

CURRICULUM VITAE**GERARDO HEISS, M.D., M.Sc., Ph.D.****IDENTIFYING INFORMATION**

Position Title: Kenan Distinguished Professor
Department of Epidemiology
School of Public Health
University of North Carolina at Chapel Hill

Business Phones: (919) 966-1967 (Department of Epidemiology)
(919) 962-3253 (Department of Biostatistics)

EDUCATIONAL RECORD

1960-68 Doctor of Medicine, School of Medicine, University of Chile at Santiago.
1968-71 Clinical Scholarship: Department of Public Health and Social Medicine (Teaching Fellow), and Department of Internal Medicine (Clinical Trainee), University of Chile
1971-73 M.Sc., Social Medicine, University of London, London School of Hygiene, England.
1974-76 Ph.D., Epidemiology, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill.

EMPLOYMENT RECORD

1968-74 Teaching Fellow, Department of Public Health and Social Medicine, University of Chile at Santiago
1974-76 Graduate Research Assistant, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill
1976-80 Research Assistant Professor, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill
1981-84 Research Associate Professor, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill
1979-81 Associate Director, Central Patient Registry and Coordinating Center, Lipid Research Clinics Program
1984-87 Associate Professor, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill.
1985-87 Director, Publications Division, Collaborative Studies Coordinating Center, Department of Biostatistics, University of North Carolina at Chapel Hill.
1987-2007 Professor, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill.

1995-2010 Director of Graduate Studies, Department of Epidemiology, School of Public Health, UNC-CH

2007- Kenan Distinguished Professor, Department of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill.

1999- Adjunct Professor, Division of Public Health Sciences, Wake Forest University

2007- Visiting Professor, School of Public Health, Faculty of Medicine, University of Chile

SCHOLASTIC AWARDS

1968-71 Fellowship, Department of Health and Social Medicine, University of Chile

1971-73 Fellowship, Pan American Health Organization

1993 Edward C. McGavran Award for Teaching, School of Public Health, UNC at Chapel Hill

1998 Bernard G. Greenberg Alumni Endowment Award, School of Public Health, UNC at Chapel Hill

2000 Distinguished Contributions, Epidemiology and Statistics Section, North Carolina Public Health association

2011 John E. Larsh Award for Mentorship

2015 American Heart Association – Mentorship Award

PROFESSIONAL AFFILIATIONS

- Sigma Xi (University of North Carolina Chapter)
- American Public Health Association – Member, Epidemiology Section
- Society for Epidemiologic Research
- International Society and Federation of Cardiology
- Society for Clinical Trials
- Delta Omega, The Honorary Public Health Society (Theta Chapter)
- North Carolina Public Health Association
- American Heart Association – Fellow, Council on Epidemiology, Council on Arteriosclerosis

TEACHING/MENTORING SERVICE

Director of Graduate Studies (1995 - 2010), Department of Epidemiology, School of Public Health.

Chair, Graduate Studies Committee (1995 - 2015), Department of Epidemiology, School of Public Health.

Director, NRSA/NHLBI Cardiovascular Disease Epidemiology Training Program (1992 - 2012), Co-Program Directors (2012-present) Dept. of Epidemiology, School of Public Health, University of North Carolina at Chapel Hill.

Academic Program Committee (member, 2005 -2010), School of Public Health, University of North Carolina at Chapel Hill.

COURSES TAUGHT (last five years)

Cardiovascular Disease Epidemiology – EPID 735 (Co-Instructor) – Yearly 1995-2015
 Epidemiologic Research Methods - EPID 725-726 (Co-Instructor) – Yearly 1998-2014
 Adv. Cardiovascular Epidemiology Seminar – EPID 687 (Instructor) – Yearly 1998-present

Courses taught abroad:

Research Design and Implementation - University at Ulm, Germany
 Clinical Trials - University of Chile at Santiago, Chile (Co-instructor)
 Cardiovascular Disease Epidemiology - University of Heidelberg, Germany
 Cardiovascular Disease Epidemiology - University of Ulm, Germany
 Research Design and Implementation - University of Chile, Santiago

PARTICIPATION IN NHLBI-SPONSORED WORKSHOPS

1979	High Density Lipoprotein Methodology Workshop
1981	Hypertriglyceridemia and Atherosclerosis
1982	Workshop on Apolipoprotein Quantification
1983	Consensus Development Conference on Treatment of Hypertriglyceridemia
1988	Workshop on Trends and Determinants of Coronary Heart Disease Mortality:
1990	Cholesterol and Heart Disease in Older Persons and in Women
1992	Consensus Development Conference on Triglycerides, HDL and CHD
1996	Workshop on Pulmonary Function Testing in NHLBI Population-Based Studies
1999	NHLBI Workshop on Research Training and Career Development
2013	Embedding Clinical Interventions into Observational Studies

MEMBERSHIP IN ADVISORY COMMITTEES - FORMER

1977-1978	Task Force on Prevention of Cardiovascular Disease in the Young, NHLBI
1982-1987	Data Review Board, B-Scan Assessment Program, NHLBI
1990-1992	American Heart Association Committee on Health Statistics
1998-2009	Observational Studies Monitoring Board, CARDIA Study, NHLBI
2003-2008	Advisory Board: Sisters Study, National Institute of Environmental Health Sciences

MEMBERSHIP IN ADVISORY COMMITTEES - CURRENT

2005 -	Ministry of Research and Education, Germany / Helmholtz Society - Advisory Panel to the German National Cohort
2008 -	Data and Safety Advisory Board - COPDgene
2008 -	NHGRI Electronic Medical Record and Genomics Network (eMERGE)

SERVICE ON STUDY SECTIONS

1984-1989	Clinical Trials Review Committee
2001-2004	Veteran's Administration Epidemiology Merit Review Committee, USVA
2005-2006	KNOD Study Section
2010-2014	NITM Study Section
2015-	CASE – Ad hoc reviewer

HONORS

1971-73	Fellowship, Department of Health and Social Medicine, Chile
1971-73	Fellowship, Pan American Health Organization
1996	Edward C. McGavran Award for Teaching
1998	Bernard G. Greenberg Alumni Endowment Award
2011	John E. Larsh Award for Mentorship
2015	American Heart Association Mentorship Award

PUBLICATIONS

A. Publications in Refereed Journals

Belmar R, Fassler C, **Heiss G**, Lopez J, Weber C, Weinstein L. Enseñanza de la salud publica y medicina social en el area central. Rev Med Chil 1971;99:529-535.

Beaglehole R, **Heiss G**, Cassel J, Tyroler HA. Prevalence and incidence data in the assessment of the risk of coronary heart disease. Am J Epidemiol 1975;102:55-62.

Heyden S, Tyroler HA, Cassel JC, Becker C, **Heiss G**. Coffee consumption and mortality in a community study - Evans County, Georgia. Z Ernährungswissenschaften 1976;14:143-150.

Heiss G, Tyroler HA, Hames C. Cholesterol tracking; prediction over time of serum cholesterol in Evans County, Ga. Adv Exp Med Biol 1977;82:112-4.

Heyden S, Tyroler HA, **Heiss G**, Hames CG, Bartel AG. Coffee consumption and mortality. Arch Intern Med 1978;138:1472-1475.

Heyden S, Heyden F, **Heiss G**, Hames CG. Cigarette smoking and coffee drinking in cancer patients, patients with cardiovascular disease, and controls. A prospective study in Evans County, Georgia. Aktuelle Ernährungsmedizin 1978;4:117.

Rifkind BM, Tamir I, **Heiss G**, Wallace RB, Tyroler HA. Distribution of high density and other lipoproteins in selected Lipid Research Clinics prevalence Study populations: A brief survey. Lipids 1979;14:105-112.

Heyden S, **Heiss G**, Manegold CH, Tyroler HA, Hames CG, Bartel AG, Cooper G. The combined effect of cigarette smoking and coffee drinking on LDL and HDL cholesterol. Circulation 1979;60:22-25.

Heyden S, Heyden F, **Heiss G**, Hames CG. Smoking and coffee consumption in three groups: Cancer deaths, cardiovascular deaths, and living controls. J Chron Dis 1979;32:673-677.

The Lipid Research Clinics Program. Plasma lipid distributions in selected North American populations: The LRC Program Prevalence Study. Circulation 1979;60:427.

Morrison J, deGroot I, Kelly K, Mellies M, Khoury P, Lewis D, Lewis A, Firoelli M, Tyroler HA, **Heiss G**, Glueck C. Black-white differences in plasma lipoproteins in Cincinnati schoolchildren. Metabolism 1979;28:241.

Morrison J, deGroot I, Kelly K, Mellies M, Khoury P, Edwards B, Lewis D, Lewis A, Fiorelli M, **Heiss G**, Tyroler HA, Glueck C. Black-white differences in plasma lipids and lipoproteins in adults: The Cincinnati Lipid Research Clinics Population Study. Prev Med 1979;8:34-39.

Beaglehole R, LaRosa J, **Heiss G**, Davis CE, Williams OD, Tyroler HA, Rifkind B. Serum cholesterol, diet, and the decline in coronary heart disease mortality. Prev Med 1979;8:538-547.

Wallace RB, Tamir I, **Heiss G**, Rifkind BM, Christensen B, Glueck CJ. Plasma lipids, lipoproteins, and blood pressure in female adolescents using oral contraceptives. J Pediatr 1979;95:1055-1059.

Wallace RB, Hoover J, Barrett-Connor E, Rifkind BM, Hunninghake DB, Mackenthun A, **Heiss G**. Altered plasma lipid and lipoprotein associated with oral contraceptive and estrogen use. Lancet 1979;ii:111-115.

Christensen B, Glueck CE, Kwiterovich P, deGroot I, Chase G, **Heiss G**, Mowery R, Tamir I, Rifkind BM. Plasma cholesterol and triglyceride distributions in children and adolescents. Pediatr Res 1980;14:194-202.

Heiss G, Tamir I, Davis CE, Tyroler HA, Rifkind B, Schonfeld G, Jacobs D, Frantz ID. Lipoprotein cholesterol distributions in selected North American populations: The Lipid Research Clinics Program Prevalence Study. Circulation 1980;61:302-315.

Tamir I, **Heiss G**, Glueck C, Christensen B, Kwiterovich P, Rifkind B. Lipid and lipoprotein distributions in white children ages 6 to 17 years. The Lipid Research Clinics Program Prevalence Study. J Chron Dis 1980;34:27-39.

Morrison JA, Khoury P, Kelly K, Mellies MJ, Parrish E, **Heiss G**, Tyroler HA, Glueck CJ. Studies of blood pressure in schoolchildren (ages 6-19) and their parents in an integrated suburban school district. Am J Epidemiol 1980;111:156.

Heyden S, **Heiss G**, Bartel AG, Hames CG. Sex differences in coronary mortality among diabetics in Evans County, Georgia. J Chron Dis 1980;33:265-273.

Heyden S, **Heiss G**, Hames CG, Bartel AG. Fasting triglycerides as predictors of total and CHD mortality in Evans County, Georgia. J Chron Dis 1980;33:275-282.

Heiss G, Tyroler HA, Gunnells JC, McGuffin WL, Hames CG. Dopamine-hydroxylase in a biracial community: Demographic, cardiovascular, and familial factors. J Chron Dis 1980;33:301.

Tyroler HA, **Heiss G**, Heyden S, Hames CG. Family follow-up study of serum cholesterol in Evans County, Georgia. J Chron Dis 1980;33:323.

Heyden S, **Heiss G**, Heyman A, Tyroler HA, Hames CG, Patzschke V, Manegold C. Cardiovascular mortality in transient ischemic attacks. Stroke 1980;11:252-255.

Tyroler HA, **Heiss G**, Schonfeld G, Cooper G, Heyden S, Hames CG. Lipoprotein apoproteins AI, All, and CII in black and white residents of Evans County, Georgia. Circulation 1980;62:249-254.

Heiss G, Haskell WL, Mowery RL, Criqui M, Brockway M, Tyroler HA. High density lipoprotein cholesterol and socioeconomic status: The Lipid Research Clinics Program Prevalence Study. Circulation 1980;62(suppl IV):108-115.

Criqui MH, Wallace RB, **Heiss G**, Mishkel M, Schonfeld G, Jones GTL. Cigarette smoking and plasma high density lipoprotein cholesterol. The Lipid Research Clinics Program Prevalence Study. Circulation 1980;62(suppl IV):70-76.

Haskell WL, Taylor HL, Wood PD, Schrott H, **Heiss G**. Strenuous physical activity, treadmill exercise test performance, and high density lipoprotein cholesterol. The Lipid Research Clinics Program Prevalence Study. Circulation 1980;62 suppl IV):53-61.

Heiss G, Johnson NJ, Reiland S, David CE, Tyroler HA. The epidemiology of plasma high density

lipoprotein cholesterol levels. The Lipid Research Clinics Program Prevalence Study. Circulation 1980;62(suppl IV):116-136.

Morrison JA, Khoury P, Laskarzewski P, Gartside P, Moore M, **Heiss G**, Glueck CJ. Hyperalphalipoproteinemia in hypercholesterolemic adults and children. Trans Assoc Am Physicians 1980;92:230-243.

Glueck CJ, **Heiss G**, Morrison JA, Khoury P, Moore M. Alcohol, cigarette smoking, and plasma lipids and lipoproteins in 12-19 year old children. The Collaborative Lipid Research Clinics Prevalence Study. Circulation 1981;64(suppl III):48-56.

Wallace RB, Lynch CF, Pomrehn PR, Criqui MH, **Heiss G**. Alcohol and hypertension: Epidemiologic and experimental considerations. The Lipid Research Clinics Program. Circulation 1981;64(suppl III):41-47.

Hunninghake DB, Wallace RB, Reiland S, Barrett-Connor E, Wahl P, Hoover J, **Heiss G**. Alterations of plasma lipid and lipoprotein levels associated with benzodiazepine use. The LRC Program Prevalence Study. Atherosclerosis 1982;40:159-165.

Wallace RB, Barrett-Connor E, Criqui MH, Wahl P, Hoover J, Hunninghake DB, **Heiss G**. Alterations in blood pressure associated with combined alcohol and oral contraceptive use. The Lipid Research Clinics Program. J Chron Dis 1982;35:251-257.

Kwiterovich PO, **Heiss G**, Johnson NJ, Chase GA, Tamir I, Rifkind BM. Assessment of plasma total cholesterol as a test to detect young subjects with Type IIa hyperlipoproteinemia. Am J Epidemiol 1982;115:192-204.

Criqui MH, Wallace RB, Mishkel MA, Barrett-Connor E, **Heiss G**. Alcohol consumption and blood pressure: The Lipid Research Clinics Program Prevalence Study. Hypertension 1982;3:557-565.

Weitzman S, Wagner GS, **Heiss G**, Haney TL, Slome C. Myocardial infarction site and mortality in diabetes. Diabetes Care 1982;5:31-35.

Sheffield TL, Haskell WL, **Heiss G**, Kioschos M, Leon A, Roitman D, Schrott H. Safety of exercise testing volunteer subjects. The Lipid Research Clinics Prevalence Study experience. J Card Rehab 1982;2:395-400.

Cowan LD, Wallace RB, Barrett-Connor E, Hunninghake D, Pomrehn P, Wahl P, **Heiss G**. Alterations in clinical chemistry measures associated with oral contraceptive and estrogen use. The Lipid Research Clinics Program. J Reprod Med 1982;27:275-282.

Criqui MH, Mebane I, Wallace RB, **Heiss G**, Holdbrook MJ. Multivariate correlates of adult blood pressures in nine North American populations: The Lipid Research Clinics Program. Prev Med 1982;11:391-402.

Schwarz W, Trost DC, Reiland SL, Rifkind BM, **Heiss G**. Correlates of low density lipoprotein cholesterol. Associations with physical, chemical, dietary, behavioral characteristics. The Lipid Research Clinics Program Prevalence Study. Arteriosclerosis 1982;2:513-522.

Criqui MH, Haskell WL, **Heiss G**, Tyroler HA, Green P, Rubenstein CJ. Predictors of systolic blood pressure response to treadmill exercise. Circulation 1983;68:225-233.

Wahl P, Walden C, Knopp R, Hoover J, Wallace R, **Heiss G**, Rifkind B. Effect of estrogen/progestin potency on lipid/lipoprotein cholesterol. N Engl J Med 1983;308:862-867.

Duncan BB, **Heiss G**. Non-enzymatic glycosylation of proteins: A new tool for the assessment of cumulative hyperglycemia in epidemiologic studies, past and future. Am J Epidemiol 1984;120(2):169-189.

Halfon S-T, Green M, **Heiss G**. Smoking habits and plasma lipoproteins in the Jerusalem examinees of the Lipid Research Clinics Program. Int J Epidemiol 1984;13: 177-183.

Greenberg RA, Green PP, Roggenkamp KJ, Barrett-Connor E, Tyroler HA, **Heiss G**. The constancy of parent offspring similarity of total cholesterol throughout childhood and early adult life. J Chron Dis 1984;37(1):833-838.

Heiss G, Schoenfeld G, Johnson JL, Heyden S, Hames CG, Tyroler HA. Black-white differences in plasma levels of apolipoproteins: The Evans County Heart Study. Am Heart J 1984;108:807-814.

Tyroler HA, Knowles MG, Wing SB, Logue EE, Davis CE, **Heiss G**, Heyden S, Hames CG. Ischemic heart disease risk factors and twenty-year mortality in middle-age Evans County black males. Am Heart J 1984;108(3)(Part 2):738-746.

Green MS, **Heiss G**, Rifkind BM, Cooper GR, Williams OD, Tyroler HA. The ratio of plasma high-density lipoprotein cholesterol to total and low-density lipoprotein cholesterol: age-related changes and race and sex differences in selected North American populations. Circulation 1985;72:93-104.

Baird DD, Tyroler HA, **Heiss G**, Chambless LE, Hames CG. Menopausal change in serum cholesterol. Am J Epidemiol 1985;122(6):982-993.

Barrett-Connor E, Wilcosky T, Wallace RB, **Heiss G**. Resting and exercise electrocardiographic abnormalities associated with sex hormone use in women. Am J Epidemiol 1986;123(1):81-88.

Johnson JL, Heineman EF, **Heiss G**, Hames CG, Tyroler HA. Cardiovascular disease risk factors and mortality among black women and white women aged 40-64 years in Evans County, Georgia. Am J Epidemiol 1986;123(2):209-220.

LaRosa JC, Chambless LE, Criqui MH, Frantz ID, Glueck CJ, **Heiss G**, Morrison JA. Patterns of dyslipoproteinemia in selected North American populations. Circulation 1986;73(Suppl I):12-29.

Criqui MH, Cowan LD, **Heiss G**, Haskell WL, Laskarzewski PM, Chambless LE. Frequency and clustering of non-lipid coronary risk factors in dyslipoproteinemia. Circulation 1986;73(Suppl I):40-50.

Glueck CJ, Laskarzewski PM, Suchindran CM, Chambless LE, Barrett-Connor E, Stewart P, **Heiss G**, Tyroler HA. Progeny's lipid and lipoprotein levels by parental mortality. Circulation 1986;73(Suppl I):51-61.

Wallace RB, Pomrehn P, **Heiss G**, Chambless LE, Johnson N, Patten R, Lippel K, Rifkind BM. Alterations in clinical chemistry levels associated with the dyslipoproteinemias. Circulation 1986;73(Suppl I):62-69.

Wallace RB, Hunninghake DB, Chambless LE, **Heiss G**, Weissfeld L, Johnson N, Wahl P, Barrett-Connor E. A screening survey of dyslipoproteinemias associated with prescription drug use. Circulation 1986;73(Suppl I):70-79.

Rubenstein C, Romhilt D, Segal P, **Heiss G**, Chambless LE, Boyle KE, Ekelund LG, Adolph R, Sheffield LT. Dyslipoproteinemias and coronary heart disease manifestations. Circulation 1986;73(Suppl I):91-99.

Pomrehn P, Duncan B, Weissfeld L, Wallace RB, Barnes R, Heiss G, Ekelund LR, Criqui MH, Johnson N, Chambless LE. The association of dyslipoproteinemia with symptoms and signs of peripheral arterial disease. Circulation 1986;73(Suppl I):100-107.

Eisenberg S, Heiss G, Friedlander Y, Rifkind BM, Segal P, Williams OD, Stein Y. Comparison of plasma lipids, lipoproteins, and dyslipoproteinemia in Israel and the United States. Atherosclerosis 1986;50:63-74.

Kaufman NA, Dennis BH, **Heiss G**, Friedlander Y, Kark JD, Stein Y. Comparison of nutrient intake of selected populations in the United States and Israel. The Lipid Research Clinic Prevalence Study. Am J Clin Nutr 1986;43:604-620.

Walden C, Knopp RH, Johnson JL, **Heiss G**, Wahl PW, Hoover JJ. Effect of estrogen/progestin potency on clinical chemistry measures: The Lipid Research Clinics prevalence study. Am J Epidemiol 1986;123(3):517-531.

Knopp RH, Walden CE, Heiss G, Johnson JL, Wahl PW. Prevalence and clinical correlates of beta-migrating VLDL. The Lipid Research Clinics program prevalence study. Am J Med 1986;81:493-502.

Wing S, Hayes C, Heiss G, John E, et al. Geographic variation in the onset of decline of ischemic heart disease mortality in the United States. Am J Public Health 1986;76(12):1404-8.

Wallace RB, **Heiss G**, Burrows B, Graves K. Contrasting diet and body mass among users and non-users of oral contraceptives and exogenous estrogens: The Lipid Research Clinics program prevalence study. Am J Epidemiol 1987;125(5):854-9.

Friedlander Y, Bucher KD, Namboodiri KK, **Heiss G**, Kark JD, Tyroler HA, Eisenberg S, Stein Y, Rifkind BM. Parent-offspring aggregation of plasma lipids in selected populations in North America and Israel. Am J Epidemiol 1987;126(2):268-279.

Knoke JD, Hunninghake DB, **Heiss G**. Physiological markers of smoking and their relation to coronary heart disease. The Lipid Research Clinics coronary primary prevention trial. Arteriosclerosis 1987;7(5):477-482.

Criqui MH, Cowan LD, Tyroler HA, Bangdiwala S, **Heiss G**, Wallace RB, Cohn R. Lipoproteins as mediators for the effects of alcohol consumption and cigarette smoking on cardiovascular mortality: Results from the Lipid Research Clinics follow-up study. Am J Epidemiol 1987;126(4):629-637.

◆ Daniels SR, **Heiss G**, Davis CE, Hames CG, Tyroler HA. Race and gender differences in the correlates of blood pressure change. Hypertension 1988;11(3):249-55.

Duncan BB, Schmidt MI, Ellis GD, Davis CE, **Heiss G**. Frequency of early-morning rise in blood

glucose in children with diabetes at camp. Diabetes Care 1988;11(7):574-8.

Sheps DS, **Heiss G**. Sudden death and silent myocardial ischemia. Am Heart J 1989;117(1):177-184.

The Atherosclerosis Risk in Communities (ARIC) Study: Design and objectives. The ARIC Investigators. Am J Epidemiol 1989;129(4):687-702.

Ekelund L, Suchindran CM, McMahon RP, **Heiss G**, Leon AS, Romhilt DW, Rubenstein CL, Probstfield JL, Ruwittch JF. Coronary heart disease morbidity and mortality in hypercholesterolemic men predicted from an exercise test: The Lipid Research Clinics coronary primary prevention trial. J Am Coll Cardiol 1989;14:556-63.

Heiss G (for the ARIC Steering Committee). The decline of Ischaemic heart disease mortality in the ARIC Study Communities. Int J Epidemiol 1989;18(3) (Suppl 1):S88-S98.

Somervell PD, Kaplan BH, Heiss G, Tyroler HA, Kleinbaum DG, Obrist PA. Psychologic distress as a predictor of mortality. Am J Epidemiol 1989;130(5):1013-1023.

Pekkanen J, Linn S, Heiss G, Suchindran CM, Leon A, Rifkind B, Tyroler HA. Ten-year mortality from cardiovascular disease in relation to cholesterol level among men with and without preexisting cardiovascular disease. N Engl J Med 1990;322:1700-1709.

Craven TE, Ryu JE, Espeland MA, Kahl FR, McKinney WM, Toole JF, McMahan MR, Thompson CJ, Heiss G, Crouse, JR. Evaluation of the associations between carotid artery atherosclerosis and coronary artery stenosis: A case-control study. Circulation 1990;82:1230-1242.

Brenner H, **Heiss G**. The Intraindividual variability of fasting triglyceride - A challenge for further standardization. Eur Heart J 1990;11:1054-1058.

Heiss G, Sharrett AR, Barnes R, Chambless LE, Szklo M, Alzola C, and the ARIC Investigators. Carotid atherosclerosis measured by B-mode ultrasound in populations: Associations with cardiovascular risk factors in the ARIC Study. Am J Epidemiol 1991;134(3):250-256.

