabetes Association’s 69th Scientific Sessions. New Orleans, LA. June 2009.
6. Njajou OT, Damcott CM, Blackburn EH, Bendjilali N, Pollin TI, Lin J, Evans DS, Shuldiner AR, **Mitchell BD**, Hsueh WC. A genome wide association study identifies novel loci influencing telomere length in the Amish. Presented at the 59th Annual Meeting of the American Society for Human Genetics. Honolulu, Hawaii. Oct 20-24, 2009.
7. Pollin TI, Damcott CM, **Mitchell BD**, Miller M, Shuldiner AR. Apolipoprotein C-III deficiency reduces dyslipidemia in subjects at risk for type 2 diabetes. Presented at the 59th Annual Meeting of the American Society for Human Genetics. Honolulu, Hawaii. Oct 20-24, 2009.
8. Shaffer JR, Kammerer CM, Dressen AS, Bruder JM, Bauer RL, **Mitchell BD**. Different genes contribute to variation in peak bone density and bone loss. Presented at the 31st Annual Meeting of the American Society for Bone Mineral Research. Denver, CO. Sept 11-15, 2009.
9. Yerges-Armstrong L, Shaffer J, Ryan K. Liu, J, Bruder JM, Kammerer C, **Mitchell BD**. Joint genetic influences on height and bone mineral density. Presented at the 59th Annual Meeting of the American Society for Human Genetics. Honolulu, Hawaii. Oct 20-24, 2009.

***2010***

1. Cheng Y-C, Anderson CD, Nalls M, Biffi A, Cortellini L, Rost NS, Furie K, Brott TG, Brown Jr. RD, Hernandez D, Matarin M, Cole JW, Stine OC, O’Connell JR, Kittner SJ, Rosand J, Meschia J, **Mitchell BD**. Association of myocardial infarction-associated SNPs with ischemic stroke: a meta-analysis of three European Caucasian populations. Presented at the 60th Annual Meeting of the American Society of Human Genetics. (abstract #: 2486) Washington DC. Nov 2-6, 2010.

### Demissie S, Harris TB, Stolk L, Thorleifsson G, Yerges-Armstrong L, Robbins J, Van Wingerden S, Thorsteinsdottir U, Vandenput L, Liu Y, Malkin I, Ried J, Zhang W, Zhao JH, Luan J, Smith A, Koller D, Estrada K, Uitterlinden A, Rivadeneira F, Mitchell B, O'Connell J, Glazer N, Styrkarsdottir U, van Duijn CM, Karasik D, Hsu Y-H, Lorentzon M, Econs M, Livshits G, Spector T, Döring A, Wichmann HE, , Chambers J, Kooner J, Kutalik Z, Johnson T, Waterworth D, Loos R, Wareham NJ, Kilpilainen T, Gudnason V, Ohlsson C, Cauley J, Zillikens M, Kiel D. A large meta-analysis of genome wide association studies (GWAS) from the “CHARGE” and “GEFOS” Consortia identifies several significant loci for lean body mass. J Bone Miner Res 25 (Suppl 1). Presented at the 2010 Annual meeting of the Am Soc for Bone Mineral Research. Toronto, CA. Oct 15-19, 2010.

1. Fu M, Sztalryd C, Bell M, Wang H, Shi X, Gibson Q, Tanner K, O’Connell J, **Mitchell BD**, Shuldiner AR. Identification a novel susceptibility gene – NOS1AP for obesity in the Old Order Amish. Presented at the American Diabetes Association’s 70th Scientific Sessions. Orlando, FL. June 25-29, 2010.
2. Hamedani A, Cole J, Cheng Y, Sparks MJ, O’Connell J, Wozniak M, Stern B, **Mitchell B**, Kittner S. Factor V Leiden and Ischemic Stroke Risk: The Baltimore-Washington Young Stroke Study. Presented at the International Stroke Conference 2010. San Antonio, TX. Feb 23-26, 2010.
3. Hamedani A, Cole J, **Mitchell BD**, and Kittner S. Meta-Analysis of Factor V Leiden and Ischemic Stroke in Young Adults. Presented at the International Stroke Conference 2010. San Antonio, TX. Feb 23-26, 2010.
4. Howell, CD, Thompson AJ, Ryan K, Zambeeli S, Gorden A, Fried M, Afdhal NH, McHutchison JG, Shianna KV, **Mitchell B**, Goldstein DB, Shuldiner A. IL28B gentic variation associated with early viral kinetics and SVR in HCV genotype 1: The VIRAHEP-C Study. International Liver Congress 2010 in conjunction with the 45th Annual Meeting of European Association for the Study of the Liver. Vienna, Austria. April 14-18, 2010.
5. Lewis JP, O'Connell JR, Ryan K, Horenstein RB, Damcott CM, Gibson Q, Pollin TI, **Mitchell BD**, Beitelshees AL, Pakzy R, Parsa A, Tantry US, Bliden KP, Post WS, Herzog W, Faraday N, Gong Y, Langaee T, Pepine CJ, Johnson JA, Gurbel PA, Shuldiner AR. Association of polymorphisms in PEAR1 with platelet aggregation and cardiovascular outcomes in patients on aspirin therapy. Presented at the 60th Annual Meeting of the American Society of Human Genetics. Washington DC. Nov 2-6, 2010.
6. Liu J, Hoppman-Chaney N, McLenithan JC, McBride DJ, O’Connell JR, Wang H, Streeten EA, **Mitchell BD**, Shuldiner AR. A functional haplotype in *EIF2AK3*, an ER stress sensor, is associated with lower bone mineral density. Presented at the 60th Annual Meeting of the American Society of Human Genetics. (abstract #: 1023) Washington DC. Nov 2-6, 2010.
7. Montasser ME, Chang Y-C, Wang Y, O'Connell JR, Shuldiner AR, **Mitchell BD**, Steinle NI. GxG interactions potentially account for the blood pressure linkage peak on chromosome 2 in the Old Order Amish? Presented at the 60th Annual Meeting of the American Society of Human Genetics. (abstract #: 2890) Washington DC. Nov 2-6, 2010.
8. Parsa A, Brown E, Weir MR, **Mitchell BD**, Shuldiner AR, McArdle PF. Uric acid is causally associated with blood pressure in a controlled setting: results from a Mendelian randomization analysis of GLUT9. Presented at the 60th Annual Meeting of the American Society of Human Genetics. (abstract #: 113) Washington DC. Nov 2-6, 2010.
9. Shen H, Bielak LF, Peyser PA, Post W, Ryan KA, Gibson Q, Miller M, Shuldiner AR, **Mitchell BD**. HDL-C candidate genes and coronary artery calcification. Presented at the 50th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism Joint Conference. San Francisco, CA. March 2-4, 2010.
10. Shen H, Damcott C, Chai S, Yang R, Hu H, Gibson Q, **Mitchell BD**, Gong D, Shuldiner AR. A rare mutation in *GOT1* determines asparate aminotransferase (AST) levels in OOA. Presented at the 60th Annual Meeting of the American Society of Human Genetics. (abstract #: 2051) Washington DC. Nov 2-6, 2010.
11. Shuldiner AR, Horenstein R, Shen H, **Mitchell BD**, Damcott C, Pollin TI. Genome-wide studies of serum lipids: Lessons from the Old Order Amish. Keystone Conf.
12. Speliotes EK, Yerges-Armstrong LM, Wu J, Hernaez R, Kim LJ, Palmer CD, Harris TB, Eiriksdottir G, Garcia ME, Launer LJ, Nalls MA, Clark JM, **Mitchell BD**, Shuldiner AR, Butler JL, Hoffmann U, Massaro JM, O'Donnell CJ, Sahani DV, Carr JJ, Feitosa MF, Gudnason V, Fox CS, Smith AV, Kao WHL, Hischhorn JN, Borecki IB, The GOLD Consortium. Genomewide association analysis identifies variants that associate with nonalcoholic fatty liver disease and that have distinct effects on serum lipids. Presented at the 60th Annual Meeting of the American Society of Human Genetics. (abstract #: 286) Washington DC. Nov 2-6, 2010.
13. Steinle N, Brazie M, Bretton H, Ryan K, Douglas J, **Mitchell B**, Shuldiner A, Parsa A. Blood pressure and cardiac work load in response to a very low sodium diet. Presented at the 50th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism Joint Conference. San Francisco, CA. March 2-4, 2010.
14. Yerges-Armstrong L, Liu X, Streeten E, Shuldiner A, **Mitchell B**. Bone mineral density locus associated with coronary artery calcification. J Bone Miner Res 25 (Suppl 1). Presented at the 2010 Annual meeting of the Am Soc for Bone Mineral Research. Toronto, CA. Oct 15-19, 2010.
15. Yerges-Armstrong L, Shaffer JR, Bruder JM, Dyer TD, Carless MA, Curran JE, Göring HHH, Blangero J, Kammerer CM, **Mitchell BD**. The value of mapping associations across other ethnic groups: an analysis of BMD in Mexican Americans. Presented at the 60th Annual Meeting of the American Society of Human Genetics. (abstract #: 1098) Washington DC. Nov 2-6, 2010.

