

CURRICULUM VITAE

WEIHONG TANG

IDENTIFYING INFORMATION

Academic Rank

Associate Professor
 Division of Epidemiology and Community Health
 School of Public Health, University of Minnesota

Degrees Awarded

Degree	Institution	Date Degree Granted
MD	West China University of Medical Sciences, Chengdu, China Preventive Medicine	1985-1991
MS	Peking Union Medical College, Beijing, China, Epidemiology	1991-1994
PhD	University of Minnesota, Minneapolis, MN, Epidemiology	1997-2001
	NIH Postdoctoral Trainee in Cardiovascular Disease Genetic Epidemiology, University of Minnesota, Minneapolis, MN	2001-2004

Employment

University of Minnesota – Twin Cities (1997-present)

Current rank

Associate Professor, Tenured, Division of Epidemiology and Community Health 2015-present

Previous rank

Assistant Professor, Tenure Track, Division of Epidemiology and Community Health 2011-2015

Other professional appointments

Assistant Professor, Contract Faculty, Division of Epidemiology and Community Health 2007-2011
 Research Associate, Division of Epidemiology and Community Health 2004-2007
 Research Assistant, Division of Epidemiology 1997-2001

Postdoctoral appointments

NIH Postdoctoral Trainee in Cardiovascular Disease Genetic Epidemiology, Division of Epidemiology and Community Health 2001-2004

Peking Union Medical College, Beijing, China (1994-1995)

Research Scientist, Division of Epidemiology 1994-1995

Current Membership in Professional Organizations

2011-present Member, American Society of Human Genetics
 2004-present Member, American Heart Association Epidemiology and Prevention Council
 2004-present Member, American Heart Association Functional Genomics and Translational Biology Council

RESEARCH AND SCHOLARSHIP

Honors and Awards

2012-present Fellow, American Heart Association
2012 Research work was featured in ASPH Friday Letter

Editorships/Journal Review Experience

Editorial Boards

2013-present Associate Editor, BMC Cardiovascular Disorders
2011-present Frontiers in Applied Genetic Epidemiology

Journal Reviews

American Journal of Cardiology
American Journal of Epidemiology
American Journal of Hypertension
Applied Physiology, Nutrition, and Metabolism
Atherosclerosis
Biochemical Genetics
BMC Cardiovascular Disorders
BMC Medical Genetics
Chest
Circulation
Circulation Cardiovascular Genetics
Diabetes
Heart and Vessels
Human Molecular Genetics
Journal of Physiology (London)
Journal of the American College of Cardiology
Obesity
PLoS Genetics
PLoS ONE
The Journal of Thrombosis and Haemostasis
International Journal of Obesity
Journal of Human Hypertension
Thrombosis and Haemostasis
International Journal of Molecular Sciences
American Journal of Human Genetics
Journal of the American Heart Association

Conference abstract grader

2008 Abstract reviewer, American Heart Association 49th Epi Council Meeting

Research and Training Grants

External Sources

Received at the University of Minnesota

Current

Investigator status: **Principal Investigator**
 External agency: NIH/NHLBI 5 R01 HL103695 04/01/11-02/29/16 (NCE)
 Title: Identifying Epidemiological Risk Factors of Abdominal Aortic Aneurysm

Investigator status: Co-Investigator
 External agency: NIH/NHLBI N01 HC095163 08/14/08-08/13/19
 Titles: Multi-Ethnic Study of Atherosclerosis (MESA) Field Center

Investigator status: Co-Investigator
 External agency: NIH 09/01/14-08/30/18
 Title: Statistical Methods for Genomic and Proteomic Data

Investigator status: Co-Investigator
 External agency: NIH/NHLBI R01 HL59367 04/15/13-03/31/17
 Title and dates: Epidemiology of Venous Thrombosis and Pulmonary Embolism (LITE)

Investigator status: Co-Investigator
 External agency: NIH/NHLBI R01 HL103706 04/01/11-05/31/16 (NCE)
 Title: Serum Vitamin D and Cardiovascular Disease Risk in the Biethnic ARIC Cohort

Previous

Investigator status: **Principal Investigator**
 External agency: NIH/NHLBI R01 HL095603 08/20/09-5/31/15
 Title: Genetic Epidemiological Study of Venous Thromboembolism and Hemostatic Factors

Investigator status: **Principal Investigator**
 External agency: NIH/NHLBI R21 HL093393 09/25/08-05/30/10
 Title: Epidemiology of Calcineurin Gene Polymorphisms, Serum Calcineurin, and LVH