Tell GS, Ryu JE, Thompson CJ, Kahl FR, Craven TE, Espeland M, Hagaman AP, **Heiss G**, Crouse JR III. Comparison of hospital and neighborhood controls in a study of coronary artery disease. J Clin Epidemiol 1991;44(10):1097-1104.

Riley WA, Barnes RW, Bond MG, Evans G, Chambless LE, **Heiss G** (For the ARIC Study Group). High-resolution B-mode ultrasound reading methods in the Atherosclerosis Risk in Communities (ARIC) Cohort. J Neuroimaging 1991;1:168-172.

◆ Sorel JE, **Heiss G**, Tyroler HA, Davis WB, Wing SB, Ragland DR. Black-white differences in blood pressure among participants in NHANES II: The contribution of blood lead. Epidemiol 1991;2:348-352.

Folsom AR, Burke GL, Byers CL, Hutchinson RG, **Heiss G**, Flack JM, Jacobs DR, Caan B. Implications of obesity for cardiovascular disease in blacks: The CARDIA and ARIC Studies. Am J Clin Nutr 1991;53:1604S-11S.

Mundt KA, Chambless LE, Burnham CB, **Heiss G**. Measuring ankle systolic blood pressure: Validation of the Dinamap 1846 SX. Angiology 1992;43(7):555-566.

◆ Haertel U, **Heiss G**, Filipiak B, Doering A. Cross-sectional and longitudinal associations between high density lipoprotein cholesterol and women's employment. Am J Epidemiol 1992;135(1):68-78.

Rifai N, **Heiss G**, Doetsch K. Lipoprotein(a) at birth, in blacks and whites. Atherosclerosis 1992;92:123-129.

Ferrario M, Cesana GC, Heiss G, Linn SA, Mocarelli P, Tyroler HA. Demographic and Behavioural correlates of high density lipoprotein cholesterol. An international comparison between northern Italy and the United States. Int J Epidemiol 1992;21(4):665-675.

Wu KK, Folsom AR, **Heiss G**, Davis CE, Conlan MG, Barnes R for the ARIC study investigators. Association of coagulation factors and inhibitors with carotid artery atherosclerosis. Early results of the atherosclerosis risk in communities (ARIC) study. Ann Epidemiol 1992;2:471-480.

Criqui MH, **Heiss G**, Cohn R, Cowan LD, Suchindran CM, Bangdiwala S, Kritchevsky S, Jacobs DR, O'Grady HK, Davis CE. Plasma triglyceride level and mortality from coronary heart disease. N Engl J Med 1993;328(17):1220-5.

Nabulsi AA, Folsom AR, White A, Patsch W, **Heiss G**, Wu KK, Szklo M. Association of hormone-replacement therapy with various cardiovascular risk factors in postmenopausal women. The Atherosclerosis Risk in Communities Study. N Engl J Med 1993;328(15):1069-75.

◆ Schreiner PJ, Morrisett JD, Sharrett AR, Patsch W, Tyroler HA, Wu K, Heiss G. Lipoprotein[a] as a risk factor for preclinical atherosclerosis. Arterioscler Thromb 1993;13(6):826-833.

Chambless LE, McMahon R, Finch A, Sorlie P, Heiss G, Lyles R, Wu KK. ARIC hemostasis study - III. Quality control. Thromb Haemost 1993;70(4):588-594.

Toole JF, Chambless LE, **Heiss G**, Tyroler HA, Paton CC. Prevalence of stroke and transient ischemic attacks in the Atherosclerosis Risk in Communities (ARIC) Study. Ann Epidemiol 1993;3(5):500-503.

Howard G, Sharrett AR, **Heiss G**, Evans GW, Chambless LE, Riley WA, Burke GL, for the ARIC Investigators. Carotid artery Intimal-medial thickness distribution in general populations as evaluated by B-mode ultrasound. Stroke 1993;24(9):1297-1304.

Tell GS, Evans GW, Folsom AR, Shimakawa T, Carpenter MA, Heiss G, for the ARIC Investigators. Dietary fat intake and carotid artery wall thickness: The Atherosclerosis Risk in Communities (ARIC) Study. Am J Epidemiol 1994;139(10):979-89.

◆ Schreiner PJ, Chambless LE, Brown SA, Watson RL, Toole J, **Heiss G**. Lipoprotein[a] as a correlate of stroke and transient ischemic attack prevalence in a biracial cohort: The ARIC Study. Ann Epidemiol 1994;4(5):351-359.

Crouse JR, Goldbourt U, Evans G, Pinsky J, Sharrett AR, Sorlie P, Riley W, **Heiss G**, for the ARIC Investigators. Arterial enlargement in the Atherosclerosis Risk in Communities (ARIC) Cohort. In vivo quantification of carotid arterial enlargement. The ARIC Investigators. Stroke 1994;25(7):1354-9.

Arnett DK, Rautaharju P, Crow R, Folsom AR, Ekelund LG, Hutchinson R, Tyroler HA, **Heiss G**, for the ARIC Investigators. Black-white differences in electrocardiographic left ventricular mass and its

association with blood pressure: The ARIC Study. Accepted in the Am J Cardiol 1994;74(3):247-252.

Howard G, Burke GL, Szklo M, Tell GS, Eckfeldt J, Evans G, **Heiss G**. Active and passive smoking are associated with increased carotid wall thickness. Arch Intern Med 1994;154(11):1277-1282.

◆ Li R, Duncan BB, Metcalf PA, Crouse JR, Sharrett AR, Tyroler HA, Barnes R, **Heiss G**. B-mode-detected carotid artery plaque in a general population. Stroke 1994;25(12):2377-2383.

Howard G, Burke GL, Evans GW, Crouse JR 3rd, Riley W, Arnett D, de Lacy R, **Heiss G**. Relations of Intimal-medial thickness among sites within the carotid artery as evaluated by B-mode ultrasound. ARIC Investigators. Atherosclerosis Risk in Communities. Stroke 1994;25(8):1581-1587.

Sharrett AR, Patsch W, Sorlie PD, **Heiss G**, Bond MG, Davis CE. Associations of lipoprotein cholesterols, apolipoproteins A-I and B, and triglycerides with carotid atherosclerosis and coronary heart disease. The Atherosclerosis Risk in Communities (ARIC) Study. Arterioscler Thromb 1994;14(7):1098-104.

Boerwinkle E, Brown S, Sharrett AR, **Heiss G**, Patsch W. Apolipoprotein E polymorphism influences Postprandial Retinyl Palmitate but not triglyceride concentrations. Am J Hum Genet 1994;54(2):341-360.

Burke GL, Evans GW, Riley WA, Sharrett AR, Howard G, Barnes RW, Rosamond W, Crow RS, Rautaharju PM, **Heiss G**. Arterial wall thickness is associated with prevalent cardiovascular disease in middle-aged adults. The Atherosclerosis Risk in Communities (ARIC) Study. Stroke 1995;26(3):386-391.

Nabulsi AA, Folsom AR, **Heiss G**, Weir SS, Chambless LE, Watson RL, Eckfeldt JH. Fasting hyperinsulinemia and cardiovascular disease risk factors in nondiabetic adults: Stronger associations in lean versus obese subjects. Metabolism 1995;44:914-922.

◆ Liao D, Barnes RW, Chambless LE, Simpson RJ Jr, Sorlie P, **Heiss G**, for the ARIC Investigators. Age, race, and sex differences in autonomic cardiac function measured by spectral analysis of heart rate variability. The ARIC Study. Am J Cardiol 1995;76(12):906-912.

Kritchevsky SB, Shimakawa T, Tell GS, Dennis B, Carpenter M, Eckfeldt JH, Peacher-Ryan H, **Heiss G**. Dietary antioxidants and carotid artery wall thickness: The ARIC Study. Circulation 1995;92:2142-2150.

Sharrett AR, Chambless LE, **Heiss G**, Paton CC, Patsch W. Association of Postprandial triglyceride and Retinyl Palmitate responses with asymptomatic carotid artery atherosclerosis in middle-aged men and women. Arterioscler Thromb Vasc Biol 1995;15(12):2122-2129.

◆ Liao, D, Cai J, Brancati FL, Folsom A, Barnes RW, Tyroler HA, **Heiss G**. Association of Vagal tone with serum insulin, glucose, and diabetes mellitus - The ARIC Study. Diabetes Res Clin Pract 1995;30(3):211-221.

Ghaddar HB, Cortes J, Salomaa V, Kark JD, Davis CE, Folsom AR, **Heiss G**, Stinson V, Wu KK. Correlation of specific platelet activation markers with carotid arterial wall thickness. Thromb Haemost 1995;74(3):943-948.

Tracy RP, Bovill EG, Yanez D, Psaty BM, Fried LP, **Heiss G**, Lee M, Polak JF, Savage PJ. Fibrinogen and factor VIII, but not factor VII, are associated with measures of subclinical cardiovascular disease in the elderly. Results From The Cardiovascular Health Study. Arterioscler Thromb Vasc Biol 1995;15(9):1269-1279.

Liao D, Cai J, Barnes RW, Tyroler HA, Rautaharju P, Holme I, **Heiss G**. Association of cardiac autonomic function and the development of hypertension: The ARIC Study. Am J Hypertens 1996;9(12 Pt 1):1147-56.

Beck J, Garcia R, **Heiss G**, Vokonas PS, Offenbacher S. Periodontal disease and cardiovascular disease. J Periodontol 1996;67(10 Suppl):1123-1137.

Cushman M, Yanez D, Pasty BM, Fried LP, **Heiss G**, Lee M, Polak JF, Savage PJ, Tracy RP. Association of fibrinogen and coagulation factors VII and VIII with cardiovascular risk factors in the elderly: The Cardiovascular Health Study. Cardiovascular Health Study Investigators. Am J Epidemiol 1996;143(7):665-676.

Bovill EG, Bild DE, **Heiss G**, Kuller LH, Lee MH, Rock R, Wahl PW. White blood cell counts in persons aged 65 years or more from the Cardiovascular Health Study. Correlations with baseline clinical and demographic characteristics. Am J Epidemiol 1996;143(11):1107-1115.

◆ Schreiner PJ, **Heiss G**, Tyroler HA, Morrisett JD, Davis CE, Smith R. Race and gender differences in the association of LP(a) with carotid artery wall thickness. The Atherosclerosis Risk in Communities (ARIC) Study. Arterioscler Thromb Vasc Biol 1996;16(3):471-478.

◆ Liao D, Evans GW, Chambless LE, Barnes RW, Sorlie P, Simpson RJ, **Heiss G**. Population-based study of heart rate variability and prevalent myocardial infarction. The Atherosclerosis Risk in Communities Study. J Electrocardiol 1996;29(3):189-198.

Schreiner PJ, Terry JG, Evans GW, Hinson WH, Crouse JR, **Heiss G**. Sex-specific associations of magnetic resonance imaging-derived Intra-abdominal and subcutaneous fat areas with conventional anthropometric indices. Am J Epidemiol 1996;144(4):335-345.

Shahar E, Folsom AR, Romm FJ, Bisgard KM, Metcalf PA, Crum L, McGovern PG, Hutchinson RG, **Heiss G**. Patterns of aspirin use in middle-aged adults: The Atherosclerosis Risk In Communities (ARIC) Study. Am Heart J 1996;131(5):915-922.

Higgins M, Province M, **Heiss G**, Eckfeldt J, Ellison RC, Folsom AR, Rao DC, Sprafka M, Williams R. NHLBI Family Heart Study: Objectives and design. Am J Epidemiol 1996;143(12):1219-1228

Schmidt MI, Duncan BB, Watson RL, Sharrett AR, Brancati FL, **Heiss G**. A metabolic syndrome in Whites and African-Americans. The Atherosclerosis Risk in Communities Baseline Study. Diabetes Care 1996;19(5):414-418

Li R, Cai Jianwen, Tegeler C, Sorlie P, Metcalf PA, **Heiss G**. Reproducibility of Extracranial carotid atherosclerotic lesions assessed by B-mode ultrasound: The Atherosclerosis Risk in Communities Study. Ultrasound Med Biol 1996;22(7):791-799.

Schmidt MI, Watson RL, Duncan BB, Metcalf P, Brancati FL, Sharrett AR, Davis CE, **Heiss G**. Clustering of dyslipidemia, hyperuricemia, diabetes, and hypertension and its association with fasting insulin and central and overall obesity in a general population. Metabolism 1996;45(6) 699-706.

Liao D, Barnes RW, Chambless LE, **Heiss G**. A computer algorithm to impute interrupted heart rate data for the spectral analysis of heart rate variability - The ARIC Study. Comput Biomed Res 1996;29(2):140-151.

Chambless LE, Zhong MM, Arnett D, Folsom AR, Riley WA, **Heiss G**. Variability in B-mode ultrasound measurements in the Atherosclerosis Risk in Communities (ARIC) Study. Ultrasound Med Biol 1996;22(5):545-554.

Crouse JR, Goldbourt U, Evans G, Pinsky J, Sharrett AR, Sorlie P, Riley W, **Heiss G**. Risk factors and segment-specific carotid arterial enlargement in the Atherosclerosis Risk in Communities (ARIC) Cohort. Stroke 1996;27(1):69-75.

Nabulsi AA, Folsom AR, Szklo M, White A, Higgins M, **Heiss G**. No association of menopause and hormone replacement therapy with carotid artery intima-media thickness. Circulation 1996;94(8):857-1863

Arnett DK, Tyroler HA, Burke G, Hutchinson R, Howard G, **Heiss G**. Hypertension and subclinical carotid artery atherosclerosis in blacks and whites. Arch Intern Med 1996;156(17):1983-1989.

Toole JF, Lefkowitz DS, Chambless LE, Wijnberg L, Paton CC, **Heiss G**. Self-reported transient ischemic attack and stroke symptoms: Methods and baseline prevalence. The ARIC Study, 1987-1989. Am J Epidemiol 1996;144(9):849-856.

Chambless LE, Shahar E, Sharrett AR, **Heiss G**, Wijnberg L, Paton CC, Sorlie P, Toole JF. Association of transient ischemic attack/stroke symptoms assessed by standardized questionnaire and algorithm and cerebrovascular risk factors and carotid artery wall thickness. Am J Epidemiol 1996;144(9):857-866.

Duncan BB, Metcalf P, Crouse JR 3rd, Li R, Sharrett AR, Tegeler C, Tyroler HA, **Heiss G**. Risk factors differ for carotid artery plaque with and without acoustic shadowing. Atherosclerosis Risk in Communities Study Investigators. J Neuroimaging 1997;7(1):28-34.1

Liao D, Myers R, Hunt S, Shahar E, Paton C, Burke G, Province M, **Heiss G**. Familial history of stroke and stroke risk. The Family Heart Study. Stroke 1997;28(10):1908-1912.

◆ Liese AD, Mayer-Davis EJ, Tyroler HA, Davis CE, Keil U, Schmidt MI, Brancati FL, **Heiss G**. Familial components of the multiple metabolic syndrome: the ARIC study. Diabetologia 1997;40(8):963-70.

◆ Liese AD, Mayer-Davis EJ, Tyroler HA, Davis CE, Keil U, Duncan BB, **Heiss G**. Development of the multiple metabolic syndrome in the ARIC cohort: Joint contribution of insulin, BMI, and WHR. Ann Epidemiol 1997;7(6):407-416.

Chambless LE, **Heiss G**, Folsom AR, Rosamond W, Szklo M, Sharrett AR, Clegg LX. Association of coronary heart disease incidence with carotid arterial wall thickness and major risk factors: The Atherosclerosis Risk in Communities (ARIC) Study, 1987-1993. Am J Epidemiol 1997;146(6):483-94.

◆ Zheng ZJ, Sharrett AR, Chambless LE, Rosamond WD, Nieto FJ, Sheps DS, Dobs A, Evans GW, **Heiss G**. Associations of ankle-brachial index with clinical coronary heart disease, stroke and

preclinical carotid and popliteal atherosclerosis: The Atherosclerosis Risk in Communities (ARIC) Study. Atherosclerosis 1997;131(1):115-25.

Liao D, Cooper L, Cai J, Toole J, Bryan N, Burke G, Shahar E, Nieto J, Mosley T, **Heiss G**. The prevalence and severity of white matter lesions, their relationship with age, ethnicity, gender, and cardiovascular disease risk factors: The ARIC Study. Neuroepidemiology 1997;16(3):149-162.

Borecki IB, Province MA, Ludwig EH, Ellison RC, Folsom AR, **Heiss G**, Lalouel JM, Higgins M, Rao DC. Associations of candidate loci angiotensinogen and angiotensin-converting enzyme with severe hypertension: The NHLBI Family Heart Study. Ann Epidemiol 1997;7(1):13-21.

Liao D, Cai J, Rosamond WD, Barnes RW, Hutchinson RG, Whitset EA, Rautaharju P, **Heiss G**. Cardiac autonomic function and incident coronary heart disease: A population-based case-cohort study. The ARIC Study. Atherosclerosis Risk in Communities Study. Am J Epidemiol 1997;145(8):696-706.

Pankow JS, Folsom, AR, Province MA, Rao DC, Eckfeldt J, **Heiss G**, Shahar E, Wu KK. Family history of coronary heart disease and hemostatic variables in middle-aged adults. Atherosclerosis Risk in Communities Investigators and Family Heart Study Research Group. Thromb Haemost 1997;77(1):87-93.

Ludwig EH, Borecki IB, Ellison RC, Folsom AR, **Heiss G**, Higgins M, Lalouel JM, Province MA, Rao DC. Associations between candidate loci angiotensin-converting enzyme and angiotensinogen with coronary heart disease and myocardial infarction: The NHLBI Family Heart Study. Ann Epidemiol 1997;7(1):3-12.

Vitelli LL, Shahar E, **Heiss G**, McGovern PG, Brancati FL, Eckfeldt JH, Folsom AR. Glycosylated hemoglobin level and carotid Intimal-medial thickening in non-diabetic individuals: The Atherosclerosis Risk in Communities (ARIC) Study. Diabetes Care 1997;20(9):1454-1458.

Cerhan JR, Folsom AR, Mortimer JA, Shahar E, Knopman DS, McGovern PG, Hays MA, Crum LD, **Heiss G**. Correlates of cognitive function in middle-aged adults. Gerontology 1998;44:95-105.

Metcalf PA, Stevens J, Shimakawa T, Hutchinson RG, Schmidt M, Dennis BH, Davis CE, **Heiss G**. Comparison of diets of NIDDM and non-diabetic African Americans and Whites: The Atherosclerosis Risk in Communities Study. Nutr Res 1998;18(3):447-456.

Kritchevsky SB, Tell GS, Shimakawa T, Dennis B, Li R, Kohlmeier L, Steere E, **Heiss G**. Provitamin A carotenoid intake and carotid artery plaques: the ARIC Study. Am J Clin Nutr 1998;68:726-33.

Rosamond WD, Chambless LE, Folsom AR, Cooper LS, Conwill DE, Clegg L, Wang C, **Heiss, G**. Trends in the incidence of myocardial infarction and In mortality due to coronary heart disease, 1987 to 1994. N Engl J Med 1998;339:861-867.

Liao D, Sloan RP, Cascio WE, Folsom AR, Liese AD, Evans GW, **Heiss G**, Cai J, Sharrett AR. Multiple metabolic syndrome Is associated with lower heart rate variability. Diabetes Care 1998;21:2116-2122.

Arnett DK, Borecki IB, Ludwig EH, Pankow JS, Myers R, Evans G, Folsom AR, **Heiss G**, and Higgins M. Angiotensinogen and angiotensin converting enzyme genotypes and carotid atherosclerosis: The Atherosclerosis Risk in Communities and the NHLBI family heart studies.

Atherosclerosis 1998;138(1):111-6.

Sorlie PD, Sharrett AR, Patsch W, Schreiner PJ, Davis CE, **Heiss G**, Hutchinson R. The relationship between lipids/lipoproteins and atherosclerosis in African Americans and whites: The Atherosclerosis Risk in Communities Study. Ann Epidemiol 1999;9:149-158

Duncan BB, Schmidt MI, Offenbacher S, Wu KK, Savage PJ, **Heiss G**. Factor VIII and other hemostasis variables are related to incident diabetes in adults. Diabetes Care 1999;22:767-72.

Sharrett AR, Sorlie PD, Chambless LE, Folsom AR, Hutchinson RG, **Heiss G**, Szklo M. Relative importance of various risk factors for asymptomatic carotid atherosclerosis versus coronary heart disease incidence: The Atherosclerosis Risk in Communities Study. Am J Epidemiol 1999;149:843-52.

◆ Carpenter MA, Tockman MS, Hutchinson RG, Davis CE, **Heiss G**. Demographic and anthropometric correlates of maximum inspiratory pressure: The Atherosclerosis Risk in Communities Study. Am J Respir Crit Care Med 1999;159:415-22.

Schmidt MI, Duncan BB, Sharrett AR, Lindberg G, Savage PJ, Offenbacher S, Azambuja MI, Tracy RP, **Heiss G**. Markers of inflammation and prediction of diabetes mellitus in adults (Atherosclerosis Risk in Communities Study): a cohort study. Lancet 1999;353:1649-52.

◆ Nardo CJ, Chambless LE, Light KC, Rosamond WD, Sharrett AR, Tell GS, **Heiss G**. Descriptive epidemiology of blood pressure response to change in body position. Hypertension 1999;33:1123-1129.

Liao D, Arnett DK, Tyroler HA, Riley WA, Chambless LE, Szklo M, **Heiss G**. Arterial stiffness and the development of hypertension: The ARIC Study. Hypertension 1999;34:201-206.

Liao D, Higgins M, Byran NR, Eigenbrodt ML, Chambless LE, Lamar V, Burke GL, **Heiss G**. Lower pulmonary function and cerebral subclinical abnormalities detected by MRI* The Atherosclerosis Risk in Communities Study. Chest 1999;116:150-156.

◆ Liese AD, Mayer-Davis EJ, Chambless LE, Folsom AR, Sharrett AR, Brancati FL, and **Heiss G**. Elevated fasting insulin predicts incident hypertension: The ARIC Study. Atherosclerosis Risk in Communities Study Investigators. J Hypertens 1999;17(8):1169-77.

Folsom AR, Rasmussen ML, Chambless LE, Howard G, Cooper LS, Schmidt MI, and **Heiss G**. Prospective associations of fasting insulin, body fat distribution, and diabetes with risk of ischemic stroke. The Atherosclerosis Risk in Communities (ARIC) Study Investigators. Diabetes Care 1999;22(7):1077-83.

Coon H, Leppert MF, Kronenberg F, Province MA, Myers RH, Arnett D, Eckfeldt JH, **Heiss G**, Williams RR, Hunt SC. Evidence for a major gene accounting for mild elevation in LDL cholesterol: the NHLBI Family Heart Study. Ann Hum Genet 1999;63:401-12.

Clark R, Tyroler HA, **Heiss G**. Orthostatic blood pressure responses as a function of ethnicity and socioeconomic status: the ARIC Study. Ann N Y Acad Sci 1999;896:316-7.

Arnett DK, Williams R, Folsom AR, Rao DC, **Heiss G** and the ARIC investigators. Dyslipidemic hypertension as a screening tool for excess familial risk of coronary heart disease: the atherosclerosis risk in communities (ARIC) study. CVD Prev 1999;2:180-186.

Metcalfe PA, Folsom AR, Davis CE, Wu KK, **Heiss G**. Haemostasis and carotid artery wall thickness in non-insulin dependent diabetes mellitus. Diabetes Res Clin Pract 2000;47:25-35.

◆ Li R, Boerwinkle E, Olshan A, Chambless LE, Pankow J, Tyroler HA, Bray M, Pittman GS, Bell DA, **Heiss G**. Glutathione S-transferase genotype as a susceptibility factor in smoking-related coronary heart disease. Atherosclerosis 2000;149:451-462.

◆ Nelson JJ, Liao D, Sharrett AR, Folsom AR, Chambless LE, Sharhar E, Szklo M, Eckfeldt J, and **Heiss G**. Serum albumin as a predictor of incident coronary heart disease: The Atherosclerosis Risk in Communities (ARIC) Study. Am J Epidemiol 2000;151:468-477.

Rose KM, Arnett DK, Ellison RC, **Heiss G**. Skip patterns in DINAMAP™ measured blood pressure in three epidemiologic studies. Hypertension 2000;35:1032-1036.

Arnett DK, Boland LL, Evans GW, Riley W, Barnes R, Tyroler HA, **Heiss G**, and the ARIC Investigators. Hypertension and arterial stiffness: The Atherosclerosis Risk in Communities Study. Am J Hypertens 2000;13:317-323.

Kalsbeek W and **Heiss G**. Building bridges between populations and samples in epidemiological studies. Annu Rev Public Health 2000;21:147-69.

Salomaa V, Pankow J, **Heiss G**, Cakir B, Eckfeldt JH, Ellison RC, Myers RH, Hiller KM, Brantley KR, Morris TL, and Weston BW. Genetic background of Lewis negative blood group phenotype and its association with atherosclerotic disease in the NHLBI Family Heart Study. J Intern Med 2000;247:689-698.