***2011***

1. Alley D, Yerges-Armstrong Y, Shardell M, Metter EJ, Simonsick E, Shuldiner AR, **Mitchell BD**, Ferrucci L. Age-related changes in body composition: Comparing Amish and non-Amish populations. 64th Annual Meeting of the Gerontological Society of America. Boston, MA. Nov 18-22, 2011.
2. Cheng Y-C, Kim YJ, Cole JW, Kittner SJ, **Mitchell BD**. Associations between fibrinolysis pathway genes and ischemic stroke in young adults. Presented at the 12th International Congress of Human Genetics/61st Annual Meeting of the Amer Soc of Human Genetics. Abstract/Program #332W. Montreal, CAN. Oct 11-15, 2011.
3. Dueker N, Cole J, Cheng Y, O'Connell J, Stine OC, Wozniak M, Stern B, **Mitchell B**, Kittner S. Polymorphisms in the thrombomodulin ‑ endothelial cell protein C receptor system and the risk of cerebral infarction in a biracial population: The Genetics of Early Onset Stroke Study. Presented at the 2011 International Stroke Conference. Los Angeles, CA. Feb. 9-11, 2011.
4. Field SF, Prokopenko I, Groves C, Akin P, Broxholme J, Baier LJ, Bogardus C, Chan J, Das SK, Frougel P, Hanson R, Hu C, Jia W, Ma RC, **Mitchell B**, Rayner NW, Shudiner AR, Stein L, McCarthy MI, Deloukas P, The International Type 2 Diabetes 1Q Consortium. Searching for low frequency functional variants in a region linked to type 2 diabetes. Accepted as a poster at the 61st Annual Meeting of the American Society of Human Genetics. Abstract/Program #421W. Montreal, CAN. Oct 11-15, 2011.
5. Fu, M, Lu W, Shi X, Gibson Q, O’Connell J, **Mitchell BD**, Shuldiner AR. Evidence for genetic variants affecting lipoprotein (a) level on chromosome 6q25-26 in the Old Order Amish. Presented at the 12th International Congress of Human Genetics/61st Annual Meeting of the Amer Soc of Human Genetics. Abstract/Program #355F. Montreal, CAN. Oct 11-15, 2011.
6. Jackson R, et al. Association of candidate single nucleotide polymorphisms with radiographic knee osteoarthritis in African-Americans: data from the Genetic Components of Knee Osteoarthritis Study. Presented at the 2011 ACR/ARHP Annual Scientific Meeting, Chicago, IL. Nov 4-9, 2011.
7. Koller DL, Karasik D, Zheng H, Yerges-Armstrong L, Liu C-T, Lai D, Econs MJ, **Mitchell B**, Richards B, Kiel DP, Foroud T. Meta-analysis of genome-wide association studies of BMD in premenopausal white women. Presented at the 2011 Annual Meetings of the Am Society for Bone and Mineral Research. San Diego, CA. Sept 16-20, 2011. #FR0367]
8. Lewis JP, Ryan K, Gibson Q, O’Connell JR, Horenstein RB, **Mitchell BD**, Tanner K, Pakzy R, Tantry US, Blidemn KP, Gurbel PA, Shuldiner AR. Association of the *CES1* G143E polymorphism with platelet aggregation and cardiovascular outcomes in patients on clopidogrel therapy. Presented at the 12th International Congress of Human Genetics/61st Annual Meeting of the Amer Soc of Human Genetics. Abstract/Program #1407F. Montreal, CAN. Oct 11-15, 2011.
9. Liu CT, Hsu YH, Estrada K, Evangelou V, Zhou Y, Yerges-Armstrong L, Amin N, Glazer N, Minster R, Thorleifsson G, Cauley J, van Duijn CM, Harris T, Ioannidis J, Liu Y, **Mitchell B**, O'Connell JR, Robbins J, Streeten E, Styrkarsdottir U, Uitterlinden A, Zillikens M, Rivadeneira F, Karasik D, Cupples A, Kiel D. Assessment of gene-by-sex interaction effect on bone mineral density. American Society for Bone and Mineral Research, San Diego, CA, Sept. 16-20, 2011. [#SU0367]
10. Liu J, Damcott CM, O’Connell J. **Mitchell BD**, Shuldiner AR, Cheng Y-C. Parent-of-origin effect of a T2D-associated *GRB10* polymorphism on glucose homeostasis. Presented at the 12th International Congress of Human Genetics/61st Annual Meeting of the Amer Soc of Human Genetics. Abstract/Program #649F. Montreal, CAN. Oct 11-15, 2011.
11. Qayyum R, Shen H, Farady N, Yanek L, Becker DM, Mathias R, **Mitchell BD**, Gibson Q, Herzog W, Becker LC, Shuldiner AR. Genome-wide association study and meta-analysis of aspirin responsiveness in individuals of European descent. Presented at the Amer Heart Assoc 2011 Scientific Sessions.
12. Rayner NW, Horikoshi M, Morris AP, Zeggini E, Hanson RL, **Mitchell BD**, Baier L, Das SK, Fu M, Hu C, Ma R, Vaxillaire M, Wang C, Chan J, Jia W, Froguel P, Elbein SC, Deloukas P, Bogardus C, Shuldiner AR, Prokopenko I, McCarthy MI. Trans-ethnic meta-analysis across 8 populations within a replicated type 2 diabetes linkage signal on chromosome 1q. Presented at the 71st Scientific Sessions of the American Diabetes Association. San Diego, CA. June 24-28, 2011.
13. Rivera DC, **Mitchell BD**, Bruder J. Osteoporosis in men: who should we treat? Presented at the Endocrine Society's 93rd Annual Meeting & Expo. Boston, Massachusetts. June 4‑7, 2011.
14. Virk Nijjar G, Shuldiner AR, **Mitchell BD**, Vaswani D, Sleemi A, Ryan K, Yousufi H, Vilson F, Onyima C, Adediran T, ­Patel F, Postolache TT. Seasonality of mood in the Old Order Amish. Presented at the 66th Annual Meeting of the Society of Bioiogical Psychiatry. San Francisco, CA. May 12-14, 2011.
15. Virk Nijjar G, Shuldiner AR, **Mitchell BD**, Vaswani D, Sleemi A, Ryan K, Yousufi H, Vilson F, Onyima C, Adediran T, ­Patel F, Postolache TT. Seasonality of mood in the Old Order Amish. Presented at the 164th Annual Meeting of the American Psychiatric Society. Honolulu, HA. May 14-18, 2011.
16. Virk Nijjar G, Shuldiner AR, **Mitchell BD**, Vaswani D, Sleemi A, Ryan K, Postolache TT. Seasonal sleep and weight changes in the Older Order Amish. Presented at the Biologica Psychiatry meetings.
17. Yau M, Yerges-Armstrong L, Doherty M, Hochberg M, Jordan JM, Kraus VB, **Mitchell B**, Wilson AG and GOGO Investigators. Heritability and linkage of radiographic progression of hip and knee osteoarthritis: results from the longitudinal component of the Genetics of Generalized Osteoarthritis Study. Oral presentation at: American College of Rheumatology Annual Meeting; November 5-9, 2011; Chicago, IL.
18. Yerges-Armstrong LM, Lu C, Hochberg MC, **Mitchell BD**, Duggan D, Jackson, for the OAI Investigators. The association of genes within the Vitamin D metabolism pathway and radiographic knee osteoarthritis: data from the Osteoartritis Iniative genome-wide association study. Presented at the 2011 OARSI World Congress of Osteoarthritis. San Diego, CA. Sept 15-18, 2011.
19. Yerges-Armstrong LM, O’ Connell JR, Curran JE, **Mitchell BD**, Shuldiner AR, Damcott CM. Gene expression differences between offspring of long-lived individuals and controls in candidate longevity regions. The Gerontological Society of America. Boston, MA. 2011.
20. Yerges-Armstrong LM, Ryan KA, Streeten E, Lee W-J, Shuldiner AR, Schäffer AA, **Mitchell BD**. Age-related bone loss is associated with younger maternal age at death. Presented at the ASBMR Forum on Aging and Skeletal Health. Bethesda, MD. March 21-22, 2011. \*Selected to receive ASBMR Young Investigator Award.
21. Yerges-Armstrong LM, Shen H, Streeten EA, Shuldiner AR, **Mitchell BD**. Bone mineral density is reduced in subjects with Familial Defective Apolipoprotein B-100. Presented at the 2011 Annual Meetings of the Am Society for Bone and Mineral Research. San Diego, CA. Sept 16-20, 2011. [#FR0197] \*Selected as a plenary poster and for Young Investigator Travel Award.
22. Zheng H-F, Yerges-Armstrong LM, Eriksson JE, Duncan EL, **Mitchell BD**, Lorentzon M, Streeten EA, Ohlsson C, Richards JB. Large-scale meta-analysis of genome-wide association studies for bone mineral density at radius: the GEFOS Consortium. Presented at the 2011 Annual Meetings of the Am Society for Bone and Mineral Research. San Diego, CA. Sept 16-20, 2011. [#FR0199]
23. Zheng H-F, Yerges-Armstrong LM, Eriksson JE, Duncan EL, **Mitchell BD**, Ohlsson C, Streeten EA, Lorentzon M , Richards JB. Large-scale meta-analysis of genome-wide association studies for bone mineral density at radius identified susceptibility locus at Wnt16: the GEFOS Consortium. Presented at the 12th International Congress of Human Genetics/61st Annual Meeting of the Am Soc of Human Genetics. Abstract/Program #849W. Montreal, CAN. Oct 11-15, 2011. [#849W]