Investigator status: **Subcontract PI**
 External agency: NIH/NHLBI R01 HL055673 Subcontract to UAB 07/01/06-06/30/12
 Title: HyperGEN: Genetics of Left Ventricular Hypertrophy

Investigator status: Co-Investigator
 External agency: NIH/NHLBI R01 HL098077 08/01/10-12/31/14
 Title: Multi-Scale Biology of Atherosclerosis in the Cellular Adhesion Pathway

Investigator status: Co-Investigator
 External agency: NIH/NHLBI R21 HL109611 08/01/11-07/31/14
 Title: Epidemiologic Study of Sick Sinus Syndrome

Investigator status: Co-Investigator
 External agency: NIH/NIDDK R01 DK068320 01/29/07-12/31/11
 Title: Identifying Susceptibility Genes for Metabolic Syndrome

Investigator status: Co-Investigator
 External agency: NIH/NHLBI R01 HL075572 07/01/04-06/30/09
 Title: Atherosclerosis, Plaque and CVD in Communities

Internal Sources

Investigator status: **Principal Investigator**
 Internal agency: University of Minnesota Graduate School Grant-in-aid 07/01/09-01/15/11
 Title: Replication of Genetic Association Findings for Activated Partial Thromboplastin Time

Publications

(*equally contributing first author; † equally contributing last/senior author) (in reverse chronological order)

1. Folsom AR, **Tang W**, George KM, Heckbert SR, MacLehose RF, Cushman M, Pankow JS. Prospective study of γ fibrinogen and incident venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE). *Thrombosis Research* 2016;139:44-49. PMID: PMC4769380
2. Pankow JS, Decker PA, Berardi C, Hanson NQ, Sale M, **Tang W**, Kanaya AM, Larson NB, Tsai MY, Wassel CL, Bielinski SJ. Circulating cellular adhesion molecules and risk of diabetes: The Multi-Ethnic Study of Atherosclerosis (MESA). *Diabetic Medicine* 2016, in press.
3. Larson NB, Decker PA, Wassel CL, Pankow JS, **Tang W**, Hanson NQ, Tsai MY, Bielinski SJ. Blood group antigen loci demonstrate multivariate genetic associations with circulating cellular adhesion protein levels in the Multi-Ethnic Study of Atherosclerosis. *Human Genetics* 2016;135(4):415-423. PMID: PMC4795966
4. Yao L, Folsom A, Pankow J, Selvin E, Michos E, Alonso A, **Tang W**, Lutsey P. Parathyroid hormone and the risk of incident hypertension: The Atherosclerosis Risk in Communities Study. *Journal of Hypertension* 2016;34(2):196-203. PMID: PMC4755355
5. Folsom AR, **Tang W**, Weng LC, Roetker NS, Cushman M, Basu S, Pankow JS. Replication of a genetic risk score for venous thromboembolism in whites but not in African Americans. *Journal of Thromboembolism and Haemostasis* 2016;14(1):83-88. PMID: PMC4715510
6. Christoph MJ, Allison MA, Pankow JS, Decker PA, Kirsch PS, Tsai MY, Sale MM, de Andrade M, Sicotte H, **Tang W**, Hanson NQ, Berardi C, Wassel CL, Larson NB, Bielinski SJ. Impact of adiposity on cellular adhesion: The Multi-Ethnic Study of Atherosclerosis (MESA). *Obesity (Silver Spring)* 2016;24(1):223-230. PMID: PMC4688228
7. de Vries PS, Chasman DI, Sabater-Lleal M, Chen MH, Huffman JE, Steri M, **Tang W**, Teumer A, Marioni RE, Grossmann V, Hottenga JJ, Trompet S, Müller-Nurasyid M, Zhao JH, Brody JA, Kleber ME, Guo X, Wang JJ, Auer PL, Attia JR, Yanek LR, Ahluwalia TS, Lahti J, Venturini C, Tanaka T, Bielak LF, Joshi PK, Rocanin-Arjo A, Kolcic I, Navarro P, Rose LM, Oldmeadow C, Riess H, Mazur J, Basu S, Goel A, Yang Q, Ghanbari M, Willemsen G, Rumley A, Fiorillo E, de Craen AJ, Grotevendt A, Scott R, Taylor KD, Delgado GE, Yao J, Kifley A, Kooperberg C, Qayyum R, Lopez LM, Berentzen TL, Räikkönen K, Mangino M, Bandinelli S, Peyser PA, Wild S, Trégouët DA, Wright AF, Marten J, Zemunik T, Morrison AC, Sennblad B, Tofler G, de Maat MP, de Geus EJ, Lowe GD, Zoledziewska M, Sattar N, Binder H, Völker U, Waldenberger M, Khaw KT, McKnight B, Huang J, Jenny NS, Holliday EG, Qi L, McEvoy MG, Becker DM, Starr JM, Sarin AP, Hysi PG, Hernandez DG, Jhun MA, Campbell H, Hamsten A, Rivadeneira F, McArdle WL, Slagboom PE, Zeller T, Koenig W, Psaty BM, Haritunians T, Liu J, Palotie A, Uitterlinden AG, Stott DJ, Hofman A, Franco OH, Polasek O, Rudan I, Morange PE, Wilson JF, Kardia SL, Ferrucci L, Spector TD, Eriksson JG, Hansen T, Deary IJ, Becker LC, Scott RJ, Mitchell P, März W, Wareham NJ, Peters A, Greinacher A, Wild PS, Jukema JW, Boomsma DI, Hayward C, Cucca F, Tracy R, Watkins H, Reiner AP, Folsom AR, Ridker PM, O'Donnell CJ, Smith NL, Strachan DP, Dehghan A. A meta-analysis of 120,246 individuals identifies 18 new loci for fibrinogen concentration. *Human Molecular Genetics* 2016;25(2):358-370. PMID: PMC4715256

