Curriculum Vitae

Harald Heinz Herbert Göring, Ph.D.

Professor (with Tenure)
Bennett Dyke and Jean MacCluer Endowed Professor in Genetic Epidemiology
Division of Human Genetics and
South Texas Diabetes and Obesity Institute
Primary and Community Care Integrated Service Unit
University of Texas Rio Grand
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University of Texas Rio Grande Valley

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Education & Training

Year(s)	Institution	Degree	Field of Study
1988–1990	Georg-August-Universität, Göttingen, Germany	Vordiplom	Biology
1990–1991	University of California, San Diego, CA	–	Biology
1991–1992	Georg-August-Universität, Göttingen, Germany	–	Biology
1992–1993	Columbia University, New York, NY	M.A.	Molecular Genetics
1993–1996	Columbia University, New York, NY	M.Ph.	Statistical Genetics
1996–2000	Columbia University, New York, NY	Ph.D.	Statistical Genetics

Employment

Year(s)	Institution	Title
2000–2003	Department of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX	Postdoctoral Scientist
2003–2006	Department of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX	Assistant Scientist
2007–2012	Department of Genetics, Texas Biomedical Research Institute (formerly Southwest Foundation for Biomedical Research), San Antonio, TX	Associate Scientist
2013–2015	Department of Genetics, Texas Biomedical Research Institute, San Antonio, TX	Scientist
2015–2018	South Texas Diabetes and Obesity Institute and Department of Human Genetics, University of Texas Rio Grande Valley School of Medicine and University of Texas Rio Grande Valley, Brownsville/Edinburg/San Antonio, TX	Professor
2018–	South Texas Diabetes and Obesity Institute and Division of Human Genetics, PCC-ISU, University of Texas Rio Grande Valley School of Medicine and University of Texas Rio Grande Valley, Brownsville/Edinburg/San Antonio, TX	Professor (Tenured)

Extramural Appointments:

Year(s)	Appointment
2007–2011	Member, Behavioral Genetics and Epidemiology (BGES) Study Section, National Institutes of Health
2010–2011	Member, Scientific Advisory Committee, Lupus Family Registry & Repository, National Institute of Arthritis, Musculoskeletal and Skin Diseases (NIAMS)
2016–2022	Member, Cancer, Heart, and Sleep Epidemiology Panel B (CHSB) Study Section, National Institutes of Health

Awards and Honors

Year	Award/Honor
2000	With Distinction, Ph.D., Columbia University
2000	Samuel W. Rover and Lewis Rover Award, Department of Genetics and Development, Columbia University
2000	Dean's Award for Excellence in Research, Graduate School of Arts and Sciences, College of Physicians and Surgeons, Columbia University
2001	Gabriel W. Lasker Award, (Journal of) Human Biology
2002	C.W. Cotterman Award, American Journal of Human Genetics
2018–	Bennett Dyke and Jean MacCluer Endowed Professorship

Memberships

Year(s)	Society
2000–	International Genetic Epidemiology Society
2001–	American Society of Human Genetics
2002–	European Society of Human Genetics
2008–2015	Deutscher Hochschulverband (German Association of University Professors and Lecturers)
2012–2014	International Society of Psychiatric Genetics

Institutional Commitees

Year(s)	Committee
2009–2015	Technical Staff Promotions Committee, Department of Genetics, Texas Biomedical Research Institute, San Antonio, TX
2011–2015	Chair, Retirement Plan Investment Committee, Texas Biomedical Research Institute, San Antonio, TX
2015–	Technical Staff Promotions Committee, Department of Human Genetics, University of Texas Rio Grande Valley School of Medicine, UTRGV
2015–	Promotions Committee, Department of Human Genetics, University of Texas Rio Grande Valley School of Medicine, UTRGV
2017–2018	Genetics Discipline Coordinator on Central Curricular Authority Committee, University of Texas Rio Grande Valley School of Medicine, UTRGV
2018–2022	Admissions Committee, University of Texas Rio Grande Valley School of Medicine, UTRGV
2022–	Medical Student Evaluation and Promotion Committee, University of Texas Rio Grande Valley School of Medicine, UTRGV
2022–	Admissions Committee, Ph.D. Program in Human Genetics, Division of Human Genetics, University of Texas Rio Grande Valley School of Medicine, UTRGV
2022–	Faculty Search Committee, Division of Human Genetics, University of Texas Rio Grande Valley School of Medicine, UTRGV

Mentoring and Supervising

(Scientific staff only, not technical staff)

Year(s)	Name	Affiliation and Title (during supervision period and currently)
2008–2010	Laura Bauman, Ph.D.	Postdoctoral Scientist, Department of Genetics, Texas Biomedical Research Institute, San Antonio, TX Now Senior Technical Staff Member, Quantitative Modeling and Analysis Organisation, Sandia National Laboratories, Livermore, CA
2008–2014	Rohina Rubicz, Ph.D.	Postdoctoral Scientist, Department of Genetics, Texas Biomedical Research Institute, San Antonio, TX Now scientific writer, Seattle, WA
2008–2017	Eugene I. Drigalenko, Ph.D.	Staff Scientist, Department of Genetics, Texas Biomedical Research Institute, San Antonio, TX Now retired
2013–2018	August N. Blackburn, Ph.D.	Postdoctoral Scientist, first at Department of Genetics, Texas Biomedical Research Institute, San Antonio, TX; subsequently at South Texas Diabetes and Obesity Institute and Department of Human Genetics, University of Texas Rio Grande School of Medicine, UTRGV Now scientist for the US military in San Antonio, TX
2015–2022	Lucy Blondell, Ph.D.	Senior Research Scientist, South Texas Diabetes and Obesity Institute and Department of Human Genetics, University of Texas Rio Grande Valley School of Medicine, UTRGV Now scientist at University of Texas San Antonio, San Antonio, TX
2015–2022	Peter T. Stevens, Ph.D.	Senior Research Scientist, South Texas Diabetes and Obesity Institute and Department of Human Genetics, University of Texas Rio Grande Valley, San Antonio, TX
2016–	Mark Z. Kos, Ph.D.	Associate Research Professor, South Texas Diabetes and Obesity Institute and Division of Human Genetics, PCC ISU, University of Texas Rio Grande Valley Schoolf of Medicine, UTRGV

Review

Review – Dissertations:

Year	Candidate, Thesis, University
2008	Sampo Sammalisto, Ph.D. thesis on Search for Genetic Variants Influencing Human Height, University of Helsinki, Finland (public opponent)
2009	Johannes Kettunen, Ph.D. thesis on Examination of Genetic Components Affecting Human Obesity Related Quantitative Traits, University of Helsinki, Helsinki, Finland (outside pre-examiner)
2020	Heikki V. Sarin, Ph.D. thesis on Body Composition, Exercise Training, and Energy Availability as Determinants of Immune System and Cardiometabolic Signatures, University of Helsinki, Helsinki, Finland (outside pre-examiner)
2021–	Christian Ray Serrano, Role of DNA Methylation in Regulating Homeostasis in a Hispanic Childhood Obesity Cohort, University of Texas San Antonio, San Antonio, TX (member of Dissertation Committee)

Review – Grants (National, International):

Date(s)	Review Committee and Location	Funding Agency
2003/07/18	ZEY1 VSN 03: Clinical Retina/Genetics/QOL and Infrastructure Applications, J. Hosseini, SRA; Bethesda, MD	NIH
2004/10/19	ZMH1 ERB-L 01 S: Gene-Environment Effects and Epigenesis in Depression, A.R. Little, SRA; Bethesda, MD	NIH
2005/05/17–18	ZHL1 CSR-G S1 R: SCCOR in Hemostatic and Thrombotic Diseases, J.S. Hannah, SRA; Rockville, MD	NIH
2005/07/19	ZRG1 HOP-N 60: Epidemiology of cancer (EPIC) member conflict special emphasis panel, S. Sempos, SRA; phone review	NIH
2006/02/23–24	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRA; Washington, DC	NIH
2006/05/08	Interim review of projects funded by Genome Canada in its Applied Genomics and Proteomics Research in Human Health competition; written review via email	Genome Canada, Canada
2006/06/29–30	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRA; Washington, DC	NIH
2007/03/22	ZEY1 VSN 01: NEI Epidemiology, Genetics and Data Analysis Grant Applications (Special Emphasis Panel), H. Araj, SRA; Bethesda, MD	NIH

2007/10/01–02	Behavioral Genetics and Epidemiology Study Section (BGES), and ZRG1 HOP-V (60) S, E. Koss, SRO; Washington, DC	NIH
2008/02/04	Mail-in review	Fonds zur Förderung der wissenschaftlichen Forschung, Austria
2008/02/07–08	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRO; Santa Monica, CA	NIH
2008/06/25	Kidney, Urologic and Hematologic Diseases D Subcommittee, B. Woynarowska, SRO (mail-in review)	NIH
2008/10/02	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRO; Washington, DC	NIH
2008/11/17	ZEY1 VSN (01), NEI Clinical, Epidemiological and Genetics Grant Applications, A. Schaffner, SRO; Washington, DC	NIH
2009/02/05–06	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRO; San Francisco, CA	NIH
2009/03/04–05	Kidney, Urologic and Hematologic Diseases D Subcommittee, B. Woynarowska, SRO (mail-in review)	NIH
2009/06/04–05	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRO; Washington, DC	NIH
2009/09	Special emphasis panel RC2 Medical Sequencing (mail-in review)	NIH
2009/10/06–07	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRO; Washington, DC	NIH
2009/11	Mail-in review	Wellcome Trust, UK
2010/02/09	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRO; Washington, DC	NIH
2010/06/04	Behavioral Genetics and Epidemiology Study Section (BGES), E. Koss, SRO; Seattle, WA (phone review)	NIH
2010/10/20–21	Behavioral Genetics and Epidemiology Study Section (BGES), S. Ryan, SRO; Washington, DC	NIH
2011/02/02	Behavioral Genetics and Epidemiology Study Section (BGES), S. Ryan, SRO; San Francisco, CA	NIH
2011/06/09	Behavioral Genetics and Epidemiology Study Section (BGES), S. Ryan, SRO; Chicago, IL	NIH
2011/11	Mail-in review	Icelandic Research Fund, Iceland

2011/11/09–10	Special emphasis panel International Research in Infectious Diseases including AIDS (IRIDA), A. Politis, SRO; Chicago, IL	NIH
2012/08/27	Special emphasis panels Applications on Genomics and Genetics and Genetic Epidemiology Applications, B. Hoshaw, SRO; Bethesda, MD	NIH
2012/10/31	Special emphasis panel/Scientific Review Group ZRG1 PSE-N 02 M, Member Conflict: Behavioral Genetics and Epidemiology; L. Steele, SRO; phone review; chair of committee	NIH
2013/01/24	Special Emphasis Panel/Scientific Review Group 2013/05 SSPA, Social Sciences and Population Studies Study Section A; S. Ryan, SRO; mail review	NIH
2013/06/17	Special Emphasis Panel/Scientific Review Group 2013/08 ZRG1 PSE-P (56) R, Secondary Dataset Analyses in Heart, Lung, and Blood Diseases and Sleep Disorder; G. Vogler, SRO	NIH
2013/06/17	Special Emphasis Panel/Scientific Review Group 2013/08 ZRG1 PSE-Q (56) R, Secondary Dataset Analyses in Heart, Lung, and Blood Diseases and Sleep Disorders; J. Krushkal, SRO; Chevy Chase, MD	NIH
2013/11/04	Special Emphasis Panel/Scientific Review Group ZEY1 VSN 03, NEI Bioinformatics, Genetics and Genetic Epidemiology Grant Applications; A.E. Schaffner, SRO; Rockville, MD	NIH
2014/02/04	Special Emphasis Panel/Scientific Review Group Cardiovascular and Sleep Epidemiology Study Section (CASE); J. Krushkal, SRO; Long Beach, CA	NIH
2014/12/05	Special Emphasis Panel/Scientific Review Group ZEY1 VSN (04) NEI Retinal Disease Epi/Genetic Grant Applications, A.E. Schaffner, SRO; phone review	NIH
2015/02/09-10	Special Emphasis Panel/Scientific Review Group ZRG1 PSE-R (90) Cancer, Cardiovascular and Sleep Epidemiology Panel B, E.K. Schwartz, SRO; San Francisco, CA	NIH
2015/06/18-19	Special Emphasis Panel/Scientific Review Group 2015/10 ZRG1 PSE-U (90) S Cancer, Cardiovascular and Sleep Epidemiology Panel B, E.K. Schwartz, SRO; Bethesda, MD	NIH
2015/10/19-20	Special Emphasis Panel/Scientific Review Group 2016/01 ZRG1 PSE-U (90) Cancer, Cardiovascular	NIH

	and Sleep Epidemiology Panel B, E.K. Schwartz, SRO; Washington, DC	
2016/02/24-25	Special Emphasis Panel/Scientific Review Group 2016/06 Cancer, Heart and Sleep Epidemiology Panel B, E.K. Schwartz, SRO; San Francisco, CA	NIH
2016/06/16-17	Special Emphasis Panel/Scientific Review Group 2016/10 Cancer, Heart and Sleep Epidemiology Panel B (CHSB), E.K. Schwartz, SRO; Washington, DC	NIH
2017/02/21-22	Special Emphasis Panel/Scientific Review Group 2017/05 Cancer, Heart and Sleep Epidemiology Panel B, E.K. Schwartz, SRO; San Francisco, CA	NIH
2017/06/26-27	Special Emphasis Panel/Scientific Review Group 2017/10 Cancer, Heart and Sleep Epidemiology Panel B, E.K. Schwartz, SRO; Washington, DC	NIH
2018/01	Mail-in review	Canada Research Chairs, Canada
2018/02/22-23	Special Emphasis Panel/Scientific Review Group 2018/05 Cancer, Heart and Sleep Epidemiology Panel B and 2018/05 ZRG1 PSE-V (80) S, G.Y. Dinwiddie, SRO; Washington, DC	NIH
2018/06/26-27	Special Emphasis Panel/Scientific Review Group 2018/10 Cancer, Heart and Sleep Epidemiology Panel B G.Y. Dinwiddie, SRO; Santa Monica, CA	NIH
2019/02/25-26	Special Emphasis Panel/Scientific Review Group 2019/05 Cancer, Heart and Sleep Epidemiology Panel B G.Y. Dinwiddie, SRO; Santa Monica, CA	NIH
2019/06/27-28	Special Emphasis Panel/Scientific Review Group 2019/10 Cancer, Heart and Sleep Epidemiology Panel B G.Y. Dinwiddie, SRO; Tyson’s Corner, VA	NIH
2020/02/13-14	Special Emphasis Panel/Scientific Review Group 2019/05 Cancer, Heart and Sleep Epidemiology Panel B H.B. Friedman, SRO; Washington, DC	NIH
2020/06/22-23	Special Emphasis Panel/Scientific Review Group 2020/10 Cancer, Heart and Sleep Epidemiology Panel B G. Dumitrescu, SRO; virtual meeting	NIH
2020/06/12 (completion date)	Intramural Peer Review Award Panel for Peer Reviewed Medical Research Program (PRMRP); mail-in review of pre-applications	US Government
2021/02/18-19	Special Emphasis Panel/Scientific Review Group 2021/05 Cancer, Heart and Sleep Epidemiology Panel B G. Dumitrescu, SRO; virtual meeting	NIH
2021/06/24-25	Special Emphasis Panel/Scientific Review Group 2021/05 Cancer, Heart and Sleep Epidemiology Panel B G. Dumitrescu, SRO; virtual meeting	NIH

2021/12/8 (completion date)	NIH Director’s Early Independence Award (DP5) Review; mail-in review	NIH
2022/02/16-17	Special Emphasis Panel/Scientific Review Group 2021/05 Cancer, Heart and Sleep Epidemiology Panel B G. Dumitrescu, SRO; virtual meeting	NIH
2024/06/03	Special Emphasis Panel/Scientific Review Group 2024/10 ZHL1 PPG-N (O1) 1 G Integrating advanced sensing, omics, and machine learning to mitigate cardiometabolic disorders for Mexican American Communities (iMITIGATE). Naqvi N, SRO; virtual meeting	NIH

Review –Grants (Regional, Local):

Date(s)	Review Committee and Location	Funding Agency
2004/09/07	Southwest Foundation for Biomedical Research Forum Grants Review Committee; San Antonio, TX	Southwest Foundation Forum
2006/09/14	Chair, Southwest Foundation for Biomedical Research Forum Grants Review Committee; San Antonio, TX	Southwest Foundation Forum
2007/03/23	Southwest Foundation Forum Science Education Awards Review Panel; San Antonio, TX	Southwest Foundation Forum
2007/06	Southwest National Primate Research Center Pilot Study Grant Review Committee; San Antonio, TX	Southwest National Primate Research Center
2008/09/22	Voelcker Foundation and Southwest Foundation Forum grant review panel; San Antonio, TX	Voelcker Foundation and Southwest Foundation Forum
2009/09/21	Voelcker Foundation grant review panel; San Antonio, TX	Voelcker Foundation
2010/11/16	Cowles Felloship review committee; San Antonio, TX	Cowles Trust
2019/05/09 (completion date)	2019 ConTex Collaborative Research Grants Competition (mail-in review)	ConTex, University of Texas System
2020/02/18 (completion date)	Pilot Studies Program (mail-in review)	Rio Grande Valley Alzheimer's Disease Resource Center for Minority Aging Research
2021/03/16 (completion date)	Pilot Studies Program (mail-in review)	Rio Grande Valley Alzheimer's Disease Resource Center for Minority Aging Research

Review – Manuscripts: (for the following scientific journals)