***2012***

1. Bluher AE, Nalls MA, Cole JW, Sharma P, Meschia JF, Cheng Y-C, Kittner SJ, O’Connell JR, **Mitchell BD**. Heritability of ischemic stroke and its subtypes. Presented at the International Stroke Conference 12. New Orleans, LA. February 1-3, 2012.
2. Fisch AS, Liu J, Lewis JP, Yerges-Armstrong LM, O’Connell JR, **Mitchell BD**, Horenstein RB, Ambulos N, Ryan K, Gibson Q, Shelton J, Shuldiner AR. Novel association of dual anti-platelet drug reponse with a functional variant in PPARG. Presented at the 62nd Annual Meeting of the American Society for Human Genetics. San Francisco, CA. Nov 6-10, 2012. 602T
3. Fu M, Lu W, Cheng Y-C, Gibson Q, Shi X, Tanner K, O’Connell JR, **Mitchell BD**, Shuldiner AR. Rare LPA genetic variants affect lipoprotein (a) level in the Old Order Amish. Presented at the 72nd Scientific Sessions of the American Diabetes Association. Philadelphia, PA. June 8-12, 2012.
4. Hochberg MC, Yerges-Armstrong L, Lu C, Yau MS, **Mitchell BD**, Jordan JM, Liu Y, Renner JB, McSherry T, Taverna DM, Duggan D, Mysiw WJ, Jackson RD. Genome wide association studies of knee osteoarthritis in 2 large North American cohorts: a meta-analysis with 2667 cases. Presented at the ACR/ARHP Annual Meeting 2012. Washington DC. Nov 10-14, 2012.
5. Jackson R, Yerges-Armstrong L, Lu C, Jordan J, Liu Y, Duggan D, **Mitchell B**, Hochberg M. Radiographic knee osteoarthritis is associated with genetic loci previously associated with bone mineral density. Presented at the 2012 Annual Meetings of the American Society for Bone and Mineral Research, Minneapolis, MN. Oct 12-15, 2012. J Bone Miner Res 27 (Suppl 1).
6. Kim YJ, Cheng Y-C, Cole JW, Meschia JF, Nalls M, Sharma P, Kittner SJ, **Mitchell BD**. Gene pathway analysis in young vs. old onset ischemic stroke. Presented at the International Stroke Conference 12. New Orleans, LA. February 1-3, 2012.
7. Luneburg P, Yerges-Armstrong LM, **Mitchell BD**, Hochberg MC. Racial differences in pain reporting in subjects with or at risk for symptomatic radiographic knee osteoarthritis: data from the Osteoarthritis Initiative. Presented at the 2012 World Congress on Osteoarthritis. Barcelona, SP. April 26-29, 2012.
8. Luneburg P, Yerges-Armstrong LM, **Mitchell BD**, Hochberg MC. Racial differences in reported knee pain severity persist even after adjustment for knee examination and radiographic findings: data from the Osteoarthritis Initiative. Presented at the 2012 ACR/ARHP Annual Meeting. Washington D.C. Nov 10-14, 2012.
9. Southerland A, Dueker N, Reiner A, Chen F, Cheng Y-C, Bookman E, Chen W-M, Doheny K, Jackson R, Miriel D, Udren J, Wang L, Kooperberg C, Kittner S, Sale M, Worrall B, **Mitchell B**, Rexrode K. Investigation of aromatase gene (CYP19A1) variations in stroke patients. Presented at the International Stroke Conference 12. New Orleans, LA. February 1-3, 2012.
10. Tuna S, Field S, Prokopenko I, Groves C, Broxholme J, Baier L, Das SK, Froguel P, **Mitchell BD**, Shuldiner AR, Stein LD, McCarthy M, Deloukas P for the International Type 2 Diabetes 1q Consortium. Identification of CNV regions by SVM for Type 2 Diabetes data from CGH array. Presented at the 72nd Scientific Sessions of the American Diabetes Association. Philadelphia, PA. June 8-12, 2012.
11. Yau M, Yerges-Armstrong L, Doherty M, Hochberg M, Jordan JM, Kraus VB, **Mitchell BD**, Wilson AG, and GOGO Investigators. Heritability and linkage of radiographic progression of hip and knee osteoarthritis: Results from the longitudinal component of the Genetics of Generalized Osteoarthritis Study. Poster presentation at: American College of Rheumatology Research Workshop; May 4-6, 2012; Denver, CO.
12. Yau M, Yerges-Armstrong L, **Mitchell BD**, Hochberg MC. Clinical features associated with progression of knee radiographic osteoarthritis: data from the Osteoarthritis Initiative. Presented at the 2012 ACR/ARHP Annual Meeting. Washington D.C. Nov 9-14, 2012.
13. Yerges-Armstrong LM, Lu C, Liu Y, Hochberg MC, **Mitchell BD**, Jordan JM, Renner JB, McSherry T, Taverna DM, Duggan D, Mysiw WJ, Jackson R. A genetic analysis of osteoarthritis of the knee in North American Caucasians: Results from the Osteoarthritis Initiative and Johnson County Osteoarthritis Project. Presented at the 2012 World Congress on Osteoarthritis. Barcelona, SP. April 26-29, 2012. Osteoarthritis and Cartilage 20:S46, 2012.
14. Zheng H-F, Yerges-Armstrong L, Eriksson J, Leo P, Bergström U, Leslie W, Goltzman D, **Mitchell B**, Pettersson U, Duncan E, Lorentzon M, Streeten E, Ohlsson C, Richards B. *MEF2C* is associated with forearm bone mineral density but not forearm osteoporotic fractures. Presented at the 2012 Annual Meetings of the American Society for Bone and Mineral Research, Minneapolis, MN. Oct 12-15, 2012. J Bone Miner Res 27 (Suppl 1). Available at http://www.asbmr.org/Meetings/AnnualMeeting/AbstractDetail.aspx?aid=51d4e88b-f79d-47e2-a15b-134f0c57b52e. Accessed November 17, 2012