8. Rodriguez S, Gaunt TR, Guo Y, Zheng J, Barnes MR, **Tang W**, Danish F, Johnson A, Castillo BA, Li YR, Hakonarson H, Buxbaum SG, Palmer T, Tsai MY, Lange LA, Ebrahim S, Davey Smith G, Lawlor DA, Folsom AR, Hoogeveen R, Reiner A, Keating B, Day IN. Lipids, obesity and gallbladder disease in women: Insights from genetic studies using the cardiovascular gene-centric 50K SNP array. *European Journal of Human Genetics* 2016;24(1):106-112. PMID: PMC4681116
9. van Loon J, Dehghan A, **Tang W**, Trompet S, McArdle WL, Asselbergs FF, Chen MH, Lopez LM, Huffman JE, Leebeek FW, Basu S, Stott DJ, Rumley A, Gansevoort RT, Davies G, Wilson JJ, Witteman JC, Cao X, de Craen AJ, Bakker SJ, Psaty BM, Starr JM, Hofman A, Wouter Jukema J, Deary IJ, Hayward C, van der Harst P, Lowe GD, Folsom AR, Strachan DP, Smith N, de Maat MP, O'Donnell C. Genome-wide association studies identify genetic loci for low von Willebrand factor levels. *European Journal of Human Genetics* 2015, in press.
10. Folsom AR, **Tang W**, Roetker NS, Heckbert SR, Cushman M, Pankow JS. Prospective study of circulating factor XI and incident venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology (LITE). *American Journal of Hematology* 2015; 90(11):1047-1051. PMID: PMC4618026
11. Huffman JE, de Vries PS, Morrison AC, Sabater-Lleal M, Kacprowski T, Auer PL, Brody JA, Chasman DI, Chen MH, Guo X, Lin LA, Marioni RE, Müller-Nurasyid M, Yanek LR, Pankratz N, Grove ML, de Maat MP, Cushman M, Wiggins KL, Qi L, Sennblad B, Harris SE, Polasek O, Riess H, Rivadeneira F, Rose LM, Goel A, Taylor KD, Teumer A, Uitterlinden AG, Vaidya D, Yao J, **Tang W**, Levy D, Waldenberger M, Becker DM, Folsom AR, Giulianini F, Greinacher A, Hofman A, Huang CC, Kooperberg C, Silveira A, Starr JM, Strauch K, Strawbridge RJ, Wright AF, McKnight B, Franco OH, Zakai N, Mathias RA, Psaty BM, Ridker PM, Tofler GH, Völker U, Watkins H, Fornage M, Hamsten A, Deary IJ, Boerwinkle E, Koenig W, Rotter JI, Hayward C, Dehghan A, Reiner AP, O'Donnell CJ, Smith NL. Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. *Blood* 2015;126(11):e19-29. PMID: PMC4566813
12. Folsom AR, Yao L, Alonso A, Lutsey PL, Missov E, Lederle FA, Ballantyne CM, **Tang W**. Circulating biomarkers and abdominal aortic aneurysm incidence: the Atherosclerosis Risk in Communities (ARIC) Study. *Circulation* 2015;132(7):578-585. PMID: PMC4543558
13. Folsom AR, Alonso A, George KM, Roetker NS, **Tang W**, Cushman M. Prospective study of plasma D-dimer and incident venous thromboembolism: the Atherosclerosis Risk in Communities (ARIC) Study. *Thrombosis Research* 2015;136(4):781-785. PMID: PMC4577468
14. Larson NB, Berardi C, Decker PA, Wassel CL, Kirsch PS, Pankow JS, Sale MM, de Andrade M, Sicotte H, **Tang W**, Hanson NQ, Tsai MY, Taylor KD, Bielinski SJ. Trans-ethnic meta-analysis identifies common and rare variants associated with hepatocyte growth factor levels in the Multi-Ethnic Study of Atherosclerosis (MESA). *Annals of Human Genetics* 2015; 79(4): 264-274. PMID: PMC4474777
15. Hansen JG, **Tang W**, Hootman KC, Brannon PM, Houston DK, Kritchevsky SB, Harris TB, Garcia M, Lohman K, Liu Y, de Boer IH, Kestenbaum BR, Robinson-Cohen C, Siscovick DS, Cassano PA. Genetic and environmental factors are associated with serum 25-hydroxyvitamin D concentrations in older African Americans. *Journal of Nutrition* 2015;145(4):799-805. PMID: PMC4381765
16. Bielinski SJ, Berardi C, Decker PA, Kirsch PS, Larson NB, Pankow JS, Sale M, de Andrade M, Sicotte H, **Tang W**, Hanson NQ, Wassel CL, Polak JF, Tsai MY. P-selectin and subclinical and clinical atherosclerosis: The Multi-Ethnic Study of Atherosclerosis (MESA). *Atherosclerosis* 2015;240(1):3-9. PMID: PMC4397161
17. Smith CE, Follis JL, Nettleton JA, Foy M, Wu JH, Ma Y, Tanaka T, Manichakul AW, Wu H, Chu AY, Steffen LM, Fornage M, Mozaffarian D, Kabagambe EK, Ferruci L, Chen YI, Rich SS, Djoussé L, Ridker PM, **Tang W**, McKnight B, Tsai MY, Bandinelli S, Rotter JI, Hu FB, Chasman DI, Psaty BM, Arnett DK, King IB, Sun Q, Wang L, Lumley T, Chiuve SE, Siscovick DS, Ordovas JM, Lemaitre RN. Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Meta-analysis of nine studies in the CHARGE consortium. *Molecular Nutrition and Food Research* 2015;59(7):1373-1383. PMID: PMC4491005