American Journal of Human Genetics
American Journal of Medical Genetics. Part B: Neuropsychiatric Genetics
Annals of Human Genetics
Arthritis Research and Therapy
Atherosclerosis
Biochemical Genetics
Bioinformatics
Biological Psychiatry
BioTechniques
BioMed Central (BMC) Genetics
BioMed Central (BMC) Medical Genetics
BioMed Central (BMC) Systems Biology
BioMed Central (BMC) Proceedings
Circulation
Diabetologia
European Journal of Human Genetics
European Respiratory Journal
Frontiers
Genes
Genetic Epidemiology
Genome Medicine
Genomics
Human Biology
Human Genetics
Human Heredity
Human Molecular Genetics
Human Mutation
International Journal of Obesity
Journal of Clinical Infectious Diseases
Journal of Clinical Investigation
Journal of Investigative Medicine
Journal of the American Medical Association (JAMA)
Journal of Physiology
Molecular Neurospychiatry
Nature Communications
Nature Genetics
Physiological Genomics
PLoS (Public Library of Science) Biology
PLoS (Public Library of Science) Genetics
PLoS (Public Library of Science) ONE
Proceedings of the National Academy of Sciences (PNAS)
Statistical Applications in Genetics and Molecular Biology
Statistics in Medicine
Trends in Genetics
Science

Teaching

Teaching – Courses:
(as instructor/co-instructor)

Date(s)	Course and Location
1995/07/10–14	Introductory Linkage Course, Columbia University, NY
1995/10/02–06	Advanced Linkage Course, Universität Zürich, Switzerland
1996/03/19	Workshop as part of genetics course for medical students, Columbia University, NY
1997/03/24	Workshop as part of genetics course for medical students, Columbia University, NY
1998/03/23	Workshop as part of genetics course for medical students, Columbia University, NY
1998/03/24	Workshop as part of genetics course for medical students, Columbia University, NY
1996/06/10–14	Introductory Linkage Course, Columbia University, NY
1998/06/15–19	Introductory Linkage Course, Rockefeller University, NY
1998/06/20–24	Introductory Linkage Course, Rockefeller University, NY
2002/08/26–30	Statistics in Genetics, Uppsala Universitet, Uppsala, Sweden
2004/01/31–02/01	New Approaches for the Discovery and Analysis of Genes Underlying Complex Diseases, Seoul National University, Seoul, South Korea
2004/11/18–20	Anthropological and Primate Genetics, American Association of Anthropological Genetics, Southwest Foundation of Biomedical Research, San Antonio, TX
2005/03/14–18	Genetic Epidemiology Workshop, Belo Horizonte, Brazil
2005/04/06–10	Study Design and Data analysis for Genetic Studies, Genetics of Common Hereditary Disorders in Venezuela, Universidad del Zulia, Maracaibo, Venezuela
2005/12/08–10	Anthropological and Primate Genetics, American Association of Anthropological Genetics, Southwest Foundation of Biomedical Research, San Antonio, TX
2006/07/04–07	Course on statistical genetics, Universidade do Porto, Porto, Portugal
2006/08/14–18	Logical Reasoning in Human Genetics and Genetic Epidemiology, University of Helsinki and National Public Health Institute (of Finland), Helsinki, Finland
2007/05/08–09	QTL mapping with SOLAR, CSC (Finnish IT Center for Science), Espoo, Finland
2007/06/24–27	3rd course on Statistical Genetic Analysis of Complex Phenotypes, European School of Genetic Medicine, Bertinoro, Italy
2007/08/16–18	Anthropological and Primate Genetics, American Association of Anthropological Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX
2008/05/21–24	4th course on Statistical Genetic Analysis of Complex Phenotypes, European School of Genetic Medicine, Bertinoro, Italy

2009/06/22–25	5th course on Statistical Genetic Analysis of Complex Phenotypes, European School of Genetic Medicine, Bologna, Italy
2009/08/17–20	2nd Wellcome Trust School of Human Genomics, Hinxton, UK
2010/06/21–24	6th course on Statistical Genetic Analysis of Complex Phenotypes, European School of Genetic Medicine, Bologna, Italy
2011/05/09–12	SOLAR Course, Wake Forest University, Winston-Salem, NC
2021/01/07–2022/04/07	Logical Reasoning in Human Genetics, online course organized by Columbia (University's) Global Centers – Tunis in Tunisia, with monthly online lectures to participants mostly from North Africa and the Middle East
2022/11/02–present	Logical Reasoning in Human Genetics, online course organized by Columbia (University's) Global Centers – Tunis in Tunisia, with monthly online lectures to participants mostly from North Africa and the Middle East
2022/08/29–2022/12/14	HGEN8310: Genetic Epidemiology and Statistical Genetics (3 credits); lead instructor on semester-long mandatory course for students in Human Genetics Ph.D. program at the School of Medicine at the University of Texas Rio Grande Valley, Brownsville, TX
2024/01/17–2024/05/06	HGEN8310: Genetic Epidemiology and Statistical Genetics (3 credits); lead instructor on semester-long mandatory course for students in Human Genetics Ph.D. program at the School of Medicine at the University of Texas Rio Grande Valley, Brownsville, TX

Teaching – Lectures:
(in established university courses)

Date(s)	Course and Location	Title
1999/10/21	Clinical Genetics, Techniques and Applications, Oulun Yliopisto (University of Oulu), Oulu, Finland	Introduction to linkage analysis
2005/11/15	Methodology in Molecular Medicine, Uppsala University, Uppsala, Sweden	Statistics in genetics
2017/08/22	Module Molecules to Medicine in first year medical student curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	Population genetics
2018/08/21	Module Molecules to Medicine in first year medical student curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	Population genetics
2019/08/29	Module Molecules to Medicine in first year medical student	Population genetics

	curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	
2020/08/14	Module Molecules to Medicine in first year medical student curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	Population genetics
2020/08/17	Module Molecules to Medicine in first year medical student curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	Principals of gene mapping
2021/08/12	Module Molecules to Medicine in first year medical student curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	Population genetics
2021/08/13	Module Molecules to Medicine in first year medical student curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	Principals of gene mapping
2022/08/25	Module Molecules to Medicine in first year medical student curriculum at University of Texas Rio Grande Valley School of Medicine, Edinburg, TX	Population genetics (and a bit of gene mapping)
2023/02/06+08	HGEN8215: Current Topics in Human Genetics (3 credits), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	Gut microbiome and diabetes (discussion of 2 papers on this topic)
2023/02/07+09	HGEN8305: Genetic Basis of Human Disease (3 credits), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	Targeted vs. untargeted approaches for studying complex diseases; and: “Simple” genetic diseases are not all that simple (including not all that simple genetically)
2023/02/07	HGEN8101: Student Seminar (1 credit), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	Overview of my research program and dissertation opportunities
2023/08/23	Module Molecules to Medicine in first year medical student curriculum at University of Texas	Population genetics (and a bit of gene mapping)

	Rio Grande Valley School of Medicine, Edinburg, TX	
2023/10/4 + 11 + 18 + 24 + 11/1	HGEN8395: Directed Research (3 credits), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	Analytical methods development
2023/11/14	HGEN8355: Advanced Topics in Omics Research (3 credits), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	(Human) microbiome
2023/11/16	HGEN8380: Advanced Topics in Neurogenetics (3 credits), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	Schizophrenia (genetics)
2024/02/06+08	HGEN8305: Genetic Basis of Human Disease (3 credits), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	Targeted vs. untargeted approaches for studying complex diseases; and Trait complexity
2024/02/05+07	HGEN8215: Current Topics in Human Genetics (3 credits), PhD level course, University of Texas Rio Grande Valley School of Medicine, Brownsville, TX	Gut microbiome (discussion of 2 papers on this topic)

Workshops

(invited workshops only)

Date(s)	Workshop and Location
2002/05/15–17	Genomic Research in the African Diaspora (GRAD) Workshop I, National Human Genome Center, Howard University, Queenstown, MD
2003/01/12–14	2nd US-Korean Workshop on Psychiatric Genetics, Pittsburgh, PA
2004/08/29–30	Collaborative Research Network on Genetics of Mental Disorders in Latin America, Lima, Peru
2004/11/15	Gene-Environment Interactions and Epigenesis in Mental Disorders, National Institutes of Mental Health, Rockville, MD
2006/06/01–02	Workshop on Advances in Collecting and Utilizing Biological Indicators and Genetic Information in Social Science Surveys, National Academy of Sciences, Washington, D.C. (presentation entitled Thoughts on the usefulness of collecting genetic data in social science surveys)
2008/06/02–03	Genotype-Tissue Expression (GTEx) Resource Workshop I, National Institutes of Health, Rockville, MD

Publications

Publications – Articles:

1. Campbell G, **Göring H**, Lin T, Spana E, Andersson S, Doe CQ, Tomlinson A (1994) RK2, a glial-specific homeodomain protein required for embryonic nerve cord condensation and viability in Drosophila. Development 120:2957–2966
2. **Göring HHH**, Ott J (1997) Relationship estimation in affected sib pair analysis of late-onset diseases. Eur J Hum Genet 5:69–77
3. Gieser L, Fujita R, **Göring HHH**, Ott J, Hoffman DR, Cideciyan AV, Birch DG, Jacobson SG, Swaroop A (1998) A novel locus (RP24) for X-linked retinitis pigmentosa maps to Xq26–27. Am J Hum Genet 63:1439–1447
4. Annunen S, Paassilta P, Lohiniva J, Perälä M, Pihlajamaa T, Karppinen J, Tervonen 0, Kröger H, Lähde S, Vanharanta H, Ryhänen L, **Göring HHH**, Ott J, Prockop DJ, Ala-Kokko L (1999) An allele of COL9A2 associated with intervertebral disc disease. Science 285:409–412
5. Le Saux O, Urban Z, **Göring HHH**, Csiszar K, Pope FM, Richards A, Pasquali-Ronchetti I, Terry S, Bercovitch L, Lebwohl MG, Breuning M, van den Berg P, Kornet L, Ott J, de Jong PTVM, Bergen AAB and Boyd CD (1999) Pseudoxanthoma elasticum maps to an 820-kb region of the p13.1 region of chromosome 16. Genomics 62:1–10
6. **Göring HHH**, Terwilliger JD (2000) Linkage analysis in the presence of errors I: Complex-valued recombination fractions and complex phenotypes. Am J Hum Genet 66:1095–1106 [erratum in (2000) Am J Hum Genet 66:1472]
7. **Göring HHH**, Terwilliger JD (2000) Linkage analysis in the presence of errors II: Marker-locus genotyping errors modeled with hypercomplex recombination fractions. Am J Hum Genet 66:1107–1118 [erratum in (2000) Am J Hum Genet 66:1472]
8. **Göring HHH**, Terwilliger JD (2000) Linkage analysis in the presence of errors III: Marker loci and their map as nuisance parameters. Am J Hum Genet 66:1298–1309
9. **Göring HHH**, Terwilliger JD (2000) Linkage analysis in the presence of errors IV: Joint pseudomarker analysis of linkage and/or linkage disequilibrium on a mixture of pedigrees and singletons when the mode of inheritance cannot be accurately specified. Am J Hum Genet:1310–1327
10. Terwilliger JD, **Göring HHH** (2000) A review of gene mapping in the 20th and 21st centuries: Statistical methods, data analysis, and experimental design. Human Biology 72:63–132
11. Dyer TD, Blangero J, Williams JT, **Göring HHH**, Mahaney MC (2001) The effect of pedigree complexity on quantitative trait linkage analysis. Genet Epidemiol 21 (Suppl 1):S236–S243

12. **Göring HHH**, Terwilliger JD, Blangero J (2001) Large upward bias in estimation of locus-specific effects from genome-wide scans. Am J Hum Genet 69:1357–1369
13. **Göring HHH**, Williams JT, Blangero J (2001) Linkage analysis of quantitative traits in randomly ascertained pedigrees: Comparison of penetrance-based and variance component analysis. Genet Epidemiol 21 (Suppl 1):S783–S788
14. Hsueh W-C, **Göring HHH**, Blangero J, Mitchell BD (2001) Replication of linkage to quantitative trait loci: Variation in location and magnitude of the LOD score. Genet Epidemiol 21 (Suppl 1):S473–S478
15. Le Saux O, Beck K, Sachsinger C, Silvestri C, Treiber C, **Göring HHH**, Johnson EW, De Paepe A, Pope FM, Pasquali-Ronchetti I, Bercovitch L, Terry S, Boyd CD (2001) A spectrum of *ABCC6* mutations is responsible for pseudoxanthoma elasticum. Am J Hum Genet 69:749–764
16. Paassilta P, Lohiniva J, **Göring HHH**, Perälä M, Räinä SS, Karppinen J, Hakala M, Palm T, Kröger H, Kaitila I, Vanharanta H, Ott J, Ala-Kokko L (2001) First common genetic risk factor for lumbar disk disease. JAMA 285:1843–1849
17. Williams JT, **Göring HHH** (2001) Introduction: Extensions to variance components methods. Genet Epidemiol 21 (Suppl 1):S766–767
18. Williams JT, North KE, Martin LJ, Comuzzie AG, **Göring HHH**, Blangero J (2001) Distribution of lod scores in oligogenic linkage analysis. Genet Epidemiol 21 (Suppl 1):S805–S810
19. Bissler JJ, Tsoras M, **Göring HHH**, Hug P, Chuck G, Tombragel E, McGraw C, Schlotman J, Ralston MA, Hug G (2002) Infantile dilated X-linked cardiomyopathy, G4.5 mutations, altered lipids and ultrastructural malformations of mitochondria in heart, liver and skeletal muscle. Lab Invest 82:335–344
20. Hunt K, Duggirala R, **Göring HHH**, Williams JT, Almasy L, Mitchell BD, Blangero J, O'Leary DH, Stern MP (2002) Genetic basis of variation in carotid artery plaque: The San Antonio Family Heart Study (SAFHS). Stroke 33:2775–2780
21. Le Saux O, Beck K, Sachsinger C, Treiber C, **Göring HHH**, Curry K, Johnson EW, Bercovitch L, Marais A-S, Terry SF, Viljoen DL, Boyd CD (2002) Evidence for a founder effect in the Afrikaner population of South Africa with pseudoxanthoma elasticum. Hum Genet 111:331–338
22. Terwilliger JD, **Göring HHH**, Magnusson PKE, Lee JH (2002) Study design for genetic epidemiology and gene mapping: The Korean Diaspora Project. Shengming Kexue Yanjiu (Life Science Research) 6:95–115
23. Terwilliger JD, Haghighi F, Hiekkalinna TS, **Göring HHH** (2002) A *bias*-ed assessment of the use of SNPs in human complex traits. Curr Opin Gen Dev 12:726–734
24. **Göring HHH**, Williams JT, Dyer TD, Blangero D (2003) On different approximations to multi-locus identity-by-descent calculations and the resulting power of variance component-based linkage analysis. BMC Genetics 4 (Suppl

1):S72

25. Karppinen J, Pääkkö E, Paassilta P, Lohiniva J, Kurunlahti M, Tervonen O, Nieminen P, **Göring HHH**, Malmivaara A, Vanharanta H, Ala-Kokko L (2003) The radiological phenotypes in lumbar MRI for a gene defect in the COL9A3 gene of collagen IX. Radiology 227:143–148
26. Fitzpatrick E, **Göring HHH**, Liu H, Borg A, Forrest S, Cooper DW, Brennecke SP, Moses EK (2004) Fine mapping and SNP analysis of positional candidates at the pre-eclampsia susceptibility locus, PREG1, on chromosome 2. Hum Biol 76:849–862
27. Samollow PB, Perez G, Kammerer CM, Finegold D, Zwartjes PW, Havill LM, Comuzzie AG, Mahaney MC, **Göring HH**, Blangero J, Foley TP, Barmada MM (2004) Genetic and environmental influences on thyroid hormone variation in Mexican Americans. J Clin Endocrinol Metab 89:3276–3284
28. Winchester R, Pitt J, Charurat M, Magder LS, **Göring HHH**, Landay A, Read JS, Shearer W, Handelsman E, Luzuriaga K, Hillyer, GV, Blattner W (2004) Mother-to-child transmission of HIV-1: Strong association with certain maternal HLA-B alleles independent of viral load implicates innate immune mechanisms. J Acquir Immune Defic Syndr 36:659–670
29. Blangero J, **Göring HHH**, Kent Jr JW, Williams JT, Peterson CP, Almasy L, Dyer TD (2005) Quantitative trait nucleotide analysis using Bayesian model selection. Hum Biol 77:541–559
30. Hunt KJ, Lehman DM, Arya R, Fowler S, Leach RJ, **Göring HHH**, Almasy L, Blangero J, Dyer TD, Duggirala R, Stern MP (2005) Genome-wide linkage analyses of type 2 diabetes in Mexican Americans: The San Antonio Family Diabetes/Gallbladder Study. Diabetes 54:2655–2662
31. Jakkula E, Melkoniemi M, Kiviranta I, Lohiniva J, Räinä SS, Perälä M, Warman, ML, Ahonen K, Kröger H, **Göring HHH**, Ala-Kokko L (2005) The role of sequence variations within the genes encoding collagen II, IX and XI in non-syndromic, early-onset osteoarthritis. Osteoarthritis Cartilage 13:497–507
32. Lehman DM, Fu D-J, Freeman AB, Hunt KJ, Leach RJ, Johnson-Pais T, Hamlington J, Dyer TD, Arya R, Abboud H, **Göring HHH**, Duggirala R, Blangero J, Konrad RJ, and Stern MP (2005) A single nucleotide polymorphism in MGEA5 encoding O-GlcNAc-selective N-acetyl-β-D glucosaminidase is associated with type 2 diabetes in Mexican Americans. Diabetes 54:1214–1221
33. North KE, Almasy L, **Göring HHH**, Cole S, Diego VP, Laston S, Cantu T, Williams JT, Howard BV, Lee ET, Best LG, Fabsitz RR, Williams K, MacCluer JW (2005) Linkage analysis of factors underlying insulin resistance: The Strong Heart Family Study. Obes Res13:1877–1884
34. Sigurdsson S, Nordmark G, **Göring HHH**, Lindroos K, Wiman A-C, Sturfelt G, Jönsen A, Rantapää-Dahlqvist S, Möller B, Kere J, Koskenmies S, Widén E, Eloranta M-L, Julkunen H, Kristjansdottir H, Steinsson K, Alm G, Rönnblom L, Syvänen AC (2005) Polymorphisms in the tyrosine kinase 2 and interferon

regulatory factor 5 genes are associated with systemic lupus erythematosus. Am J Hum Genet 76:528–537