Loughrey CM, Rimm E, **Heiss G**, and Rifai N. Race and gender differences in cord blood lipoproteins. Atherosclerosis 2000;148:57-65.

Duncan BB, Schmidt MI, Chambless LE, Folsom AR, Carpenter M, and **Heiss G** for the ARIC Investigators. Fibrinogen, other putative markers of inflammation, and weight gain in middle-aged adults – The ARIC Study. Obes Res 2000;8(4):279-286.

Slade GD, Offenbacher S, Beck JD, **Heiss G**, Pankow JS. Acute-phase inflammatory response to periodontal disease in the US population. J Dent Res 2000;79(1):49-57.

Williams RR, Rao DC, Ellison RC, Arnett DK, **Heiss G**, Oberman A, Eckfeldt JH, Leppert MF, Province MA, Mockrin SC, and Hunt SC for the HyperGEN Investigators. NHLBI Family Blood Pressure Program: Methodology and recruitment in the HyperGEN network. Ann Epidemiol 2000;10(6):389-400.

◆ Hunt KJ, **Heiss G**, Sholinsky PD, Province MA, and the FHS Investigators. Familial history of metabolic disorders and the multiple metabolic syndrome: the NHLBI Family Heart Study. Genet Epidemiol 2000;19:395-409.

◆ Simpson RJ Jr, Cascio WE, Crow RS, Schreiner PJ, Rautaharju PM, **Heiss G**. Association of ventricular premature complexes with electrocardiographic-estimated left ventricular mass in a population of African-American and white men and women (the ARIC study). Am J Cardiol 2001;87:49-53.

Sharrett AR, **Heiss G**, Chambless LE, Boerwinkle E, Coady SA, Folsom AR, Patsch W. Metabolic and lifestyle determinants of postprandial lipemia differ from those of fasting triglycerides. The Atherosclerosis Risk in Communities (ARIC) Study. Arterioscler Thromb Vasc Biol 2001;21:275-281.

◆ Hunt KJ, Evans GW, Folsom AR, Sharrett AR, Chambless LE, Tegeler CH, **Heiss G**. Acoustic shadowing on B-mode ultrasound of the carotid artery predicts ischemic stroke: the atherosclerosis risk in communities (ARIC) study. Stroke 2001; 32:1120-1126.

Fuchs FD, Chambless LE, Whelton PK, Nieto FJ, **Heiss G**. Alcohol consumption and the incidence of hypertension. The Atherosclerosis Risk in Communities (ARIC) Study. Hypertension 2001;37:1242-1250.

Hunt SC, Kronenberg F, Eckfeldt JH, Hopkins PN, Myers RH, **Heiss G**. Association of plasma bilirubin with coronary heart disease and segregation of bilirubin as a major gene trait: the NHLBI family heart study. Atherosclerosis 2001;154:747-754.

Peacock, James M., Arnett, Donna K., Atwood, Larry D., Myers, Richard H., Coon, Hillary, Rich, Stephen S., Province, Michael A., **Heiss, Gerardo**. Genome Scan for Quantitative Trait Loci Linked to High-Density Lipoprotein Cholesterol- The NHLBI Family Heart Study. Arterioscler Thromb Vasc Biol 2001; 21: 1823-1828.

The FBPP Investigators. A multi-center genetic study of hypertension: The Family Blood Pressure Program. Hypertension 2002; 39 (1): 3-9.

Coady SA, Sharrett AR, Zheng ZJ, Evans GW, **Heiss G**. Vasectomy, inflammation, atherosclerosis and long-term follow-up for cardiovascular diseases: No associations in the ARIC Study. J Urol 2002; 167: 204-207.

◆ Carnethon MR, Liao, D, Evans GW, Cascio WE, Chambless LE, Rosamond WD, Tyroler HA, **Heiss G**. Does the Cardiac Autonomic Response to Postural Change Predict Incident Coronary Heart Disease and Mortality? The Atherosclerosis Risk in Communities Study. Am J Epidemiol 2002; 155: 48-56.

◆ Hunt KJ, Pankow JS, Offenbacher S, Kritchevsky SB, Duncan BB, Sharrett AR, **Heiss G**. B-Mode ultrasound-detected carotid artery lesions with and without acoustic shadowing and their association with markers of inflammation and endothelial activation: the atherosclerosis risk in communities study. Atherosclerosis 2002; 162: 145-155.

◆ Carnethon MR, Liao D, Evans GW, Cascio, WE, Rautaharju P, Crow R, Chambless LE, **Heiss G**. Population Correlates of the Shift in Autonomic Balance with an Active Postural Change, Measured by Heart Rate Variability—The ARIC Study. Am Heart J 2002; 143 (5): 808-13.

Schreiner PJ, Wu KK, Malinow MR, Stinson VL, Szklo M, Nieto FJ, **Heiss G**. Hyperhomocyst(e)inemia and Hemostatic Factors: The Atherosclerosis Risk in Communities Study. Ann Epidemiol 2002; 12: 228-236.

Coon H, Leppert MF, Eckfeldt JH, Oberman A, Myers RH, Peacock JM, Province MA, Hopkins PN, **Heiss G**. Genome-wide linkage analysis of lipids in the Hypertension Genetic Epidemiology Network (HyperGEN) Blood Pressure Study. Arterioscler Thromb Vasc Biol 2001; 21: 1969- 1976.

Simpson RJ, Cascio WE, Schreiner PJ, Crow RS, Rautaharju PM, **Heiss G**. Prevalence of premature ventricular contractions in a population of African American and white men and women: The Atherosclerosis Risk in Communities (ARIC) Study. Am Heart J 2002; 143 (3):535-540.

Cakir B, Pankow JS, Salomaa V, Couper D, Morris TL, Brantley KR, Hiller KM, **Heiss G**, Weston BW. Distribution of *Lewis (FUT3)* genotype and allele: frequencies in a biethnic United States population. Ann Hematol 2002; 81 (10): 558-565.

Jones DW, Chambless LE, Folsom AR, **Heiss G**, Hutchinson RG, Sharrett AR, Szklo M, Taylor HA. Risk factors for coronary heart disease in African Americans. Arch Intern Med 2002; 162: 2565-2571.

Rose KM, Holme I, Light KC, Sharrett AR, Tyroler HA, **Heiss G**. Association between the blood pressure response to a change in posture and the 6-year incidence of hypertension: prospective findings from the ARIC study. J Human Hyper 2002; 6: 771-777.

Chambless LE, Folsom AR, Davis V, Sharrett R, **Heiss G**, Sorlie P, Szklo M, Howard G, Evans GW. Risk factors for progression of common carotid atherosclerosis: The Atherosclerosis Risk in Communities Study, 1987-1998. Am J Epidemiol 2002; 155 (1): 38-47.

Liao D, Carnethon M, Evans GW, Cascio WE, **Heiss G**. Lower heart rate variability is associated with the development of coronary heart disease in individuals with diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. Diabetes 2002; 51: 3524-3531.

Coon H, Eckfeldt JH, Leppert MF, Myers RH, Arnett DK, **Heiss G**, Province MA, Hunt SC. A genome-wide screen reveals evidence for a locus on chromosome 11 influencing variation in LDL cholesterol in the NHLBI Family Heart Study. Hum Genet. 2002 Sep;111(3):263-9.

Rao DC, Province MA, Leppert MF, Oberman A, **Heiss G**, Ellison RC, Arnett DK, Eckfeldt JH, Schwander K, Mockrin SC, Hunt SC. A genome-wide affected sibpair linkage analysis of hypertension: The HyperGEN Network. Amer J Hyper 2003; 16: 148-150.

Writing Group for the Women's Health Initiative Investigators. Risks and Benefits of Estrogen Plus Progestin in Healthy Postmenopausal Women. JAMA 2002;288:321-333

Wassertheil-Smoller S, Hendrix S, Limacher M, **Heiss G**, Kooperberg C, Baird A, Kotchen T, Curb JD, Black H, Rossouw J, Aragaki A, Safford M, Stein E, Laowattana S, Mysiw WJ. Effect of Estrogen Plus Progestin on Stroke in Postmenopausal Women: The Women's Health Initiative: A Randomized Trial. JAMA. 2003;289:2673-2684.

Slade GD, Ghezzi EM, **Heiss G**, Beck JD, Riche E, Offenbacher S. Relationship between periodontal disease and C-reactive protein among adults in the atherosclerosis risk in communities study. Arch Intern Med. 2003 May 26;163(10):1172-9.

Freedman BI, Beck SR, Rich SS, **Heiss G**, Lewis CE, Turner S, Province MA, Schwander KL, Arnett DK, Mellen BG; HyperGEN Investigators. A genome-wide scan for urinary albumin excretion in hypertensive families. Hypertension. 2003;42:291-6.

◆ Carnethon MR, Anthony MS, Cascio WE, Folsom AR, Rautaharju PM, Liao D, Evans GW, **Heiss G**. Prospective association between hormone replacement therapy, heart rate, and heart rate variability. The Atherosclerosis Risk in Communities Study. J Clin Epidemiol. 2003;56:565-71.

Hopkins PN, **Heiss G**, Ellison RC, Province MA, Pankow JS, Eckfeldt JH, Hunt SC. Coronary artery disease risk in familial combined hyperlipidemia and familial hypertriglyceridemia: a case-control comparison from the National Heart, Lung, and Blood Institute Family Heart Study. Circulation. 2003;108:519-23.

Duncan BB, Schmidt MI, Pankow JS, Ballantyne CM, Couper D, Vigo A, Hoogeveen R, Folsom AR, **Heiss G**; Atherosclerosis Risk in Communities Study. Low-grade systemic inflammation and the development of type 2 diabetes: the Atherosclerosis Risk in Communities study. Diabetes. 2003;52:1799-805.

◆ Carnethon MR, Anthony MS, Cascio WE, Folsom AR, Rautaharju PM, Liao D, Evans GW, **Heiss G**. A prospective evaluation of the risk of QT prolongation with hormone replacement therapy: the atherosclerosis risk in communities study. Ann Epidemiol. 2003 Aug;530-6

Miller EA, Pankow JS, Millikan RC, Bray MS, Ballantyne CM, Bell DA, **Heiss G**, Li R. Glutathione-S-transferase genotypes, smoking, and their association with markers of inflammation, hemostasis, and endothelial function: the Atherosclerosis Risk in Communities (ARIC) study. Atherosclerosis. 2003;171:265-72.

Duncan BB, Schmidt MI, Chambless LE, Folsom AR, **Heiss G**, for the Atherosclerosis Risk in Communities Study Investigators. Inflammation markers predict increased weight gain in smoking quitters. Obes Res. 2003;11:1339-44.

◆ Schroeder EB, Liao D, Chambless LE, Prineas RJ, Evans GW, **Heiss G**. Hypertension, Blood Pressure, and Heart Rate Variability: The Atherosclerosis Risk in Communities (ARIC) Study. Hypertension. 2003;42:1106-1111

◆ Schroeder EB, Welch VL, Couper D, Nieto FJ, Liao D, Rosamond WD, **Heiss G**. Lung function and incident coronary heart disease: the atherosclerosis risk in communities study. Am J Epidemiol. 2003;158:1171-81.

◆ Cakir B, **Heiss G**, Pankow JS, Salomaa V, Sharrett AR, Couper D, Weston BW. Association of the Lewis genotype with cardiovascular risk factors and subclinical carotid atherosclerosis: the Atherosclerosis Risk in Communities (ARIC) study. J Intern Med. 2004 Jan;255(1):40-51.

Sharrett RA, Coady SA, Folsom AR, Couper DJ, **Heiss G**; ARIC Study. Smoking and diabetes differ in their associations with subclinical atherosclerosis and coronary heart disease-the ARIC Study. Atherosclerosis. 2004 Jan;172(1):143-9.

Ballantyne CM, Hoogeveen RC, Bang H, Coresh J, Folsom AR, **Heiss G**, Sharrett AR. Lipoprotein-associated phospholipase A2, high-sensitivity C-reactive protein, and risk for incident coronary heart disease in middle-aged men and women in the Atherosclerosis Risk in Communities (ARIC) study. Circulation. 2004 Feb 24;109(7):837-42. Epub 2004 Feb 02.

Liao D, Duan Y, Whitsel EA, Zheng ZJ, **Heiss G**, Chinchilli VM, Lin HM. Association of higher levels of ambient criteria pollutants with impaired cardiac autonomic control: a population-based study. Am J Epidemiol. 2004 Apr 15;159(8):768-77.

Rautaharju PM, Zhang ZM, Prineas R, **Heiss G**. Assessment of prolonged QT and JT intervals in ventricular conduction defects. Am J Cardiol. 2004 Apr 15;93(8):1017-21.

Anderson GL, Limacher M, Assaf AR, Bassford T, Beresford SA, Black H, Bonds D, Brunner R, Brzyski R, Caan B, Chlebowski R, Curb D, Gass M, Hays J, **Heiss G**, Hendrix S, Howard BV, Hsia J, Hubbell A, Jackson R, Johnson KC, Judd H, Kotchen JM, Kuller L, LaCroix AZ, Lane D, Langer RD, Lasser N, Lewis CE, Manson J, Margolis K, Ockene J, O'Sullivan MJ, Phillips L, Prentice RL, Ritenbaugh C, Robbins J, Rossouw JE, Sarto G, Stefanick ML, Van Horn L, Wactawski-Wende J, Wallace R, Wassertheil-Smoller S. Women's Health Initiative Steering Committee. Effects of conjugated equine estrogen in postmenopausal women with hysterectomy: the Women's Health Initiative randomized controlled trial. *JAMA*. 2004 Apr 14;291(14):1701-12.

Pankow JS, **Heiss G**, Evans GW, Sholinsky P, Province MA, Coon H, Ellison RC, Miller MB, Qaqish B. Familial Aggregation and Genome-Wide Linkage Analysis of Carotid Artery Plaque: The NHLBI Family Heart Study. *Hum Hered*. 2004;57(2):80-9.

Chambless LE, **Heiss G**, Shahar E, Earp MJ, Toole J. Prediction of ischemic stroke risk in the atherosclerosis risk in communities study. *Am J Epidemiol*. 2004 Aug 1;160(3):259-69.

◆ Schroeder EB, Whitsel EA, Evans GW, Prineas, RJ, Chambless LE, **Heiss G**. Repeatability of heart rate variability measures. *J Electrocardiology* 2004;37(3): 163-172

Wattanakit T, Folsom AR, Chambless LE, Nieto FJ, **Heiss G**. Risk factors for cardiovascular event recurrence in the Atherosclerosis Risk in Communities Study. 2004. Accepted for publication: *American Heart Journal*, 2004

Duncan BB, Schmidt MI, Pankow JS, Bang H, Couper D, Ballantyne CM, Hoogeveen RC, **Heiss G**. Adiponectin and the development of type 2 diabetes: the atherosclerosis risk in communities study. *Diabetes*. 2004;53(9):2473-8

Wong TY, Coresh J, Klein R, Muntner P, Couper DJ, Sharrett AR, Klein BE, **Heiss G**, Hubbard LD, Duncan BB. Retinal microvascular abnormalities and renal dysfunction: the atherosclerosis risk in communities study. *J Am Soc Nephrol*. 2004;15(9):2469-76

Wilk JB, Djousse L, Arnett DK, Hunt SC, Province MA, **Heiss G**, Myers RH. Genome-wide linkage analyses for age at diagnosis of hypertension and early-onset hypertension in the HyperGEN study. *Am J Hypertens*. 2004;17(9):839-44

Liao D, **Heiss G**, Chinchilli VM, Duan Y, Folsom AR, Lin HM, Salomaa V. Association of criteria pollutants with plasma hemostatic/inflammatory markers: a population-based study. *J Expo Anal Environ Epidemiol*. 2004 Nov 10; [Epub ahead of print]

Whitsel EA, Rose KM, Wood JL, Henley AC, Liao D, **Heiss G**. Accuracy and repeatability of commercial geocoding. *Am J Epidemiol*. 2004;160(10):1023-9

McNeill AM, Rosamond WD, Girman CJ, **Heiss G**, Golden SH, Duncan BB, East HE, Ballantyne C. Prevalence of coronary heart disease and carotid arterial thickening in patients with the metabolic syndrome (The ARIC Study). *Am J Cardiol*. 2004;94(10):1249-54

Rose KM, Wood JL, Knowles S, Pollitt R, Whitsel EA, Diez Roux AV, Yoon D, **Heiss G**. Historical measures of social context in life course studies: retrospective linkage of addresses to decennial censuses. *Int J Health Geogr*. 2004;3(1):27

Avery CL, Freedman BI, **Heiss G**, Kraja A, Rice T, Arnett D, Miller MB, Pankow JS, Lewis CE, Myers RH, Hunt SC, Almasy L, North KE. Linkage analysis of diabetes status among hypertensive families: the hypertension genetic epidemiology network study. *Diabetes*. 2004;53(12):3307-12

◆ Vaidean GD, Rautaharju PM, Prineas RJ, Whitsel EA, Chambless LE, Folsom AR, Rosamond WD, Zhang ZM, Crow RS, **Heiss G**. The association of spatial T wave axis deviation with incident coronary events. *The ARIC cohort. BMC Cardiovascular Disorders* 2005, 5:2

McNeill AM, Rosamond WD, Girman CJ, Golden SH, Schmidt MI, East HE, Ballantyne CM, **Heiss G**. The metabolic syndrome and 11-year risk of incident cardiovascular disease in the atherosclerosis risk in communities study. *Diabetes Care*. 2005;28(2):385-90.

Kraja AT, Hunt SC, Pankow JS, Myers RH, Heiss G, Lewis CE, Rao DC, Province MA. An evaluation of the metabolic syndrome in the HyperGEN study. *Nutr Metab (Lond)*. 2005 2(1):2

◆ Schroeder EB, Chambless LE, Liao D, Prineas RJ, Evans GW, Rosamond WD, **Heiss G**. Diabetes, glucose, insulin, and heart rate variability: the Atherosclerosis Risk in Communities (ARIC) study. *Diabetes Care*. 2005;28:668-74.

North KE, Miller MB, Coon H, Martin LJ, Peacock JM, Arnett D, Zhang B, Province M, Oberman A, Blangero J, Almasy L, Ellison RC, **Heiss G**. Evidence for a gene influencing fasting LDL cholesterol and triglyceride levels on chromosome 21q. *Atherosclerosis*. 2005;179:119-25.

Freedman BI, Rich SS, Sale MM, **Heiss G**, Djousse L, Pankow JS, Province MA, Rao DC, Lewis CE, Chen YD, Beck SR; on behalf of the HyperGEN Investigators. Genome-wide scans for heritability of fasting serum insulin and glucose concentrations in hypertensive families. *Dabetologia*. 2005;48(4):661-8.

◆ Vaidean GD, Schroeder EB, Whitsel EA, Prineas RJ, Chambless LE, Perhac SJ, **Heiss G**, Rautaharju PM. Short-term repeatability of electrocardiographic spatial T-wave axis and QT interval. *Journal of Electrocardiology* 2005;38:19-147

Beck JD, Eke P, Lin D, Madianos P, Couper D, Moss K, Elter J, **Heiss G**, Offenbacher S. Associations between IgG antibody to oral organisms and carotid intima-medial thickness in community-dwelling adults. *Atherosclerosis*. 2005 May 10; [Epub ahead of print]

Pankow JS, Dunn DM, Hunt SC, Leppert MF, Miller MB, Rao DC, **Heiss G**, Oberman A, Lalouel JM, Weiss RB. Further evidence of a quantitative trait locus on chromosome 18 influencing postural change in systolic blood pressure: the Hypertension Genetic Epidemiology Network (HyperGEN) Study. *Am J Hypertens*. 2005 May;18(5 Pt 1):672-8.

◆ Schroeder EB, Welch VL, Evans GW, **Heiss G**. Impaired lung function and subclinical atherosclerosis The ARIC Study. *Atherosclerosis*. 2005 Jun;180(2):367-73.

Beck JD, Eke P, **Heiss G**, Madianos P, Couper D, Lin D, Moss K, Elter J, Offenbacher S. Periodontal disease and coronary heart disease: a reappraisal of the exposure. *Circulation*. 2005 Jul 5;112(1):19-24. Epub 2005 Jun 27.

Wu J, Kraja AT, Oberman A, Lewis CE, Ellison RC, Arnett DK, **Heiss G**, Lalouel JM, Turner ST, Hunt SC, Province MA, Rao DC. A summary of the effects of antihypertensive medications on measured blood pressure. *Am J Hypertens*. 2005 Jul;18(7):935-42.

Fornage M, Lee CR, Doris PA, Bray MS, **Heiss G**, Zeldin DC, Boerwinkle E. The soluble epoxide hydrolase gene harbors sequence variation associated with susceptibility to and protection from incident ischemic stroke. *Hum Mol Genet.* 2005 Oct 1;14(19):2829-37. Epub 2005 Aug 22.

Cooper LS, Wong TY, Klein R, Sharrett AR, Bryan RN, Hubbard LD, Couper DJ, **Heiss G**, Sorlie PD. Retinal microvascular abnormalities and MRI-defined subclinical cerebral infarction: the Atherosclerosis Risk in Communities Study. *Stroke.* 2006 Jan;37(1):82-6. Epub 2005 Nov 23

Kraja AT, Hunt SC, Pankow JS, Myers RH, **Heiss G**, Lewis CE, Rao DC, Province MA. Quantitative trait loci for metabolic syndrome in the Hypertension Genetic Epidemiology Network study. *Obes Res.* 2005 Nov;13(11):1885-90.

Gu CC, Chang YP, Hunt SC, Schwander K, Arnett D, Djousse L, **Heiss G**, Oberman A, Lalouel JM, Province M, Chakravarti A, Rao DC. Haplotype association analysis of AGT variants with hypertension-related traits: the HyperGEN study. *Hum Hered.* 2005;60(3):164-76.

Kulkarni SP, Alexander KP, Lytle B, **Heiss G**, Peterson ED. Long-term adherence with cardiovascular drug regimens. *Am Heart J.* 2006 Jan;151(1):185-91.

Borrell LN, Beck JD, **Heiss G**. Socioeconomic disadvantage and periodontal disease: the Dental Atherosclerosis Risk in Communities study. *Am J Public Health.* 2006 Feb;96(2):332-9. Epub 2005 Dec 27.

◆ Zheng ZJ, Rosamond WD, Chambless LE, Nieto FJ, Barnes RW, Hutchinson RG, Tyroler HA, **Heiss G**; ARIC Investigators. Lower extremity arterial disease assessed by ankle-brachial index in a middle-aged population of African Americans and whites: the Atherosclerosis Risk in Communities (ARIC) Study. *Am J Prev Med.* 2005 Dec;29 (5 Suppl 1):42-9.

Bonds DE, Lasser N, Qi L, Brzyski R, Caan B, Heiss G, Limacher MC, Liu JH, Mason E, Oberman A, O'sullivan MJ, Phillips LS, Prineas RJ, Tinker L. The effect of conjugated equine oestrogen on diabetes incidence: the Women's Health Initiative randomised trial. *Diabetologia.* 2006 Mar;49(3):459-68. Epub 2006 Jan 27.

Astor BC, Coresh J, **Heiss G**, Pettitt D, Sarnak MJ. Kidney function and anemia as risk factors for coronary heart disease and mortality: the Atherosclerosis Risk in Communities (ARIC) Study. *Am Heart J.* 2006 Feb;151(2):492-500.

Howard BV, Van Horn L, Hsia J, Manson JE, Stefanick ML, Wassertheil-Smoller S, Kuller LH, LaCroix AZ, Langer RD, Lasser NL, Lewis CE, Limacher MC, Margolis KL, Mysiw WJ, Ockene JK, Parker LM, Perri MG, Phillips L, Prentice RL, Robbins J, Rossouw JE, Sarto GE, Schatz IJ, Snetselaar LG, Stevens VJ, Tinker LF, Trevisan M, Vitolins MZ, Anderson GL, Assaf AR, Bassford T, Beresford SA, Black HR, Brunner RL, Brzyski RG, Caan B, Chlebowski RT, Gass M, Granek I, Greenland P, Hays J, Heber D, **Heiss G**, Hendrix SL, Hubbell FA, Johnson KC, Kotchen JM. Low-fat dietary pattern and risk of cardiovascular disease: the Women's Health Initiative Randomized Controlled Dietary Modification Trial. *JAMA.* 2006 Feb 8;295(6):655-66.

Beresford SA, Johnson KC, Ritenbaugh C, Lasser NL, Snetselaar LG, Black HR, Anderson GL, Assaf AR, Bassford T, Bowen D, Brunner RL, Brzyski RG, Caan B, Chlebowski RT, Gass M, Harrigan RC, Hays J, Heber D, **Heiss G**, Hendrix SL, Howard BV, Hsia J, Hubbell FA, Jackson RD, Kotchen JM, Kuller LH, LaCroix AZ, Lane DS, Langer RD, Lewis CE, Manson JE, Margolis KL, Mossavar-Rahmani Y, Ockene JK, Parker LM, Perri MG, Phillips L, Prentice RL, Robbins J,

Rossouw JE, Sarto GE, Stefanick ML, Van Horn L, Vitolins MZ, Wactawski-Wende J, Wallace RB, Whitlock E. Low-fat dietary pattern and risk of colorectal cancer: the Women's Health Initiative Randomized Controlled Dietary Modification Trial. *JAMA*. 2006 Feb 8;295(6):643-54.