***2013***

1. Backman JD, Million-Mrkva AD, Hong LE, Ehringer MA, **Mitchell BD**, Shuldiner AR, Ryan KA, Stephens SH. Replication of nicotine dependence-associated locus on chromosome 15 in an Old Order Amish population with low rates of smoking. Presented at the 63nd Annual Meeting of the American Society for Human Genetics. Boston, MA, 2013. 1218T
2. Chen K, Lu W, Cheng Y-C, Ma K, Gerhard GS, Still CD, Chu X, Yang R, Gorden A, Quon MJ, **Mitchell BD**, Shuldiner AR. Functional assessment of genetic variants associated with Lp(a) levels on chromosome 6q25-26. Presented at the 63nd Annual Meeting of the American Society for Human Genetics. Boston, MA, 2013. 582T
3. Etiologic Stroke Subtypes in the NINDS Stroke Genetics Network Study. Presented at the American Academy of Neurology 65th Annual Meeting. San Diego, CA. March 16- 23, 2013.
4. Jahanshad N, Kochunov PK, Sprooten E, Mandl RC, Nichols TE, Almasy L, Blangero J, Brouwer RM, Curran JE, de Zubicaray GI, Duggirala R, Fox PT, Hong LE, Landman BA, Martin NG, McMahon KL, Medland SE, **Mitchell BD**, Olvera RL, Peterson CP, Starr JM, Sussmann JE, Toga AW, Wardlaw JM, Wright MJ, Hulshoff Pol HE, Bastin ME, McIntosh AM, Deary IJ, Thompson PM, Glahn DC. Multi-Site Genetic Analysis of 1151 Diffusion MRI Scans from the ENIGMA–DTI Working Group, OHBM, Seattle, WA, June 2013.
5. Jiang B, Hamedani AG, Cheng Y-C, Sparks MJ, Koontz D, Gallagher M, Bean C, McArdle P, O’Connell JR, Stine OC, Wozniak MA, Stern BJ, **Mitchell BD**, Kittner SJ, Cole Jw. Prothrombin G20210A mutation and ischemic stroke risk in European ancestry: The Genetics of Early Onset Stroke Study and meta-analysis of 2304 young-onset stroke cases. Presented at the International Stroke Conference 2013. Honolulu, HI. Feb 8, 2013.
6. Lewis J, Stephens S, Horenstein R, O'Connell J, Ryan K, Peer C, Figg W, Spencer S, Pacanowski M, **Mitchell B**, Shuldiner A. The *CYP2C19*\*17 variant is not independently associated with clopidogrel response. Presented at the 63nd Annual Meeting of the American Society for Human Genetics. Boston, MA, 2013. 732W.
7. Liu Y, PhD Yau MS, Yerges-Armstrong LM, Duggan DJ, Renner JB, Hochberg MC, **Mitchell B**, Jackson RD, Jordan JM. Genome-wide association study of knee radiographic osteoarthritis in African-American populations. Presented at the 13th annual meeting of the Am Coll Rheumatol. San Diego, CA. Oct 26-30, 2013.
8. Saslow K, Ryan KA, **Mitchell BD**, McArdle PF, Cheng Y-C, Cole JW, Kittner SJ. Opportunities for prevention of oral contraceptive-associated ischemic stroke: The Stroke Prevention in Young Women Study. Presented at the International Stroke Conference 2013. Honolulu, HI. Feb 8, 2013.
9. Yau MS, Jackson RD, Hochberg MC, Krishnan S, Duggan DJ, **Mitchell BD**, Yerges-Armstrong LM. Higher BMI genetic risk score is associated with prevalent radiographic knee osteoarthritis but not progression in the Osteoarthritis Initiative Study. Presented at the 63nd Annual Meeting of the American Society for Human Genetics. Boston, MA, 2013. 891W
10. Zhang L, Evans DS, Raheja UK, Stephens SH, **Mitchell BD**, Ryan K, Vaswani D­, Ashraf A, McLain H, Hsueh W-C, Shuldiner AR, Stiller JW, Snitker S, Postolache TT. Association between seasonality and evening chronotype in the Old Order Amish. Biological Psychiatry, 2012

***2014***

1. Arsava EM, Brown Jr. RD, Kittner SJ, Meschia JF, **Mitchell BD**, Rexrode KM, Rosand J, Rundek T, Woo D, Worrall BB, Ay H. Etiology-specific clinical and imaging features in ischemic stroke. Presented at the 2014 International Stroke Conference. San Diego, CA. Feb 12-14, 2014.
2. Arsava EM, Brown Jr. RD, Kittner SJ, Meschia JF, **Mitchell BD**, Rexrode KM, Rosand J, Rundek T, Woo D, Worall BB, Ay H, on behalf of SiGN Investigators. The role of etiology-specific clinical and imaging features in ischemic stroke. Presented at the 2014 International Stroke Conference. San Diego, CA. Feb 12-14, 2014.
3. Castaño-Betancourt MC, Evans DS, Liu Y, Yau MS, Uitterlinden AG, Evangelou V, Kraus V, Jordan J, Floris Lafeber F, **Mitchell B**, Meulenbelt I, Lane NE, Valdes AM, van Meurs JBJ. Novel variants for cartilage thickness and hip osteoarthritis: revealing genes implicated in cartilage and bone development. Osteoarthritis Research Society International (ORSI). World Congress on Osteoarthritis. Paris, France. April 24-27, 2014. Osteoarthritis and Cartilage 22:S41, 2014.