35. Arya R, Demerath E, Jenkinson CP, **Göring HHH**,, Puppala S, Farook V, Fowler S, Schneider J, Granato R, Resendez RG, Dyer TD, Cole SA, Almasy L, Comuzzie AG, Siervogel RM, Bradshaw B, DeFronzo RA, MacCluer J, Stern MP, Towne B, Blangero J, Duggirala R (2006) A quantitative trait locus (QTL) on chromosome 6q influences birth weight in two independent family studies. Hum Mol Genet 15:1569–1579

36. Cai G, Cole SA, Butte N, Bacino C, Diego V, Tan K, **Göring HH**, O'Rahilly S, Farooqi IS, Comuzzie AG (2006) A quantitative trait locus on chromosome 18q for physical activity and dietary intake in Hispanic children. Obesity 14:1596–1604

37. Diego VP, **Göring HHH**, Cole SA, Almasy L, Dyer TD, Blangero J, Duggirala R, Laston S, Wenger C, Cantu T, Dyke B, North K, Schurr T, Best LG, Devereux RB, Fabsitz RR, Howard BV, MacCluer JW (2006) Fasting insulin and obesity-related phenotypes are linked to chromosome 2p. Diabetes 55:1874–1878

38. Franceschini N, MacCluer JW, **Göring HHH**, Cole SA, Rose KM, Almasy L, Diego V, Laston S, Lee ET, Howard BV, Best LG, Fabsitz RR, Roman MJ, North KE (2006) A quantitative trait loci-specific gene-by-sex interaction on systolic blood pressure among American Indians: The Strong Heart Family Study. Hypertension 48:266–270

39. Lehman DM, Hamlington J, Hunt KJ, Leach RJ, Arya R, Abboud H, Duggirala R, Blangero J, **Göring HHH**, Stern MP (2006) A novel missense mutation in ADRB3 increases risk for type 2 diabetes in a Mexican American family. Diabetes Metab Res Rev 22:331–336

40. North KE, **Göring HHH**, Cole S, Diego VP, Almasy L, Laston S, Cantu T, Howard BV, Lee ET, Best LG, Fabsitz R, MacCluer JW (2006) Linkage analysis of LDL cholesterol in American Indian populations: The Strong Heart Family Study. J Lipid Res 47:59–66

41. Almasy L, **Göring HHH**, Diego V, Cole SA, Laston S, Dyke B, Howard BV, Lee ET, Best LG, Devereux R, Fabsitz RR, MacCluer JW (2007) A novel obesity locus on chromosome 4q: The Strong Heart Study. Obesity 15:1741–1748

42. Curran JE, Johnson MP, Dyer TD, **Göring HHH**, Kent JW, Charlesworth JC, Borg AJ, Jowett JB, Cole SA, Maccluer JW, Kissebah AH, Moses EK, Blangero J (2007) Genetic determinants of mitochondrial content. Hum Mol Genet 16:1504–1514

43. Francheschini N, Wojczynski MK, **Göring HHH**, Peralta JM, Dyer TD, Li X, Li H, North KE (2007) Comparison of strategies for identification of regulatory quantitative trait loci of transcript expression profiles. BMC Proc 1 (Suppl 1):S85

44. **Göring HHH**, Curran JE, Johnson MP, Dyer TD, Charlesworth J, Cole SA, Jowett JBM, Abraham LJ, Rainwater DL, Comuzzie AG, Mahaney MC, Almasy L, MacCluer JW, Kissebah AH, Collier GR, Moses EK, Blangero J (2007) Discovery

of expression QTLs using large-scale transcriptional profiling in human lymphocytes. Nat Genet 39:1208–1216

45. Kent JW Jr, Dyer TD, **Göring HHH**, Blangero J (2007) Type I error rates in association versus linkage/association tests in related individuals. Genet Epidemiol 31:173–177

46. Kent JW Jr, Mahaney MC, Comuzzie AG, **Göring HHH**, Almasy L, Dyer TD, Cole SA, MacCluer JW, Blangero J (2007) Quantitative trait locus on chromosome 19 for circulating levels of intercellular adhesion molecule-1 in Mexican Americans. Atherosclerosis 195:367–373

47. Lehman DM, Hunt KJ, Leach RJ, Hamlington J, Arya R, Abboud HE, Duggirala R, Blangero J, **Göring HHH**, Stern MP (2007) Haplotypes of transcription factor 7-like 2 (TCF7L2) gene and its upstream region are associated with type 2 diabetes and its age of onset in Mexican Americans. Diabetes 56:389–393

48. Pujar S, Kothapalli KSD, **Göring HHH**, Meyers-Wallen VN (2007) Linkage to CFA29 detected in a genome wide linkage screen of a canine pedigree segregating *Sry*-negative XX sex reversal. J Hered 98:438–444

49. Rutherford S, Cai G, Lopez-Alvarenga JC, Kent Jr JW, Voruganti VS, Proffitt M, Curran JE, Johnson MP, Jowett JB, Bastarrachea RA, Atwood L, **Göring HHH**, MacCluer JW, Moses EK, Blangero J, Comuzzie AG, Cole SA (2007) A chromosome 11q QTL influences change of blood pressure measures over time in Mexican Americans of the San Antonio Family Heart Study. Am J Hum Genet 81:744–755

50. Tejero ME, Cai G, **Göring HHH**, Diego V, Cole SA, Bacino CA, Butte NF, Comuzzie AG (2007) Linkage analysis of circulating levels of adiponectin in Hispanic children. Int J Obes 31:535–542

51. Voruganti VS, **Göring HHH**, Diego V, Cai G, Mehta N, Cole SA, Butte NF, Comuzzie AG (2007) Genome wide scan for plasma ghrelin detects linkage on chromosome 1p36 in Hispanic children: Results from the Viva La Familia Study. Pediatr Res 62:445–450

52. Best LG, North KE, Li X, Palmieri V, Umans JG, MacCluer J, Laston S, Haack K, **Goring H**, Diego VP, Almasy L, Lee ET, Tracy RP, Cole S (2008) Linkage study of fibrinogen levels: The Strong Heart Family Study. BMC Med Genet 9:77

53. Franceschini N, Almasy L, MacCluer JW, **Göring HHH**, Cole SA, Diego VP, Laston S, Howard BV, Lee ET, Best LG, Fabsitz RR, North KE (2008) Diabetes-specific genetic effects on obesity traits in American Indian populations: The Strong Heart Family Study. BMC Med Genet 9:90

54. Franceschini N, MacCluer, JW, Rose KM, Rutherford S, Cole SA, Laston S, **Göring HHH**, Diego VP, Roman, MJ, Lee ET, Best LG, Howard BV, Fabsitz RR, North KE (2008) Genome-wide linkage analysis of pulse pressure in American Indians: The Strong Heart Study. Am J Hypertens 21:194–199

55. Mottl AK, Vupputuri S, Cole SA, Almasy L**, Göring HHH**, Diego VP, Laston S, Franceschini N, Shara NM, Lee ET, Best LG, Fabsitz RR, MacCluer JW, Umans

JG, North KE (2008) Linkage analysis of glomerular filtration rate in American Indians. Kidney Int 74:1185–1191

56. Pulli K, Karma K, Norio R, Sistonen P, **Göring HHH**, Järvelä I (2008) Genome-wide linkage scan for loci of musical aptitude in Finnish families: Evidence for a major locus at 4q22. J Med Genet 45:451–456

57. Seabra AF, Mendonça DM, **Göring HHH**, Thomis MA, Maia JA (2008) Genetic and environmental factors in familial clustering in physical activity. Eur J Epidemiol 23:205–211

58. Sigurdsson S, **Göring HHH**, Kristjansdottir G, Milani L, Nordmark G, Sandling JK, Eloranta M-L, Feng D, Sangster-Guity N, Gunnarsson I, Svenungsson E, Sturfelt G, Jönsen A, Truedsson L, Barnes BJ, Alm G, Rönnblom L, Syvänen A-C (2008) Comprehensive evaluation of the genetic variation of interferon regulatory factor 5 (IRF5) reveals a novel 5 bp length polymorphism as strong risk factor for systemic lupus erythematosus. Hum Mol Genet 17:872–881

59. Sigurdsson S, Nordmark G, Garnier S, Grundberg E, Kwan T, Nilsson O, Eloranta M-J, Gunnarsson I, Svenungsson E, Sturfelt G, Bengtsson AA, Jönsen A, Truedsson L, Rantapää-Dahlqvist S, Eriksson C, Alm G, **Göring HHH**, Pastinen T, Syvänen A-C, Rönnblom L (2008) A risk haplotype of STAT4 for systemic lupus erythematosus is over-expressed, correlates with anti-dsDNA and shows additive effects with two risk alleles of IRF5. Hum Mol Genet 17:2868–2876

60. Tejero ME, Voruganti VS, Proffitt JM, Curran JE, **Göring HHH**, Johnson MP, Dyer TD, Jowett JB, Collier GR, Moses EK, MacCluer JW, Mahaney MC, Blangero J, Comuzzie AG, Cole SA (2008) Cross-species replication of a resistin mRNA QTL, but not QTLs for circulating levels of resistin, in human and baboon. Heredity 101:60–66

61. Charlesworth JC, Peralta JM, Drigalenko E, **Göring HHH**, Almasy L, Dyer TD, Blangero J (2009) Towards the identification of causal genes in complex diseases: A gene-centric joint test of significance combining genomic and transcriptomic data. BMC Proc 3 Suppl 7:S92

62. Franceschini N, Rose KM, Storti KL, Rutherford S, Voruganti VS, Laston S, **Göring HHH**, Dyer TD, Umans JG, Lee ET, Best LG, Fabsitz RR, Cole SA, MacCluer JW, North KE (2009) Social- and behavioral-specific genetic effects on blood pressure traits: The Strong Heart Family Study. Circ Cardiovasc Genet 2:396–401

63. Friedman JS, Ray JW, Waseem N, Johnson K, Brooks MJ, Hugosson T, Breuer D, Branham KE, Krauth DS, Bowne SJ, Sullivan LS, Ponjavic V, Gränse L, Khanna R, Trager EH, Gieser LM, Hughbanks-Wheaton D, Cojocaru RI, Ghiasvand NM, Chakarova CF, Abrahamson M, **Göring HHH**, Webster AR, Birch DG, Abecasis GR, Fann Y, Bhattacharya SS, Daiger SP, Heckenlively JR, Andréasson S, Swaroop A (2009) Mutations in a BTB-Kelch protein, KLHL7, cause autosomal-dominant retinitis pigmentosa. Am J Hum Genet 84:792–800

64. Ge B, Pokholok DK, Kwan T, Grundberg E, Morcos L, Verlaan DJ, Le J, Koka V,

Lam KCL, Gagné V, Dias J, Hoberman R, Montpetit A, Joly MM, Harvey EJ, Sinnett D, Beaulieu P, Hamon R, Graziani A, Dewar K, Harmsen E, Majewski J, **Göring HHH**, Naumova AK, Blanchette M, Gunderson KL, Pastinen T (2009) Global patterns of cis-variation in human cells revealed by high-density allelic expression analysis. Nat Genet 41:1216–1222

65. Li X, Monda KL, **Göring H**HH, Haack K, Cole SA, Diego VP, Almasy L, Laston S, Howard BV, Shara NM, Lee ET, Best LG, Fabsitz RR, MacCluer JW, North KE (2009) Genome-wide linkage scan for plasma high density lipoprotein cholesterol, apolipoprotein A-1 and triglyceride variation among American Indian populations: the Strong Heart Family Study. J Med Genet 46:472–479
66. Mottl AK, Vupputuri S, Cole SA, Almasy L, **Göring HHH**, Diego VP, Laston S, Shara N, Lee ET, Best LG, Fabsitz RR, MacCluer JW, Umans JG, North KE (2009) Linkage analysis of albuminuria. J Am Soc Nephrol 20:1597–1606
67. Nejsum P, Roepstorff A, Jørgensen CB, Fredholm M, **Göring HHH**, Anderson TJ, Thamsborg SM. (2009) High heritability for Ascaris and Trichuris infection levels in pigs. Heredity 102:357–364
68. Terwilliger JD, **Göring HHH** (2009) Gene mapping when rare variants are common and common variants are rare. Hum Biol 81:729–733
69. Voruganti VS, **Göring HHH**, Mottl A, Franceschini N, Haack K, Laston S, Almasy L, Fabsitz RR, Lee ET, Best LG, Devereux RB, Howard BV, Maccluer JW, Comuzzie AG, Umans JG, Cole SA (2009) Genetic influence on variation in serum uric acid in American Indians: the Strong Heart Family Study. Hum Genet 126:667–676
70. Bozaoglu K, Curran, JE, Stocker, CJ, Zaibi MS, Segal D, Konstantopoulos N, Morrison S, Carless M, Dyer TD, Cole SA, **Göring HHH**, Moses EK, Walder K, Cawthorne MA, Blangero J, Jowett JB (2010) Chemerin, a novel adipokine in the regulation of angiogenesis. J Clin Endocrinol Metab 95:2476–2485
71. Charlesworth JC, Curran JE, Johnson MP, **Göring HHH**, Dyer TD, Diego VP, Kent Jr JW, Mahaney MC, Almasy L, MacCluer JW, Moses EK and Blangero J (2010) Transcriptomic epidemiology of smoking: The effect of smoking on gene expression in lymphocytes. BMC Med Genomics 3:29
72. Jowett JBM, Curran JE, Johnson MP, Carless MA, **Göring HHH**, Dyer TD, Cole SA, Comuzzie AG, MacCluer JW, Moses EK, Blangero J (2010) Genetic variation at the FTO locus influences RBL2 gene expression. Diabetes 59:726–732
73. Melton PE, Rutherford S, Voruganti V S, **Göring HHH**, Laston S, Haack K, Comuzzie AG, Dyer TD, Johnson MP, Kent Jr JW, Curran JE, Moses EK, Blangero J, Barac A, Lee ET, Best LG, Fabsitz RR, Devereux RB, Okin PM, Bella JN, Broeckel U, Howard BV, MacCluer JW, Cole SA, Almasy L (2010) Bivariate genetic association of KIAA1797 with heart rate in American Indians: the Strong Heart Family Study. Hum Mol Genet 19:3662–3671
74. Voruganti VS, Cole SA, Ebbesson SOE, **Göring HHH**, Haack K, Laston S,

Wenger CR, Tejero ME, Devereux RB, Fabsitz RR, MacCluer JW, Umans JG, Howard BV, Comuzzie AG (2010) Genetic variation in APOJ, LPL and TNFRSF10B affects plasma fatty acid distribution in Alaska Eskimos. Am J Clin Nutr 6:1574–1583

75. Carless MA, Glahn DC, Johnson MP, Curran JE, Bozaoglu K, Dyer TD, Winkler AM, Cole SA, Almasy L, MacCluer JW, Duggirala R, Moses EK, **Göring HHH**, Blangero J (2011) Impact of DISC1 variation on neuroanatomical and neurocognitive phenotypes. Mol Psychiatry 16:1096–1104
76. Hiekkalinnaa T, Schäffer AA, Lambert B, Norrgrann P, **Göring HHH**, Terwilliger JD (2011) PSEUDOMARKER: A powerful program for joint linkage and/or linkage disequilibrium analysis on mixtures of singletons and related individuals. Hum Hered 71:256–266
77. Johansson Å, Curran JE, Johnson MP, Freed KA, Fenstad MH, Bjorge L, Eide IP, Carless MA, Rainwater DL, **Göring HHH**, Austgulen R, Moses EK, Blangero J (2011) Identification of ACOX2 as a shared genetic risk factor for preeclampsia and cardiovascular disease. Eur J Hum Genet 19:796–800
78. Kent JW Jr., Farook V, **Göring HHH**, Dyer TD, Almasy L, Duggirala R, Blangero J (2011) Do rare variant genotypes predict common variant genotypes? BMC Proc 5 (Suppl. 9):S87
79. Melton PE, Haack K, **Göring HHH**, Laston S, Umans JG, Lee ET, Fabsitz R, Devereux RB, Best LG, MacCluer J, Almasy LA, Cole SA (2011) Genetic influences on serum bilirubin in American Indians: The Strong Heart Family Study. Am J Hum Biol 23:118–125
80. Rubicz R, Leach CT, Kraig E, Dhurandhar NV, Duggirala R, Blangero J, Yolken R, **Göring HHH** (2011) Genetic factors influence serological measures of common infections. Human Heredity 72:133–141
81. Rubicz R, Leach CT, Kraig E, Dhurandhar NV, Grubbs B, Blangero J, Yolken R, **Göring HHH** (2011) Seroprevalence of 13 common pathogens in a rapidly growing U.S. minority population: Mexican Americans from San Antonio, TX. BMC Research Notes 4:433
82. Voruganti VS, Diego VP, Haack K, Cole SA, Blangero J, **Göring HHH**, Laston S, Wenger CR, Ebbesson SOE, Fabsitz RR, Devereux RB, Howard BV, Umans JG, MacCluer JW, Comuzzie AG (2011) A QTL for genotype by sex interaction for anthropometric measurements in Alaskan Eskimos (GOCADAN study) on chromosome 19q12-13. Obesity 19:1840–1846
83. Almlöf JC, Lundmark P, Lundmark A, Ge B, Maouche S, **Göring HHH**, Liljedahl U, Enström C, Brocheton J, Proust C, Godefroy T, Sambrook JG, Jolley J, Crisp-Hihn A, Foad N, Lloyd-Jones H, Stephens J, Gwilliam R, Rice CM, Hengstenberg C, Samani NJ, Erdman J, Shunkert H, Pastinen T, Deloukas P, Goodall AH, Ouwehand WH, Cambien F, Syvänen A-C (2012) Powerful identification of cis-regulatory SNPs in human primary monocytes using allele-specific gene expression. PLoS One:e52260