Prentice RL, Caan B, Chlebowski RT, Patterson R, Kuller LH, Ockene JK, Margolis KL, Limacher MC, Manson JE, Parker LM, Paskett E, Phillips L, Robbins J, Rossouw JE, Sarto GE, Shikany JM, Stefanick ML, Thomson CA, Van Horn L, Vitolins MZ, Wactawski-Wende J, Wallace RB, Wassertheil-Smoller S, Whitlock E, Yano K, Adams-Campbell L, Anderson GL, Assaf AR, Beresford SA, Black HR, Brunner RL, Brzyski RG, Ford L, Gass M, Hays J, Heber D, **Heiss G**, Hendrix SL, Hsia J, Hubbell FA, Jackson RD, Johnson KC, Kotchen JM, LaCroix AZ, Lane DS, Langer RD, Lasser NL, Henderson MM. Low-fat dietary pattern and risk of invasive breast cancer: the Women's Health Initiative Randomized Controlled Dietary Modification Trial. *JAMA*. 2006 Feb 8;295(6):629-42.

Jackson RD, LaCroix AZ, Gass M, Wallace RB, Robbins J, Lewis CE, Bassford T, Beresford SA, Black HR, Blanchette P, Bonds DE, Brunner RL, Brzyski RG, Caan B, Cauley JA, Chlebowski RT, Cummings SR, Granek I, Hays J, **Heiss G**, Hendrix SL, Howard BV, Hsia J, Hubbell FA, Johnson KC, Judd H, Kotchen JM, Kuller LH, Langer RD, Lasser NL, Limacher MC, Ludlam S, Manson JE, Margolis KL, McGowan J, Ockene JK, O'Sullivan MJ, Phillips L, Prentice RL, Sarto GE, Stefanick ML, Van Horn L, Wactawski-Wende J, Whitlock E, Anderson GL, Assaf AR, Barad D; Women's Health Initiative Investigators. Calcium plus vitamin D supplementation and the risk of fractures. *N Engl J Med*. 2006 Feb 16;354(7):669-83.

◆ Weatherley BD, Chambless LE, **Heiss G**, Catellier DJ, Ellison CR. The reliability of the ankle-brachial index in the Atherosclerosis Risk in Communities (ARIC) study and the NHLBI Family Heart Study (FHS). *BMC Cardiovasc Disord*. 2006 Feb 21;6(1):7

Wactawski-Wende J, Kotchen JM, Anderson GL, Assaf AR, Brunner RL, O'Sullivan MJ, Margolis KL, Ockene JK, Phillips L, Pottner L, Prentice RL, Robbins J, Rohan TE, Sarto GE, Sharma S, Stefanick ML, Van Horn L, Wallace RB, Whitlock E, Bassford T, Beresford SA, Black HR, Bonds DE, Brzyski RG, Caan B, Chlebowski RT, Cochrane B, Garland C, Gass M, Hays J, **Heiss G**, Hendrix SL, Howard BV, Hsia J, Hubbell FA, Jackson RD, Johnson KC, Judd H, Kooperberg CL, Kuller LH, LaCroix AZ, Lane DS, Langer RD, Lasser NL, Lewis CE, Limacher MC, Manson JE; Women's Health Initiative Investigators. Calcium plus vitamin D supplementation and the risk of colorectal cancer. *N Engl J Med*. 2006 Feb 16;354(7):684-96.

Feitosa MF, Province MA, **Heiss G**, Arnett DK, Myers RH, Pankow JS, Hopkins PN, Borecki IB. Evidence of QTL on 15q21 for high-density lipoprotein cholesterol: The National Heart, Lung, and Blood Institute Family Heart Study (NHLBI FHS). *Atherosclerosis*. 2006 Mar 7; [Epub ahead of print]

Lee CR, North KE, Bray MS, Fornage M, Seubert JM, Newman JW, Hammock BD, Couper DJ, **Heiss G**, Zeldin DC. Genetic Variation in Soluble Epoxide Hydrolase (EPHX2) and Risk of Coronary Heart Disease: The Atherosclerosis Risk in Communities (ARIC) Study. *Hum Mol Genet*. 2006 Apr 4; [Epub ahead of print]

Hopkins PN, Ellison RC, Province MA, Pankow JS, Carr JJ, Arnett DK, Lewis CE, **Heiss G**, Hunt SC. Association of coronary artery calcified plaque with clinical coronary heart disease in the National Heart, Lung, and Blood Institute's Family Heart Study. *Am J Cardiol*. 2006 Jun 1;97(11):1564-9. Epub 2006 Apr 17.

Volcik KA, Barkley RA, Hutchinson RG, Mosley TH, **Heiss G**, Sharrett AR, Ballantyne CM,

Boerwinkle E. Apolipoprotein E Polymorphisms Predict Low Density Lipoprotein Cholesterol Levels and Carotid Artery Wall Thickness but Not Incident Coronary Heart Disease in 12,491 ARIC Study Participants. *Am J Epidemiol.* 2006 Aug 15;164(4):342-8

Djousse L, Pankow JS, Hunt SC, **Heiss G**, Province MA, Kabagambe EK, Ellison RC. Influence of Saturated Fat and Linolenic Acid on the Association Between Intake of Dairy Products and Blood Pressure. *Hypertension.* 2006 Aug;48(2):335-41

Folsom AR, Chambless LE, Ballantyne CM, Coresh J, **Heiss G**, Wu KK, Boerwinkle E, Mosley TH Jr, Sorlie P, Diao G, Sharrett AR. An assessment of incremental coronary risk prediction using C-reactive protein and other novel risk markers: the atherosclerosis risk in communities study. *Arch Intern Med.* 2006 Jul 10;166(13):1368-73.

Schmidt MI, Duncan BB, Vigo A, Pankow JS, Couper D, Ballantyne CM, Hoogeveen RC, **Heiss G**; or the ARIC Investigators. Leptin and incident type 2 diabetes: risk or protection? *Diabetologia.* 2006 Sep;49(9):2086-96

Whitsel EA, Quibrera PM, Smith RL, Catellier DJ, Liao D, Henley AC, **Heiss G**. Accuracy of commercial geocoding: assessment and implications. *Epidemiol Perspect Innov.* 2006 Jul 20;3:8.

Rose KM, Eigenbrodt ML, Biga RL, Couper DJ, Light KC, Sharrett AR, **Heiss G**. Orthostatic hypotension predicts mortality in middle-aged adults: the Atherosclerosis Risk In Communities (ARIC) Study. *Circulation.* 2006 Aug 15;114(7):630-6

North KE, Carr JJ, Borecki IB, Kraja A, Province M, Pankow JS, Wilk JB, Hixson JE, **Heiss G**; for the FHS Investigators. QTL-specific genotype-by-smoking interaction and burden of calcified coronary atherosclerosis: The NHLBI Family Heart Study. *Atherosclerosis.* 2007 Jul;193(1):11-9. ahead of print]

Liao D, Peuquet DJ, Duan Y, Whitsel EA, Dou J, Smith RL, Lin HM, Chen JC, **Heiss G**. GIS approaches for the estimation of residential-level ambient PM concentrations. *Environ Health Perspect.* 2006 Sep;114(9):1374-80.

Paynter NP, Yeh HC, Voutilainen S, Schmidt MI, **Heiss G**, Folsom AR, Brancati FL, Linda Kao WH. Coffee and Sweetened Beverage Consumption and the Risk of Type 2 Diabetes Mellitus. *Am J Epidemiol.* 2006 Dec 1;164(11):1075-84.

◆ Carson AP, Rose KM, Catellier DJ, Kaufman JS, Wyatt SB, Diez-Roux AV, **Heiss G**. Cumulative Socioeconomic Status Across the Life Course and Subclinical Atherosclerosis. *Ann Epidemiol.* 2007 Apr;17(4):296-303.

Massing MW, Simpson RJ Jr, Rautaharju PM, Schreiner PJ, Crow R, **Heiss G**. Usefulness of ventricular premature complexes to predict coronary heart disease events and mortality (from the Atherosclerosis Risk In Communities cohort). *Am J Cardiol.* 2006 Dec 15;98(12):1609-12.

Lee CR, North KE, Bray MS, Avery CL, Mosher MJ, Couper DJ, Coresh J, Folsom AR, Boerwinkle E, **Heiss G**, Zeldin DC. NOS3 polymorphisms, cigarette smoking, and cardiovascular disease risk: the Atherosclerosis Risk in Communities study. *Pharmacogenet Genomics.* 2006 Dec;16(12):891-9.

◆ Pollitt RA, Kaufman JS, Rose KM, Diez-Roux AV, Zeng D, **Heiss G**. Early-life and adult socioeconomic status and inflammatory risk markers in adulthood. *Eur J Epidemiol.* 2007;22(1):55-66. Epub 2007 Jan 17.

North KE, Franceschini N, Borecki IB, Gu CC, **Heiss G**, Province MA, Arnett DK, Lewis CE, Miller MB, Myers RH, Hunt SC, Freedman BI. Genotype-by-sex interaction on fasting insulin concentration: the HyperGEN study. *Diabetes.* 2007 Jan;56(1):137-42

Schmidt MI, Duncan BB, Vigo A, Pankow JS, Couper D, Ballantyne CM, Hoogeveen RC, **Heiss G**; for the ARIC Investigators. Response to comment on: Schmidt MI, Duncan BB, Vigo A et al. (2006) Leptin and incident type 2 diabetes: risk or protection? *Diabetologia* 49:2086-2096. *Diabetologia.* 2007 Jan;50(1):237-8.

Hoogeveen RC, Ballantyne CM, Bang H, **Heiss G**, Duncan BB, Folsom AR, Pankow JS. Circulating oxidised low-density lipoprotein and intercellular adhesion molecule-1 and risk of type 2 diabetes mellitus: the Atherosclerosis Risk in Communities Study. *Diabetologia.* 2007 Jan;50(1):36-42.

◆ Weatherley BD, Nelson JJ, **Heiss G**, Chambless LE, Sharrett AR, Nieto FJ, Folsom AR, Rosamond WD. The association of the ankle-brachial index with incident coronary heart disease: the Atherosclerosis Risk In Communities (ARIC) study, 1987-2001. *BMC Cardiovasc Disord.* 2007 Jan 16;7:3.

Shoham DA, Vupputuri S, Diez Roux AV, Kaufman JS, Coresh J, Kshirsagar AV, Zeng D, **Heiss G**. Kidney disease in life-course socioeconomic context: the Atherosclerosis Risk in Communities (ARIC) Study. *Am J Kidney Dis.* 2007 Feb;49(2):217-26.

Muallem H, North KE, Kakoki M, Wojczynski MK, Li X, Grove M, Boerwinkle E, Wilhelmsen KC, **Heiss G**, Maeda N. Quantitative effects of common genetic variations in the 3'UTR of the human LDL-receptor gene and their associations with plasma lipid levels in the Atherosclerosis Risk in Communities study. *Hum Genet.* 2007 May;121(3-4):421-31.

Hsia J, **Heiss G**, Ren H, Allison M, Dolan NC, Greenland P, Heckbert SR, Johnson KC, Manson JE, Sidney S, Trevisan M; Women's Health Initiative Investigators. Calcium/vitamin D supplementation and cardiovascular events. *Circulation.* 2007 Feb 20;115(7):846-54. Erratum in: *Circulation.* 2007 May 15;115(19):e466.

Hogan SL, Vupputuri S, Guo X, Cai J, Colindres RE, **Heiss G**, Coresh J. Association of cigarette smoking with albuminuria in the United States: the third National Health and Nutrition Examination Survey. *Ren Fail.* 2007;29(2):133-42.

Lee CR, North KE, Bray MS, Couper DJ, **Heiss G**, Zeldin DC. CYP2J2 and CYP2C8 polymorphisms and coronary heart disease risk: the Atherosclerosis Risk in Communities (ARIC) study. *Pharmacogenet Genomics.* 2007 May;17(5):349-58.

Kan H, **Heiss G**, Rose KM, Whitsel E, Lurmann F, London SJ. Traffic exposure and lung function in adults: the Atherosclerosis Risk in Communities study. *Thorax.* 2007 Oct;62(10):873-9.

Kwok RK, Mendola P, Liu ZY, Savitz DA, **Heiss G**, Ling HL, Xia Y, Lobdell D, Zeng D, Thorp JM Jr, Creason JP, Mumford JL. Drinking water arsenic exposure and blood pressure in healthy women of reproductive age in Inner Mongolia, China. *Toxicol Appl Pharmacol.* 2007 Aug 1;222(3):337-43.

Lee CR, North KE, Bray MS, Couper DJ, **Heiss G**, Zeldin DC. Cyclooxygenase polymorphisms and risk of cardiovascular events: The Atherosclerosis Risk in Communities (ARIC) Study. *Clin Pharmacol Ther.* 2007 May 9;

Beydoun MA, Kaufman JS, Sloane PD, **Heiss G**, Ibrahim J. n-3 Fatty acids, hypertension and risk of cognitive decline among older adults in the Atherosclerosis Risk in Communities (ARIC) study. *Public Health Nutr.* 2007 Jul 12:1-13

◆ Bidulescu A, Chambless LE, Siega-Riz AM, Zeisel SH, **Heiss G**. Usual choline and betaine dietary intake and incident coronary heart disease: the Atherosclerosis Risk in Communities (ARIC) Study. *BMC Cardiovasc Disord.* 2007 Jul 13;7(1):20

Liao D, Pequet DJ, Lin HM, Duan Y, Whitsel EA, Smith RL, **Heiss G**. National kriging exposure estimation: Lao et al. *Respond. Environ Health Perspect.* 2007 Jul;115(7):A338-9. No abstract available. PMID: 17637892

Vigo A, Duncan BB, Schmidt MI, Couper D, **Heiss G**, Pankow JS, Ballantyne CM. Glutamic acid decarboxylase antibodies are indicators of the course, but not of the onset, of diabetes in middle-aged adults: the Atherosclerosis Risk in Communities Study. *Braz J Med Biol Res.* 2007 Jul;40(7):933-41.

Liu S, Tinker L, Song Y, Rifai N, Bonds DE, Cook NR, Heiss G, Howard BV, Hotamisligil GS, Hu FB, Kuller LH, Manson JE. A prospective study of inflammatory cytokines and diabetes mellitus in a multiethnic cohort of postmenopausal women. *Arch Intern Med.* 2007 Aug 13-27;167(15):1676-85

Beydoun MA, Kaufman JS, Ibrahim J, Satia JA, **Heiss G**. Measurement error adjustment in essential fatty acid intake from a food frequency questionnaire: alternative approaches and methods. *BMC Med Res Methodol.* 2007 Sep 14;7:41

Wu J, Province MA, Coon H, Hunt SC, Eckfeldt JH, Arnett DK, **Heiss G**, Lewis CE, Ellison RC, Rao DC, Rice T, Kraja AT. An investigation of the effects of lipid-lowering medications: genome-wide linkage analysis of lipids in the HyperGEN study. *BMC Genet.* 2007 Sep 10;8:60

Rautaharju PM, Prineas RJ, Wood J, Zhang ZM, Crow R, **Heiss G**. Electrocardiographic predictors of new-onset heart failure in men and in women free of coronary heart disease (from the Atherosclerosis in Communities [ARIC] Study). *Am J Cardiol.* 2007 Nov 1;100(9):1437-41. Epub 2007 Aug 22

Reich LM, **Heiss G**, Boland LL, Hirsch AT, Wu K, Folsom AR. Ankle brachial index and hemostatic markers in the Atherosclerosis Risk in Communities (ARIC) study cohort. *Vasc Med.* 2007 Nov;12(4):267-73

Kan H, Stevens J, **Heiss G**, Rose KM, London SJ. Dietary Fiber, Lung Function, and Chronic Obstructive Pulmonary Disease in the Atherosclerosis Risk in Communities Study. *Am J Epidemiol.* 2007 Dec 5;

Kan H, Stevens J, **Heiss G**, Klein R, Rose KM, London SJ. Dietary fiber intake and retinal vascular caliber in the Atherosclerosis Risk in Communities Study. *Am J Clin Nutr.* 2007 Dec;86(6):1626-32
Lucove J, Vupputuri S, Heiss G, North K, Russell M. Metabolic syndrome and the development of CKD in American Indians: the Strong Heart Study. *Am J Kidney Dis.* 2008 Jan;51(1):21-8.

Shahar E, **Heiss G**, Rosamond WD, Szklo M. Baldness and Myocardial Infarction in Men: The Atherosclerosis Risk in Communities Study. *Am J Epidemiol*. 2008 Jan 21; [Epub ahead of print]

Folsom AR, Pankow JS, Peacock JM, Bielinski SJ, **Heiss G**, Boerwinkle E. Variation in TCF7L2 and Increased Risk of Colon Cancer: The Atherosclerosis Risk in Communities (ARIC) Study. *Diabetes Care*. 2008 May;31(5):905-9

Heiss G, Wallace R, Anderson GL, Aragaki A, Beresford SA, Brzyski R, Chlebowski RT, Gass M, LaCroix A, Manson JE, Prentice RL, Rossouw J, Stefanick ML; WHI Investigators. Health risks and benefits 3 years after stopping randomized treatment with estrogen and progestin. *JAMA*. 2008 Mar 5;299(9):1036-45.

Rose KM, Perhac JS, Bang H, Heiss G. Historical records as a source of information for childhood socioeconomic status: results from a pilot study of decedents. *Ann Epidemiol*. 2008 May;18(5):357-63.

Neuhouser ML, Tinker L, Shaw PA, Schoeller D, Bingham SA, Horn LV, Beresford SA, Caan B, Thomson C, Satterfield S, Kuller L, **Heiss G**, Smit E, Sarto G, Ockene J, Stefanick ML, Assaf A, Runswick S, Prentice RL. Use of recovery biomarkers to calibrate nutrient consumption self-reports in the Women's Health Initiative. *Am J Epidemiol*. 2008 May 15;167(10):1247-59.

Ballantyne CM, Hoogeveen RC, McNeill AM, **Heiss G**, Schmidt MI, Duncan BB, Pankow JS. Metabolic syndrome risk for cardiovascular disease and diabetes in the ARIC study. *Int J Obes (Lond)*. 2008 May;32 Suppl 2:S21-4.

◆ Pollitt RA, Kaufman JS, Rose KM, Diez-Roux AV, Zeng D, Heiss G. Cumulative life course and adult socioeconomic status and markers of inflammation in adulthood. *J Epidemiol Community Health*. 2008 Jun;62(6):484-91.

Bray PF, Larson JC, Lacroix AZ, Manson J, Limacher MC, Rossouw JE, Lasser NL, Lawson WE, Stefanick ML, Langer RD, Margolis KL; Women's Health Initiative Investigators. Usefulness of baseline lipids and C-reactive protein in women receiving menopausal hormone therapy as predictors of treatment-related coronary events. *Am J Cardiol*. 2008 Jun 1;101(11):1599-1605.

◆ Shoham DA, Vupputuri S, Kaufman JS, Kshirsagar AV, Diez Roux AV, Coresh J, **Heiss G**. Kidney disease and the cumulative burden of life course socioeconomic conditions: The Atherosclerosis Risk in Communities (ARIC) Study. *Soc Sci Med*. 2008 Jul 28.

Tinker LF, Bonds DE, Margolis KL, Manson JE, Howard BV, Larson J, Perri MG, Beresford SA, Robinson JG, Rodríguez B, Safford MM, Wenger NK, Stevens VJ, Parker LM; Women's Health Initiative. Low-fat dietary pattern and risk of treated diabetes mellitus in postmenopausal women: the Women's Health Initiative randomized controlled dietary modification trial. *Arch Intern Med*. 2008 Jul 28;168(14):1500-11.

Zheng Z, Margolis KL, Liu S, Tinker LF, Ye W; Women's Health Initiative Investigators. Effects of estrogen with and without progestin and obesity on symptomatic gastroesophageal reflux. *Gastroenterology*. 2008 Jul;135(1):72-81.

Luo J, Margolis KL, Adami HO, LaCroix A, Ye W; Women's Health Initiative Investigators. Obesity and risk of pancreatic cancer among postmenopausal women: the Women's Health Initiative (United States). *Br J Cancer*. 2008 Aug 5;99(3):527-31.

Kan H, **Heiss G**, Rose KM, Whitset EA, Lurmann F, London SJ. Prospective Analysis of Traffic Exposure as a Risk Factor for Incident Coronary Heart Disease: The Atherosclerosis Risk in Communities (ARIC) Study. *Environ Health Perspect*. 2008 Nov;116(11):1463-1468.

Chichlowska KL, Rose KM, Diez-Roux AV, Golden SH, McNeill AM, **Heiss G**. Individual and neighborhood socioeconomic status characteristics and prevalence of metabolic syndrome: the Atherosclerosis Risk in Communities (ARIC) Study. *Psychosom Med*. 2008 Nov;70(9):986-92.

Yan Y, North KE, Ballantyne CM, Brancati FL, Chambless LE, Franceschini N, **Heiss G**, Kottgen A, Pankow JS, Selvin E, West SL, Boerwinkle E. Transcription Factor 7-Like 2 (TCF7L2) Polymorphism and Context-Specific Risk of Type 2 Diabetes in African American and Caucasian Adults: The Atherosclerosis Risk in Communities (ARIC) Study. *Diabetes*. 2009 Jan;58(1):285-9.

Meyer AM, Evenson KR, Couper DJ, Stevens J, Pereria MA, **Heiss G**. Television, physical activity, diet, and body weight status: the ARIC cohort. *Int J Behav Nutr Phys Act*. 2008 Dec 17;5:68. PubMed PMID: 19091124; PubMed Central PMCID: PMC2647944.

Chlebowski RT, Kuller LH, Prentice RL, Stefanick ML, Manson JE, Gass M, Aragaki AK, Ockene JK, Lane DS, Sarto GE, Rajkovic A, Schenken R, Hendrix SL, Ravdin PM, Rohan TE, Yasmeen S, Anderson G; WHI Investigators. Breast cancer after use of estrogen plus progestin in postmenopausal women. *N Engl J Med*. 2009;360(6):573-87. PubMed PMID: 19196674

Whitset EA, Quibrera PM, Christ SL, Liao D, Prineas RJ, Anderson GL, **Heiss G**. Heart rate variability, ambient particulate matter air pollution, and glucose homeostasis: the environmental epidemiology of arrhythmogenesis in the women's health initiative. *Am J Epidemiol*. 2009 Mar 15;169(6):693-703. Epub 2009 Feb 10. PubMed PMID: 19208727.

◆ Bidulescu A, Chambless LE, Siega-Riz AM, Zeisel SH, **Heiss G**. Repeatability and measurement error in the assessment of choline and betaine dietary intake: the Atherosclerosis Risk in Communities (ARIC) study. *Nutr J*. 2009 Feb 20;8:14. PubMed PMID: 19232103; PubMed Central PMCID: PMC2654540.

Levy D, Ehret GB, Rice K, Verwoert GC, Launer LJ, Dehghan A, Glazer NL, Morrison AC, Johnson AD, Aspelund T, Aulchenko Y, Lumley T, Köttgen A, Vasani RS, Rivadeneira F, Eiriksdottir G, Guo X, Arking DE, Mitchell GF, Mattace-Raso FU, Smith AV, Taylor K, Scharpf RB, Hwang SJ, Sijbrands EJ, Bis J, Harris TB, Ganesh SK, O'Donnell CJ, Hofman A, Rotter JI, Coresh J, Benjamin EJ, Uitterlinden AG, **Heiss G**, Fox CS, Witteman JC, Boerwinkle E, Wang TJ, Gudnason V, Larson MG, Chakravarti A, Psaty BM, van Duijn CM. Genome-wide association study of blood pressure and hypertension. *Nat Genet*. 2009 May 10. PubMed PMID: 19430479.

Chlebowski RT, Schwartz AG, Wakelee H, Anderson GL, Stefanick ML, Manson JE, Rodabough RJ, Chien JW, Wactawski-Wende J, Gass M, Kotchen JM, Johnson KC, O'Sullivan MJ, Ockene JK, Chen C, Hubbell FA; Women's Health Initiative Investigators. Oestrogen plus progestin and lung cancer in postmenopausal women (Women's Health Initiative trial): a post-hoc analysis of a randomised controlled trial. *Lancet*. 2009 Oct 10;374(9697):1243-51. PubMed PMID:19767090

Chichlowska KL, Rose KM, Diez-Roux AV, Golden SH, McNeill AM, **Heiss G**. Life Course Socioeconomic Conditions and Metabolic Syndrome in Adults: The Atherosclerosis Risk in

Communities (ARIC) Study. *Ann Epidemiol.* 2009 Oct 3. [Epub ahead of print] PubMed PMID: 19804985.