4. Cole JW, Ryan KA, Cheng YC, Koontz D, Bean CJ, Gallagher M, Hooper WC, McArdle P, O’Connell JR, Stine OC, Wozniak MA, Stern BJ, **Mitchell BD**, Kittner SJ, Simard JM. Genetic variation in the sulfonylurea receptor 1 (Sur1)-regulated NCCa-ATP channel and stroke outcome: The Genetics of Early Onset Stroke Study. Presented at the 2014 International Stroke Conference. San Diego, CA. Feb 12-14, 2014.
5. Fisch AS, Bozzi LM, Ryan KA, Horenstein RB, O’Connell JR, **Mitchell BD**, Shuldiner AR, Yerges-Armstrong LM, Lewis JP. Novel association between genetic variation in the platelet endothelial aggregation receptor 1 (*PEAR1*) gene and platelet count is not modified by anti-platelet treatment with clopidogrel and aspirin. Presented at the 64th Annual Meeting of the American Society for Human Genetics. San Diego, CA, 2014. 2071S.
6. Jahanshad N, Kochunov P, Nichols TE, Sprooten E, Mandl RC, Almasy L, Brouwer RM, Curran JE, de Zubicaray GI, Dimitrova R, Fox PT, Hong LE, Landman BA, Lemaitre H, LucianoM, Martin NG, McMahon KL, **Mitchell BD**, Olvera RL, Peterson CP, Sussmann JE, Toga AW, Wardlaw JM, Wright MJ, Wright SN, Bastin ME, McIntosh AM, Boomsma DI, Kahn RS, den BraberA, de Geus EJC,Deary IJ, Williamson D, Blangero J, Hulshoff Pol HE, van ’t Ent D, Glahn DC, ThompsonPM. Using meta and mega analyses to find regional heritability estimates from 2203 scans - from the ENIGMA-DTI working group. submitted to 20th Annual Meeting of the Organization for Human Brain Mapping (OHBM) June 8-12, 2014, Hamburg, Germany
7. Liu Y, Yau MS, Yerges-Armstrong LM, **Mitchell BD**, Jackson RD, Smith S, Maixner B, Diatchenko L, Renner JB, Jordan JM. Genome-wide association study for severe radiographic knee osteoarthritis. Accepted for presentation at the 2014 ACR/ARHP Annual Meeting. Boston, MA. Nov 16-18, 2014.
8. Mitchell AB, Cole JW, McArdle PF, Cheng YC, **Mitchell BD**, Kittner SJ. Obesity increases risk of ischemic stroke in young adults. Presented at the 2014 International Stroke Conference. San Diego, CA. Feb 12-14, 2014.
9. Puett RC, Yanosky JD, Pavlovich M, Reed R, Hibbert J, Fisher J, **Mitchell BD**. Metabolic syndrome and air pollution exposures in the Old Order Amish. Accepted for presentation at the 26th Annual International Society for Environmental Epidemiology Conference. Seattle, Washington, USA. August 24-28, 2014.
10. Raheja UK, Stephens SH, Reeves GM, Pollin TI, Stiller JW Ryan K, Mohyuddin I, Hinman SJ, MacLain H, Weitzel N, Snitker S, **Mitchell BD**, Shuldiner AR, Postolache TT. Adiponectin and seasonality and behavior in the Old Order Amish. Presented at the 69th Annual meeting of the Society of Biological Psychiatry. May 8-10, 2014.
11. Rexrode KM, Mitchell BD, Ryan KA, et al. Abstract T P153: Women and Men with Ischemic Stroke in SiGN Have Different Subtype Distributions and Risk Factors. Stroke. 2014; 45: ATP153.
12. Rexrode, KM, **Mitchell BD**, Ryan KA, Kittner SJ, Ay H, Wassertheil-Smoller, S, Rundek T, on behalf of SiGN Investigators. Women and men with ischemic stroke in SiGN have different subtype distributions and risk factors. Presented at the 2014 International Stroke Conference. San Diego, CA. Feb 12-14, 2014.
13. Wang G, Padmanabhan S,Mikami E, Fuku N, Tanaka M,Miyachi M, Murakami H, Cheng Y-C, **Mitchell BD**, Austin KG, Pitsiladis YP. GWAS of elite Jamaican, African-American and Japanese sprint athletes. Accpted at the 2014 Annual meeting of the American College of Sports Medicine. Orlando, FL. May 27-31, 2014.
14. Yau M, Yerges-Armstrong L, Liu Y, Duggan DJ, Jordan JM, **Mitchell BD**, Jackson RD, Hochberg MC. Genome-wide association study of osteoarthritis progression: results from the Osteoarthritis Initiative. Accepted for presentation at the 2014 ACR/ARHP Annual Meeting. Boston, MA. Nov 16-18, 2014.
15. Yau M, Yerges-Armstrong L, O’Connell JR, Jackson RD, Hochberg MC, **Mitchell BD**, Kraus VB. Linkage and association mapping for osteoarthritis progression in the Genetics of Generalized Osteoarthritis Study. Presented at the 64th Annual Meeting of the American Society for Human Genetics. San Diego, CA, 2014. 1094M.
16. Yerges-Armstrong L, Nevitt MC, Yau M, Lane NE, Duggan D, Jungman PM, **Mitchell BD**, Jackson RD, Hochberg M. Genetic association analysis of radiographic hip OA with established loci for bone mineral density: Data from the Osteoarthritis Initiative. Osteoarthritis Research Society International (ORSI). World Congress on Osteoarthritis. Paris, France. April 24-27, 2014. Osteoarthritis and Cartilage 22:S234, 2014.