84. Bastarrachea RB, Gallegos-Cabrales EC, Nava-González EJ, Haack K, Voruganti VS, Charlesworth J, Laviada-Molina HA, Veloz-Garza RA, Cardenas-Villarreal VM, Valdovinos-Chavez SB, Gomez-Aguilar P, Meléndez G, López-Alvarenga JC, **Göring HHH**, Cole SA, Blangero J, Comuzzie AG, Kent JW Jr. (2012) Integrating genomic analysis with the genetic basis of gene expression: Preliminary evidence for the identification of causal genes for cardiovascular and metabolic traits related to nutrition in Mexicans. Adv Nutr 3:596S–604S

85. Bella JN, **Göring HHH** (2012) Genetic epidemiology of left ventricular hypertrophy. Am J Cardiovasc Dis 2:267-278

86. Diego VP, Curran JE, Charlesworth J, Peralta JM, Voruganti VS, Cole SA, Dyer TD, Johnson MP, Moses EK, **Göring HHH**, Williams JT, Comuzzie AG, Almasy L, Blangero J, Williams-Blangero S (2012) Systems genetics of the nuclear factor-κB signal transduction network. I. Detection of several quantitative trait loci potentially relevant to the aging. Mech Ageing Dev 133:11–19

87. Glahn DC, Curran JE, Winkler AM, Carless MA, Kent JW, Charlesworth JC, Johnson MP, **Göring HHH**, Cole SA, Dyer TD, Moses EK, Olvera RL, Kochunov P, Duggirala R, Fox PT, Almasy L, Blangero J (2012) High dimensional endophenotype ranking in the search for major depression risk genes. Biol Psychiatry 71:6–14

88. **Göring HHH** (2012) Tissue specificity of genetic regulation of gene expression. Nature Genetics 44: 1077-1078 (invited commentary in News and Views)

89. Hiekkalinna T, **Göring HHH**, Lambert B, Weiss KM, Norrgrann P, Schäffer AA, Terwilliger JD (2012) On the statistical properties of family-based association tests in datasets containing both pedigrees and unrelated case-control samples. Eur J Hum Genet 20:217–223

90. Hiekkalinna T, **Göring HHH**, Terwilliger JD (2012) On the validity of the likelihood ratio test and consistency of resulting parameter estimates in joint linkage and linkage disequilibrium analysis under improperly specified parametric models. Ann Hum Genet 76:63–73

91. Johnson MP, Brennecke SP, East CE, **Göring HHH**, Kent JW Jr., Dyer TD, Said JM, Roten LT, Iversen AC, Abraham LJ, Heinonen S, Kajantie E, Kere J, Kivinen K, Pouta A, Laivuori H, Austgulen R, Blangero J, Moses EK (2012) Genome-wide association scan identifies a risk locus for preeclampsia on 2q14, near the Inhibin, beta B gene. PLoS One 7:e33666

92. Jowett J, Okada Y, Leedman P, Curran J, Johnson M, Moses E, **Göring HHH**, Mochizuki S, Blangero J, Stone L, Allen H, Mitchell C, Matthews V (2012) ADAM28 is elevated with the metabolic syndrome and is a sheddase of human tumour necrosis factor-α. Immunol Cell Biol 90:966-973

93. Kent JW Jr, **Göring HHH**, Charlesworth JC, Drigalenko E, Diego VP, Curran JE, Johnson MP, Dyer TD, Cole SA, Jowett JBM, Mahaney MC, Comuzzie AG, Almasy L, Moses EK, Blangero J, Williams-Blangero S (2012) Genotype x age interaction in human transcriptional ageing. Mech Ageing Dev 133:581-590

94. Kochunov P, Glahn DC, Hong LE, Lancaster J, Curran JE, Johnson MP, Winkler AM, Holcomb HH, Kent JW Jr., Mitchell B, Kochunov V, Olvera RL, Cole SA, Dyer TD, Moses EK, **Göring HHH**, Almasy L, Duggirala R, Blangero J (2012) *P-selectin* expression tracks cerebral atrophy in Mexican-Americans. Front Genet 3:65

95. Kulkarni H, **Göring HHH**, Diego V, Cole S, Walder KR, Collier GR, Blangero J, Carless MA (2012) Association of differential gene expression with imatinib mesylate and omacetaxine mepesuccinate toxicity in lymphoblastoid cell lines. BMC Medical Genomics 5:37

96. Quillen EE, Rainwater DL, Dyer TD, Carless MA, Curran JE, Johnson MP, **Göring HHH**, Cole SA, Rutherford S, MacCluer JW, Moses EK, Blangero J, Almasy L, Mahaney MC (2012) Novel associations of nonstructural loci with paraoxonase activity. J Lipids 2012:189681

97. Sanders AR, **Göring HHH**, Duan J, Drigalenko EI, Moy W, Freda J, He D, Shi J, MGS Collaboration, Gejman PV: Transcriptome study of differential expression in schizophrenia. Hum Mol Genet 22:5001-14

98. Skallerup P, Nejsum P, Jørgensen CB, **Göring HHH**, Karlskov-Mortensen P, Archibald AL, Fredholm M, Thamsborg SM (2012) Detection of a quantitative trait locus associated with resistance to Ascaris suum infection in pigs. Int J Parasitol 42:383-391

99. Stein JL, Medland SE, Vasquez AA, Hibar DP, Senstad RE, Winkler AM, Toro R, Appel K, Bartecek R, Bergmann O, Bernard M, Brown AA, Cannon DM, Chakravarty MM, Christoforou A, Domin M, Grimm O, Hollinshead M, Holmes AJ, Homuth G, Hottenga JJ, Langan C, Lopez LM, Hansell NK, Hwang KS, Kim S, Laje G, Lee PH, Liu X, Loth E, Lourdusamy A, Mattingsdal M, Mohnke S, Maniega SM, Nho K, Nugent AC, O'Brien C, Papmeyer M, Putz B, Ramasamy A, Rasmussen J, Rijpkema M, Risacher SL, Roddey JC, Rose EJ, Ryten M, Shen L, Sprooten E, Strengman E, Teumer A, Trabzuni D, Turner J, van Eijk K, van Erp TG, van Tol MJ, Wittfeld K, Wolf C, Woudstra S, Aleman A, Alhusaini S, Almasy L, Binder EB, Brohawn DG, Cantor RM, Carless MA, Corvin A, Czisch M, Curran JE, Davies G, de Almeida MA, Delanty N, Depondt C, Duggirala R, Dyer TD, Erk S, Fagerness J, Fox PT, Freimer NB, Gill M, **Göring HHH**, Hagler D J, Hoehn D, Holsboer F, Hoogman M, Hosten N, Jahanshad N, Johnson MP, Kasperaviciute D, Kent JW Jr, Kochunov P, Lancaster JL, Lawrie SM, Liewald DC, Mandl R, Matarin M, Mattheisen M, Meisenzahl E, Melle I, Moses EK, Muhleisen TW, Nauck M, Nothen MM, Olvera RL, Pandolfo M, Pike GB, Puls R, Reinvang I, Renteria ME, Rietschel M, Roffman J L, Royle NA, Rujescu D, Savitz J, Schnack HG, Schnell K, Seiferth N, Smith C, Steen VM, Valdes Hernandez MC, Van den Heuvel M, van der Wee NJ, Van Haren NE, Veltman JA, Volzke H, Walker R, Westlye LT, Whelan CD, Agartz I, Boomsma DI, Cavalleri G L, Dale AM, Djurovic S, Drevets WC, Hagoort P, Hall J, Heinz A, Jack CR Jr, Foroud TM, Le Hellard S, Macciardi F, Montgomery GW, Poline JB, Porteous DJ, Sisodiya SM, Starr JM, Sussmann J, Toga AW, Veltman DJ, Walter H, Weiner MW, Bis JC, Ikram MA, Smith AV, Gudnason V, Tzourio C, Vernooij MW, Launer LJ,

DeCarli C, Seshadri S, Andreassen OA, Apostolova LG, Bastin ME, Blangero J, Brunner HG, Buckner RL, Cichon S, Coppola G, de Zubicaray GI, Deary IJ, Donohoe G, de Geus EJ, Espeseth T, Fernandez G, Glahn DC, Grabe HJ, Hardy J, Hulshoff Pol HE, Jenkinson MJ, Kahn RS, McDonald C, McIntosh AM, McMahon FJ, McMahon KL, Meyer-Lindenberg A, Morris DW, Muller-Myhsok B, Nichols TE, Ophoff RA, Paus T, Pausova Z, Penninx BW, Potkin SG, Samann PG, Saykin AJ, Schumann G, Smoller JW, Wardlaw JM, Weale ME, Martin NG, Franke B, Wright MJ, Thompson PM (2012) Identification of common variants associated with human hippocampal and intracranial volumes Nat Genet 5:552–561

100. Voruganti VS, Higgins PB, Ebbesson SOE, Kennish J, **Göring HHH**, Haack K, Laston S, Drigalenko E, Wenger CR, Fabsitz RR, Devereux RB, MacCluer JW, Blangero J, Umans JG, Howard BV, Cole SA, Comuzzie AG (2012) Variants in CPT1A, FADS1 and FADS2 are associated with higher levels of estimated plasma and erythrocyte delta 5 desaturases in Alaskan Eskimos. Front Genet 3:86

101. Bella JN, Cole SA, Laston S, Almasy L, Comuzzie A, Lee ET, Best LG, Fabsitz RR, Howard BV, Maccluer JW, Roman MJ, Devereux RB, **Göring HHH** (2013). Genome-wide linkage analysis of carotid artery lumen diameter: the Strong Heart Family Study. Int J Cardiol 168, 3902-8

102. Benton MC, Lea RA., Macartney-Coxson D, Carless MA, **Göring HHH**, Bellis C, Hanna M, Eccles D, Chambers GK, Curran JE, Harper JL, Blagerno J, Griffiths LR (2013) Mapping eQTLs in the Norfolk Island genetic isolate identifies candidate genes for CVD risk traits. Am J Hum Genet 93, 1087-99

103. Blackburn A, **Göring HHH**, Dean A, Carless MA, Dyer T, Kumar S, Fowler S, Curran JE, Almasy L, Mahaney M, Comuzzie A, Duggirala R, Blangero J, Lehman DM (2013) Utilizing extended pedigree information for discovery and confirmation of copy number variable regions among Mexican Americans. Eur J Hum Genet 21:404-409

104. Blangero J, Diego VP, Dyer TD, Almeida M, Peralta J, Kent Jr JW, Williams JT, Almasy L, **Göring HHH** (2013) A kernel of truth: statistical advances in polygenic variance component models for complex human pedigrees. Adv Genet 81:1-31

105. Carless MA, Kulkarni H, Kos MZ, Charlesworth J, Peralta JM, **Göring HHH**, Curran JE, Almasy J, Dyer TD, Comuzzie AG, Mahaney MC, Blangero J (2013) Genetic effects on DNA methylation and its potential relevance for obesity in Mexican Americans. PLoS One 9:e73950

106. Farook VS, Coletta DK, Puppala S, Schneider J, Chittoor G, Hu SL, Winnier DA, Norton L, Dyer TD, Arya R, Cole SA, Carless M, **Göring HHH**, Almasy L, Mahaney MC, Comuzzie AG, Curran JE, Blangero J, Duggirala R, Lehman DM, Jenkinson CP, DeFronzo RA (2013) Linkage of type 2 diabetes on chromosome 9p24 in Mexican Americans: Additional evidence from the Veterans Administration Genetic Epidemiology Study (VAGES). Hum Hered 76:36-46

107. Franceschini N, Haack K, **Göring HHH**, Voruganti VS, Laston S, Almasy L, Lee ET, Best LG, Fabsitz RR, North KE, MacCluer JW, Meigs JB, Pankow JS, Cole SA (2013) Epidemiology and genetic determinants of progressive deterioration of glycaemia in American Indians: the Strong Heart Family Study. Diabetologia 56: 2194-2202

108. Glahn DG, Kent JW Jr, Sprooten E, Diego VP, Winkler AM, Curran JE, McKay DR, Knowles EE, Carless MA, **Göring HHH**, Dyer TD, Olvera RL, Fox PT, Almasy L, Charlesworth J, Kochunov P, Duggirala R, Blangero J (2013) Genetic basis of neurocognitive decline and reduced white-matter integrity in normal human brain aging. Proc Nat Acad Sci USA 110:19006-11

109. Kochunov P, Charlesworth, J, Winkler A, Hong LE, Nichols TE, Curran JE, Sprooten E, Jahanshad N, Thompson PM, Johnson MP, Kent Jr JW, Landman BA, Mitchell B, Cole SA, Dyer TD, Moses EK, **Göring HHH**, Almasy L, Duggirala R, Olvera, RL, Glahn DC, Blangero J (2013) Transcriptomics of cortical gray matter thickness decline during normal aging. NeuroImage 82:273-283

110. Kulkarni H, **Göring HHH**, Curran JE, Diego V, Dyer TD, Cole S, Walder KR, Collier GR, Blangero J, Carless MA (2013) Genetic basis for the increased expression of vacuolar H+ translocating ATPase genes upon imatinib treatment in human lymphoblastoid cell lines. Cancer Chemother Pharmacol 71:1095-1100

111. Lin W-Y, Dubuisson O, Rubicz R, Liu N, Allison DB, Curran JE, Comuzzie AG, Blangero J, Leach CT, **Göring HHH**, Dhurandhar NV (2013) Long-term changes in adiposity and glycemic control are associated with past adenovirus infection. Diabetes Care 36:701-707 [and Lin W-Y, Dubuisson O, Rubicz R, Liu N, Allison DB, Curran JE, Comuzzie AG, Blangero J, Leach CT, **Göring HHH**, Dhurandhar NV (2013) Response to comment on: Lin et al. Long-term changes in adiposity and glycemic control are associated with past adenovirus infection. Diabetes Care 2013;36:701-707. Diabetes Care 36:e162]

112. Melton PE, Carless M, Curran JE, Dyer TD, **Göring HHH**, Kent Jr JW, Drigalenko E, Johnson MP, MacCluer JW, Moses EK, Comuzzie AG, Mahaney MC, O'Leary DH, Blangero J, Almasy LA (2013) Genetic architecture of carotid artery intima-media thickness in Mexican Americans. Circ Cardiovasc Genet 6:211-221

113. Rubicz R, Yolken R, Drigalenko E, Carless MA, Dyer TD, Bauman L, Melton PE, Kent Jr JW, Harley JB, Duggirala R, Curran JE, Johnson MP, Cole SA, Almasy L, Moses EC, Dhurandhar NV, Kraig E, Blangero J, Leach CT, **Göring HHH** (2013) A genome-wide integrative genomic study localizes genetic factors influencing antibodies against Epstein-Barr virus nuclear antigen 1 (EBNA-1). PLoS Genetics 9:e1003147

114. Rubicz R, Zhu J, Laston S, Cole SA, Ebbesson SOE, Howard BV, MacCluer JW, Davidson M, Uman J, Comuzzie AG, **Göring HHH** (2013) Statistical genetic analysis of serological measures of common, chronic infections in Alaska Native participants in the GOCADAN study. Genet Epidemiol

7:751-7

115. Zhang Y, Kent Jr JW, Olivier M, Ali O, Broeckel U, Abdou RM, Dyer TD, Comuzzie A, Curran JE, Carless MA, Rainwater DL, **Göring HHH**, Blangero J, Kissebah AH (2013) QTL-based association analyses reveal novel genes influencing pleiotropy of metabolic syndrome (MetS). Obesity 21:2099-111

116. Zhang Y, Kent Jr JW, Olivier M, Ali O, Cerjak D, Broeckel U, Abdou RM, Dyer TD, Comuzzie A, Curran JE, Carless MA, Rainwater DL, **Göring HHH**, Blangero J, Kissebah AH (2013) A comprehensive analysis of adiponectin QTLs using SNP association, SNP cis-effects on peripheral blood gene expression and gene expression correlation identified novel metabolic syndrome (MetS) genes with potential role in carcinogenesis and systemic inflammation. BMC Medical Genomics 6:14

117. Bellis C, Kulkarni H, Mamtani M, Kent JW Jr, Wong G, Weir JM, Barlow CK, Diego V, Almeida M, Dyer TD, **Göring HHH**, Almasy L, Mahaney MC, Comuzzie AG, Williams-Blangero S, Meikle PJ, Blangero J, Curran JE (2014).Human plasma lipidome is pleiotropically associated with cardiovascular risk factors and death. Circ Cardiovasc Genet 7:854-63

118. Bozaoglu K, Attard C, Kulkarni H, Cummings N, Diego VP, Carless MA, Shields KA, Johnson MP, Kowlessur S, Dyer TD, Comuzzie AG, Almasy L, Zimmet P, Moses EK, **Göring HHH**, Curran JE, Blangero, J, Jowett JB (2014). Plasma levels of soluble Interleukin 1 Receptor Accessory Protein are Reduced in Obesity. J Clin Endocrinol Metab 99:3435-43

119. Chouinard-Decorte F, McKay DR, Reid A, Khundrakpam B, Zhao L, Karama S, Rioux P, Sprooten E, Knowles E, Kent JW Jr, Curran JE, **Göring HHH**, Dyer TD, Olvera RL, Kochunov P, Duggirala R, Fox PT, Almasy L, Blangero J, Bellec P, Evans AC, Glahn DC (2014). Heritable changes in regional cortical thickness with age. Brain Imaging Behav 8:208-16

120. Franceschini N, Tao R, Liu L, Rutherford S, Haack K, Almasy L, **Göring HHH**, Laston S, Lee ET, Best LG, Fabsitz R, Cole SA, North KE (2014) Mapping of a blood pressure QTL on chromosome 17 in American Indians of the Strong Heart Family Study. BMC Cardiovasc Disord. 14:158

121. Knowles EEM, Carless MA, de Almeida MAA, Curran JE, McKay R, Sprooten E, Dyer TD, **Göring HHH**, Olvera R, Fox P, Almasy L, Duggirala R, Kent JW Jr., Blangero J, Glahn DC (2014) Genome-wide significant localization for working and spatial memory: Identifying genes for psychosis using models of cognition. J Med Genet Part B Neurosphychiatr Genet 165B:84-95

122. Kos MZ, Glahn DC, Carless MA, Olvera R, McKay DR, Quillen EE, Gelernter J, Chen XD, Deng HW, Kent JW Jr, Dyer TD, **Göring HHH**, Curran JE, Duggirala R, Blangero J, Almasy L (2014). Novel QTL at chromosome 6p22 for alcohol consumption: Implications for the genetic liability of alcohol use disorders. Am J Med Genet B Neuropsychiatr Genet 165B:294-302

123. Kulkarni H, Meikle PJ, Mamtani M, Weir JM, Almeida M, Diego V, Peralta JM, Barlow CK, Bellis C, Dyer TD, Almasy L, Mahaney MC, Comuzzie AG,

Göring HHH, Curran JE, Blangero J (2014) Plasma lipidome is independently associated with variability in metabolic syndrome in Mexican American families. Journal of Lipid Research 55:939-46.