Loehr LR, Rosamond WD, Poole C, McNeill AM, Chang PP, Folsom AR, Chambless LE, **Heiss G**. Association of multiple anthropometrics of overweight and obesity with incident heart failure: the Atherosclerosis Risk in Communities study. *Circ Heart Fail.* 2009 Jan;2(1):18-24. PubMed PMID: 19808311; PubMed Central PMCID: PMC2748859.

Rose KM, Suchindran CM, Foraker RE, Whitsel EA, Rosamond WD, **Heiss G**, Wood JL. Neighborhood Disparities in Incident Hospitalized Myocardial Infarction in Four U.S. communities: The ARIC Surveillance Study. *Ann Epidemiol.* 2009 Oct 6. [Epub ahead of print] PubMed PMID: 19815428.

North KE, Franceschini N, Avery CL, Baird L, Graff M, Leppert M, Chung JH, Zhang J, Hanis C, Boerwinkle E, Volcik KA, Grove ML, Mosley TH, Gu C, **Heiss G**, Pankow JS, Couper DJ, Ballantyne CM, Linda Kao WH, Weder AB, Cooper RS, Ehret GB, O'Connor AA, Chakravarti A, Hunt SC. Variation in the checkpoint kinase 2 gene is associated with type 2 diabetes in multiple populations. *Acta Diabetol.* 2009 Oct 24. [Epub ahead of print]

McTiernan A, Chlebowski RT, Martin C, Peck JD, Aragaki A, Pisano ED, Wang CY, Johnson KC, Manson JE, Wallace RB, Vitolins MZ, **Heiss G**. Conjugated Equine Estrogen Influence on Mammographic Density in Postmenopausal Women in a Substudy of the Women's Health Initiative Randomized Trial. *J Clin Oncol.* 2009 Nov 9. [Epub ahead of print]

McTiernan A, Chlebowski RT, Martin C, Peck JD, Aragaki A, Pisano ED, Wang CY, Johnson KC, Manson JE, Wallace RB, Vitolins MZ, **Heiss G**. Conjugated equine estrogen influence on mammographic density in postmenopausal women in a substudy of the women's health initiative randomized trial. *J Clin Oncol.* 2009 Dec 20;27(36):6135-43. PubMed PMID: 19901118;

Schnabel RB, Baumert J, Barbalic M, Dupuis J, Ellinor PT, Durda P, Dehghan A, Bis JC, Illig T, Morrison AC, Jenny NS, Keaney JF Jr, Gieger C, Tilley C, Yamamoto JF, Khuseyinova N, **Heiss G**, Doyle M, Blankenberg S, Herder C, Walston JD, Zhu Y, Vasani RS, Klopp N, Boerwinkle E, Larson MG, Psaty BM, Peters A, Ballantyne CM, Witteman JC, Hoogeveen RC, Benjamin EJ, Koenig W, Tracy RP. Duffy antigen receptor for chemokines (Darc) polymorphism regulates circulating concentrations of monocyte chemoattractant protein-1 and other inflammatory mediators. *Blood.* 2009 Dec 29. [Epub ahead of print] PubMed PMID: 20040767

DeBette S, Bis JC, Fornage M, Schmidt H, Ikram MA, Sigurdsson S, **Heiss G**, Struchalin M, Smith AV, van der Lugt A, Decarli C, Lumley T, Knopman DS, Enzinger C, Eiriksdottir G, Koudstaal PJ, Destefano AL, Psaty BM, Dufouil C, Catellier DJ, Fazekas F, Aspelund T, Aulchenko YS, Beiser A, Rotter JI, Tzourio C, Shibata DK, Tscherner M, Harris TB, Rivadeneira F, Atwood LD, Rice K, Gottesman RF, van Buchem MA, Uitterlinden AG, Kelly-Hayes M, Cushman M, Zhu Y, Boerwinkle E, Gudnason V, Hofman A, Romero JR, Lopez O, van Duijn CM, Au R, Heckbert SR, Wolf PA, Mosley TH, Seshadri S, Breteler MM, Schmidt R, Launer LJ, Longstreth WT Jr. Genome-Wide Association Studies of MRI-Defined Brain Infarcts. Meta-Analysis From the CHARGE Consortium. *Stroke.* 2009 Dec 31. PubMed PMID: 20044523.

◆ Johnson AM, Rose KM, Elder GH Jr, Chambless LE, Kaufman JS, **Heiss G**. Military combat and risk of coronary heart disease and ischemic stroke in aging men: The Atherosclerosis Risk in Communities (ARIC) study. *Ann Epidemiol.* 2010 Feb;20(2):143-50. PMID: 20123165

Agarwal SK, **Heiss G**, Rautaharju PM, Shahar E, Massing MW, Simpson RJ Jr. Premature Ventricular Complexes and the Risk of Incident Stroke. The Atherosclerosis Risk In Communities (ARIC) Study. *Stroke*. 2010 Feb 18. [Epub ahead of print] PMID: 20167922

Avery CL, Mills KT, Chambless LE, Chang PP, Folsom AR, Mosley TH, Ni H, Rosamond WD, Wagenknecht L, Wood J, Heiss G. Long-term association between self-reported signs and symptoms and heart failure hospitalizations: the Atherosclerosis Risk In Communities (ARIC) Study. *Eur J Heart Fail*. 2010 Mar;12(3):232-8. Epub 2010 Jan 22. PMID: 20097681

◆ Johnson AM, Rose KM, Elder GH Jr, Chambless LE, Kaufman JS, **Heiss G**. Military Combat and Burden of Subclinical Atherosclerosis in Middle Aged Men: The ARIC Study *Prev Med*. 2010 Feb 22.

Luft VC, Schmidt MI, Pankow JS, Hoogeveen RC, Couper D, **Heiss G**, Duncan BB; Atherosclerosis Risk in Communities Investigators. Dipeptidyl peptidase IV and incident diabetes: the Atherosclerosis Risk in Communities (ARIC) study. *Diabetes Care*. 2010 May;33(5):1109-11. Epub 2010 Feb 25. PMID: 20185737

Yan Y, Klein R, Heiss G, Girman CJ, Lange EM, Klein BE, Rose KM, Boerwinkle E, Pankow JS, Brancati FL, Ballantyne CM, Kottgen A, North KE. The transcription factor 7-like 2 (TCF7L2) polymorphism may be associated with focal arteriolar narrowing in Caucasians with hypertension or without diabetes: the ARIC Study. *BMC Endocr Disord*. 2010 May 17;10(1):9. [

Williams JE, Johnson AM, **Heiss G**, Rose KM. Association between exposure to combat-related stress and psychological health in aging men: the Atherosclerosis Risk in Communities (ARIC) Study. *J Trauma Stress*. 2010 Jun;23(3):358-66. PMID: 20564369

Yan Y, North KE, Heiss G, Klein R, Girman CJ, Lange EM, Pankow JS, Brancati FL, Boerwinkle E. Transcription factor 7-like 2 (TCF7L2) polymorphism and context-specific risk of impaired fasting glucose in African American and Caucasian adults: the atherosclerosis risk in communities (ARIC) study. *Diabetes Metab Res Rev*. 2010 Jul;26(5):371-7. PMID: 20578204

Sorlie PD, Avilés-Santa LM, Wassertheil-Smoller S, Kaplan RC, Daviglius ML, Giachello AL, Schneiderman N, Raji L, Talavera G, Allison M, Lavange L, Chambless LE, **Heiss G**. Design and implementation of the Hispanic Community Health Study/Study of Latinos. *Ann Epidemiol*. 2010 Aug;20(8):629-41. PMID: 20609343

◆ Roberts CB, Couper DJ, Chang PP, James SA, Rosamond WD, **Heiss G**. Influence of life-course socioeconomic position on incident heart failure in blacks and whites: the Atherosclerosis Risk in Communities Study. *Am J Epidemiol*. 2010 Sep 15;172(6):717-27. Epub 2010 Aug 8. PMID: 20696652

Loehr LR, Rosamond WD, Poole C, McNeill AM, Chang PP, Deswal A, Folsom AR, **Heiss G**. The potentially modifiable burden of incident heart failure due to obesity: the atherosclerosis risk in communities study. *Am J Epidemiol*. 2010 Oct 1;172(7):781-9. Epub 2010 Aug 17. PMID: 20716703

Kucharska-Newton AM, Monda KL, Bielinski SJ, Boerwinkle E, Rea TD, Rosamond WD, Pankow JS, Kottgen A, **Heiss G**, North KE. Role of BMI in the Association of the TCF7L2 rs7903146 Variant with Coronary Heart Disease: The Atherosclerosis Risk in Communities (ARIC) Study. *J Obes*. 2010;2010. pii: 651903. Epub 2010 Feb 22. PMID: 20798759

Heiss G, Hsia J, Pettinger M, Howard BV, Anderson G. Calcium and heart attacks. No evidence for increased risk. *BMJ*. 2010 Sep 15;341:c4995. doi: 10.1136/bmj.c4995. No abstract available. PMID: 20843918

Franceschini N, Reiner AP, **Heiss G**. Recent Findings in the Genetics of Blood Pressure and Hypertension Traits. *Am J Hypertens*. 2010 Oct 14. PMID: 20948529

Chlebowski RT, Anderson GL, Gass M, Lane DS, Aragaki AK, Kuller LH, Manson JE, Stefanick ML, Ockene J, Sarto GE, Johnson KC, Wactawski-Wende J, Ravdin PM, Schenken R, Hendrix SL, Rajkovic A, Rohan TE, Yasmeeen S, Prentice RL; WHI Investigators. Estrogen plus progestin and breast cancer incidence and mortality in postmenopausal women. *JAMA*. 2010 Oct 20;304(15):1684-92. PMID: 20959578

Bennett SN, Caporaso N, Fitzpatrick AL, Agrawal A, Barnes K, Boyd HA, Cornelis MC, Hansel NN, **Heiss G**, Heit JA, Kang JH, Kittner SJ, Kraft P, Lowe W, Marazita ML, Monroe KR, Pasquale LR, Ramos EM, van Dam RM, Udren J, Williams K; for the GENEVA Consortium. Phenotype harmonization and cross-study collaboration in GWAS consortia: the GENEVA experience. *Genet Epidemiol*. 2011 Apr;35(3):159-173. doi: 10.1002/gepi.20564. Epub 2011 Jan 31. PMID: 21284036

Kucharska-Newton AM, Monda KL, Campbell S, Bradshaw PT, Wagenknecht LE, Boerwinkle E, Wasserman BA, **Heiss G**. Association of the platelet GPIIb/IIIa polymorphism with atherosclerotic plaque morphology The Atherosclerosis Risk in Communities (ARIC) Study. *Atherosclerosis*. 2011 Feb 2. PMID: 21353223

Saunders JT, Nambi V, de Lemos JA, Chambless LE, Virani SS, Boerwinkle E, Hoogeveen RC, Liu X, Astor BC, Mosley TH, Folsom AR, **Heiss G**, Coresh J, Ballantyne CM. Cardiac troponin T measured by a highly sensitive assay predicts coronary heart disease, heart failure, and mortality in the atherosclerosis risk in communities study. *Circulation*. 2011 Apr 5;123(13):1367-76. Epub 2011 Mar 21. PMID: 21422391

LaCroix AZ, Chlebowski RT, Manson JE, Aragaki AK, Johnson KC, Martin L, Margolis KL, Stefanick ML, Brzyski R, Curb JD, Howard BV, Lewis CE, Wactawski-Wende J; WHI Investigators. Health outcomes after stopping conjugated equine estrogens among postmenopausal women with prior hysterectomy: a randomized controlled trial. *JAMA*. 2011 Apr 6;305(13):1305-14. PMID: 21467283

Cornelis MC, Monda KL, Yu K, Paynter N, Azzato EM, Bennett SN, Berndt SI, Boerwinkle E, Chanock S, Chatterjee N, Couper D, Curhan G, **Heiss G**, Hu FB, Hunter DJ, Jacobs K, Jensen MK, Kraft P, Landi MT, Nettleton JA, Purdue MP, Rajaraman P, Rimm EB, Rose LM, Rothman N, Silverman D, Stolzenberg-Solomon R, Subar A, Yeager M, Chasman DI, van Dam RM, Caporaso NE. Genome-Wide Meta-Analysis Identifies Regions on 7p21 (AHR) and 15q24 (CYP1A2) As Determinants of Habitual Caffeine Consumption. *PLoS Genet*. 2011 Apr;7(4):e1002033.

◆ Agarwal SK, Avery CL, Ballantyne CM, Catellier D, Nambi V, Saunders J, Sharrett AR, Coresh J, **Heiss G**, Hoogeveen RC. Sources of Variability in Measurements of Cardiac Troponin T in a Community-Based Sample: The Atherosclerosis Risk in Communities Study. *Clin Chem*. 2011 Apr 25. [Epub ahead of print] PMID:21519038

Matijevic N, Wu KK, Nidkarni N, **Heiss G**, Folsom AR. The ARIC carotid MRI study of blood cellular markers: an inverse association of monocyte myeloperoxidase content with peripheral arterial disease. *Angiology*. 2011 Apr;62(3):237-44. PMID:21406422

Wright NC, Lisse JR, Walitt BT, Eaton CB, Chen Z; Women's Health Initiative Investigators. Arthritis increases the risk for fractures--results from the Women's Health Initiative J Rheumatol. 2011 Aug;38(8):1680-8. Epub 2011 May 15. PMID:21572148

Pendergrass SA, Brown-Gentry K, Dudek SM, Torstenson ES, Ambite JL, Avery CL, Buyske S, Cai C, Fesinmeyer MD, Haiman C, **Heiss G**, Hindorff LA, Hsu CN, Jackson RD, Kooperberg C, Le Marchand L, Lin Y, Matisse TC, Moreland L, Monroe K, Reiner AP, Wallace R, Wilkens LR, Crawford DC, Ritchie MD. The use of phenome-wide association studies (PheWAS) for exploration of novel genotype-phenotype relationships and pleiotropy discovery. Genet Epidemiol. 2011 Jul;35(5):410-22. doi: 10.1002/gepi.20589. Epub 2011 May 18. PMID:21594894[PubMed - indexed for MEDLINE]

Fornage M, Debette S, Bis JC, Schmidt H, Ikram MA, Dufouil C, Sigurdsson S, Lumley T, DeStefano AL, Fazekas F, Vrooman HA, Shibata DK, Maillard P, Zijdenbos A, Smith AV, Gudnason H, de Boer R, Cushman M, Mazoyer B, **Heiss G**, Vernooij MW, Enzinger C, Glazer NL, Beiser A, Knopman DS, Cavalieri M, Niessen WJ, Harris TB, Petrovic K, Lopez OL, Au R, Lambert JC, Hofman A, Gottesman RF, Garcia M, Heckbert SR, Atwood LD, Catellier DJ, Uitterlinden AG, Yang Q, Smith NL, Aspelund T, Romero JR, Rice K, Taylor KD, Nalls MA, Rotter JI, Sharrett R, van Duijn CM, Amouyel P, Wolf PA, Gudnason V, van der Lugt A, Boerwinkle E, Psaty BM, Seshadri S, Tzourio C, Breteler MM, Mosley TH, Schmidt R, Longstreth WT, DeCarli C, Launer LJ. Genome-wide association studies of cerebral white matter lesion burden: the CHARGE consortium. Ann Neurol. 2011 Jun;69(6):928-39. doi: 10.1002/ana.22403. PMID:21681796

Prentice RL, Mossavar-Rahmani Y, Huang Y, Van Horn L, Beresford SA, Caan B, Tinker L, Schoeller D, Bingham S, Eaton CB, Thomson C, Johnson KC, Ockene J, Sarto G, **Heiss G**, Neuhauser ML. Evaluation and comparison of food records, recalls, and frequencies for energy and protein assessment by using recovery biomarkers. Am J Epidemiol. 2011 Sep 1;174(5):591-603. Epub 2011 Jul 15. PMID:21765003

Barbalic M, Reiner AP, Wu C, Hixson JE, Franceschini N, Eaton CB, **Heiss G**, Couper D, Mosley T, Boerwinkle E. Genome-wide association analysis of incident coronary heart disease (CHD) in African Americans: a short report. PLoS Genet. 2011 Aug;7(8):e1002199. Epub 2011 Aug 4. PMID:21829389

Matisse TC, Ambite JL, Buyske S, Carlson CS, Cole SA, Crawford DC, Haiman CA, **Heiss G**, Kooperberg C, Marchand LL, Manolio TA, North KE, Peters U, Ritchie MD, Hindorff LA, Haines JL; PAGE Study. The Next PAGE in understanding complex traits: design for the analysis of Population Architecture Using Genetics and Epidemiology (PAGE) Study. Am J Epidemiol. 2011 Oct 1;174(7):849-59. Epub 2011 Aug 11. PMID:21836165

Bis JC, Kavousi M, Franceschini N, Isaacs A, Abecasis GR, Schminke U, Post WS, Smith AV, Cupples LA, Markus HS, Schmidt R, Huffman JE, Lehtimäki T, Baumert J, Münzel T, Heckbert SR, Dehghan A, North K, Oostra B, Bevan S, Stoegerer EM, Hayward C, Raitakari O, Meisinger C, Schillert A, Sanna S, Völzke H, Cheng YC, Thorsson B, Fox CS, Rice K, Rivadeneira F, Nambi V, Halperin E, Petrovic KE, Peltonen L, Wichmann HE, Schnabel RB, Dörr M, Parsa A, Aspelund T, Demissie S, Kathiresan S, Reilly MP, Taylor K, Uitterlinden A, Couper DJ, Sitzer M, Kähönen M, Illig T, Wild PS, Orru M, Lüdemann J, Shuldiner AR, Eiriksdottir G, White CC, Rotter JI, Hofman A, Seissler J, Zeller T, Usala G, Ernst F, Launer LJ, D'Agostino RB Sr, O'Leary DH, Ballantyne C, Thiery J, Ziegler A, Lakatta EG, Chilukoti RK, Harris TB, Wolf PA, Psaty BM, Polak JF, Li X, Rathmann W, Uda M, Boerwinkle E, Klopp N, Schmidt H, Wilson JF, Viikari J, Koenig W, Blankenberg S, Newman AB, Witteman J, **Heiss G**, Duijn C, Scuteri A, Homuth G, Mitchell BD,

Gudnason V, O'Donnell CJ; CARDIoGRAM Consortium. Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. *Nat Genet.* 2011 Sep 11;43(10):940-7. doi: 10.1038/ng.920. PMID:21909108

◆ Agarwal SK, Simpson RJ Jr, Rautaharju P, Alonso A, Shahar E, Massing M, Saba S, **Heiss G**. Relation of Ventricular Premature Complexes to Heart Failure (from the Atherosclerosis Risk In Communities [ARIC] Study). *Am J Cardiol.* 2012 Jan 1;109(1):105-9. Epub 2011 Sep 24. PMID:21945138

Zhang ZM, Prineas RJ, Soliman EZ, Baggett C, **Heiss G**. Prognostic significance of serial Q/ST-T changes by the Minnesota Code and Novacode in the Atherosclerosis Risk in Communities (ARIC) study. *Eur J Cardiovasc Prev Rehabil.* 2011 Oct 13. PMID:21997257

Avery CL, He Q, North KE, Ambite JL, Boerwinkle E, Fornage M, Hindorff LA, Kooperberg C, Meigs JB, Pankow JS, Pendergrass SA, Psaty BM, Ritchie MD, Rotter JI, Taylor KD, Wilkens LR, Heiss G, Lin DY. A phenomics-based strategy identifies loci on APOC1, BRAP, and PLCG1 associated with metabolic syndrome phenotype domains. *PLoS Genet.* 2011 Oct;7(10):e1002322. Epub 2011 Oct 13. PMID:22022282

Franceschini N, Carty C, Buzková P, Reiner AP, Garrett T, Lin Y, Vöckler JS, Hindorff LA, Cole SA, Boerwinkle E, Lin DY, Bookman E, Best LG, Bella JN, Eaton C, Greenland P, Jenny N, North KE, Taverna D, Young AM, Deelman E, Kooperberg C, Psaty B, **Heiss G**. Association of Genetic Variants and Incident Coronary Heart Disease in Multiethnic Cohorts: The PAGE Study. *Circ Cardiovasc Genet.* 2011 Dec 1;4(6):661-672. Epub 2011 Oct 31. PMID:22042884

Chen CT, Fernández-Rhodes L, Brzyski RG, Carlson CS, Chen Z, Heiss G, North KE, Woods NF, Rajkovic A, Kooperberg C, Franceschini N. Replication of loci influencing ages at menarche and menopause in Hispanic women: the Women's Health Initiative SHARe Study. *Hum Mol Genet.* 2011 Dec 13. [Epub ahead of print] PMID:22131368

O'Donnell CJ, Kavousi M, Smith AV, Kardina SL, Feitosa MF, Hwang SJ, Sun YV, Province MA, Aspelund T, Dehghan A, Hoffmann U, Bielak LF, Zhang Q, Eiriksdottir G, van Duijn CM, Fox CS, de Andrade M, Kraja AT, Sigurdsson S, Elias-Smale SE, Murabito JM, Launer LJ, van der Lugt A, Kathiresan S; the CARDIoGRAM Consortium, Krestin GP, Herrington DM, Howard TD, Liu Y, Post W, Mitchell BD, O'Connell JR, Shen H, Shuldiner AR, Altshuler D, Elosua R, Salomaa V, Schwartz SM, Siscovick DS, Voight BF, Bis JC, Glazer NL, Psaty BM, Boerwinkle E, **Heiss G**, Blankenberg S, Zeller T, Wild PS, Schnabel RB, Schillert A, Ziegler A, Münzel TF, White CC, Rotter JI, Nalls M, Oudkerk M, Johnson AD, Newman AB, Uitterlinden AG, Massaro JM, Cunningham J, Harris TB, Hofman A, Peyser PA, Borecki IB, Cupples LA, Gudnason V, Witteman JC. Genome-Wide Association Study for Coronary Artery Calcification With Follow-Up in Myocardial Infarction. *Circulation.* 2011 Dec 20;124(25):2855-2864. Epub 2011 Dec 5. PMID:22144573

Murabito JM, White CC, Kavousi M, Sun YY, Feitosa MF, Nambi V, Lamina C, Schillert A, Coassin S, Bis JC, Broer L, Crawford DC, Franceschini N, Frikke-Schmidt R, Haun M, Holewijn S, Huffman JE, Hwang SJ, Kiechl S, Kollerits B, Montasser ME, Nolte IM, Rudock ME, Senft A, Teumer A, van der Harst P, Vitart V, Waite LL, Wood AR, Wassel CL, Absher DM, Allison MA, Amin N, Arnold A, Asselbergs FW, Aulchenko Y, Bandinelli S, Barbalic M, Boban M, Brown-Gentry K, Couper DJ, Criqui MH, Dehghan A, den Heijer M, Dieplinger B, Ding J, Dörr M, Espinola-Klein C, Felix SB, Ferrucci L, Folsom AR, Fraedrich G, Gibson Q, Goodloe R, Gunjaca G, Haltmayer M, **Heiss G**, Hofman A, Kieback A, Kiemenev LA, Kolcic I, Kullo IJ, Kritchevsky SB, Lackner KJ, Li X, Lieb W,

Lohman K, Meisinger C, Melzer D, Mohler ER 3rd, Mudnic I, Mueller T, Navis G, Oberhollenzer F, Olin JW, O'Connell J, O'Donnell CJ, Palmas W, Penninx BW, Petersmann A, Polasek O, Psaty BM, Rantner B, Rice K, Rivadeneira F, Rotter JI, Seldenrijk A, Stadler M, Summerer M, Tanaka T, Tybjærg-Hansen A, Uitterlinden AG, van Gilst WH, Vermeulen SH, Wild SH, Wild PS, Willeit J, Zeller T, Zemunik T, Zgaga L, Assimes TL, Blankenberg S, Boerwinkle E, Campbell H, Cooke JP, de Graaf J, Herrington D, Kardia SL, Mitchell BD, Murray A, Münzel T, Newman A, Oostra BA, Rudan I, Shuldiner AR, Snieder H, van Duijn CM, Völker U, Wright AF, Wichmann HE, Wilson JF, Witteman JC, Liu Y, Hayward C, Borecki IB, Ziegler A, North KE, Cupples LA, Kronenberg F. Association Between Chromosome 9p21 Variants and the Ankle-Brachial Index Identified by a Meta-Analysis of 21 Genome-Wide Association Studies. *Circ Cardiovasc Genet*. 2011 Dec 23. [Epub ahead of print] PMID:22199011