***2015***

1. Abecasis GR, Applebaum-Bowden D, Barnes K, Blackwell T, Blangero J, Burchard E, Correa A, Ellinor P, Fox C, Gabriel S, Gan W, Jaquish C, Kang HM, Kathiresan S, Laurie C, McGarvey S, **Mitchell B**, Nickerson D, O'Connell J, Papanicolau G, Qasba P, Vasan RS, Redline S, Rice K, Silverman E, Smith JD, Srinivas P, Weiss S, Wilson J, for the National Heart Lung and Blood Institute's TopMed Program. Sequence data processing and analysis of the first 20,000 human genomes in the NHLBI TopMed Program. Program/Abstract # 628. Presented at the 65th Annual Meeting of The American Society of Human Genetics, October 8th, 2015 in Baltimore, MD.
2. Attur M, Statnikov A, Krasnokutsky S, Kraus V, Jordan JM, **Mitchell BD**, Yau M, Patel J, Aliferis CF, Hochberg MC, Samuels J, Abramson SB. Elevated peripheral blood leukocyte inflammatory gene expression in radiographic progressors with symptomatic knee osteoarthritis: NYU and OAI cohorts. Osteoarthritis and Cartilage 23:A51-A52, 2015.
3. Backman J, Horenstein R, **Mitchell B**, O'Connell J, Shuldiner, A, Yerges-Armstrong L, Lewis J. A missense mutation in SVEP1 influences on-clopidogrel platelet aggregation in a sex-specific manner. Program/Abstract # 686. Presented at the 65th Annual Meeting of The American Society of Human Genetics, October 8th, 2015 in Baltimore, MD.
4. El Rouby N, McDonough CW, Gong Y, McClure LA, **Mitchell BD**, Horenstein RB, Talbert RL, Takahashi A, Tanaka T, Kubo M, Pepine CJ, Cooper-DeHoff RM, Benavente OR, Shuldiner AR, Johnson JA. Novel genetic loci for resistant hypertension discovered through a genome-wide association approach (GWAS) in the INternational VErapamil SR-Trandolapril STudy (INVEST) and the Secondary Prevention of Subcortical Strokes (SPS3) Study. Program/Abstract # 665. Presented at the 65th Annual Meeting of The American Society of Human Genetics, October 8th, 2015 in Baltimore, MD.
5. El Rouby N, McDonough CW, Gong Y, McClure LA, **Mitchell BD**, Horenstein RB, Talbert RL, Takahashi A, Tanaka T, Kubo M, Pepine C, Cooper-DeHoff RM, Benavente O, Shuldiner AR, and Johnson JA. Circulation. 2015;132:A15465. Poster presentation at the American Heart Association 2015 Scientific Sessions.  November 8, 2015. Orlando, FL.
6. Fisch AS, Lewis JP, Yerges-Armstrong LM, Parihar A, Xu H, O’Connell JR, Ryan K, Horenstein RB, **Mitchell BD**, Shuldiner AR. A variant in *UGT2A1* is associated with sex-specific clopidogrel response. Program/Abstract # 670. Presented at the 65th Annual Meeting of The American Society of Human Genetics, October 8th, 2015 in Baltimore, MD.
7. Park SK, Peng Q, Bielak LF, Peyser PA, **Mitchell BD**. Urinary arsenic and measures of insulin sensitivity and β-cell function in non-diabetic Amish adults. Presented at the 27th Conference of the International Society for Environmental Epidemiology. Sao Paolo, BZ. Aug 30-Sept 3, 2015.
8. Stephens SH, Fleming PJ, **Mitchell BD**, Edleman M. Somatic mutation profile differences of “driver” mutations in 26 oncogenic lung cancer genes between African American and European American non-small cell lung cancer patients. Cancer Res 75(15 SUppl):4599, 2015
9. Taylor SI, Perry JA, Ryan K, Perry CG, Damcott CM, Horenstein RB, **Mitchell BD**, O’Connell JR, O’Connor TD, Pollin TI, Yerges-Armstrong L, Shulidner AR. Genetic variant (R275S) in Insulin-like Peptide 5 is associated with increased insulin sensitivity. Submitted to the Annual meeting of the Am Diabetes Association.
10. Taylor SI, Perry JA, Ryan K, Perry CG, Damcott CM, Horenstein RB, **Mitchell BD**, O’Connell JR, O’Connor TD, Pollin TI, Yerges-Armstrong L, Shulidner AR. Genetic variant (R711C) in the regulatory subunit of pyruvate dehydrogenase phosphatase-1 (PDPR) is associated with increased BMI in Old Order Amish. Submitted to the Annual meeting of the Obesity Society.
11. Wang X, Yerges-Armstrong L, Deng Z, Perry J, 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. Program/Abstract # 777. Presented at the 65th Annual Meeting of The American Society of Human Genetics, October 8th, 2015 in Baltimore, MD.
12. Xu H, Ryan AS, Forrester TG, Cheng YC, Parihar A, Tanner K, Cole JW, **Mitchell BD**, Hafer-Macko CE, Macko RF. Lower extremity skeletal muscle DNA methylation in chronic stroke. Program/Abstract # 1217. Presented at the 65th Annual Meeting of The American Society of Human Genetics, October 8th, 2015 in Baltimore, MD.
13. Zhang L, Raheja UK, Shuldiner AR, Amritwar A, Sleemi A, Stiller JW, Evans DS, Hsueh W-C, Snitker S, **Mitchell BD**, Postolache T. Chronotype Is Associated with Seasonal Weight and Sleep Duration Changes in the Old Order Amish. Submitted to the American Psychiatric Association.
14. Zhang L, Raheja UK, Shuldiner AR, Amritwar A, Sleemi A, Stiller JW, Evans DS, Hsueh W-C, Snitker S, **Mitchell BD**, Postolache T. Chronotype Is Associated with Seasonal Weight and Sleep Duration Changes in the Old Order Amish. Submitted to the Society for Biological Psychiatry meetings. Toronto, 2015.