124. McKay DR1, Knowles EE, Winkler AA, Sprooten E, Kochunov P, Olvera RL, Curran JE, Kent JW Jr, Carless MA, **Göring HHH**, Dyer TD, Duggirala R, Almasy L, Fox PT, Blangero J, Glahn DC (2014) Influence of age, sex and genetic factors on the human brain. Brain Imaging and Behavior 8:143-52

125. Quillen EE, Voruganti VS, Chittoor G, Rubicz R, Peralta JM, Almeida MA, Kent JW Jr, Diego VP, Dyer TD, Comuzzie AG, **Göring HHH**, Duggirala R, Almasy L, Blangero J (2014) Evaluation of estimated genetic values and their application to genome-wide investigation of systolic blood pressure. BMC Proceedings 8 (Suppl. 1, Genetic Analysis Workshop 18):S66.

126. Rees E, Kirov G, Sanders A, Walters JT, Chambert KD, Shi J, Szatkiewicz J, O'Dushlaine C, Richards AL, Green EK, Jones I, Davies G, Legge SE, Moran JL, Pato C, Pato M, Genovese G, Levinson D, Duan J, Moy W, **Göring HHH**, Morris D, Cormican P, Kendler KS, O'Neill FA, Riley B, Gill M, Corvin A, Wellcome Trust Case Control ConsortiumCraddock N, Sklar P, Hultman C, Sullivan PF, Gejman PV, McCarroll SA, O'Donovan MC, Owen MJ (2014). Evidence that duplications of 22q11.2 protect against schizophrenia. Mol Psychiatry 19: 37-40

127. Rubicz R, Yolken R, Alaedini A, Drigalenko E, Charlesworth JC, Carless MA, Severance EG, Krivogorsky B, Dyer TD, Kent JW Jr, Curran JE, Johnson MP, Cole SA, Almasy L, Moses EK, Blangero J, **Göring HHH** (2014). Genome-wide genetic and transcriptomic investigation of variation in antibody response to dietary antigens. Genet Epidemiol 38: 439-46

128. Seabra AF, Mendonca DM, **Göring HHH**, Thomis MA, Maia JA (2014) Genetic influences of sports participation in Portuguese families. Eur J Sports Sci 14:510-7

129. Skallerup P, Thamsborg SM, Jørgensen CB, Enemark HL, Yoshida A, **Göring HHH**, Fredholm M, Nejsum P (2014) Functional study of a genetic marker allele associated with resistance to Ascaris suum in pigs. Parasitology 141:777-87

130. Sprooten E, Knowles EE, McKay DR, **Göring HHH**, Curran JE, Kent Jr JW, Carless MA, Dyer TD, Drigalenko EI, Olvera RL, Fox PT, Almasy L, Duggirala R, Kochunov P, Blangero J, Glahn DC (2014) Common genetic variants and gene expression associated with white matter microstructure in the human brain. NeuroImage 97:252-61

131. Thompson, P M, J L Stein, S E Medland, D P Hibar, A A Vasquez, M E Renteria, R Toro, N Jahanshad, G Schumann, B Franke, M J Wright, N G Martin, I Agartz, M Alda, S Alhusaini, L Almasy, J Almeida, K Alpert, N C Andreasen, O A Andreassen, L G Apostolova, K Appel, N J Armstrong, B Aribisala, M E Bastin, M Bauer, C E Bearden, O Bergmann, E B Binder, J Blangero, H J Bockholt, E Boen, C Bois, D I Boomsma, T Booth, I J Bowman, J Bralten, R M Brouwer, H G

Brunner, D G Brohawn, R L Buckner, J Buitelaar, K Bulayeva, J R Bustillo, V D Calhoun, D M Cannon, R M Cantor, M A Carless, X Caseras, G L Cavalleri, M M Chakravarty, K D Chang, C R Ching, A Christoforou, S Cichon, V P Clark, P Conrod, G Coppola, B Crespo-Facorro, J E Curran, M Czisch, I J Deary, E J de Geus, A den Braber, G Delvecchio, C Depondt, L de Haan, G I de Zubicaray, D Dima, R Dimitrova, S Djurovic, H Dong, G Donohoe, R Duggirala, T D Dyer, S Ehrlich, C J Ekman, T Elvsashagen, L Emsell, S Erk, T Espeseth, J Fagerness, S Fears, I Fedko, G Fernandez, S E Fisher, T Foroud, P T Fox, C Francks, S Frangou, E M Frey, T Frodl, V Frouin, H Garavan, S Giddaluru, D C Glahn, B Godlewska, R Z Goldstein, R L Gollub, H J Grabe, O Grimm, O Gruber, T Guadalupe, R E Gur, R C Gur, **Göring HHH**, S Hagenaars, T Hajek, G B Hall, J Hall, J Hardy, C A Hartman, J Hass, S N Hatton, U K Haukvik, K Hegenscheid, A Heinz, I B Hickie, B C Ho, D Hoehn, P J Hoekstra, M Hollinshead, A J Holmes, G Homuth, M Hoogman, L E Hong, N Hosten, J J Hottenga, H E Hulshoff Pol, K S Hwang, C R Jack, Jr, M Jenkinson, C Johnston, E G Jonsson, R S Kahn, D Kasperaviciute, S Kelly, S Kim, P Kochunov, L Koenders, B Kramer, J B Kwok, J Lagopoulos, G Laje, M Landen, B A Landman, J Lauriello, S M Lawrie, P H Lee, S Le Hellard, H Lemaitre, C D Leonardo, C S Li, B Liberg, D C Liewald, X Liu, L M Lopez, E Loth, A Lourdusamy, M Luciano, F Macciardi, M W Machielsen, G M Macqueen, U F Malt, R Mandl, D S Manoach, J L Martinot, M Matarin, K A Mather, M Mattheisen, M Mattingsdal, A Meyer-Lindenberg, C McDonald, A M McIntosh, F J McMahon, K L McMahon, E Meisenzahl, I Melle, Y Milaneschi, S Mohnke, G W Montgomery, D W Morris, E K Moses, B A Mueller, S Munoz Maniega, T W Muhleisen, B Muller-Myhsok, B Mwangi, M Nauck, K Nho, T E Nichols, L G Nilsson, A C Nugent, L Nyberg, R L Olvera, J Oosterlaan, R A Ophoff, M Pandolfo, M Papalampropoulou-Tsiridou, M Papmeyer, T Paus, Z Pausova, G D Pearlson, B W Penninx, C P Peterson, A Pfennig, M Phillips, G B Pike, J B Poline, S G Potkin, B Putz, A Ramasamy, J Rasmussen, M Rietschel, M Rijpkema, S L Risacher, J L Roffman, R Roiz-Santianez, N Romanczuk-Seiferth, E J Rose, N A Royle, D Rujescu, M Ryten, P S Sachdev, A Salami, T D Satterthwaite, J Savitz, A J Saykin, C Scanlon, L Schmaal, H G Schnack, A J Schork, S C Schulz, R Schur, L Seidman, L Shen, J M Shoemaker, A Simmons, S M Sisodiya, C Smith, J W Smoller, J C Soares, S R Sponheim, E Sprooten, J M Starr, V M Steen, S Strakowski, L Strike, J Sussmann, P G Samann, A Teumer, A W Toga, D Tordesillas-Gutierrez, D Trabzuni, S Trost, J Turner, M Van den Heuvel, N J van der Wee, K van Eijk, T G van Erp, N E van Haren, D van 't Ent, M J van Tol, M C Valdes Hernandez, D J Veltman, A Versace, H Volzke, R Walker, H Walter, L Wang, J M Wardlaw, M E Weale, M W Weiner, W Wen, L T Westlye, H C Whalley, C D Whelan, T White, A M Winkler, K Wittfeld, G Woldehawariat, C Wolf, D Zilles, M P Zwiers, A Thalamuthu, P R Schofield, N B Freimer, N S Lawrence, W Drevets and E C I C S Y S G Alzheimer's Disease Neuroimaging Initiative (2014) The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging Behav 8:153-182

132. Zhang X, Gierman HJ, Levy D, Plump A, Dobrin R, **Göring HHH**, Curran JE, Johnson MP, Blangero J, Kim SK, O'Donnell CJ, Emilsson V, Johnson AD

(2014) Synthesis of 53 tissue and cell line expression QTL datasets reveals master eQTLs. BMC Genomics 15:532

133. Bellis C, Kulkarni H, Mamtani M, Kent JW Jr, Wong G, Weir JM, Barlow CK, Diego V, Almeida M, Dyer TD, **Göring HHH**, Almasy L, Mahaney MC, Comuzzie AG, Williams-Blangero S, Meikle PJ, Blangero J, Curran JE. Human plasma lipidome is pleiotropically associated with cardiovascular risk factors and death. Circ Cardiovasc Genet. 2014 Dec;7(6):854-63. doi: 10.1161/CIRCGENETICS.114.000600. Epub 2014 Nov 2. PubMed PMID: 25363705; PubMed Central PMCID: PMC4270876

134. Benton MC, Lea RA, Macartney-Coxson D, Hanna M, Eccles DA, Carless MA, Chambers GK, Bellis C, **Göring HHH**, Curran JE, Harper JL, Gibson G, Blangero J, Griffiths LR. A Phenomic Scan of the Norfolk Island Genetic Isolate Identifies a Major Pleiotropic Effect Locus Associated with Metabolic and Renal Disorder Markers. PLoS Genet. 2015 Oct 16;11(10):e1005593. doi: 10.1371/journal.pgen.1005593. eCollection 2015 Oct. PubMed PMID: 26474483; PubMed Central PMCID: PMC4608754

135. Blackburn A, Almeida M, Dean A, Curran JE, Johnson MP, Moses EK, Abraham LJ, Carless MA, Dyer TD, Kumar S, Almasy L, Mahaney MC, Comuzzie A, Williams-Blangero S, Blangero J, Lehman DM, **Göring HHH**. Effects of copy number variable regions on local gene expression in white blood cells of Mexican Americans. Eur J Hum Genet. 2015 Sep;23(9):1229-35. doi: 10.1038/ejhg.2014.280. Epub 2015 Jan 14. PubMed PMID: 25585699; PubMed Central PMCID: PMC4538210

136. Butte NF, Liu Y, Zakeri IF, Mohney RP, Mehta N, Voruganti VS, **Göring HHH**, Cole SA, Comuzzie AG. Global metabolomic profiling targeting childhood obesity in the Hispanic population. Am J Clin Nutr. 2015 Aug;102(2):256-67. doi: 10.3945/ajcn.115.111872. Epub 2015 Jun 17. PubMed PMID: 26085512; PubMed Central PMCID: PMC4515872

137. Dager AD, McKay DR, Kent JW Jr, Curran JE, Knowles E, Sprooten E, **Göring HHH**, Dyer TD, Pearlson GD, Olvera RL, Fox PT, Lovallo WR, Duggirala R, Almasy L, Blangero J, Glahn DC. Shared genetic factors influence amygdala volumes and risk for alcoholism. Neuropsychopharmacology. 2015 Jan;40(2):412-20. doi: 10.1038/npp.2014.187. Epub 2014 Jul 31. PubMed PMID: 25079289; PubMed Central PMCID: PMC4443955

138. Duan J, Sanders AR, Moy W, Drigalenko EI, Brown EC, Freda J, Leites C, **Göring HHH,** MGS, Gejman PV. Transcriptome outlier analysis implicates schizophrenia susceptibility genes and enriches putatively functional rare genetic variants. Hum Mol Genet. 2015 Aug 15;24(16):4674-85. doi: 10.1093/hmg/ddv199. Epub 2015 May 28. PubMed PMID: 26022996; PubMed Central PMCID: PMC4512633

139. Glahn DC, Williams JT, McKay DR, Knowles EE, Sprooten E, Mathias SR, Curran JE, Kent JW Jr, Carless MA, **Göring HHH**, Dyer TD, Woolsey MD, Winkler AM, Olvera RL, Kochunov P, Fox PT, Duggirala R, Almasy L, Blangero

J. Discovering schizophrenia endophenotypes in randomly ascertained pedigrees. Biol Psychiatry. 2015 Jan 1;77(1):75-83. doi: 10.1016/j.biopsych.2014.06.027. Epub 2014 Jul 21. PubMed PMID: 25168609; PubMed Central PMCID: PMC4261014

140. Hibar DP, Stein JL, Renteria ME, Arias-Vasquez A, Desrivières S, Jahanshad N, Toro R, Wittfeld K, Abramovic L, Andersson M, Aribisala BS, Armstrong NJ, Bernard M, Bohlken MM, Boks MP, Bralten J, Brown AA, Chakravarty MM, Chen Q, Ching CR, Cuellar-Partida G, den Braber A, Giddaluru S, Goldman AL, Grimm O, Guadalupe T, Hass J, Woldehawariat G, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kim S, Klein M, Kraemer B, Lee PH, Olde Loohuis LM, Luciano M, Macare C, Mather KA, Mattheisen M, Milaneschi Y, Nho K, Papmeyer M, Ramasamy A, Risacher SL, Roiz-Santiañez R, Rose EJ, Salami A, Sämann PG, Schmaal L, Schork AJ, Shin J, Strike LT, Teumer A, van Donkelaar MM, van Eijk KR, Walters RK, Westlye LT, Whelan CD, Winkler AM, Zwiers MP, Alhusaini S, Athanasiu L, Ehrlich S, Hakobjan MM, Hartberg CB, Haukvik UK, Heister AJ, Hoehn D, Kasperaviciute D, Liewald DC, Lopez LM, Makkinje RR, Matarin M, Naber MA, McKay DR, Needham M, Nugent AC, Pütz B, Royle NA, Shen L, Sprooten E, Trabzuni D, van der Marel SS, van Hulzen KJ, Walton E, Wolf C, Almasy L, Ames D, Arepalli S, Assareh AA, Bastin ME, Brodaty H, Bulayeva KB, Carless MA, Cichon S, Corvin A, Curran JE, Czisch M, de Zubicaray GI, Dillman A, Duggirala R, Dyer TD, Erk S, Fedko IO, Ferrucci L, Foroud TM, Fox PT, Fukunaga M, Gibbs JR, **Göring HHH**, Green RC, Guelfi S, Hansell NK, Hartman CA, Hegenscheid K, Heinz A, Hernandez DG, Heslenfeld DJ, Hoekstra PJ, Holsboer F, Homuth G, Hottenga JJ, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Kanai R, Keil M, Kent JW Jr, Kochunov P, Kwok JB, Lawrie SM, Liu X, Longo DL, McMahon KL, Meisenzahl E, Melle I, Mohnke S, Montgomery GW, Mostert JC, Mühleisen TW, Nalls MA, Nichols TE, Nilsson LG, Nöthen MM, Ohi K, Olvera RL, Perez-Iglesias R, Pike GB, Potkin SG, Reinvang I, Reppermund S, Rietschel M, Romanczuk-Seiferth N, Rosen GD, Rujescu D, Schnell K, Schofield PR, Smith C, Steen VM, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Turner JA, Valdés Hernández MC, van 't Ent D, van der Brug M, van der Wee NJ, van Tol MJ, Veltman DJ, Wassink TH, Westman E, Zielke RH, Zonderman AB, Ashbrook DG, Hager R, Lu L, McMahon FJ, Morris DW, Williams RW, Brunner HG, Buckner RL, Buitelaar JK, Cahn W, Calhoun VD, Cavalleri GL, Crespo-Facorro B, Dale AM, Davies GE, Delanty N, Depondt C, Djurovic S, Drevets WC, Espeseth T, Gollub RL, Ho BC, Hoffmann W, Hosten N, Kahn RS, Le Hellard S, Meyer-Lindenberg A, Müller-Myhsok B, Nauck M, Nyberg L, Pandolfo M, Penninx BW, Roffman JL, Sisodiya SM, Smoller JW, van Bokhoven H, van Haren NE, Völzke H, Walter H, Weiner MW, Wen W, White T, Agartz I, Andreassen OA, Blangero J, Boomsma DI, Brouwer RM, Cannon DM, Cookson MR, de Geus EJ, Deary IJ, Donohoe G, Fernández G, Fisher SE, Francks C, Glahn DC, Grabe HJ, Gruber O, Hardy J, Hashimoto R, Hulshoff Pol HE, Jönsson EG, Kloszewska I, Lovestone S, Mattay VS, Mecocci P, McDonald C, McIntosh AM, Ophoff RA, Paus T, Pausova Z, Ryten M, Sachdev PS, Saykin AJ, Simmons A, Singleton A, Soininen H, Wardlaw JM, Weale ME, Weinberger DR, Adams HH, Launer LJ, Seiler S, Schmidt R, Chauhan G, Satizabal CL,

Becker JT, Yanek L, van der Lee SJ, Ebling M, Fischl B, Longstreth WT Jr, Greve D, Schmidt H, Nyquist P, Vinke LN, van Duijn CM, Xue L, Mazoyer B, Bis JC, Gudnason V, Seshadri S, Ikram MA; Alzheimer's Disease Neuroimaging Initiative; CHARGE Consortium; EPIGEN; IMAGEN; SYS, Martin NG, Wright MJ, Schumann G, Franke B, Thompson PM, Medland SE. Common genetic variants influence human subcortical brain structures. Nature. 2015 Apr 9;520(7546):224-9. doi: 10.1038/nature14101. Epub 2015 Jan 21. PubMed PMID: 25607358; PubMed Central PMCID: PMC4393366