Wassel CL, Lamina C, Nambi V, Coassin S, Mukamal KJ, Ganesh SK, Jacobs DR Jr, Franceschini N, Papanicolaou GJ, Gibson Q, Yanek LR, van der Harst P, Ferguson JF, Crawford DC, Waite LL, Allison MA, Criqui MH, McDermott MM, Mehra R, Cupples LA, Hwang SJ, Redline S, Kaplan RC, **Heiss G**, Rotter JI, Boerwinkle E, Taylor HA, Eraso LH, Haun M, Li M, Meisinger C, O'Connell JR, Shuldiner AR, Tybjærg-Hansen A, Frikke-Schmidt R, Kollerits B, Rantner B, Dieplinger B, Stadler M, Mueller T, Haltmayer M, Klein-Weigel P, Summerer M, Wichmann HE, Asselbergs FW, Navis G, Leach IM, Brown-Gentry K, Goodloe R, Assimes TL, Becker DM, Cooke JP, Absher DM, Olin JW, Mitchell BD, Reilly MP, Mohler ER 3rd, North KE, Reiner AP, Kronenberg F, Murabito JM. Genetic determinants of the ankle-brachial index: A meta-analysis of a cardiovascular candidate gene 50K SNP panel in the candidate gene association resource (CARE) consortium. *Atherosclerosis*. 2012 Feb 2. [Epub ahead of print] PMID:22361517

Agrawal A, Freedman ND, Cheng YC, Lin P, Shaffer JR, Sun Q, Taylor K, Yaspan B, Cole JW, Cornelis MC, DeSensi RS, Fitzpatrick A, **Heiss G**, Kang JH, O'Connell J, Bennett S, Bookman E, Bucholz KK, Caporaso N, Crout R, Dick DM, Edenberg HJ, Goate A, Hesselbrock V, Kittner S, Kramer J, Nurnberger JI Jr, Qi L, Rice JP, Schuckit M, van Dam RM, Boerwinkle E, Hu F, Levy S, Marazita M, Mitchell BD, Pasquale LR, Bierut LJ; GENEVA Consortium. Measuring alcohol consumption for genomic meta-analyses of alcohol intake: opportunities and challenges. *Am J Clin Nutr*. 2012 Mar;95(3):539-47. Epub 2012 Feb 1. Review. PMID:22301922

Rosamond WD, Chang PP, Baggett C, Johnson A, Bertoni AG, Shahar E, Deswal A, **Heiss G**, Chambless LE. Classification of Heart Failure in the Atherosclerosis Risk in Communities (ARIC) Study: A Comparison of Diagnostic Criteria. *Circ Heart Fail*. 2012 Mar 1;5(2):152-9. Epub 2012 Jan 23. PMID:22271752

Carty CL, Buzková P, Fornage M, Franceschini N, Cole S, **Heiss G**, Hindorff LA, Howard BV, Mann S, Martin LW, Zhang Y, Matise TC, Prentice R, Reiner AP, Kooperberg C. Associations between incident ischemic stroke events and stroke and cardiovascular disease-related genome-wide association studies single nucleotide polymorphisms in the population architecture using genomics and epidemiology study. *Circ Cardiovasc Genet*. 2012 Apr 1;5(2):210-6. Epub 2012 Mar 8. PMID:22403240

◆ Agarwal SK, **Heiss G**, Barr RG, Chang PP, Loehr LR, Chambless LE, Shahar E, Kitzman DW, Rosamond WD. Airflow obstruction, lung function, and risk of incident heart failure: the Atherosclerosis Risk in Communities (ARIC) study. *Eur J Heart Fail*. 2012 Apr;14(4):414-22. Epub 2012 Feb 25. PMID:22366234

Rosamond WD, Chambless LE, **Heiss G**, Mosley TH, Coresh J, Whitsel E, Wagenknecht L, Ni H, Folsom AR. *Circulation*. 2012 Apr 17;125(15):1848-57. Epub 2012 Mar 15. Twenty-Two-Year

Trends in Incidence of Myocardial Infarction, Coronary Heart Disease Mortality, and Case Fatality in 4 US Communities, 1987-2008. PMID:22420957

◆ Agarwal SK, Chambless LE, Ballantyne CM, Astor B, Bertoni AG, Chang PP, Folsom AR, He M, Hoogeveen RC, Ni, H, Quibrera PM, Rosamond WD, Russell SD, Shahar E, **Heiss G**. Prediction of Incident Heart Failure in General Practice: The ARIC Study. *Circ Heart Fail*. 2012 Jul 1;5(4):422-9. PMID: 22589298

Rose KM, Foraker RE, **Heiss G**, Rosamond WD, Suchindran CM, Whitsel EA. Neighborhood socioeconomic and racial disparities in angiography and coronary revascularization: the ARIC surveillance study. *Ann Epidemiol*. 2012 Sep;22(9):623-9. PMID: 22809799

Schneider AL, Pankow JS, **Heiss G**, Selvin E. Validity and Reliability of Self-reported Diabetes in the Atherosclerosis Risk in Communities Study. *Am J Epidemiol*. 2012 Oct 7. PMID: 23013620

Avery CL, Loehr LR, Baggett C, Chang PP, Kucharska-Newton AM, Matsushita K, Rosamond WD, **Heiss G**. The Population Burden of Heart Failure Attributable to Modifiable Risk Factors: The ARIC (Atherosclerosis Risk in Communities) Study. *J Am Coll Cardiol*. 2012 Sep 18. pii: S0735-1097(12)02899-9. PMID: 23021327

Foraker RE, Patel MD, Whitsel EA, Suchindran CM, **Heiss G**, Rose KM. Neighborhood socioeconomic disparities and 1-year case fatality after incident myocardial infarction: the Atherosclerosis Risk in Communities (ARIC) Community Surveillance (1992-2002). *Am Heart J*. 2013 Jan;165(1):102-7. doi: 10.1016/j.ahj.2012.10.022. Epub 2012 Nov 20. PMID: 23237140

Deo R, Nalls MA, Avery CL, Gustav Smith J, Evans DS, Keller MF, Butler AM, Buxbaum SG, Guo Li P, Miguel Quibrera P, Smith EN, Tanaka T, Akyzbekova EL, Alonso A, Arking DE, Benjamin EM, Berenson GS, Bis JC, Chen LY, Chen W, Cummings SR, Ellinor PT, Evans MK, Ferrucci L, Fox ER, Heckbert SR, **Heiss G**, Hsueh WC, Kerr KF, Limacher MC, Liu Y, Lubitz SA, Magnani JW, Mehra R, Marcus GM, Murray SS, Newman AB, Njajou O, North KE, Paltoo DN, Psaty BM, Redline SS, Reiner AP, Robinson JG, Rotter JI, Samdarshi TE, Schnabel RB, Schork NJ, Singleton AB, Siscovick D, Soliman EZ, Sotoodehnia N, Srinivasan SR, Taylor HA, Trevisan M, Zhang ZM, Zonderman AB, Newton-Cheh C, Whitsel EA. Common genetic variation near the Connexin-43 gene is associated with resting heart rate in African Americans: A Genome-wide Association Study of 13,372 participants. *Heart Rhythm*. 2012 Nov 23. PMID: 23183192

Divers J, Palmer ND, Lu L, Register TC, Carr JJ, Hicks PJ, Hightower RC, Smith SC, Xu J, Cox AJ, Hruska KA, Bowden DW, Lewis CE, **Heiss G**, Province MA, Borecki IB, Kerr KF, Chen YD, Palmas W, Rotter JI, Wassel CL, Bertoni A, Herrington D, Wagenknecht LE, Langefeld CD, Freedman BI. Admixture Mapping of Coronary Artery Calcified Plaque in African Americans with Type 2 Diabetes. *Circ Cardiovasc Genet*. 2012 Dec 11 PMID: 23233742

Rosenthal EA, Ranchalis J, Crosslin DR, Burt A, Brunzell JD, Motulsky AG, Nickerson DA; NHLBI GO Exome Sequencing Project, Wijsman EM, Jarvik GP. Joint linkage and association analysis with exome sequence data implicates SLC25A40 in hypertriglyceridemia. *Am J Hum Genet*. 2013 Dec 5;93(6):1035-45. PMID: 24268658

Butler AM, Yin X, Evans DS, Nalls MA, Smith EN, Tanaka T, Li G, Buxbaum SG, Whitsel EA, Alonso A, Arking DE, Benjamin EJ, Berenson GS, Bis JC, Chen W, Deo R, Ellinor PT, Heckbert SR, **Heiss G**, Hsueh WC, Keating BJ, Kerr KF, Li Y, Limacher MC, Liu Y, Lubitz SA, Marcicante KD, Mehra R, Meng YA, Newman AB, Newton-Cheh C, North KE, Palmer CD, Psaty BM, Quibrera PM, Redline S, Reiner AP, Rotter JI, Schnabel RB, Schork NJ, Singleton AB, Smith JG, Soliman

EZ, Srinivasan SR, Zhang ZM, Zonderman AB, Ferrucci L, Murray SS, Evans MK, Sotoodehnia N, Magnani JW, Avery CL. Novel Loci Associated With PR Interval in a Genome-Wide Association Study of 10 African American Cohorts. *Circ Cardiovasc Genet*. 2012 Dec 1;5(6):639-46. PMID: 23139255

Fox ER, Musani SK, Barbalic M, Lin H, Yu B, Ogunyankin KO, Smith NL, Kutlar A, Glazer NL, Post WS, Paltoo DN, Dries DL, Farlow DN, Duarte CW, Kardia SL, Meyers KJ, Sun YV, Arnett DK, Patki AA, Sha J, Cui X, Samdarshi TE, Penman AD, Bibbins-Domingo K, Buzková P, Benjamin EJ, Bluemke DA, Morrison AC, **Heiss G**, Carr JJ, Tracy RP, Mosley TH, Taylor HA, Psaty BM, Heckbert SR, Cappola TP, Vasani RS. Genome-Wide Association Study of Cardiac Structure and Systolic Function in African Americans: The Candidate Gene Association Resource (CARE) Study. *Circ Cardiovasc Genet*. 2012 Dec 28. PMID: 23275298

Bang H, Chiu YL, Kaufman JS, Patel MD, **Heiss G**, Rose KM. Bias Correction Methods for Misclassified Covariates in the Cox Model: comparison of five correction methods by simulation and data analysis. *J Stat Theory Pract*. 2013 Jan 1;7(2):381-400. PMID: 24072991

Foraker RE, Patel MD, Whitsel EA, Suchindran CM, **Heiss G**, Rose KM. Neighborhood socioeconomic disparities and 1-year case fatality after incident myocardial infarction: the Atherosclerosis Risk in Communities (ARIC) Community Surveillance (1992-2002). *Am Heart J*. 2013 Jan;165(1):102-7. PMID: 23237140

Pendergrass SA, Brown-Gentry K, Dudek S, Frase A, Torstenson ES, Goodloe R, Ambite JL, Avery CL, Buyske S, Bůžková P, Deelman E, Fesinmeyer MD, Haiman CA, **Heiss G**, Hindorff LA, Hsu CN, Jackson RD, Kooperberg C, Le Marchand L, Lin Y, Matise TC, Monroe KR, Moreland L, Park SL, Reiner A, Wallace R, Wilkens LR, Crawford DC, Ritchie MD. Phenome-wide association study (PheWAS) for detection of pleiotropy within the Population Architecture using Genomics and Epidemiology (PAGE) Network. *PLoS Genet*. 2013 Jan;9(1):e1003087. PMID: 23382687

Fu W, O'Connor TD, Jun G, Kang HM, Abecasis G, Leal SM, Gabriel S, Rieder MJ, Altshuler D, Shendure J, Nickerson DA, Bamshad MJ; NHLBI Exome Sequencing Project, Akey JM. Analysis of 6,515 exomes reveals the recent origin of most human protein-coding variants. *Nature*. 2013 Jan 10;493(7431):216-20. Erratum in: *Nature*. 2013 Mar 14;495(7440):270. Rieder, Mark J [added]. PMID: 23201682

Legrys VA, Funk MJ, Lorenz CE, Giri A, Jackson RD, Manson JE, Schectman R, Edwards TL, **Heiss G**, Hartmann KE. Subclinical Hypothyroidism and Risk for Incident Myocardial Infarction Among Postmenopausal Women. *J Clin Endocrinol Metab*. 2013 Mar 28. [PMID: 23539723]

Zhang L, Spencer KL, Voruganti VS, Jorgensen NW, Fornage M, Best LG, Brown-Gentry KD, Cole SA, Crawford DC, Deelman E, Franceschini N, Gaffo AL, Glenn KR, **Heiss G**, Jenny NS, Kottgen A, Li Q, Liu K, Matise TC, North KE, Umans JG, Kao WH. Association of Functional Polymorphism rs2231142 (Q141K) in the ABCG2 Gene With Serum Uric Acid and Gout in 4 US Populations: The PAGE Study. *Am J Epidemiol*. 2013 Apr 3. PMID: 23552988

Norton N, Li D, Rampersaud E, Morales A, Martin ER, Zuchner S, Guo S, Gonzalez M, Hedges DJ, Robertson PD, Krumm N, Nickerson DA, Hershberger RE; National Heart, Lung, and Blood Institute GO Exome Sequencing Project and the Exome Sequencing Project Family Studies Project Team. Exome sequencing and genome-wide linkage analysis in 17 families illustrate the complex contribution of TTN truncating variants to dilated cardiomyopathy. *Circ Cardiovasc Genet*. 2013 Apr;6(2):144-53. PMID: 23418287

Luft VC, Pereira M, Pankow JS, Ballantyne C, Couper D, **Heiss G**, Duncan BB; ARIC Investigators. Retinol binding protein 4 and incident diabetes - the Atherosclerosis Risk in Communities Study (ARIC Study). *Rev Bras Epidemiol.* 2013 Jun;16(2):388-97.

Carlson CS, Matise TC, North KE, Haiman CA, Fesinmeyer MD, Buyske S, Schumacher FR, Peters U, Franceschini N, Ritchie MD, Duggan DJ, Spencer KL, Dumitrescu L, Eaton CB, Thomas F, Young A, Carty C, **Heiss G**, Le Marchand L, Crawford DC, Hindorff LA, Kooperberg CL; PAGE Consortium. Generalization and dilution of association results from European GWAS in populations of non-European ancestry: the PAGE study. *PLoS Biol.* 2013 Sep;11(9):e1001661. PMID: 24068893

Franceschini N, Fox E, Zhang Z, Edwards TL, Nalls MA, Sung YJ, Tayo BO, Sun YV, Gottesman O, Adeyemo A, Johnson AD, Young JH, Rice K, Duan Q, Chen F, Li Y, Tang H, Fornage M, Keene KL, Andrews JS, Smith JA, Faul JD, Guangfa Z, Guo W, Liu Y, Murray SS, Musani SK, Srinivasan S, Velez Edwards DR, Wang H, Becker LC, Bovet P, Bochud M, Broeckel U, Burnier M, Carty C, Chasman DI, Ehret G, Chen WM, Chen G, Chen W, Ding J, Dreisbach AW, Evans MK, Guo X, Garcia ME, Jensen R, Keller MF, Lettre G, Lotay V, Martin LW, Moore JH, Morrison AC, Mosley TH, Ogunniyi A, Palmas W, Papanicolaou G, Penman A, Polak JF, Ridker PM, Salako B, Singleton AB, Shriner D, Taylor KD, Vasan R, Wiggins K, Williams SM, Yanek LR, Zhao W, Zonderman AB, Becker DM, Berenson G, Boerwinkle E, Bottinger E, Cushman M, Eaton C, Nyberg F, **Heiss G**, Hirschhorn JN, Howard VJ, Karczewsk KJ, Lanktree MB, Liu K, Liu Y, Loos R, Margolis K, Snyder M; Asian Genetic Epidemiology Network Consortium, Psaty BM, Schork NJ, Weir DR, Rotimi CN, Sale MM, Harris T, Kardia SL, Hunt SC, Arnett D, Redline S, Cooper RS, Risch NJ, Rao DC, Rotter JI, Chakravarti A, Reiner AP, Levy D, Keating BJ, Zhu X. Genome-wide association analysis of blood-pressure traits in African-ancestry individuals reveals common associated genes in African and non-African populations. *Am J Hum Genet.* 2013 Sep 5;93(3):545-54. PMID: 23972371

Guo DC, Regalado E, Casteel DE, Santos-Cortez RL, Gong L, Kim JJ, Dyack S, Horne SG, Chang G, Jondeau G, Boileau C, Coselli JS, Li Z, Leal SM, Shendure J, Rieder MJ, Bamshad MJ, Nickerson DA; GenTAC Registry Consortium; National Heart, Lung, and Blood Institute Grand Opportunity Exome Sequencing Project, Kim C, Milewicz DM. Recurrent gain-of-function mutation in PRKG1 causes thoracic aortic aneurysms and acute aortic dissections. *Am J Hum Genet.* 2013 Aug 8;93(2):398-404. PMID: 23910461

LeGrys VA, Funk MJ, Lorenz CE, Giri A, Jackson RD, Manson JE, Schectman R, Edwards TL, **Heiss G**, Hartmann KE. Subclinical hypothyroidism and risk for incident myocardial infarction among postmenopausal women. *J Clin Endocrinol Metab.* 2013 Jun;98(6):2308-17. PMID: 23539723

Loehr LR, Agarwal SK, Baggett C, Wruck LM, Chang PP, Solomon SD, Shahar E, Ni H, Rosamond WD, **Heiss G**. Classification of acute decompensated heart failure: an automated algorithm compared with a physician reviewer panel: the Atherosclerosis Risk in Communities study. *Circ Heart Fail.* 2013 Jul;6(4):719-26. PMID: 23650310

Johnsen JM, Auer PL, Morrison AC, Jiao S, Wei P, Haessler J, Fox K, McGee SR, Smith JD, Carlson CS, Smith N, Boerwinkle E, Kooperberg C, Nickerson DA, Rich SS, Green D, Peters U, Cushman M, Reiner AP; NHLBI Exome Sequencing Project. Common and rare von Willebrand factor (VWF) coding variants, VWF levels, and factor VIII levels in African Americans: the NHLBI Exome Sequencing Project. *Blood.* 2013 Jul 25;122(4):590-7. PMID: 23690449

Zheng Y, Yu B, Alexander D, Manolio TA, Aguilar D, Coresh J, **Heiss G**, Boerwinkle E, Nettleton JA. Associations between metabolomic compounds and incident heart failure among African Americans: the ARIC Study. *Am J Epidemiol.* 2013 Aug 15;178(4):534-42. PMID: 23788672

Zheng Y, Yu B, Alexander D, Mosley TH, **Heiss G**, Nettleton JA, Boerwinkle E. Metabolomics and incident hypertension among blacks: the atherosclerosis risk in communities study. *Hypertension*. 2013 Aug;62(2):398-403. PMID: 23774226

Morrison AC, Voorman A, Johnson AD, Liu X, Yu J, Li A, Muzny D, Yu F, Rice K, Zhu C, Bis J, **Heiss G**, O'Donnell CJ, Psaty BM, Cupples LA, Gibbs R, Boerwinkle E; Cohorts for Heart and Aging Research in Genetic Epidemiology (CHARGE) Consortium. Whole-genome sequence-based analysis of high-density lipoprotein cholesterol. *Nat Genet*. 2013 Aug;45(8):899-901. PMID: 23770607

Demerath EW, Liu CT, Franceschini N, Chen G, Palmer JR, Smith EN, Chen CT, Ambrosone CB, Arnold AM, Bandera EV, Berenson GS, Bernstein L, Britton A, Cappola AR, Carlson CS, Chanock SJ, Chen W, Chen Z, Deming SL, Elks CE, Evans MK, Gajdos Z, Henderson BE, Hu JJ, Ingles S, John EM, Kerr KF, Kolonel LN, Le Marchand L, Lu X, Millikan RC, Musani SK, Nock NL, North K, Nyante S, Press MF, Rodriguez-Gil JL, Ruiz-Narvaez EA, Schork NJ, Srinivasan SR, Woods NF, Zheng W, Ziegler RG, Zonderman A, **Heiss G**, Gwen Windham B, Wellons M, Murray SS, Nalls M, Pastinen T, Rajkovic A, Hirschhorn J, Adrienne Cupples L, Kooperberg C, Murabito JM, Haiman CA. Genome-wide association study of age at menarche in African-American women. *Hum Mol Genet*. 2013 Aug 15;22(16):3329-46. PMID: 23599027

Zhang L, Spencer KL, Voruganti VS, Jorgensen NW, Fornage M, Best LG, Brown-Gentry KD, Cole SA, Crawford DC, Deelman E, Franceschini N, Gaffo AL, Glenn KR, **Heiss G**, Jenny NS, Kottgen A, Li Q, Liu K, Matise TC, North KE, Umans JG, Kao WH. Association of functional polymorphism rs2231142 (Q141K) in the ABCG2 gene with serum uric acid and gout in 4 US populations: the PAGE Study. *Am J Epidemiol*. 2013 May 1;177(9):923-32. PMID: 23552988

Pendergrass SA, Brown-Gentry K, Dudek S, Frase A, Torstenson ES, Goodloe R, Ambite JL, Avery CL, Buyske S, Bůžková P, Deelman E, Fesinmeyer MD, Haiman CA, **Heiss G**, Hindorff LA, Hsu CN, Jackson RD, Kooperberg C, Le Marchand L, Lin Y, Matise TC, Monroe KR, Moreland L, Park SL, Reiner A, Wallace R, Wilkens LR, Crawford DC, Ritchie MD. Phenome-wide association study (PheWAS) for detection of pleiotropy within the Population Architecture using Genomics and Epidemiology (PAGE) Network. *PLoS Genet*. 2013;9(1):e1003087. PMID: 23382687

Duan Q, Liu EY, Auer PL, Zhang G, Lange EM, Jun G, Bizon C, Jiao S, Buyske S, Franceschini N, Carlson CS, Hsu L, Reiner AP, Peters U, Haessler J, Curtis K, Wassel CL, Robinson JG, Martin LW, Haiman CA, Le Marchand L, Matise TC, Hindorff LA, Crawford DC, Assimes TL, Kang HM, **Heiss G**, Jackson RD, Kooperberg C, Wilson JG, Abecasis GR, North KE, Nickerson DA, Lange LA, Li Y. Imputation of coding variants in African Americans: better performance using data from the exome sequencing project. *Bioinformatics*. 2013 Nov 1;29(21):2744-9. doi: 10.1093/bioinformatics/btt477. PMID: 23956302

Agarwal SK, Alonso A, Whelton SP, Soliman EZ, Rose KM, Chamberlain AM, Simpson RJ Jr, Coresh J, **Heiss G**. Orthostatic change in blood pressure and incidence of atrial fibrillation: results from a bi-ethnic population based study. *PLoS One*. 2013 Nov 11;8(11):e79030. PMID: 24244409

Nambi V, Liu X, Chambless LE, de Lemos JA, Virani SS, Agarwal S, Boerwinkle E, Hoogeveen RC, Aguilar D, Astor BC, Srinivas PR, Deswal A, Mosley TH, Coresh J, Folsom AR, **Heiss G**, Ballantyne CM. Troponin T and N-terminal pro-B-type natriuretic peptide: a biomarker approach to predict heart failure risk--the atherosclerosis risk in communities study. *Clin Chem*. 2013 Dec;59(12):1802-10. PMID: 24036936

Naorungroj S, Schoenbach VJ, Beck J, Mosley TH, Gottesman RF, Alonso A, **Heiss G**, Slade GD. Cross-sectional associations of oral health measures with cognitive function in late middle-aged adults: a community-based study. *J Am Dent Assoc.* 2013 Dec;144(12):1362-71. PMID: 24282266

◆ Snyder ML, Soliman EZ, Whitsel EA, Gellert KS, **Heiss G**. Short-term repeatability of electrocardiographic P wave indices and PR interval. *J Electrocardiol.* 2014 Mar-Apr;47(2):257-63. PMID: 24360345

Li J, Agarwal SK, Alonso A, Blecker S, Chamberlain AM, London SJ, Loehr LR, McNeill AM, Poole C, Soliman EZ, **Heiss G**. Airflow obstruction, lung function, and incidence of atrial fibrillation: the Atherosclerosis Risk in Communities (ARIC) study. *Circulation.* 2014 Mar 4;129(9):971-80. PMID: 24344084

Shah AM, Cheng S, Skali H, Wu J, Mangion JR, Kitzman D, Matsushita K, Konety S, Butler KR, Fox ER, Cook N, Ni H, Coresh J, Mosley TH, **Heiss G**, Folsom AR, Solomon SD. Rationale and design of a multicenter echocardiographic study to assess the relationship between cardiac structure and function and heart failure risk in a biracial cohort of community-dwelling elderly persons: the Atherosclerosis Risk in Communities study. *Circ Cardiovasc Imaging.* 2014 Jan;7(1):173-81. PMID: 24214885

Gordon AS, Tabor HK, Johnson AD, Snively BM, Assimes TL, Auer PL, Ioannidis JP, Peters U, Robinson JG, Sucheston LE, Wang D, Sotoodehnia N, Rotter JI, Psaty BM, Jackson RD, Herrington DM, O'Donnell CJ, Reiner AP, Rich SS, Rieder MJ, Bamshad MJ, Nickerson DA; NHLBI GO Exome Sequencing Project. Quantifying rare, deleterious variation in 12 human cytochrome P450 drug-metabolism genes in a large-scale exome dataset. *Hum Mol Genet.* 2014 Apr 15;23(8):1957-63. doi: 10.1093/hmg/ddt588. Epub 2013 Nov 26. PMID: 24282029