***2016***

1. Blackwell T, Abecasis G, Barnes K, …, **Mitchell BD**, …, Wilson J, on behalf of the NHLBI TOPMed Program. Sequence data processing and analysis of 18,000 human genomes in the NHLBI TOPMed sequencing program. Am Soc Hum Genetics 2016 Annual meetings. #654F.
2. Cole JW, Jaworek T, Ryan K, McArdle P, Dave T, Stine OC, Cheng Y, Aparicio H, Yang Q, Mei H, Groves ML, Flaherty ML, Kittner SJ, Wilson J, Seshadri S, **Mitchell BD**, Xu H. An exome array-wide analysis of ischemic stroke in the Genetics of Early Onset Stroke Study. 20th workshop of the International Stroke Genetic Workshop. Milan, Italy. Nov 3-4, 2016.
3. Cole JW, Jaworek T, Ryan K, McArdle P, Tushar D, Stine OC, Cheng Y-C, Aparicio H, Yang Q, Mei H, Groves ML, Flaherty ML, Kittner SJ, Wilson J, Seshadri S, **Mitchell BD**, Xu H. An exome array-wide analysis of ischemic stroke in the Genetics of Early Onset Stroke Study. 20th Workshop of the International Strke Genetics Consortium. Milan, IT. Nov 3-4, 2016.
4. Fornage M, Jimenez-Conde J, Kittner SJ, Markus HS, **Mitchell BD**, Rundek T, Wassertheil-Smoller S, Williams S, Rexrode KM, for the Stroke Genetics Network (SiGN) and the International Stroke Genetics Consortium (ISGC). A sex-specific genome-wide association study of ischemic stroke in the Stroke Genetics Network (SiGN). 20th workshop of the International Stroke Genetic Workshop. Milan, Italy. Nov 3-4, 2016.
5. Giese A-K, Schirmer MD, Dalca A, Sridharan R, Cloonan L, Xu H, Cole JW, McArdle PF, Broderick JP, Jimenez-Conde J, Jern C, Kissela BM, Kleindorfer DO, Lemmens R, Lindgren A, Meschia JF, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Thijs V, Woo D, Worrall BB, Wu O, Kittner SJ, **Mitchell BD**, Rosand J, Golland P, Rost NS. Determinants of white matter hyperintensity in acute stroke patients: the MRI-GENIE Study. 20th workshop of the International Stroke Genetic Workshop. Milan, Italy. Nov 3-4, 2016.
6. Giese AK, Xu H, Dave T, Schirmer MD, Dalca A, Sridharan R, Cloonan L, McArdle P, Broderick J, Jimenez Conde J, Jern C, Kissela B, Kleindorfer D, Lemmens R, Lindgren A, Meschia J, Rundek T, Sacco R, Schmidt R, Sharma P, Slowik A, Thijs V, Woo D, Worrall B, Wu O, Golland P, Kittner S, Rosand J, **Mitchell BD**, Rost NS**.** Genetics of MRI-based Traits in Patients with Ischemic Stroke: the MRI-GENIE Study. 19th International Stroke Genetics Consortium Workshop. Boston, MA. April 28, 2016.
7. Giese A-K, Xu H, Ryan K, Schirmer MD, Dalca A, Dave T, Cole JW, McArdle PF, Broderick JP, Jimenez-Conde J, Jern C, Kissela BM, Kleindorfer DO, Lemmens R, Lindgren A, Meschia JF, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Thijs V, Woo D, Worrall BB, Wu O, Kittner SJ, Golland P, Rosand J, **Mitchell BD**, Rost NS. Genetics of white matter hyperintensity burden in patients with ischemic stroke: the MRI-GENIE Study. 20th workshop of the International Stroke Genetic Workshop. Milan, Italy. Nov 3-4, 2016.
8. Jaworek Y, Xu H, Ryan K, **Mitchell BD**. Familial hyperlipidemia and type 2 diabetes (T2D) risk in the Old Order Amish. Mid-Atlantic Diabetes Research Symposium. Bethesda, MD. Sept 30, 2016.
9. Magvanjav O, McDonough CW, Gong Y, McClure LA, Talbert RL, Horenstein RB, **Mitchell BD**, Shuldiner AR, Benavente OR, Johnson JA. Pharmacogenetic association of ß1-adrenergic receptor Ser49Gly polymorphism with outcomes in the Secondary Prevention of Small Subcortical Strokes (SPS3) trial. Clinical Pharmacology & Therapeutics 2016, 99: S19 (PT-17).
10. Nijjar G, Pavlovich MA, Fuchs D, **Mitchell BD**, Shuldiner AR, Mathai M, Postolache TT. Associations between metabolic and cardiovascular risk factors and nitrate levels in the Old Order Amish. APA (accepted)
11. Phuah C-L, Dave T, Malik R, …, **Mitchell BD**, …, Anderson CD. Genetic variants inﬂuencing myeloperoxidase levels increase risk of stroke. Am Soc Hum Genetics 2016 Annual meetings. #409W.
12. Raheja UK, Stephens SH, Fuch D, Mohyuddin H, Pavlovich MA, Pollin TI, Shuldiner AR, **Mitchell BD**, Postolache TT. Low Heritability of neopterin in ihe Old Order Amish. 71st Annual Meeting of the Soc of Biolog Psychiatry. May 12-14, Atlanta, GA 2016. (accepted)
13. Salimi S, Xu H, Ryan K, …, **Mitchell BD**. Multiple independent variants at the MCPH1/ ANGP2T locus inﬂuence circulating concentrations of serum angiopoietin-2. Am Soc Hum Genetics 2016 Annual meetings. #677T.
14. Salimi S, Yerges-Armstrong LM, Lewis JP, **Mitchell BD**, O’Connell JR, Perry J, Ryan K, Shuldiner AR, Parsa A. Clopidogrel improves endothelial function in individuals with heightened platelet aggregation. Presented at the 2016 Scientific Sessions of the American Heart Association. New Orleans, LA. Nov 12-16, 2016.
15. Williams SR, Keene KL, Malik R, Yang Q, Dave T, **Mitchell B**, Sedharidi S, Sale MM, Worrall BB, for the METASTROKE and Stroke Genetics Network (SiGN) Consortia. A network approach to identifying new candidates for stroke and stroke subtypes. Brain Mapping. 2016
16. Wang G, Padmanabhan S, Miyamoto-Mikami E, Fuku N, Tanaka M, Miyachi M, Murakami H, Cheng Y-C, **Mitchell BD**, Austin KG, Scott R, Pitsiladis YP. Genome-wide meta-analysis highlights potential loci for elite sprint performance. The Genomics of Common Diseases Symposium 2016. Baltimore, MD. Sept 25-28, 2016.
17. Xu H, Dorn II, GW, Shetty A, Pariar A, Dave T, Robinson SW, Gottlieb SS, Donahue MP, Tomaselli GF, Kraus BE, **Mitchell BD**, Liggett SB. Genomewide assocaion study of idiopathic dilated cardiomyopathy in African Americans. The Genomics of Common Diseases Symposium 2016. Baltimore, MD. Sept 25-28, 2016.
18. Yau M et al. Genome-wide association study of knee bone marrow lesions and association with previously reported bone mineral density loci. Am Soc Bone Miner Res Annual Meeting. Atlanta, GA. Sept 16-19, 2016. Presentation: FR0138.
19. Yau M et al. Genome-wide association study of knee bone marrow lesions and association with previously reported bone mineral density loci. Am Soc Bone Miner Res Annual Meeting. Atlanta, GA. Sept 16-19, 2016. Presentation: SA0138.
20. Yau MS, **Mitchell BD**, Jackson RD, Hochberg MC, Kiel DP, Felson DT. Genome-wide association study of knee bone marrow lesions and association with previously reported BMD loci. Osteoarthritis Research Society International (ORSI). World Congress on Osteoarthritis. Amsterdam, Netherlands. April 1, 2016. Osteoarthritis and Cartilage xx:Sxxx, 2016.