141. Jenkinson CP, **Göring HH**, Arya R, Blangero J, Duggirala R, DeFronzo RA (2015) Transcriptomics in type 2 diabetes: Bridging the gap between genotype and phenotype. Genom Data. 2015 Dec 17;8:25-36. doi: 10.1016/j.gdata.2015.12.001. eCollection 2016 Jun. PMID: 27114903

142. Knowles EE, McKay DR, Kent JW Jr, Sprooten E, Carless MA, Curran JE, de Almeida MA, Dyer TD, **Göring HHH**, Olvera RL, Duggirala R, Fox PT, Almasy L, Blangero J, Glahn DC. Pleiotropic locus for emotion recognition and amygdala volume identified using univariate and bivariate linkage. Am J Psychiatry. 2015 Feb 1;172(2):190-9. doi: 10.1176/appi.ajp.2014.14030311. Epub 2014 Oct 31. PubMed PMID: 25322361; PubMed Central PMCID: PMC4314438

143. Kringel H, Thamsborg SM, Petersen HH, **Göring HHH**, Skallerup P, Nejsum P. Serum antibody responses in pigs trickle-infected with Ascaris and Trichuris: Heritabilities and associations with parasitological findings. Vet Parasitol. 2015 Jul 30;211(3-4):306-11. doi: 10.1016/j.vetpar.2015.06.008. Epub 2015 Jun 12. PubMed PMID: 26095952

144. Kulkarni H, Kos MZ, Neary J, Dyer TD, Kent JW Jr, **Göring HHH**, Cole SA, Comuzzie AG, Almasy L, Mahaney MC, Curran JE, Blangero J, Carless MA. Novel epigenetic determinants of type 2 diabetes in Mexican-American families. Hum Mol Genet. 2015 Sep 15;24(18):5330-44. doi: 10.1093/hmg/ddv232. Epub 2015 Jun 22. PubMed PMID: 26101197; PubMed Central PMCID: PMC4550817

145. Peters MJ, Joehanes R, Pilling LC, Schurmann C, Conneely KN, Powell J, Reinmaa E, Sutphin GL, Zhernakova A, Schramm K, Wilson YA, Kobes S, Tukiainen T; NABEC/UKBEC Consortium, Ramos YF, **Göring HHH**, Fornage M, Liu Y, Gharib SA, Stranger BE, De Jager PL, Aviv A, Levy D, Murabito JM, Munson PJ, Huan T, Hofman A, Uitterlinden AG, Rivadeneira F, van Rooij J, Stolk L, Broer L, Verbiest MM, Jhamai M, Arp P, Metspalu A, Tserel L, Milani L, Samani NJ, Peterson P, Kasela S, Codd V, Peters A, Ward-Caviness CK, Herder C, Waldenberger M, Roden M, Singmann P, Zeilinger S, Illig T, Homuth G, Grabe HJ, Völzke H, Steil L, Kocher T, Murray A, Melzer D, Yaghootkar H, Bandinelli S, Moses EK, Kent JW, Curran JE, Johnson MP, Williams-Blangero S, Westra HJ, McRae AF, Smith JA, Kardia SL, Hovatta I, Perola M, Ripatti S, Salomaa V, Henders AK, Martin NG, Smith AK, Mehta D, Binder EB, Nylocks KM, Kennedy EM, Klengel T, Ding J, Suchy-Dicey AM, Enquobahrie DA, Brody J, Rotter JI, Chen YD, Houwing-Duistermaat J, Kloppenburg M, Slagboom PE, Helmer Q, den Hollander W, Bean S, Raj T, Bakhshi N, Wang QP, Oyston LJ,

Psaty BM, Tracy RP, Montgomery GW, Turner ST, Blangero J, Meulenbelt I, Ressler KJ, Yang J, Franke L, Kettunen J, Visscher PM, Neely GG, Korstanje R, Hanson RL, Prokisch H, Ferrucci L, Esko T, Teumer A, van Meurs JB, Johnson AD. The transcriptional landscape of age in human peripheral blood. Nat Commun. 2015 Oct 22;6:8570. doi: 10.1038/ncomms9570. PubMed PMID: 26490707; PubMed Central PMCID: PMC4639797

146. Poldrack RA, Laumann TO, Koyejo O, Gregory B, Hover A, Chen MY, Gorgolewski KJ, Luci J, Joo SJ, Boyd RL, Hunicke-Smith S, Simpson ZB, Caven T, Sochat V, Shine JM, Gordon E, Snyder AZ, Adeyemo B, Petersen SE, Glahn DC, Reese Mckay D, Curran JE, **Göring HHH**, Carless MA, Blangero J, Dougherty R, Leemans A, Handwerker DA, Frick L, Marcotte EM, Mumford JA. Long-term neural and physiological phenotyping of a single human. Nat Commun. 2015 Dec 9;6:8885. doi: 10.1038/ncomms9885. PubMed PMID: 26648521; PubMed Central PMCID: PMC4682164

147. Rodriguez-Acevedo AJ, Ferreira MA, Benton MC, Carless MA, **Göring HHH**, Curran JE, Blangero J, Lea RA, Griffiths LR. Common polygenic variation contributes to risk of migraine in the Norfolk Island population. Hum Genet. 2015 Oct;134(10):1079-87. doi: 10.1007/s00439-015-1587-9. Epub 2015 Jul 29. PubMed PMID: 26220684

148. Rubicz R, Yolken R, Drigalenko E, Carless MA, Dyer TD, Kent J Jr, Curran JE, Johnson MP, Cole SA, Fowler SP, Arya R, Puppala S, Almasy L, Moses EK, Kraig E, Duggirala R, Blangero J, Leach CT, **Göring HHH**. Genome-wide genetic investigation of serological measures of common infections. Eur J Hum Genet. 2015 Nov;23(11):1544-8. doi: 10.1038/ejhg.2015.24. Epub 2015 Mar 11. PubMed PMID: 25758998; PubMed Central PMCID: PMC4613484

149. Skallerup P, Thamsborg SM, Jørgensen CB, Mejer H, **Göring HHH**, Archibald AL, Fredholm M, Nejsum P. Detection of a quantitative trait locus associated with resistance to infection with Trichuris suis in pigs. Vet Parasitol. 2015 Jun 15;210(3-4):264-9. doi: 10.1016/j.vetpar.2015.03.014. Epub 2015 Mar 27. PMID: 25858116

150. Sprooten E, Gupta CN, Knowles EE, McKay DR, Mathias SR, Curran JE, Kent JW Jr, Carless MA, Almeida MA, Dyer TD, **Göring HHH**, Olvera RL, Kochunov P, Fox PT, Duggirala R, Almasy L, Calhoun VD, Blangero J, Turner JA, Glahn DC. Genome-wide significant linkage of schizophrenia-related neuroanatomical trait to 12q24. Am J Med Genet B Neuropsychiatr Genet. 2015 Dec;168(8):678-86. doi: 10.1002/ajmg.b.32360. Epub 2015 Oct 5. PubMed PMID: 26440917; PubMed Central PMCID: PMC4639444

151. Winnier DA, Fourcaudot M, Norton L, Abdul-Ghani MA, Hu SL, Farook VS, Coletta DK, Kumar S, Puppala S, Chittoor G, Dyer TD, Arya R, Carless M, Lehman DM, Curran JE, Cromack DT, Tripathy D, Blangero J, Duggirala R, **Göring HHH**, DeFronzo RA, Jenkinson CP. Transcriptomic identification of ADH1B as a novel candidate gene for obesity and insulin resistance in human adipose tissue in Mexican Americans from the Veterans Administration Genetic Epidemiology Study (VAGES). PLoS One. 2015 Apr 1;10(4):e0119941. doi:

10.1371/journal.pone.0119941. eCollection 2015. PubMed PMID: 25830378; PubMed Central PMCID: PMC4382323

152. Wood AR, Tuke MA, Nalls M, Hernandez D, Gibbs JR, Lin H, Xu CS, Li Q, Shen J, Jun G, Almeida M, Tanaka T, Perry JR, Gaulton K, Rivas M, Pearson R, Curran JE, Johnson MP, **Göring HHH**, Duggirala R, Blangero J, Mccarthy MI, Bandinelli S, Murray A, Weedon MN, Singleton A, Melzer D, Ferrucci L, Frayling TM. Whole-genome sequencing to understand the genetic architecture of common gene expression and biomarker phenotypes. Hum Mol Genet. 2015 Mar 1;24(5):1504-12. doi: 10.1093/hmg/ddu560. Epub 2014 Nov 6. PubMed PMID: 25378555; PubMed Central PMCID: PMC4321449

153. Adams HH, Hibar DP, Chouraki V, Stein JL, Nyquist PA, Rentería ME, Trompet S, Arias-Vasquez A, Seshadri S, Desrivières S, Beecham AH, Jahanshad N, Wittfeld K, Van der Lee SJ, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beiser A, Bernard M, Bis JC, Blanken LM, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chauhan G, Chen Q, Ching CR, Cuellar-Partida G, Braber AD, Doan NT, Ehrlich S, Filippi I, Ge T, Giddaluru S, Goldman AL, Gottesman RF, Greven CU, Grimm O, Griswold ME, Guadalupe T, Hass J, Haukvik UK, Hilal S, Hofer E, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liao J, Liewald DC, Lopez LM, Luciano M, Macare C, Marquand A, Matarin M, Mather KA, Mattheisen M, Mazoyer B, McKay DR, McWhirter R, Milaneschi Y, Mirza-Schreiber N, Muetzel RL, Maniega SM, Nho K, Nugent AC, Loohuis LM, Oosterlaan J, Papmeyer M, Pappa I, Pirpamer L, Pudas S, Pütz B, Rajan KB, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Rose EJ, Royle NA, Rundek T, Sämann PG, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Thomson R, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Vaidya D, Van der Grond J, Van der Meer D, Van Donkelaar MM, Van Eijk KR, Van Erp TG, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Woldehawariat G, Wolf C, Wolfers T, Xu B, Yanek LR, Yang J, Zijdenbos A, Zwiers MP, Agartz I, Aggarwal NT, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Chen C, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Geus EJ, De Jager PL, de Zubicaray GI, Delanty N, Depondt C, DeStefano AL, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Erk S, Espeseth T, Evans DA, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, **Göring HH**, Grabe HJ, Green RC, Gruber O, Gudnason V, Guelfi S, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Pol HE, Ikeda M, Ikram MK, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn

RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Longstreth WT Jr, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon KL, McMahon FJ, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schofield PR, Sigurdsson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Srikanth V, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Tiemeier H, Toga AW, Traynor BJ, Troncoso J, Turner JA, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, Van der Lugt A, Van der Wee NJ, Van Duijn CM, Van Haren NE, Van T Ent D, Van Tol MJ, Vardarajan BN, Veltman DJ, Vernooij MW, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke HR, Zonderman AB, Deary IJ, DeCarli C, Schmidt H, Martin NG, De Craen AJ, Wright MJ, Launer LJ, Schumann G, Fornage M, Franke B, Debette S, Medland SE, Ikram MA, Thompson PM (2016) Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nat Neurosci. 2016 Dec;19(12):1569-1582. doi: 10.1038/nn.4398. Epub 2016 Oct 3. PMID: 27694991

154. Blangero J, Teslovich TM, Sim X, Almeida MA, Jun G, Dyer TD, Johnson M, Peralta JM, Manning A, Wood AR, Fuchsberger C, Kent JW Jr, Aguilar DA, Below JE, Farook VS, Arya R, Fowler S, Blackwell TW, Puppala S, Kumar S, Glahn DC, Moses EK, Curran JE, Thameem F, Jenkinson CP, DeFronzo RA, Lehman DM, Hanis C, Abecasis G, Boehnke M, **Göring H**, Duggirala R, Almasy L; T2D-GENES Consortium (2016) Omics-squared: human genomic, transcriptomic and phenotypic data for genetic analysis workshop 19. BMC Proc. 2016 Oct 18;10(Suppl 7):71-77. eCollection 2016. PMID: 27980614

155. Chittoor G, Kent Jr JW, Almeida M, Puppala S, Farook VS, Cole SA, Haack K, **Göring HHH**, MacCluer JW, Curran JE, Carless MA, Johnson MP, Moses EK, Almasy L, Mahaney MC, Lehman DM, Duggirala R, Comuzzie AG, Blangero J, Voruganti VS. GWAS and transcriptional analysis prioritize ITPR1 and CNTN4 for a serum uric acid 3p26 QTL in Mexican Americans. BMC Genomics. 2016; 17: 276. Published online 2016 April 2. doi:10.1186/s12864-016-2594-5. PMCID: PMC4818944

156. Guillen-Ahlers H, Rao PK, Levenstein ME, Kennedy-Darling J, Perumalla DS, Jadhav AY, Glenn JP, Ludwig-Kubinski A, Drigalenko E, Montoya MJ, **Göring HH**, Anderson CD, Scalf M, Gildersleeve HI, Cole R, Greene AM, Oduro AK, Lazarova K, Cesnik AJ, Barfknecht J, Cirillo LA, Gasch AP, Shortreed MR, Smith LM, Olivier M (2016) HyCCAPP as a tool to characterize promoter DNA-protein interactions in Saccharomyces cerevisiae. Genomics. 2016 Jun;107(6):267-73. doi: 10.1016/j.ygeno.2016.05.002. Epub 2016 May 13. PMID: 27184763

157. Hodgson K, Almasy L, Knowles EE, Kent JW, Curran JE, Dyer TD, **Göring HH**, Olvera RL, Fox PT, Pearlson GD, Krystal JH, Duggirala R, Blangero J, Glahn DC (2016) Genome-wide significant loci for addiction and anxiety. Eur Psychiatry. 2016 Aug;36:47-54. doi: 10.1016/j.eurpsy.2016.03.004. Epub 2016 Jun 16. PMID: 27318301

158. Kulkarni H, Mamtani M, Peralta J, Almeida M, Dyer TD, **Göring HHH**, Johnson MP, Duggirala R, Mahaney MC, Olvera RL, Almasy L, Glahn DC, Williams-Blangero S, Curran JE, Blangero J (2016) Soluble Forms of Intercellular and Vascular Cell Adhesion Molecules Independently Predict Progression to Type 2 Diabetes in Mexican American Families PLoS One. 2016; 11(3): e0151177. Published online 2016 March 23. doi: 10.1371/journal.pone.0151177. PMCID: PMC4805238

159. Kulkarni H, Mamtani M, Peralta JM, Diego V, Dyer TD, **Goring H**, Almasy L, Mahaney MC, Williams-Blangero S, Duggirala R, Curran JE, Blangero J (2016) Lack of Association between SLC30A8 Variants and Type 2 Diabetes in Mexican American Families. J Diabetes Res. 2016:6463214. Epub 2016 Nov 8. PMID: 27896278

160. Mamtani M, Kulkarni H, Dyer TD, **Göring HHH**, Neary JL, Cole SA, Kent JW, Kumar S, Glahn DC, Mahaney MC, Comuzzie AG, Almasy L, Curran JE, Duggirala R, Blangero J, Carless MA (2016) Genome- and epigenome-wide association study of hypertriglyceridemic waist in Mexican American families. Clin Epigenetics. 2016 Jan 20;8:6. doi: 10.1186/s13148-016-0173-x. eCollection 2016. PubMed PMID: 26798409; PubMed Central PMCID: PMC4721061

161. Mathias SR, Knowles EE, Kent JW Jr, McKay DR, Curran JE, de Almeida MA, Dyer TD, **Göring HHH**, Olvera RL, Duggirala R, Fox PT, Almasy L, Blangero J, Glahn DC (2016) Recurrent major depression and right hippocampal volume: A bivariate linkage and association study. Hum Brain Mapp. 2016 Jan;37(1):191-202. doi: 10.1002/hbm.23025. Epub 2015 Oct 20. PubMed PMID: 26485182

162. Runge CL, Indap A, Zhou Y, Kent JW Jr, King E, Erbe CB, Cole R, Littrell J, Merath K, James R, Rüschendorf F, Kerschner JE, Marth G, Hübner N, **Göring HH**, Friedland DR, Kwok WM, Olivier M (2016) Association of TMTC2 With Human Nonsyndromic Sensorineural Hearing Loss. JAMA Otolaryngol Head Neck Surg. 2016 Sep 1;142(9):866-72. doi: 10.1001/jamaoto.2016.1444. PMID: 27311106

163. Traurig M, Hanson RL, Marinelarena A, Kobes S, Piaggi P, Cole S, Curran JE, Blangero J, **Göring HHH**, Kumar S, Nelson RG, Howard BV, Knowler WC, Baier LJ, Bogardus C (2016) Analysis of SLC16A11 Variants in 12,811 American Indians: Genotype-Obesity Interaction for Type 2 Diabetes and an Association With RNASEK Expression. Diabetes. 2016 Feb;65(2):510-9. doi: 10.2337/db15-0571. Epub 2015 Oct 20. PubMed PMID: 26487785

164. Zhou Y, Zhu G, Charlesworth JC, Simpson S Jr, Rubicz R, **Göring HHH**, Patsopoulos NA, Laverty C, Wu F, Henders A, Ellis JJ, van der Mei I, Montgomery GW, Blangero J, Curran JE, Johnson MP, Martin NG, Nyholt DR,

Taylor BV; ANZgene consortium (2016) Genetic loci for Epstein-Barr virus nuclear antigen-1 are associated with risk of multiple sclerosis. Mult Scler. 2016 Jan 27. pii: 1352458515626598. [Epub ahead of print] PubMed PMID: 26819262