Gottesman RF, Rawlings AM, Sharrett AR, Albert M, Alonso A, Bandeen-Roche K, Coker LH, Coresh J, Couper DJ, Griswold ME, **Heiss G**, Knopman DS, Patel MD, Penman AD, Power MC, Selnes OA, Schneider AL, Wagenknecht LE, Windham BG, Wruck LM, Mosley TH. Impact of differential attrition on the association of education with cognitive change over 20 years of follow-up: the ARIC neurocognitive study. *Am J Epidemiol.* 2014 Apr 15;179(8):956-66. PMID: 24627572

Park SL, Fesinmeyer MD, Timofeeva M, Caberto CP, Kocarnik JM, Han Y, Love SA, Young A, Dumitrescu L, Lin Y, Goodloe R, Wilkens LR, Hindorff L, Fowke JH, Carty C, Buyske S, Schumacher FR, Butler A, Dilks H, Deelman E, Cote ML, Chen W, Pande M, Christiani DC, Field JK, Bickebller H, Risch A, Heinrich J, Brennan P, Wang Y, Eisen T, Houlston RS, Thun M, Albanes D, Caporaso N, Peters U, North KE, **Heiss G**, Crawford DC, Bush WS, Haiman CA, Landi MT, Hung RJ, Kooperberg C, Amos CI, Le Marchand L, Cheng I. Pleiotropic associations of risk variants identified for other cancers with lung cancer risk: the PAGE and TRICL consortia. *J Natl Cancer Inst.* 2014 Apr;106(4):dju061. PMID: 24681604

Snyder ML, Love SA, Sorlie PD, Rosamond WD, Antini C, Metcalf PA, Hardy S, Suchindran CM, Shahar E, **Heiss G**. Redistribution of heart failure as the cause of death: the Atherosclerosis Risk in Communities Study. *Popul Health Metr.* 2014 Apr 10;12(1):10. doi: 10.1186/1478-7954-12-10. PMID: 24716810

Kuniholm MH, Jung M, Everhart JE, Cotler S, **Heiss G**, McQuillan G, Kim RS, Strickler HD, Thyagarajan B, Youngblood M, Kaplan RC, Ho GY. Prevalence of hepatitis C virus infection in US Hispanic/Latino adults: results from the NHANES 2007-2010 and HCHS/SOL studies. Kuniholm MH, Jung M, Everhart JE, Cotler S, Heiss G, McQuillan G, Kim RS, Strickler HD, Thyagarajan B, Youngblood M, Kaplan RC, Ho GY. *J Infect Dis.* 2014 May 15;209(10):1585-90. PMID: 24423693

◆ Gellert KS, Rautaharju P, Snyder ML, Whitsel EA, Matsushita K, **Heiss G**, Soliman EZ. Short-term repeatability of electrocardiographic Tpeak-Tend and QT intervals. *J Electrocardiol*. 2014 May-Jun;47(3):356-61. PMID: 24792986

Chen CT, Liu CT, Chen GK, Andrews JS, Arnold AM, Dreyfus J, Franceschini N, Garcia ME, Kerr KF, Li G, Lohman KK, Musani SK, Nalls MA, Raffel LJ, Smith J, Ambrosone CB, Bandera EV, Bernstein L, Britton A, Brzyski RG, Cappola A, Carlson CS, Couper D, Deming SL, Goodarzi MO, **Heiss G**, John EM, Lu X, Le Marchand L, Marciante K, Mcknight B, Millikan R, Nock NL, Olshan AF, Press MF, Vaiyda D, Woods NF, Taylor HA, Zhao W, Zheng W, Evans MK, Harris TB, Henderson BE, Kardia SL, Kooperberg C, Liu Y, Mosley TH, Psaty B, Wellons M, Windham BG, Zonderman AB, Cupples LA, Demerath EW, Haiman C, Murabito JM, Rajkovic A. Meta-analysis of loci associated with age at natural menopause in African-American women. *Hum Mol Genet*. 2014 Jun 15;23(12):3327-42. PMID: 24493794

Giri A, Edwards TL, LeGrys VA, Lorenz CE, Funk MJ, Schectman R, **Heiss G**, Robinson JG, Hartmann KE. Subclinical hypothyroidism and risk for incident ischemic stroke among postmenopausal women. *Thyroid*. 2014 Aug;24(8):1210-7. PMID: 24827923

Liu CT, Young KL, Brody JA, Olden M, Wojczynski MK, Heard-Costa N, Li G, Morrison AC, Muzny D, Gibbs RA, Reid JG, Shao Y, Zhou Y, Boerwinkle E, **Heiss G**, Wagenknecht L, McKnight B, Borecki IB, Fox CS, North KE, Cupples LA. Sequence variation in TMEM18 in association with body mass index: Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium Targeted Sequencing Study. *Circ Cardiovasc Genet*. 2014 Jun;7(3):344-9. doi: 10.1161/CIRCGENETICS.13.000067. PMID: 24951660

Schneiderman N, Llabre M, Cowie CC, Barnhart J, Carnethon M, Gallo LC, Giachello AL, **Heiss G**, Kaplan RC, LaVange LM, Teng Y, Villa-Caballero L, Avilés-Santa ML. Prevalence of diabetes among Hispanics/Latinos from diverse backgrounds: the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Diabetes Care*. 2014 Aug;37(8):2233-9. PMID: 25061138

Heiss G, Snyder ML, Teng Y, Schneiderman N, Llabre MM, Cowie C, Carnethon M, Kaplan R, Giachello A, Gallo L, Loehr L, Avilés-Santa L. Prevalence of metabolic syndrome among Hispanics/Latinos of diverse background: the Hispanic Community Health Study/Study of Latinos. *Diabetes Care*. 2014 Aug;37(8):2391-9. PMID: 25061141

Caughey MC, Loehr LR, Key NS, Derebail VK, Gottesman RF, Kshirsagar AV, Grove ML, **Heiss G**. Sickle Cell Trait and Incident Ischemic Stroke in the Atherosclerosis Risk in Communities Study. *Stroke*. 2014 Aug 19. pii: STROKEAHA.114.006110. PMID: 25139879

Park SL, Caberto CP, Lin Y, Goodloe RJ, Dumitrescu L, Love SA, Matise TC, Hindorff LA, Fowke JH, Schumacher FR, Beebe-Dimmer J, Chen C, Hou L, Thomas F, Deelman E, Han Y, Peters U, North KE, **Heiss G**, Crawford DC, Haiman CA, Wilkens LR, Bush WS, Kooperberg C, Cheng I, Le Marchand L. Association of Cancer Susceptibility Variants with Risk of Multiple Primary Cancers: the Population Architecture using Genomics and Epidemiology Study. *Cancer Epidemiol Biomarkers Prev*. 2014 Aug 19. pii: cebp.0129.2014. PMID: 25139936

Gupta DK, Skali H, Claggett B, Kasabov R, Cheng S, Shah AM, Loehr LR, **Heiss G**, Nambi V, Aguilar D, Wruck LM, Matsushita K, Folsom AR, Rosamond WD, Solomon SD. Heart Failure Risk Across the Spectrum of Ankle-Brachial Index: The ARIC Study (Atherosclerosis Risk In Communities). *JACC Heart Fail*. 2014 Aug 27. pii: S2213-1779(14)00262-5. PMID: 25194293

Restrepo NA, Spencer KM, Goodloe R, Garrett TA, **Heiss G**, Bůžková P, Jorgensen N, Jensen RA, Matisse TC, Hindorff LA, Klein BE, Klein R, Wong TY, Cheng CY, Cornes BK, Tai ES, Ritchie MD, Haines J, Crawford DC. Genetic determinants of age-related macular degeneration in diverse populations from the PAGE Study. *Invest Ophthalmol Vis Sci*. 2014 Sep 9. pii: IOVS-14-14246. PMID: 25205864

Cheng S, Claggett B, Correia AW, Shah AM, Gupta DK, Skali H, Ni H, Rosamond WD, **Heiss G**, Folsom AR, Coresh J, Solomon SD. Temporal trends in the population attributable risk for cardiovascular disease: the atherosclerosis risk in communities study. *Circulation*. 2014 Sep 2;130(10):820-8. PMID: 25210095

Schneiderman N, Chirinos DA, Avilés-Santa ML, **Heiss G**. Challenges in Preventing Heart Disease in Hispanics: Early Lessons Learned from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Prog Cardiovasc Dis*. 2014 Aug 13. pii: S0033-0620(14)00128-5. PMID: 25212986

The Coffee and Caffeine Genetics Consortium, Cornelis MC, Byrne EM, Esko T, Nalls MA, Ganna A, Paynter N, Monda KL, Amin N, Fischer K, Renstrom F, Ngwa JS, Huikari V, Cavadino A, Nolte IM, Teumer A, Yu K, Marques-Vidal P, Rawal R, Manichaikul A, Wojczynski MK, Vink JM, Zhao JH, Burlutsky G, Lahti J, Mikkilä V, Lemaitre RN, Eriksson J, Musani SK, Tanaka T, Geller F, Luan J, Hui J, Mägi R, Dimitriou M, Garcia ME, Ho WK, Wright MJ, Rose LM, Magnusson PK, Pedersen NL, Couper D, Oostra BA, Hofman A, Ikram MA, Tiemeier HW, Uitterlinden AG, van Rooij FJ, Barroso I, Johansson I, Xue L, Kaakinen M, Milani L, Power C, Snieder H, Stolk RP, Baumeister SE, Biffar R, Gu F, Bastardot F, Kutalik Z, Jacobs DR Jr, Forouhi NG, Mihailov E, Lind L, Lindgren C, Michaëlsson K, Morris A, Jensen M, Khaw KT, Luben RN, Wang JJ, Männistö S, Perälä MM, Kähönen M, Lehtimäki T, Viikari J, Mozaffarian D, Mukamal K, Psaty BM, Döring A, Heath AC, Montgomery GW, Dahmen N, Carithers T, Tucker KL, Ferrucci L, Boyd HA, Melbye M, Treur JL, Mellström D, Hottenga JJ, Prokopenko I, Tönjes A, Deloukas P, Kanoni S, Lorentzon M, Houston DK, Liu Y, Danesh J, Rasheed A, Mason MA, Zonderman AB, Franke L, Kristal BS; International Parkinson's Disease Genomics Consortium (IPDGC); North American Brain Expression Consortium (NABEC); UK Brain Expression Consortium (UKBEC), Karjalainen J, Reed DR, Westra HJ, Evans MK, Saleheen D, Harris TB, Dedoussis G, Curhan G, Stumvoll M, Beilby J, Pasquale LR, Feenstra B, Bandinelli S, Ordovas JM, Chan AT, Peters U, Ohlsson C, Gieger C, Martin NG, Waldenberger M, Siscovick DS, Raitakari O, Eriksson JG, Mitchell P, Hunter DJ, Kraft P, Rimm EB, Boomsma DI, Borecki IB, Loos RJ, Wareham NJ, Vollenweider P, Caporaso N, Grabe HJ, Neuhauser ML, Wolfenbutter BH, Hu FB, Hyppönen E, Jarvelin MR, Cupples LA, Franks PW, Ridker PM, van Duijn CM, **Heiss G**, Metspalu A, North KE, Ingelsson E, Nettleton JA, van Dam RM, Chasman DI. Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Mol Psychiatry*. 2014 Oct 7. doi:10.1038/mp.2014.107. PMID: 25288136

Franceschini N, Hu Y, Reiner AP, Buyske S, Nalls M, Yanek LR, Li Y, Hindorff LA, Cole SA, Howard BV, Stafford JM, Carty CL, Sethupathy P, Martin LW, Lin DY, Johnson KC, Becker LC, North KE, Dehghan A, Bis JC, Liu Y, Greenland P, Manson JE, Maeda N, Garcia M, Harris TB, Becker DM, O'Donnell C, **Heiss G**, Kooperberg C, Boerwinkle E. Prospective associations of coronary heart disease loci in African Americans using the MetaboChip: the PAGE study. *PLoS One*. 2014 Dec 26;9(12):e113203. PMID: 25542012

Robbins JM, Petrone AB, Ellison RC, Hunt SC, Carr JJ, **Heiss G**, Arnett DK, Gaziano JM, Djoussé L. Association of egg consumption and calcified atherosclerotic plaque in the coronary arteries: the NHLBI Family Heart Study. *ESPEN J*. 2014 Jun;9(3):e131-e135. PMID: 25642410

Lin DY, Tao R, Kalsbeek WD, Zeng D, Gonzalez F 2nd, Fernández-Rhodes L, Graff M, Koch GG, North KE, **Heiss G**. Genetic association analysis under complex survey sampling: the Hispanic Community Health Study/Study of Latinos. *Am J Hum Genet*. 2014 Dec 4;95(6):675-88. PMID: 25480034

Sanders AE, Divaris K, Naorungroj S, **Heiss G**, Risques RA. Telomere length attrition and chronic periodontitis: an ARIC Study nested case-control study. *J Clin Periodontol*. 2015 Jan;42(1):12-20. PMID: 25418689

Pokharel Y, Sun W, de Lemos JA, Taffet GE, Virani SS, Ndumele CE, Mosley TH, Hoogeveen RC, Coresh J, Wright JD, **Heiss G**, Boerwinkle EA, Bozkurt B, Solomon SD, Ballantyne CM, Nambi V. High-sensitivity troponin T and cardiovascular events in systolic blood pressure categories: atherosclerosis risk in communities study. *Hypertension*. 2015 Jan;65(1):78-84. PMID: 25350984

Davies G, Armstrong N, Bis JC, Bressler J, Chouraki V, Giddaluru S, Hofer E, Ibrahim-Verbaas CA, Kirin M, Lahti J, van der Lee SJ, Le Hellard S, Liu T, Marioni RE, Oldmeadow C, Postmus I, Smith AV, Smith JA, Thalamuthu A, Thomson R, Vitart V, Wang J, Yu L, Zgaga L, Zhao W, Boxall R, Harris SE, Hill WD, Liewald DC, Luciano M, Adams H, Ames D, Amin N, Amouyel P, Assareh AA, Au R, Becker JT, Beiser A, Berr C, Bertram L, Boerwinkle E, Buckley BM, Campbell H, Corley J, De Jager PL, Dufouil C, Eriksson JG, Espeseth T, Faul JD, Ford I; Generation Scotland, Gottesman RF, Griswold ME, Gudnason V, Harris TB, **Heiss G**, Hofman A, Holliday EG, Huffman J, Kardina SL, Kochan N, Knopman DS, Kwok JB, Lambert JC, Lee T, Li G, Li SC, Loitfelder M, Lopez OL, Lundervold AJ, Lundqvist A, Mather KA, Mirza SS, Nyberg L, Oostra BA, Palotie A, Papenberg G, Pattie A, Petrovic K, Polasek O, Psaty BM, Redmond P, Reppermund S, Rotter JI, Schmidt H, Schuur M, Schofield PW, Scott RJ, Steen VM, Stott DJ, van Swieten JC, Taylor KD, Trollor J, Trompet S, Uitterlinden AG, Weinstein G, Widen E, Windham BG, Jukema JW, Wright AF, Wright MJ, Yang Q, Amieva H, Attia JR, Bennett DA, Brodaty H, de Craen AJ, Hayward C, Ikram MA, Lindenberger U, Nilsson LG, Porteous DJ, Räikkönen K, Reinvang I, Rudan I, Sachdev PS, Schmidt R, Schofield PR, Srikanth V, Starr JM, Turner ST, Weir DR, Wilson JF, van Duijn C, Launer L, Fitzpatrick AL, Seshadri S, Mosley TH Jr, Deary IJ. Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53949). *Mol Psychiatry*. 2015 Feb;20(2):183-92. doi: 10.1038/mp.2014.188. Epub 2015 Feb 3. PMID: 25644384

Naorungroj S, Schoenbach VJ, Wruck L, Mosley TH, Gottesman RF, Alonso A, **Heiss G**, Beck J, Slade GD. Tooth loss, periodontal disease, and cognitive decline in the Atherosclerosis Risk in Communities (ARIC) study. *Community Dent Oral Epidemiol*. 2015 Feb;43(1):47-57. PMID: 25363061

Do R, Stitzel NO, Won HH, Jørgensen AB, Duga S, Angelica Merlini P, Kiezun A, Farrall M, Goel A, Zuk O, Guella I, Asselta R, Lange LA, Peloso GM, Auer PL; NHLBI Exome Sequencing Project, Girelli D, Martinelli N, Farlow DN, DePristo MA, Roberts R, Stewart AF, Saleheen D, Danesh J, Epstein SE, Sivapalaratnam S, Hovingh GK, Kastelein JJ, Samani NJ, Schunkert H, Erdmann J, Shah SH, Kraus WE, Davies R, Nikpay M, Johansen CT, Wang J, Hegele RA, Hechter E, Marz W, Kleber ME, Huang J, Johnson AD, Li M, Burke GL, Gross M, Liu Y, Assimes TL, **Heiss G**, Lange EM, Folsom AR, Taylor HA, Olivieri O, Hamsten A, Clarke R, Reilly DF, Yin W, Rivas MA, Donnelly P, Rossouw JE, Psaty BM, Herrington DM, Wilson JG, Rich SS, Bamshad MJ, Tracy RP, Cupples LA, Rader DJ, Reilly MP, Spertus JA, Cresci S, Hartiala J, Tang WH, Hazen SL, Allayee H, Reiner AP, Carlson CS, Kooperberg C, Jackson RD, Boerwinkle E, Lander ES, Schwartz SM, Siscovick DS, McPherson R, Tybjaerg-Hansen A, Abecasis GR, Watkins H, Nickerson DA, Ardissino D, Sunyaev SR, O'Donnell CJ, Altshuler D, Gabriel S, Kathiresan S. Exome sequencing identifies rare

LDLR and APOA5 alleles conferring risk for myocardial infarction. *Nature*. 2015 Feb 5;518(7537):102-6. PMID: 25487149

Franceschini N, Gouskova NA, Reiner AP, Bostom A, Howard BV, Pettinger M, Umans JG, Brookhart MA, Winkelmayr WC, Eaton CB, **Heiss G**, Fine JP. Adiposity patterns and the risk for ESRD in postmenopausal women. *Clin J Am Soc Nephrol*. 2015 Feb 6;10(2):241-50. PMID: 25452225

Robbins JM, Petrone AB, Carr JJ, Pankow JS, Hunt SC, **Heiss G**, Arnett DK, Ellison RC, Gaziano JM, Djoussé L. Association of ideal cardiovascular health and calcified atherosclerotic plaque in the coronary arteries: the National Heart, Lung, and Blood Institute Family Heart Study. *Am Heart J*. 2015 Mar;169(3):371-378.e1. PMID: 25728727

Wilsgaard T, Loehr LR, Mathiesen EB, Løchen ML, Børnaa KH, Njølstad I, Heiss G. Cardiovascular health and the modifiable burden of incident myocardial infarction: the Tromsø Study. *BMC Public Health*. 2015 Mar 6;15:221. PMID: 25885647

Verhaaren BF, DeBette S, Bis JC, Smith JA, Ikram MK, Adams HH, Beecham AH, Rajan KB, Lopez LM, Barral S, van Buchem MA, van der Grond J, Smith AV, Hegenscheid K, Aggarwal NT, de Andrade M, Atkinson EJ, Beekman M, Beiser AS, Blanton SH, Boerwinkle E, Brickman AM, Bryan RN, Chauhan G, Chen CP, Chouraki V, de Craen AJ, Crivello F, Deary IJ, Deelen J, De Jager PL, Dufouil C, Elkind MS, Evans DA, Freudenberger P, Gottesman RF, Guðnason V, Habes M, Heckbert SR, **Heiss G**, Hilal S, Hofer E, Hofman A, Ibrahim-Verbaas CA, Knopman DS, Lewis CE, Liao J, Liewald DC, Luciano M, van der Lugt A, Martinez OO, Mayeux R, Mazoyer B, Nalls M, Nauck M, Niessen WJ, Oostra BA, Psaty BM, Rice KM, Rotter JI, von Sarnowski B, Schmidt H, Schreiner PJ, Schuur M, Sidney SS, Sigurdsson S, Slagboom PE, Stott DJ, van Swieten JC, Teumer A, Töglhofer AM, Traylor M, Trompet S, Turner ST, Tzourio C, Uh HW, Uitterlinden AG, Vernooij MW, Wang JJ, Wong TY, Wardlaw JM, Windham BG, Wittfeld K, Wolf C, Wright CB, Yang Q, Zhao W, Zijdenbos A, Jukema JW, Sacco RL, Kardina SL, Amouyel P, Mosley TH, Longstreth WT Jr, DeCarli CC, van Duijn CM, Schmidt R, Launer LJ, Grabe HJ, Seshadri SS, Ikram MA, Fornage M. Multiethnic genome-wide association study of cerebral white matter hyperintensities on MRI. *Circ Cardiovasc Genet*. 2015 Apr;8(2):398-409. PMID: 25663218

DeBette S, Ibrahim Verbaas CA, Bressler J, Schuur M, Smith A, Bis JC, Davies G, Wolf C, Gudnason V, Chibnik LB, Yang Q, deStefano AL, de Quervain DJ, Srikanth V, Lahti J, Grabe HJ, Smith JA, Priebe L, Yu L, Karbalai N, Hayward C, Wilson JF, Campbell H, Petrovic K, Fornage M, Chauhan G, Yeo R, Boxall R, Becker J, Stegle O, Mather KA, Chouraki V, Sun Q, Rose LM, Resnick S, Oldmeadow C, Kirin M, Wright AF, Jonsdottir MK, Au R, Becker A, Amin N, Nalls MA, Turner ST, Kardina SL, Oostra B, Windham G, Coker LH, Zhao W, Knopman DS, **Heiss G**, Griswold ME, Gottesman RF, Vitart V, Hastie ND, Zgaga L, Rudan I, Polasek O, Holliday EG, Schofield P, Choi SH, Tanaka T, An Y, Perry RT, Kennedy RE, Sale MM, Wang J, Wadley VG, Liewald DC, Ridker PM, Gow AJ, Pattie A, Starr JM, Porteous D, Liu X, Thomson R, Armstrong NJ, Eiriksdottir G, Assareh AA, Kochan NA, Widen E, Palotie A, Hsieh YC, Eriksson JG, Vogler C, van Swieten JC, Shulman JM, Beiser A, Rotter J, Schmidt CO, Hoffmann W, Nöthen MM, Ferrucci L, Attia J, Uitterlinden AG, Amouyel P, Dartigues JF, Amieva H, Räikkönen K, Garcia M, Wolf PA, Hofman A, Longstreth WT Jr, Psaty BM, Boerwinkle E, DeJager PL, Sachdev PS, Schmidt R, Breteler MM, Teumer A, Lopez OL, Cichon S, Chasman DI, Grodstein F, Müller-Myhsok B, Tzourio C, Papassotiropoulos A, Bennett DA, Ikram MA, Deary IJ, van Duijn CM, Launer L, Fitzpatrick AL, Seshadri S, Mosley TH Jr; Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. Genome-wide studies of verbal declarative memory in nondemented older people: the

Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. *Biol Psychiatry*. 2015 Apr 15;77(8):749-63. PMID: 25648963

Hunt SC, Kimura M, Hopkins PN, Carr JJ, **Heiss G**, Province MA, Aviv A. Leukocyte Telomere Length and Coronary Artery Calcium. *Am J Cardiol*. 2015 Apr 18. pii: S0002-9149(15)01109-1. PMID: 25960381

Coffee and Caffeine Genetics Consortium, Cornelis MC, Byrne EM, Esko T, Nalls MA, Ganna A, Paynter N, Monda KL, Amin N, Fischer K, Renstrom F, Ngwa JS, Huikari V, Cavadino A, Nolte IM, Teumer A, Yu K, Marques-Vidal P, Rawal R, Manichaikul A, Wojczynski MK, Vink JM, Zhao JH, Burlutsky G, Lahti J, Mikkilä V, Lemaitre RN, Eriksson J, Musani SK, Tanaka T, Geller F, Luan J, Hui J, Mägi R, Dimitriou M, Garcia ME, Ho WK, Wright MJ, Rose LM, Magnusson PK, Pedersen NL, Couper D, Oostra BA, Hofman A, Ikram MA, Tiemeier HW, Uitterlinden AG, van Rooij FJ, Barroso I, Johansson I, Xue L, Kaakinen M, Milani L, Power C, Snieder H, Stolk RP, Baumeister SE, Biffar R, Gu F, Bastardot F, Kutalik Z, Jacobs DR Jr, Forouhi NG, Mihailov E, Lind L, Lindgren C, Michaëlsson K, Morris A, Jensen M, Khaw KT, Luben RN, Wang JJ, Männistö S, Perälä MM, Kähönen M, Lehtimäki T, Viikari J, Mozaffarian D, Mukamal K, Psaty BM, Döring A, Heath AC, Montgomery GW, Dahmen N, Carithers T, Tucker KL, Ferrucci L, Boyd HA, Melbye M, Treur JL, Mellström D, Hottenga JJ, Prokopenko I, Tönjes A, Deloukas P, Kanoni S, Lorentzon M, Houston DK, Liu Y, Danesh J, Rasheed A, Mason MA, Zonderman AB, Franke L, Kristal BS; International Parkinson's Disease Genomics Consortium (IPDGC); North American Brain Expression Consortium (NABEC); UK Brain Expression Consortium (UKBEC), Karjalainen J, Reed DR, Westra HJ, Evans MK, Saleheen D, Harris TB, Dedoussis G, Curhan G, Stumvoll M, Beilby J, Pasquale LR, Feenstra B, Bandinelli S, Ordovas JM, Chan AT, Peters U, Ohlsson C, Gieger C, Martin NG, Waldenberger M, Siscovick DS, Raitakari O, Eriksson JG, Mitchell P, Hunter DJ, Kraft P, Rimm EB, Boomsma DI, Borecki IB, Loos RJ, Wareham NJ, Vollenweider P, Caporaso N, Grabe HJ, Neuhauser ML, Wolfenbittel BH, Hu FB, Hyppönen E, Jarvelin MR, Cupples LA, Franks PW, Ridker PM, van Duijn CM, **Heiss G**, Metspalu A, North KE, Ingelsson E, Nettleton JA, van Dam RM, Chasman DI. Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Mol Psychiatry*. 2015 May;20(5):647-56. doi: 10.1038/mp.2014.107. Epub 2014 Oct 7. PMID: 25288136