***2017***

1. Raheja UK, Daue ML, Ryan KA, Lowry CA, Brenner LA, **Mitchell BD**, Postolache TT. Immune function, adiponectin, and seasonality of mood and behavior in the Old Order Amish. 36th International Winter Workshop. Clinical, Chemical and Biochemical Aspects of Pteridines and Related Topics. Feb 21-24, 2017. Innsbruck, Tyrol, Austria.
2. El Rouby N, McDonough CW, Gong Y, Mcclure LA, **Mitchell BD**, Horenstein RB, Talbert RL, Bradford Y, Crawford DC, Ritchie MD, Gitzendanner MA, Takahashi A, Tanaka T, Kubo M, Pepine CJ, Benavente OR, DeHoff RM, Johnson JA.  A GWAS of Resistant Hypertension in the INternational VErapamil SR-trandolapril Study (INVEST) and Secondary Prevention of Small Subcortical Strokes (SPS3). Clin Pharmacol & Therapeutics 2017; 101:S27. (PI 029). Poster presentation at 2017 Annual Meeting, Washington Marriott Wardman Park, Washington, DC, March 15–18, 2017
3. Wassertheil-Smoller S, Qi Q, Dave T, Mitchell BD, Smoller JW. Association of Depression Polygenic Risk and Ischemic Stroke in the Stroke Genetics Network (SiGN). Berlin BRAIN & BRAIN PET, Apr 1-4, 2017. Berlin, GER
4. Dagdag A, Ryan K, Groer M, Peng X, Niijar G, …, **Mitchell BD**, Postolache T. Environmental risk factors for Toxoplasma gondii seropositivity in the Old Order Amish. Presented at the Society of Biological Psychiatry 72nd Annual Meeting. May 18-20, 2017. San Diego, CA.
5. Wadhawan A, Dagdag A, Daue M, …, **Mitchell BD**, Postolache TT. Positive association between Toxoplasma Gondii IgG serointensity and depression in the Old Order Amish. Presented at the Society of Biological Psychiatry 72nd Annual Meeting. May 18-20, 2017. San Diego, CA. San Diego, CA.
6. Uttam R, Naila N, Ryan KA, Nijjar GV, Shuldiner AR, **Mitchell BD**, Postolache TT. Adiponectin gene polymorphism and seasonality in the Old Order Amish. Presented at the Society of Biological Psychiatry 72nd Annual Meeting. May 18-20, 2017. San Diego, CA. San Diego, CA.
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18. Wang S, Hong CE, Perry J, Tanner K, **Mitchell BD**, Shuldiner AR, Fu M. A genome-wide association study identifies several novel loci for coagulation and fibrinolysis. Presented at the Am Soc Hum Genet, Abstract 1447, Oct 17-21, 2017. Orlando, FL.
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14. Streeten EA, See VY, Pollin TI, **Mitchell BD**, Shuldiner AR. High clinical impact *KCNQ1* mutation present in 1/40 Amish: Culturally-appropriate return of results from population whole exome sequencing (WES). CHARGE Consortium Scientific meetings. Baltimore, MD. Oct 10-12, 2018.
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17. Wan X, Perry JA, Zhang H, Streeten EA, **Mitchell BD**, Shudliner AR, Fu M. Heterozygotes for a founder mutation in *SLC12A3* that causes autosomal recessive Gitleman syndrome is associated with lower serum potassium in the Amish. 2018 Am Soc Hum Genet Annual Meeting. #2169. San Diego, CA, USA. Oct 2018.
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