165. Hibar DP, Adams HH, Jahanshad N, Chauhan G, Stein JL, Hofer E, Renteria ME, Bis JC, Arias-Vasquez A, Ikram MK, Desrivières S, Vernooij MW, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beecham AH, Beiser A, Bernard M, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chen Q, Ching CR, Chouraki V, Cuellar-Partida G, Crivello F, Den Braber A, Doan NT, Ehrlich S, Giddaluru S, Goldman AL, Gottesman RF, Grimm O, Griswold ME, Guadalupe T, Gutman BA, Hass J, Haukvik UK, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Jørgensen KN, Karbalai N, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liewald DC, Lopez LM, Luciano M, Macare C, Marquand AF, Matarin M, Mather KA, Mattheisen M, McKay DR, Milaneschi Y, Muñoz Maniega S, Nho K, Nugent AC, Nyquist P, Loohuis LM, Oosterlaan J, Papmeyer M, Pirpamer L, Pütz B, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Ropele S, Rose EJ, Royle NA, Rundek T, Sämann PG, Saremi A, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Trompet S, Vaidya D, Van der Grond J, Van der Lee SJ, Van der Meer D, Van Donkelaar MM, Van Eijk KR, Van Erp TG, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Wittfeld K, Woldehawariat G, Wolf C, Wolfers T, Yanek LR, Yang J, Zijdenbos A, Zwiers MP, Agartz I, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Craen AJ, De Geus EJ, De Jager PL, De Zubicaray GI, Deary IJ, Debette S, DeCarli C, Delanty N, Depondt C, DeStefano A, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Enzinger C, Erk S, Espeseth T, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Fornage M, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, **Göring HH**, Green RC, Gruber O, Gudnason V, Guelfi S, Håberg AK, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Huentelman M, Pol HE, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon FJ, McMahon KL, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S,

Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schmidt H, Schofield PR, Sigursson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Tsolaki M, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, van der Lugt A, van der Wee NJ, Van Haren NE, van 't Ent D, Van Tol MJ, Vardarajan BN, Vellas B, Veltman DJ, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke RH, Zonderman AB, Martin NG, Van Duijn CM, Wright MJ, Longstreth WT, Schumann G, Grabe HJ, Franke B, Launer LJ, Medland SE, Seshadri S, Thompson PM, Ikram MA (2017) Novel genetic loci associated with hippocampal volume. Nat Commun. 2017 Jan 18;8:13624. doi: 10.1038/ncomms13624. PMID: 28098162

166. Hodgson K, Almasy L, Knowles EE, Kent JW Jr, Curran JE, Dyer TD, **Göring HH**, Olvera RL, Woolsey MD, Duggirala R, Fox PT, Blangero J, Glahn DC (2017) The genetic basis of the comorbidity between cannabis use and major depression. Addiction. 2017 Jan;112(1):113-123. doi: 10.1111/add.13558. Epub 2016 Sep 26. PMID: 27517884

167. Hodgson K, Carless MA, Kulkarni H, Curran JE, Sprooten E, Knowles EE, Mathias S, **Göring HHH**, Yao N, Olvera RL, Fox PT, Almasy L, Duggirala R, Blangero J, Glahn DC. Epigenetic age acceleration assessed with human white-matter images. J Neurosci. 2017 May 3;37(18):4735-4743. doi: 10.1523/JNEUROSCI.0177-17.2017. Epub 2017 Apr 6. PMID:28385874

168. Hodgson K, Poldrack RA, Curran JE, Knowles EE, Mathias S, **Göring HH**, Yao N, Olvera RL, Fox PT, Almasy L, Duggirala R, Barch DM, Blangero J, Glahn DC (2017) Shared Genetic Factors Influence Head Motion During MRI and Body Mass Index. Cereb Cortex. 2016 Oct 15. [Epub ahead of print] PMID: 27744290

169. Hsueh WC, Nair AK, Kobes S, Chen P, **Göring HHH**, Pollin TI, Malhotra A, Knowler WC, Baier LJ, Hanson RL (2017) Identity-by-descent mapping identifies major locus for serum triglycerides in Amerindians largely explained by an APOC3 founder mutation. Circ Cardiovasc Genet 10:e001809 [Epub ahead of print] PMID 29237685

170. Knowles EEM, Huynh K, Meikle PJ, Göring HHH, Olvera RL, Mathias SR, Duggirala R, Almasy L, Blangero J, Curran JE, Glahn DC (2017) The lipidome in major depressive disorder: Shared genetic influence for ether-phosphatidylcholines, a plasma-based phenotype related to inflammation, and disease risk. Eur Psychiatry. 2017 Feb 21;43:44-50. doi: 10.1016/j.eurpsy.2017.02.479. [Epub ahead of print] PMID: 28365467

171. Kos MZ, Carless MA, Peralta J, Curran JE, Quillen EE, Almeida M, Blackburn A, Blondell L, Roalf DR, Pogue-Geile MF, Gur RC, **Göring HHH**, Nimgaonkar VL, Gur RE, Almasy L (2017) Exome sequences of multiplex, multigenerational families reveal schizophrenia risk loci with potential implications for neurocognitive performance. Am J Med Genet B Neuropsychiatr Genet. 2017 Dec;174(8):817-827. doi: 10.1002/ajmg.b.32597. Epub 2017 Sep 13. PMID:

28902459

172. Lake NJ, Taylor RL, Trahair H, Harikrishnan KN, Curran JE, Almeida M, Kulkarni H, Mukhamedova N, Hoang A, Low H, Murphy AJ, Johnson MP, Dyer TD, Mahaney MC, **Göring HHH**, Moses EK, Sviridov D, Blangero J, Jowett JBM, Bozaoglu K (2017) TRAK2, a novel regulator of ABCA1 expression, cholesterol efflux and HDL biogenesis. Eur Heart J. 2017 Dec 21;38(48):3579-3587. doi: 10.1093/eurheartj/ehx315. PMID: 28655204

173. Knowles EE, Meikle PJ, Huynh K, **Göring HH**, Olvera RL, Mathias SR, Duggirala R, Almasy L, Blangero J, Curran JE, Glahn DC (2017) Serum phosphatidylinositol as a biomarker for bipolar disorder liability. Bipolar Disord. 2017 Feb 23. doi: 10.1111/bdi.12468. [Epub ahead of print] PMID: 28230325

174. Sanders AR, Drigalenko EI, Duan J, Moy W, Freda J, **Göring HHH**, Gejman PV. Transcriptome sequencing study implicates immune-related genes differentially expressed in schizophrenia: new data and a meta-analysis. Transl Psychiatry. 2017 Apr 18;7(4):e1093. doi: 10.1038/tp.2017.47. PMID:28418402

175. Weerasekera L, Rudnicka C, Sang QX, Curran JE, Johnson MP, Moses EK, **Göring HH**, Blangero J, Hricova J, Schlaich M, Matthews VB (2017) ADAM19: A Novel Target for Metabolic Syndrome in Humans and Mice. Mediators Inflamm. 2017;2017:7281986. doi: 10.1155/2017/7281986. Epub 2017 Feb 7. PMID: 28265178

176. Almeida M, Peralta J, Garcia J, Diego V, **Göring HHH**, Williams-Blangero S, Blangero J. Modeling methylation data as an additional genetic variance component. BMC Proc. 2018;12(Suppl 9):29. doi: 10.1186/s12919-018-0128-7. eCollection 2018. PubMed PMID: 30263043; PubMed Central PMCID: PMC6157027

177. Blondell L, Blackburn A, Kos MZ, Blangero J, **Göring HHH**. Contribution of Inbred Singletons to Variance Component Estimation of Heritability and Linkage. Hum Hered. 2018;83(2):92-99. doi: 10.1159/000492830. Epub 2018 Nov 2. PubMed PMID: 30391948; PubMed Central PMCID: PMC6277139

178. Duan J*, **Göring HHH***, Sanders AR, Moy W, Freda J, Drigalenko EI, Kos M, He D, and Gejman PV (2018) Transcriptomic signatures of schizophrenia revealed by dopamine perturbation in an ex vivo model. Translational Psychiatry 8(1):158 [PMID: 3011591] (*: joint first author)

179. Knowles EEM, Curran JE, Meikle PJ, Huynh K, Mathias SR, **Göring HHH**, VandeBerg JL, Mahaney MC, Jalbrzikowski M, Mosior MK, Michael LF, Olvera RL, Duggirala R, Almasy L, Glahn DC, Blangero J. Disentangling the genetic overlap between cholesterol and suicide risk. Neuropsychopharmacology. 2018 Dec;43(13):2556-2563. doi: 10.1038/s41386-018-0162-1. Epub 2018 Jul 23. PubMed PMID: 30082891; PubMed Central PMCID: PMC6224547

180. Kos MZ, Duan J, Sanders AR, Blondell L, Drigalenko EI, Carless MA, Gejman PV, **Göring HHH**. Dopamine perturbation of gene co-expression networks reveals differential response in schizophrenia for translational machinery. Transl Psychiatry. 2018 Dec 13;8(1):278. doi: 10.1038/s41398-018-

0325-1. PubMed PMID: 30546022; PubMed Central PMCID: PMC6293320

181. Knowles EEM, Mathias SR, Mollon J, Rodrigue A, Koenis MMG, Dyer TD, **Göring HHH**, Curran JE, Olvera RL, Duggirala R, Almasy L, Blangero J, Glahn DC. A QTL on chromosome 3q23 influences processing speed in humans. Genes Brain Behav. 2019 Apr;18(4):e12530. doi: 10.1111/gbb.12530. Epub 2018 Nov 16. PubMed PMID: 30379395; PubMed Central PMCID: PMC6458095

182. Alexander-Bloch AF, Mathias SR, Fox PT, Olvera RL, **Göring HHH**, Duggirala R, Curran JE, Blangero J, Glahn DC. Human Cortical Thickness Organized into Genetically-determined Communities across Spatial Resolutions. Cereb Cortex. 2019 Jan 1;29(1):106-118. doi: 10.1093/cercor/bhx309. PubMed PMID: 29190330; PubMed Central PMCID: PMC6676978

183. Knowles EEM, Curran JE, **Göring HHH**, Mathias SR, Mollon J, Rodrigue A, Olvera RL, Leandro A, Duggirala R, Almasy L, Blangero J, Glahn DC. 2019. Family-based analyses reveal novel genetic overlap between cytokine interleukin-8 and risk for suicide attempt. Brain Behav Immun. 2019 Aug;80:292-299. doi: 10.1016/j.bbi.2019.04.004. Epub 2019 Apr 3. PubMed PMID: 30953777

184. Blackburn AN, Blondell L, Kos MZ, Blackburn NB, Peralta JM, Stevens PT, Lehman DM, Blangero J, **Göring HHH** (2020) Genotype phasing in pedigrees using whole-genome sequence data. Eur J Hum Genet. 2020 Jan 29. doi: 10.1038/s41431-020-0574-3. [Epub ahead of print] PMID: 31996801

185. Mathias SR, Knowles EEM, Mollon J, Rodrigue A, Koenis MMC, Alexander-Bloch AF, Winkler AM, Olvera RL, Duggirala R, **Göring HHH**, Curran JE, Fox PT, Almasy L, Blangero J, Glahn DC (2020) Minimal Relationship between Local Gyrification and General Cognitive Ability in Humans. Cereb Cortex. 2020 May 18;30(6):3439-3450. PMID: 32037459

186. Mollon J, Curran JE, Mathias SR, Knowles EEM, Carlisle P, Fox PT, Olvera RL, **Göring HHH,** Rodrigue A, Almasy L, Duggirala R, Blangero J, Glahn DC (2020) Neurocognitive impairment in type 2 diabetes: evidence for shared genetic aetiology. Diabetologia. 2020 May;63(5):977-986. PMID: 31996801

187. Blackburn NB, Meikle PJ, Peralta JM, Kumar S, Leandro AC, Bellinger MA, Giles C, Huynh K, Mahaney MC, **Göring HHH**, VandeBerg JL, Williams-Blangero S, Glahn DC, Duggirala R, Blangero J, Michael LF, Curran JE (2021) Identifying the lipidomic effects of a rare loss-of-function deletion in ANGPTL3. Circulation: Circ Genom Precis Med. 2021 Jun;14(3):e003232. doi: 10.1161/CIRCGEN.120.003232. Epub 2021 Apr 22. PMID: 33887960

188. Blondell L, Kos MZ, Blangero J, **Göring HHH** (2021) Genz and Mendell-Elston estimation of the high-dimensional multivariate normal distribution. Algorithms 14: 296.

189. Kos MZ, Carless MA, Blondell L, Leland MM, Knape KD, **Göring HHH**, Szabó CA (2021) Whole genome sequence data from captive baboons implicate RBFOX1 in epileptic seizure risk. Front Genet. 2021; 12: 714282. Published online 2021 Aug 20. doi: 10.3389/fgene.2021.714282. PMCID: PMC8417722

190. Morales LD, Cromack DT, Tripathy D, Fourcaudot M, Kumar S, Curran JE, Carless M, **Göring HHH**, Hu SL, Lopez-Alvarenga JC, Garske KM, Pajukanta P, Small KS, Glastonbury CA, Das SK, Langefeld C, Hanson RL, Hsueh WC, Norton L, Arya R, Mummidi S, Blangero J, DeFronzo RA, Duggirala R, Jenkinson CP (2021) Further evidence supporting a potential role for ADH1B in obesity. Sci Rep. 2021 Jan 21;11(1):1932. PMID: 33479282

191. Mathias S, Knowles EEM, Mollon J, Rodrigue AL, Woolsey MK, Hernandez AM, Garrett AS, Fox PT, Olvera RL, Peralta JM, Kumar S, **Göring HHH**, Duggirala R, Curran JE, Blangero J, Glahn DC (2022) The genetic contribution to solving the cocktail-party problem. iScience. 2022 Aug 24;25(9):104997. doi: 10.1016/j.isci.2022.104997. eCollection 2022 Sep 16. PMID: 36111257

192. Li Z, Li X, Zhou H, Gaynor SM, Selvaraj MS, Arapoglou T, Quick C, Liu Y, Chen H, Sun R, Dey R, Arnett DK, Auer PL, Bielak LF, Bis JC, Blackwell TW, Blangero J, Boerwinkle E, Bowden DW, Brody JA, Cade BE, Conomos MP, Correa A, Cupples LA, Curran JE, de Vries PS, Duggirala R, Franceschini N, Freedman BI, **Göring HHH**, Guo X, Kalyani RR, Kooperberg C, Kral BG, Lange LA, Lin BM, Manichaikul A, Manning AK, Martin LW, Mathias RA, Meigs JB, Mitchell BD, Montasser ME, Morrison AC, Naseri T, O'Connell JR, Palmer ND, Peyser PA, Psaty BM, Raffield LM, Redline S, Reiner AP, Reupena MS, Rice KM, Rich SS, Smith JA, Taylor KD, Taub MA, Vasan RS, Weeks DE, Wilson JG, Yanek LR, Zhao W; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Lipids Working Group, Rotter JI, Willer CJ, Natarajan P, Peloso GM, Lin X (2022) A framework for detecting noncoding rare-variant associations of large-scale whole-genome sequencing studies. Nat Methods. 2022 Oct 27. doi: 10.1038/s41592-022-01640-x. PMID: 36303018

193. Chen Q, Aguirre L, Zhao H, Borrego F, de Rojas I, Su L, Li PP, Zhang B, Kokovay E, Lechleiter JD, **Göring HH**, De Jager PL, Kleinman JE, Hyde TM, Ruiz A, Weinberger DR, Seshadri S, Ma L (2023) Identification of a specific APOE transcript and functional elements associated with Alzheimer's disease. Med Rxiv 2023.10.30.23297431. PMID: 37961425

194. Diego VP, Manusov EG, Mao X, Curran JE, **Göring H**, Almeida M, Mahaney MC, Peralta JM, Blangero J, Williams-Blangero S (2023) Genotype-by-socioeconomic status interaction influences heart disease risk scores and carotid artery thickness in Mexican Americans: the predominant role of education in comparison to household income and socioeconomic index. Front Genet 14:1132110. PMID: 37795246

195. Li X, Quick C, Zhou H, Gaynor SM, Liu Y, Chen H, Selvaraj MS, Sun R, Dey R, Arnett DK, Bielak LF, Bis JC, Blangero J, Boerwinkle E, Bowden DW, Brody JA, Cade BE, Correa A, Cupples LA, Curran JE, de Vries PS, Duggirala R, Freedman BI, **Göring HHH**, Guo X, Haesser J, Kalyani RP, Kooperberg C, Kral BG, Lange LA, Manichaikul A, Martin LW, McGarvey ST, Mitchell BD, Montasser ME, , Morrison AC, Naseri T, O'Connell JR, Palmer ND, Peyser PA, Psaty BM, Raffield LM, Redline S, Reiner AP, Reupena MS, Rice KM, Rich SS, Sitlani CM,

Smith JA, Taylor KD, Vasan RS, Willer CJ, Wilson JG, Yanek LR, Zhao W, HNLBI Trans-Omics for Precision medicine (TOPMed) Consortium, TOPMed Lipids Working Group, Rotter JI, Natarajan P, Peloso GM, Li Z, Lin X (2023) Powerful, scalable and resource-efficient meta-analysis of rare variant associations in large whole-genome sequencing studies. Nat Genet. 2023 Jan;55(1):154-164. doi: 10.1038/s41588-022-01225-6. Epub 2022 Dec 23. PMID: 36564505

196. Mathias SR, Knowles EEM, Mollon J, Rodrigue AL, Woolsey MK, Hernandez AM, Garret AS, Fox PT, Olvera RL, Peralta JM, Kumar S, **Göring HHH**, Duggirala R, Curran JE, Blangero J, Glahn DC: Cocktail-party listening and cognitive abilities show strong pleiotropy. Front Neurol. 2023 Mar 9;14:1071766. doi: 10.3389/fneur.2023.1071766. eCollection 2023. PMID: 36970519

197. Diego VP, Manusov EG, Mao X, Almeida M, Peralta JM, Curran JE, Mahaney MC, **Göring H**, Blangero J, Williams-Blangero S: Metabolic syndrome traits exhibit genotype-by-environment interaction in relation to socioeconomic status in the Mexican American family heart study. Front Genet. 2024; 15: 1240462. Published online 2024 Mar 1. doi: 10.3389/fgene.2024.1240462. PMCID: PMC10940335

198. Chen Q, Aguirre L, Zhao H, Liang G, Borrego F, de Rojas I, Su L-Y, Li P, Zhang B, Kokovay E, Lechleiter J, **Göring HHH**, de Jager P, Kleinman J, Hyde T, Ruiz A, Weinberger D, Seshadri S, Ma L: Identification of a specific APOE transcript and functional elements associated with Alzheimer's disease. Molecular Neurodegeneration: in press

Publications – Book Chapters:

1. **Göring HHH**: Comments on the Utility of Social Science Surveys for the Discovery and Validation of Genes Influencing Complex Traits. Pp. 208–230. In: National Research Council. (2008). *Biosocial Surveys*. Committee on Advances in Collecting and Utilizing Biological Indicators and Genetic Information in Social Science Surveys. M. Weinstein, J.W. Vaupel, and K.W. Wachter, Eds. Committee on Population, Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press.
2. **Göring HHH**: Gene Expression Studies. Pg. 67-83. In: Genome Mapping and Genomics in Human and Non-Human Primates. (2015) R. Duggirala, L. Almasy, S.F.D. Paul, S. Williams-Blangero, C. Kole, Eds. Springer, Heidelberg.