Alonso A, Huang X, Mosley TH, **Heiss G**, Chen H. Heart rate variability and the risk of Parkinson disease: The Atherosclerosis Risk in Communities study. *Ann Neurol*. 2015 May;77(5):877-83. PMID: 25707861

Cruikshanks KJ, Dhar S, Dinces E, Fifer RC, Gonzalez F 2nd, **Heiss G**, Hoffman HJ, Lee DJ, Newhoff M, Tocci L, Torre P 3rd, Tweed TS. Hearing Impairment Prevalence and Associated Risk Factors in the Hispanic Community Health Study/Study of Latinos. *JAMA Otolaryngol Head Neck Surg*. 2015 May 28. PMID: 26021283

Meyer ML, Tanaka H, Palta P, Cheng S, Gouskova N, Aguilar D, **Heiss G**. Correlates of Segmental Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. *Am J Hypertens*. 2015 Jun 4. PMID: 26045531

Llabre MM, Arguelles W, Schneiderman N, Gallo LC, Daviglius ML, Chambers EC, Sotres-Alvarez D, Chirinos DA, Talavera GA, Castaneda SF, Roesch SC, **Heiss G**. Do all components of the metabolic syndrome cluster together in U.S. Hispanics/Latinos? Results from the Hispanic Community Health study/Study of Latinos. *Ann Epidemiol*. 2015 Jul;25(7):480-5. PMID: 25818844

◆ Antini C, Rajs D, Muñoz-Quezada MT, Mondaca BA, **Heiss G**. Reliability of cause of death coding: an international comparison. *Cad Saude Publica*. 2015 Jul;31(7):1473-82. doi: 10.1590/0102-311X00099814. PMID: 26248102

Windham BG, Deere B, Griswold ME, Wang W, Bezerra DC, Shibata D, Butler K, Knopman D, Gottesman RF, **Heiss G**, Mosley TH Jr. Small Brain Lesions and Incident Stroke and Mortality: A Cohort Study. *Ann Intern Med.* 2015 Jul 7;163(1):22-31. doi: 10.7326/M14-2057. PMID: 26148278

Hunt SC, Kimura M, Hopkins PN, Carr JJ, **Heiss G**, Province MA, Aviv A. Leukocyte telomere length and coronary artery calcium. *Am J Cardiol.* 2015 Jul 15;116(2):214-8. doi: 10.1016/j.amjcard.2015.03.060. Epub 2015 Apr 18. PMID: 25960381

Allison MA, Gonzalez F 2nd, Raij L, Kaplan R, Ostfeld RJ, Pattany MS, **Heiss G**, Criqui MH. Cuban Americans have the highest rates of peripheral arterial disease in diverse Hispanic/Latino communities. *J Vasc Surg.* 2015 Sep;62(3):665-72. doi: 10.1016/j.jvs.2015.03.065. Epub 2015 Jul 2. PMID: 26141696

◆ Hardy ST, Loehr LR, Butler KR, Chakladar S, Chang PP, Folsom AR, **Heiss G**, MacLehose RF, Matsushita K, Avery CL. Reducing the Blood Pressure-Related Burden of Cardiovascular Disease: Impact of Achievable Improvements in Blood Pressure Prevention and Control. *J Am Heart Assoc.* 2015 Oct 27;4(10):e002276. doi: 10.1161/JAHA.115.002276. PMID: 26508742

Hofer E, Cavalieri M, Bis JC, DeCarli C, Fornage M, Sigurdsson S, Srikanth V, Trompet S, Verhaaren BF, Wolf C, Yang Q, Adams HH, Amouyel P, Beiser A, Buckley BM, Callisaya M, Chauhan G, de Craen AJ, Dufouil C, van Duijn CM, Ford I, Freudenberger P, Gottesman RF, Gudnason V, **Heiss G**, Hofman A, Lumley T, Martinez O, Mazoyer B, Moran C, Niessen WJ, Phan T, Psaty BM, Satizabal CL, Sattar N, Schilling S, Shibata DK, Slagboom PE, Smith A, Stott DJ, Taylor KD, Thomson R, Töglhofer AM, Tzourio C, van Buchem M, Wang J, Westendorp RG, Windham BG, Vernooij MW, Zijdenbos A, Beare R, Debette S, Ikram MA, Jukema JW, Launer LJ, Longstreth WT Jr, Mosley TH, Seshadri S, Schmidt H, Schmidt R; Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. White Matter Lesion Progression: Genome-Wide Search for Genetic Influences. *Stroke.* 2015 Nov;46(11):3048-57. doi: 10.1161/STROKEAHA.115.009252. Epub 2015 Oct 8. PMID: 26451028

Shah AM, Claggett B, Folsom AR, Lutsey PL, Ballantyne CM, **Heiss G**, Solomon SD. Ideal Cardiovascular Health During Adult Life and Cardiovascular Structure and Function Among the Elderly. *Circulation.* 2015 Nov 24;132(21):1979-89. doi: 10.1161/CIRCULATIONAHA.115.017882. Epub 2015 Sep 8. PMID: 26350059

◆ Camplain R, Meyer ML, Tanaka H, Palta P, Agarwal SK, Aguilar D, Butler KR, **Heiss G**. Smoking Behaviors and Arterial Stiffness Measured by Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. *Am J Hypertens.* 2015 Dec 10. pii: hpv189. PMID: 26657706

Dehghan A, Bis JC, White CC, Smith AV, Morrison AC, Cupples LA, Trompet S, Chasman DI, Lumley T, Völker U, Buckley BM, Ding J, Jensen MK, Folsom AR, Kritchevsky SB, Girman CJ, Ford I, Dörr M, Salomaa V, Uitterlinden AG, Eiriksdottir G, Vasani RS, Franceschini N, Carty CL, Virtamo J, Demissie S, Amouyel P, Arveiler D, Heckbert SR, Ferrières J, Ducimetière P, Smith NL, Wang YA, Siscovick DS, Rice KM, Wiklund PG, Taylor KD, Evans A, Kee F, Rotter JI, Karvanen J, Kuulasmaa K, **Heiss G**, Kraft P, Launer LJ, Hofman A, Markus MR, Rose LM, Silander K, Wagner P, Benjamin EJ, Lohman K, Stott DJ, Rivadeneira F, Harris TB, Levy D, Liu Y, Rimm EB, Jukema JW, Völzke H, Ridker PM, Blankenberg S, Franco OH, Gudnason V, Psaty BM, Boerwinkle E, O'Donnell CJ. Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. *PLoS One.* 2016 Mar

7;11(3):e0144997. doi: 10.1371/journal.pone.0144997. eCollection 2016. PMID: 26950853

Avery CL, Holliday KM, Chakladar S, Engeda JC, Hardy ST, Reis JP, Schreiner PJ, Shay CM, Daviglius ML, **Heiss G**, Lin DY, Zeng D. Disparities in Early Transitions to Obesity in Contemporary Multi-Ethnic U.S. Populations. *PLoS One*. 2016 Jun 27;11(6):e0158025. doi: 10.1371/journal.pone.0158025. eCollection 2016. PMID: 27348868

Kucharska-Newton AM, **Heiss G**, Ni H, Stearns SC, Puccinelli-Ortega N, Wruck LM, Chambless L. Identification of Heart Failure Events in Medicare Claims: The Atherosclerosis Risk in Communities (ARIC) Study. *J Card Fail*. 2016 Jan;22(1):48-55. doi: 10.1016/j.cardfail.2015.07.013. Epub 2015 Jul 23. PMID: 26211720

Newman AB, Avilés-Santa ML, Anderson G, **Heiss G**, Howard WJ, Krucoff M, Kuller LH, Lewis CE, Robinson JG, Taylor H, Treviño RP, Weintraub W. Embedding clinical interventions into observational studies. *Contemp Clin Trials*. 2016 Jan;46:100-5. doi: 10.1016/j.cct.2015.11.017. Epub 2015 Dec 2. PMID: 26611435

Meyer ML, Tanaka H, Palta P, Cheng S, Gouskova N, Aguilar D, **Heiss G**. Correlates of Segmental Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. *Am J Hypertens*. 2016 Jan;29(1):114-22. doi: 10.1093/ajh/hpv079. Epub 2015 Jun 4. PMID: 26045531

Conomos MP, Laurie CA, Stilp AM, Gogarten SM, McHugh CP, Nelson SC, Sofer T, Fernández-Rhodes L, Justice AE, Graff M, Young KL, Seyerle AA, Avery CL, Taylor KD, Rotter JI, Talavera GA, Daviglius ML, Wassertheil-Smoller S, Schneiderman N, **Heiss G**, Kaplan RC, Franceschini N, Reiner AP, Shaffer JR, Barr RG, Kerr KF, Browning SR, Browning BL, Weir BS, Avilés-Santa ML, Papanicolaou GJ, Lumley T, Szpiro AA, North KE, Rice K, Thornton TA, Laurie CC. Genetic Diversity and Association Studies in US Hispanic/Latino Populations: Applications in the Hispanic Community Health Study/Study of Latinos. *Am J Hum Genet*. 2016 Jan 7;98(1):165-84. doi: 10.1016/j.ajhg.2015.12.001. PMID: 26748518

Vladutiu CJ, Siega-Riz AM, Sotres-Alvarez D, Stuebe AM, Ni A, Tabb KM, Gallo LC, Potter JE, **Heiss G**. Parity and Components of the Metabolic Syndrome Among US Hispanic/Latina Women: Results From the Hispanic Community Health Study/Study of Latinos. *Circ Cardiovasc Qual Outcomes*. 2016 Feb;9(2 Suppl 1):S62-9. doi: 10.1161/CIRCOUTCOMES.115.002464. PMID: 26908862

Agarwal SK, Wruck L, Quibrera M, Matsushita K, Loehr LR, Chang PP, Rosamond WD, Wright J, **Heiss G**, Coresh J. Temporal Trends in Hospitalization for Acute Decompensated Heart Failure in the United States, 1998-2011. *Am J Epidemiol*. 2016 Mar 1;183(5):462-70. doi: 10.1093/aje/kwv455. Epub 2016 Feb 19. PMID: 26895710

Meyer ML, Gotman NM, Soliman EZ, Whitsel EA, Arens R, Cai J, Daviglius ML, Denes P, González HM, Moreiras J, Talavera GA, **Heiss G**. Association of glucose homeostasis measures with heart rate variability among Hispanic/Latino adults without diabetes: the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Cardiovasc Diabetol*. 2016 Mar 16;15:45. doi: 10.1186/s12933-016-0364-y. PMID: 26983644

Meyer ML, Tanaka H, Palta P, Patel MD, Camplain R, Couper D, Cheng S, Al Qunaibet A, Poon AK, **Heiss G**. Repeatability of Central and Peripheral Pulse Wave Velocity Measures: The Atherosclerosis Risk in Communities (ARIC) Study. *Am J Hypertens*. 2016 Apr;29(4):470-5. doi:

10.1093/ajh/hpv127. Epub 2015 Jul 31. PMID: 26232036

Yu B, **Heiss G**, Alexander D, Grams ME, Boerwinkle E. Associations Between the Serum Metabolome and All-Cause Mortality Among African Americans in the Atherosclerosis Risk in Communities (ARIC) Study. *Am J Epidemiol*. 2016 Apr 1;183(7):650-6. doi: 10.1093/aje/kwv213. Epub 2016 Mar 7. PMID: 26956554

Nadruz W Jr, Gonçalves A, Claggett B, Querejeta Roca G, Shah AM, Cheng S, **Heiss G**, Ballantyne CM, Solomon SD. Influence of cigarette smoking on cardiac biomarkers: the Atherosclerosis Risk in Communities (ARIC) Study. *Eur J Heart Fail*. 2016 Jun;18(6):629-37. doi: 10.1002/ejhf.511. Epub 2016 Mar 30. PMID: 27030444

Avilés-Santa ML, Hsu LL, Arredondo M, Menke A, Werner E, Thyagarajan B, **Heiss G**, Teng Y, Schneiderman N, Giachello AL, Gallo LC, Talavera GA, Cowie CC. Differences in Hemoglobin A1c Between Hispanics/Latinos and Non-Hispanic Whites: An Analysis of the Hispanic Community Health Study/Study of Latinos and the 2007-2012 National Health and Nutrition Examination Survey. *Diabetes Care*. 2016 Jun;39(6):1010-7. doi: 10.2337/dc15-2579. Epub 2016 Apr 18. PMID: 27208330

Imran TF, Patel Y, Ellison RC, Carr JJ, Arnett DK, Pankow JS, **Heiss G**, Hunt SC, Gaziano JM, Djoussé L. Walking and Calcified Atherosclerotic Plaque in the Coronary Arteries: The National Heart, Lung, and Blood Institute Family Heart Study. *Arterioscler Thromb Vasc Biol*. 2016 Jun;36(6):1272-7. doi: 10.1161/ATVBAHA.116.307284. Epub 2016 Apr 21. PMID: 27102966

González HM, Tarraf W, Rodríguez CJ, Gallo LC, Sacco RL, Talavera GA, **Heiss G**, Kizer JR, Hernandez R, Davis S, Schneiderman N, Daviglius ML, Kaplan RC. Cardiovascular health among diverse Hispanics/Latinos: Hispanic Community Health Study/Study of Latinos (HCHS/SOL) results. *Am Heart J*. 2016 Jun;176:134-44. doi: 10.1016/j.ahj.2016.02.008. Epub 2016 Feb 19. PMID: 27264232

Meyer ML, Tanaka H, Palta P, Patel MD, Camplain R, Couper D, Cheng S, Qunaibet AA, Poon AK, **Heiss G**. Response to "Repeatability of Different Segmental Pulse Wave Velocity Measurements". *Am J Hypertens*. 2016 Jul;29(7):890. doi: 10.1093/ajh/hpw051. Epub 2016 May 11. PMID: 27170031

◆ Kats D, Patel MD, Palta P, Meyer ML, Gross AL, Whitsel EA, Knopman D, Alonso A, Mosley TH, **Heiss G**. Social support and cognition in a community-based cohort: the Atherosclerosis Risk in Communities (ARIC) study. *Age Ageing*. 2016 Jul;45(4):475-80. doi: 10.1093/ageing/afw060. Epub 2016 Apr 21. PMID: 27107128

Pang Y, Sang Y, Ballew SH, Grams ME, **Heiss G**, Coresh J, Matsushita K. Carotid Intima-Media Thickness and Incident ESRD: The Atherosclerosis Risk in Communities (ARIC) Study. *Clin J Am Soc Nephrol*. 2016 Jul 7;11(7):1197-205. doi: 10.2215/CJN.11951115. Epub 2016 Apr 12. PMID: 27073198

Tanaka H, **Heiss G**, McCabe EL, Meyer ML, Shah AM, Mangion JR, Wu J, Solomon SD, Cheng S. Hemodynamic Correlates of Blood Pressure in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. *J Clin Hypertens (Greenwich)*. 2016 Aug 20. doi: 10.1111/jch.12898. [Epub ahead of print] PMID: 27543132

Evans DS, Avery CL, Nalls MA, Li G, Barnard J, Smith EN, Tanaka T, Butler AM, Buxbaum SG, Alonso A, Arking DE, Berenson GS, Bis JC, Buyske S, Carty CL, Chen W, Chung MK, Cummings SR, Deo R, Eaton CB, Fox ER, Heckbert SR, **Heiss G**, Hindorff LA, Hsueh WC, Isaacs A, Jamshidi Y, Kerr KF, Liu F, Liu Y, Lohman KK, Magnani JW, Maher JF, Mehra R, Meng YA, Musani SK, Newton-Cheh C, North KE, Psaty BM, Redline S, Rotter JI, Schnabel RB, Schork NJ, Shohet RV, Singleton AB, Smith JD, Soliman EZ, Srinivasan SR, Taylor HA Jr, Van Wagener DR, Wilson JG, Young T, Zhang ZM, Zonderman AB, Evans MK, Ferrucci L, Murray SS, Tranah GJ, Whitsel EA, Reiner AP; CHARGE QRS Consortium, Sotoodehnia N. Fine-mapping, Novel Loci Identification, and SNP Association Transferability in a Genome-Wide Association Study of QRS Duration in African Americans. *Hum Mol Genet.* 2016 Aug 29. pii: ddw284. [Epub ahead of print] PMID: 27577874

Vidot DC, Stoutenberg M, Gellman M, Arheart KL, Teng Y, Daviglius ML, González HM, Talavera G, Isasi CR, **Heiss G**, Schneiderman N. Alcohol Consumption and Metabolic Syndrome Among Hispanics/Latinos: The Hispanic Community Health Study/Study of Latinos. *Metab Syndr Relat Disord.* 2016 Sep;14(7):354-62. doi: 10.1089/met.2015.0171. Epub 2016 Jun 15. PMID: 27304318

Ogunwale AN, Morrison AC, Sun W, Dodge RC, Virani SS, Taylor A, Gottesman RF, Yang E, Wei P, McEvoy JW, **Heiss G**, Boerwinkle E, Ballantyne CM, Nambi V. The impact of multiple single day blood pressure readings on cardiovascular risk estimation: The Atherosclerosis Risk in Communities study. *Eur J Prev Cardiol.* 2016 Sep;23(14):1529-36. doi: 10.1177/2047487316633549. Epub 2016 Feb 11. PMID: 26869459

Nadruz W Jr, Claggett B, Gonçalves A, Querejeta-Roca G, Fernandes-Silva MM, Shah AM, Cheng S, Tanaka H, **Heiss G**, Kitzman DW, Solomon SD. Smoking and Cardiac Structure and Function in the Elderly: The ARIC Study (Atherosclerosis Risk in Communities). *Circ Cardiovasc Imaging.* 2016 Sep;9(9):e004950. doi: 10.1161/CIRCIMAGING.116.004950. PMID: 27625349

Loehr LR, Meyer ML, Poon AK, Selvin E, Palta P, Tanaka H, Pankow JS, Wright JD, Griswold ME, Wagenknecht LE, **Heiss G**. Prediabetes and Diabetes Are Associated With Arterial Stiffness in Older Adults: The ARIC Study. *Am J Hypertens.* 2016 Sep;29(9):1038-45. doi: 10.1093/ajh/hpw036. Epub 2016 Apr 11. PMID: 27068705

Luft VC, Duncan BB, Schmidt MI, Chambless LE, Pankow JS, Hoogeveen RC, Couper DJ, **Heiss G**. Carboxymethyl lysine, an advanced glycation end product, and incident diabetes: a case-cohort analysis of the ARIC Study. *Diabet Med.* 2016 Oct;33(10):1392-8. doi: 10.1111/dme.12963. Epub 2015 Oct 6. PMID: 26359784

B. Contributions to Books

1. Heiss G, Tyroler HA, Hames CG. Cholesterol tracking: Prediction over time of serum cholesterol in Evans County, Georgia. In: Atherosclerosis - Metabolic, Morphologic, and Clinical Aspects. Manning GW, Haust MD (Eds.), Plenum Press, New York, 1977, pp. 112-114.
2. Hames CG, Heyden S, Prineas R, Heiss G, Comberg HV, Sneiderman CH. The natural history of hypertension in Evans County, Georgia. In: Atherosclerosis: Its Pediatric Aspects. Strong WB (Ed.), Grune & Stratton, New York, 1978, pp. 171-175.
3. Rifkind BM, Tamir I, Heiss G. Preliminary high density lipoprotein findings: The Lipid Research Clinics Program. In: High Density Lipoproteins and Atherosclerosis. Gotto AM, Miller NE, and Oliver MF (Eds.), Elsevier/North Holland Medical Press, 1978. pp. 109-118.
4. Medalie JH, Tyroler HA, Heiss G. High density lipoprotein cholesterol and ischemic heart disease. In: Prevention and Rehabilitation of Heart Disease. Long C (Ed.), Williams and Wilkins, Baltimore, Maryland, 1980.
5. Williams OD, Heiss G, Beaglehole R, Dennis B, Bazzarre T, Tyroler HA. Hyperlipidemia and nutrition: Data base and trends. In: Atherosclerosis Reviews. Hegyeli R (Ed.) 7:145-156, 1980.
6. Rifkind BM, LaRosa J, Heiss G. The prevalence of hyperlipidemia in selected North American populations. In: Atherosclerosis V. Proceedings of the Fifth International Symposium on Atherosclerosis. Gotto AM (Ed.), Springer Verlag, New York, 1980, pp. 264-267;829-830.
7. Tyroler HA, Schonfeld G, Heiss G, Hames CG. Population correlates of HDL apolipoproteins. Proceedings of the International Symposium on Lipoproteins and Coronary Atherosclerosis, held in Lugano, Switzerland, October 1-3, 1981. In: Lipoproteins and Coronary Atherosclerosis. Nosedo G, Fragiacomio C, Fumagalli R, and Paoletti R (Eds.), Elsevier Biomedical Press, Amsterdam, The Netherlands, 1982. pp. 95-104.
8. Rifkind BM, Heiss G, Tyroler HA, Williams OD. The epidemiology of high density lipoproteins: The Lipid Research Clinics Program Prevalence Study. Proceedings of the Fourth International Meeting on Atherosclerosis, held in Bologna, Italy, November 23-25, 1982. In: Atherosclerosis, Clinical Evaluation and Therapy. Lenzi S and Descovick GC (Eds.), MTP Press Limited, The Hague, The Netherlands, 1983, pp. 61-75.
9. Heiss G and the ARIC Investigators. Atherosclerosis Risk in Communities (ARIC): A Follow-up Study of Early Arterial Lesions in the General Population. In: The Evolution of the Human Atherosclerotic Plaque, Glagov S, Newman WP, Schaffer SA (Eds.). Springer-Verlag New York Inc., Chapter 59, pp. 877-888, 1989.

C. Non-Refereed Publications

1. Blackburn H (Chairman), Bereson G, Christakis G, Christian JC, Epstein F, Feinleib M, Havos S, Heiss G, Heyden S, Jacobs D, Joosens JV, Kagan A, Kannel WB, Morrison J, Roberts NJ, Tiger L. Conference on the Health Effects of Blood Lipids: Optimal Distributions for Populations. Workshop Report: Epidemiological Section. Prev Med 8:612-678, 1979.
2. Beaglehole R, LaRosa JC, Heiss G, Davis CE, Rifkind BM, Muesing RM, Williams OD. Secular changes in blood cholesterol and their contribution to the decline in coronary mortality. Proceedings of the Conference on the Decline in Coronary Heart Disease Mortality. Havlik RJ and Feinleib M (Eds.). USDHEW, Public Health Service, National Institutes of Health. NIH Publication No. 79-1610, May 1979, pp. 282-295.
3. Heiss G, Tyroler HA. Epidemiology of high density lipoprotein - A review. Report of the High Density Lipoprotein Methodology Workshop. Lippel K (Ed.). USDHEW Public Health Service, National Institutes of Health, NIH Publication No. 79-1661, August 1979, pp. 7-27.
4. The Lipid Research Clinics Population Studies Data Book, Volume I. The Prevalence Study. U.S. Department of Health, Education, and Welfare. NIH Publication No. 80-1527, July 1980.
5. Heiss G, Tyroler, HA. Are apolipoproteins useful for evaluating ischemic heart disease risk? Proceedings of the Workshop on Apolipoprotein Quantification, National Institutes of Health. NIH Publication No. 83-1266, August 1983, pp. 7-22.
6. Heiss, G. The Potential Role of Fish Oil Fatty Acids in the Non-Pharmacologic Treatment of High Blood Pressure: Proceedings from the Consensus Conference of the National Blood Pressure Program, Salzburg, Austria, May 2-4, 1986.

D. Abstracts and Papers Presented at Scientific Meetings

- Not tracked

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