Presentations

Presentations – Talks:

Date	Audience and Location	Title
2000/10/25	Genetic Analysis Workshop 12, San Antonio, TX	Extensions to variance component approaches
2000/10/28	9th Annual Meeting of the International Genetic Epidemiology Society, San Antonio, TX	Joint analysis of linkage and linkage disequilibrium on multiallelic marker data: Reducing the number of degrees of freedom
2001/09/02	10th Annual Meeting of the International Genetic Epidemiology Society, Garmisch-Partenkirchen, Germany	Strong linkage evidence of a major QTL for serum thyroglobulin levels on chromosome 2
2003/11/04	12th Annual Meeting of the International Genetic Epidemiology Society, Rodondo Beach, CA	Statistical identification of causal genetic variants in quantitative trait loci
2004/07/07	Xth International Congress of Auxology, Firenze, Italy	Localization of genetic factors influencing height by genome-wide linkage analysis in large pedigree samples
2006/10/12	56th Annual Meeting of the American Society of Human Genetics, New Orleans, LA	Large-scale genetic investigation of genome-wide transcriptional profiles
2008/11/14	58th Annual Meeting of the American Society of Human Genetics, Philadelphia, PA	A comprehensive gene network based on genetic correlations among gene expression levels
2011/04/05	8th GeneMappers Conference, Hobart, Tasmania, Australia	Using expression profiling of LCLs to investigate the genetic etiology of schizophrenia
2011/09/20	20th Annual Meeting of the International Genetic Epidemiology Society, Heidelberg, Germany	Principal components analysis in expression profile studies: Application to gene discovery and eQTN detection in an LCL-based expression profile study on

		schizophrenia
2018/09/15	University of Texas Rio Grande Valley Research Symposium, McAllen, TX	A computational method for accurate phasing of whole genome sequence data in pedigrees using lineage-specific alleles

Presentations – Invited Talks:

Date	Audience and Location	Title
2002/12/05	3rd Australasian Human Gene Mapping Meeting, Hobart, Tasmania, Australia	On the relationship between penetrance-model-based and penetrance-model-free methods of gene mapping
2004/01/30	Symposium entitled *New Approaches for the Discovery and Analysis of Genes Underlying Complex Diseases*, Seoul National University, Seoul, South Korea	Concepts and complications in statistical gene mapping
2004/02/26	Meeting of the National Institutes of Health-funded Research Network entitled *Early Experience, Stress and Prevention Science*, San Antonio, TX	Basic concepts of statistical gene mapping
2004/03/31	Workshop entitled *Genetics of Complex Diseases with an Emphasis on Type-2 Diabetes Mellitus*, Visakhapatnam, A.P., India	Statistical approaches for gene mapping of discrete traits
2004/04/16	73rd Annual Meeting of the American Association of Physical Anthropologists, symposium entitled *QTL Mapping in Biological Anthropology*, Tampa, FL	Genome-wide linkage analyses of human stature in pedigree samples from different ethnicities
2004/07/25	42nd Wellcome Trust Advanced Course, entitled *Human Genome Analysis: Genetic Analysis of*	Complex traits, replication failure, and bias in locus effect size estimates

	Multifactorial Diseases, Cambridge, England	
2005/03/09	Southwest Foundation Forum 2005, Southwest Foundation for Biomedical Research	Family studies: A tool for linking diseases to genetic defects
2005/09/14	Symposium entitled *Genetics of Common Complex Diseases (Obesity, Type 2 Diabetes, Addictions)*, Monterrey, N.L., Mexico	Statistical genetics I
2005/11/14	Symposium entitled *SNP Technology and Bioinformatics*, Uppsala, Sweden	Challenges in attempts to identify functional variants within a complex trait locus
2005/11/29	45th National Congress of the Mexican Society of Nutrition and Endocrinology, course entitled *Understanding the Molecular Biology of Adipose Tissue and Its Strong Influence in the Development of Type 2 Diabetes*, Merida, Yucatan, Mexico	Approaches for unraveling the genetic etiology of human variability
2006/05/07	*European Human Genetics Conference 2006*, Amsterdam, Netherlands	Analysis of quantitative trait loci
2006/06/01	Workshop on *Advances in Collecting and Utilizing Biological Indicators and Genetic Information in Social Science Surveys*, National Academy of Sciences, Washington, D.C.	Thoughts on the usefulness of collecting genetic data in social science surveys
2007/11/08	Pharmacogenetics Research Network Open Scientific Meeting, Indianapolis, IN	Integrative genomic approaches for the identification of human quantitative trait loci
2008/04/07	4th Barbados Workshop on Computational Gene Regulation: Genetic Variation and Gene Regulation, Holetown, Barbados	Complex trait gene discovery using an integrated approach based on linkage analysis, association analysis, and transcriptional profiling
2008/05/07	Joint Symposium of the Korean Societies for Biochemistry and	Characterization of genetic regulation

	Molecular Biology, Seoul, South Korea	of gene expression in lymphocytes
2008/05/08	Annual meeting of the Korean Society for Biochemistry and Molecular Biology, Seoul, South Korea	Complex trait gene discovery using an integrated approach combining linkage/association analysis and gene expression analysis
2009/02/04	National Eye Institute meeting entitled Illumination the Genetic Architecture of Common Eye Disease, Catalina Island, CA	Empirical gene networks based on expression profile data
2009/08/19	2nd Wellcome Trust School of Human Genomics, Hinxton, UK	Families versus singletons: an empirical comparison of gene mapping power based on proximal regulation of gene expression levels
2009/10/29	158th Meeting of the Acoustical Society of America	Evidence for a genetic contribution, and a chromosome 4 locus, to musical aptitude
2009/12/04	Stanley Medical Research Institute meeting, Chevy Chase, MD	A genome-wide scan in Mexican American families identifies the HLA region as influencing Epstein–Barr virus infection
2010/08/13	1st Annual Genome Research Day, San Antonio, TX	A fine-scale map of genetic variants regulating gene expression in human lymphocytes
2012/09/20	*The Genome and Beyond: Taking Advantage of Advances in Genome Science in the Study of Obesity* – preconference event at 30th annual meeting of the Obesity Society, San Antonio, TX	Genome-wide transcriptional profiling

Presentations – Seminars:

Date	Audience and Location	Title
1995/04/28	Student and Postdoctoral Fellows Seminar Series, Department of Genetics and Development, Columbia University, New York, NY	Estimation of relationship
1995/10/11	Bernhard-Nocht-Institut für Tropenmedizin (Bernhard Nocht Institute for Tropical Medicine), Hamburg, Germany	Estimation of relationship from genetic data
1996/09/07	Departmental Retreat, Dept. of Genetics and Development, Columbia University, Harriman, NY	Relationship estimation: Application to linkage analysis of late-onset diseases
1998/01/30	Student and Postdoctoral Fellows Seminar Series, Dept. of Genetics and Development, Columbia University, New York, NY	A novel haplotype sharing method for analysis of linkage disequilibrium
1999/05/07	Dept. of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX	Complex recombination fractions as a means to handle trait and marker locus genotype errors
1999/06/11	Centre National de Génotypage, Evry, France	Trait and marker locus genotype errors handled with complex recombination fractions
1999/12/13	Dissertation seminar, Dept. of Genetics and Development, Columbia University, New York, NY	Statistical aspects of human gene mapping in the presence of errors
2001/06/28	Lunchtime Research Discussion, Dept. of Genetics, Southwest Foundation for Biomedical Research, San Antonio, TX	On estimating locus-specific effects from genome-wide scans
2003/01/07	Southwest Foundation for Biomedical Research, San Antonio, TX	Concepts and complications in complex trait gene mapping
2003/01/24	Pacific Biomedical Research	Popular (but false) myths in statistical

	Center, University of Hawai'i at Manoa, Honolulu, HI	gene mapping of complex traits
2003/04/04	Dept. of Medical Sciences, Uppsala University, Uppsala, Sweden	Study designs and statistical methods for complex trait gene mapping
2008/02/04	Biomedicum, University of Helsinki and Finnish Public Health Institute, Helsinki, Finland	Integrative genomic approaches for identifying candidate genes influencing quantitative traits
2008/07/10	Helmholtz Zentrum München und Ludwig-Maximilians-Universität München, München, Germany	Charakterisierung der genetischen Architektur von Genexpression
2008/10/20	Members of the Argyle, San Antonio, TX	Speeding up discovery – findings genes that cause disease
2008/10/14	Dept. of Cellular and Structural Biology Seminar Series, University of Texas Health Science Center San Antonio, San Antonio, TX	Utility of expression profiling for characterizing the genetic architecture of gene expression and for complex trait gene discovery
2009/05/14	Helmholtz Zentrum München und Ludwig-Maximilians-Universität München, München, Germany	Wissenschaftliche Denkweise, Interessen, Vorstellungen, Ideen
2009/10/15	Members of the Founder's Council, San Antonio, TX	Seeking to identify genetic risk factors for common diseases
2010/05/27	Members of the Oklahoma Medical Research Foundation, Oklahoma City, OK	Transcriptional profile data: genetic investigation and integration with other gene mapping approaches
2012/10/04	Members of the Biomedicum, University of Helsinki, and National Institute for Health and Welfare, Helsinki, Finland	Identification of genetic loci influencing levels of antibodies against 13 common pathogens
2013/06/27	Board members of the Texas Biomedical Research Institute, San Antonio, TX (informal seminar)	Host genetic control of common infections
2014/04/03	Members of Regional Academic Health Center/Edinburgh and the School of Public Health/Brownsville, Edinburgh, TX	Integrative genomic approaches to investigating complex disease etiology

2014/06/20	Members of Regeneron Genetics Center, Regeneron, Tarrytown, NY	Integrative genetic approaches for complex trait gene discovery
2017/10/27	Members of University of Texas Rio Grande Valley and University of Texas Health Science Center School of Public Health, Brownsville, TX	Studying schizophrenia via expression profiling

Presentations – Posters:

(presenting author posters only)

Date	Audience and Location	Title
1995/10/26	45th Annual Meeting of the American Society of Human Genetics, Minneapolis, MN	Verification of sib relationship without knowledge of parental genotypes
1997/11/01	47th Annual Meeting of the American Society of Human Genetics, Baltimore, MD	A likelihood-based approach to extended haplotype analysis of shared segments using a Markovian branching process
1999/10/20	49th Annual meeting of the American Society of Human Genetics, San Francisco, CA	A common framework for model-based or model-free, twopoint or multipoint, linkage and/or linkage disequilibrium analysis of complex traits
2000/10/05	50th Annual Meeting of the American Society of Human Genetics, Philadelphia, PA	Genome scans for quantitative trait loci using variance components linkage analysis: Upward bias in heritability estimates attributable to individual quantitative trait loci at lod score peaks
2000/10/25	Genetic Analysis Workshop 12, San Antonio, TX	Linkage analysis of quantitative traits in randomly ascertained pedigrees: Comparison of parametric and variance components analysis
2002/11/12	Genetic Analysis Workshop 13, New Orleans, LA	On different approximations to multi-locus identity-by-descent calculations and their impact on power of

		variance component-based linkage analysis
2003/11/05	53rd Annual Meeting of the American Society of Human Genetics, Los Angeles, CA	Strong linkage evidence for a locus influencing sensitivity to *Chlamydia pneumoniae* infection on chromosome 21
2004/10/29	54th Annual Meeting of the American Society of Human Genetics, Toronto, Ontario, Canada	A QTL for left ventricular mass on chromosome 12p in American Indians
2005/10/23	14th Annual Meeting of the International Genetic Epidemiology Society, Park City, UT	Heritability estimates for serologically assessed infections with common, chronic pathogens in Alaskan Eskimo participants in the GOCADAN Study
2005/10/28	55th Annual Meeting of the American Society of Human Genetics, Salt Lake City, UT	A novel method for linkage disequilibrium mapping of quantitative trait loci
2006/03/02	46th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Phoenix, AZ	Linkage analysis of glycosylated hemoglobin in the GOCADAN Study: Evidence for a major locus on chromosome 19q
2007/10/24	57th Annual Meeting of the American Society of Human Genetics, San Diego, CA	Power of measured genotype-based association analysis, conditional on a variance components-based linkage model, in related individuals
2009/10/22	59th Annual Meeting of the American Society of Human Genetics, Honolulu, HI	Families versus unrelateds: An empirical comparison of gene mapping power based on genetic analysis of expression profile data
2010/11/03	60th Annual Meeting of the American Society of Human Genetics, Washington, DC	Genome-wide search strategies for detecting trans-regulatory variants influencing human gene expression levels
2011/10/13	12th International Congress of Human Genetics, Montreal, Quebec, Canada	Localization of rare variants influencing complex traits using lineage-specific linkage analysis in extended pedigrees

2012/11/09	62nd Annual Meeting of the American Society of Human Genetics, San Francisco, CA	Application of principal components analysis to investigation of expression profile data
2018/10/17	68th Annual Meeting of the American Society of Human Genetics, San Diego, CA	Dopamine perturbation of gene co-expression networks reveals differential response among schizophrenia subjects for translational machinery

Funding

Funding – Active Research Support:
(excluding grants on which I receive no paid effort or on which I am a consultant or foreign grants that pay no salaries)

R01DK118427 Sanghera (PI) 2019/09/01 – 2024/06/30
NIH/NIDDK
Genome, Metabolome, Ancestry and Diabetes Health Disparity
The major goals are to characterize the metabolome of blood plasma, identify early metabolomic risk markers for diabetes, and to examine the genetic machinery regulating the metabolome in a population from India.
Role: MPI, PI of subcontract

U19 AG076581 Blangero, Williams-Blangero (PI) 2023/08/15 – 2025/07/31
NIH
Interactions of SARS-CoV-2 infection and genetic variation on the risk of cognitive decline and Alzheimer's disease in Ancestral and Admixed Populations.
Role: Professor

R01 AG078423 Blangero (PI) 2023/05/15 – 2028/04/30
NIH
Shared Genetic and Environmental Influences on Age-Related Hearing Loss, Cognitive Decline, and Dementia Risk.
Role: Professor

Funding – Pending Research Support:
R01AI182578 Goring (PI) 2025/04/01 – 2030/03/31
NIH/NHGRI
BEAT-EBV
The major goals are to conduct a multi-omic investigation to investigate Epstein-Barr (EBV) virus infection and the human immune response to it, with the ultimate goal of preventing serious consequencies of EBV infection.
Role: PI (Contact PI)

Funding – Completed Research Support:
(only grants as PI, Co-PI, MPI, or PI of subcontract;
unlisted are the many more grants as Co-I or in other roles)

Göring (PI) 2003/06/01 – 2004/05/31
San Antonio Area Foundation
Genetic analysis of the endocrine function of adipose tissue in a slim population

The goal of this project is to localize genetic factors involved in the regulation of adipocyte-derived hormone levels by linkage analysis in a large Nepalese pedigree consisting of very slim individuals.
Role: PI

R01 HL080149 Göring (PI) 2006/07/01–2012/06/30
NIH/NHLBI
Genetics of Infection and its Relationship with CVD Risk
The major goals of this project are to localize genes regulating susceptibility to infection to several common pathogens and assess the relationship between infection and other risk factors for CVD in Mexican Americans.
Role: PI

R01 DK047482 Lehman (PI) 2006/09/01 – 2013/08/31
NIH/NIDKK
NIDDM Susceptibility Genes in Mexican Americans
The major goal of this project is to identify diabetes susceptibility genes in Mexican Americans using a pedigree study.
Role: Co-I, PI of subcontract

R01 DK070746 Lehman (PI) 2007/08/01 – 2012/06/30
NIH/NIDKK
Type 2 Diabetes Gene Discovery Linked to 3p in Hispanics
The major goal is to identify the genes responsible for the chromosome 3p QTL for diabetes risk in the San Antonio Family Diabetes Study.
Role: Co-I, PI of subcontract

RC2 MH090030 Sanders (PI) 2009/09/30 – 2012/08/31
NIH/NIMH
Joint Mapping of Genome-Wide Gene Expression and Association in a Schizophrenia Dataset
The major goal is to identify genetic risk factors for schizophrenia using an integrative genomics approach using association analysis as well gene expression analysis.
Role: Co-I, PI of subcontract

R01 MH094116 Göring (PI) 2011/07/01 – 2018/01/31
NIH/NIMH
2/2-An Integrative Genetic Investigation of Schizophrenia
The major goal is to identify genetic risk factors for schizophrenia by expression profiling of lymphoblastoid cell lines from schizophrenics and controls before and after stimulation with dopamine.
Role: PI

1 R01 MH098059 Sanders (PI) 2012/07/12 – 2017/06/30
NIH/NIMH
Gene Expression in an African American Schizophrenia Dataset

The major goal is to identify genetic risk factors for schizophrenia via transcriptional profiling of lymphoblastoid cell lines from African American schizophrenics and controls.
Role: Co-I, PI of subcontract

R01 DK099051 Göring (PI) 2013/07/01 – 2019/06/30
NIH/NIDDK
A Genetic Study of Blood Metabolites and their Relationship to Diabetes Risk
The major goals are to investigate the genetic architecture influencing blood metabolite levels and to discover early metabolomic biomarkers for diabetes.
Role: PI