18. Berardi C, Larson NB, Decker PA, Wassel CL, Kirsch PS, Pankow JS, Sale MM, de Andrade M, Sicotte H, **Tang W**, Hanson NQ, Tsai MY, Chen YD, Bielinski SJ. Multi-ethnic analysis reveals soluble L-selectin may be post-transcriptionally regulated by 3'UTR polymorphism: the Multi-Ethnic Study of Atherosclerosis (MESA). *Human Genetics* 2015;134(4):393-403. PMID: PMC4355192
19. Lemaitre RN, King IB, Kabagambe EK, Wu JH, McKnight B, Manichaikul A, Guan W, Sun Q, Chasman DI, Foy M, Wang L, Zhu J, Siscovick DS, Tsai MY, Arnett DK, Psaty BM, Djousse L, Chen YD, **Tang W**, Weng LC, Wu H, Jensen MK, Chu AY, Jacobs DR Jr, Rich SS, Mozaffarian D, Steffen L, Rimm EB, Hu FB, Ridker PM, Fornage M, Friedlander Y. Genetic loci associated with circulating levels of very long-chain saturated fatty acids. *Journal of Lipid Research* 2015;56(1):176-184. PMID: PMC4274065
20. **Tang W**, Cushman M, Green D, Rich SS, Lange LA, Yang Q, Tracy RP, Tofler GH, Basu S, Wilson JG, Keating BJ, Weng LC, Taylor HA, Jacobs DR Jr, Delaney JA, Palmer CD, Young T, Pankow JS, O'Donnell CJ, Smith ML, Reiner AP, Folsom AR. Gene-centric approach identifies new and known loci for FVIII activity and VWF antigen levels in European Americans and African Americans. *American Journal of Hematology* 2015;90(6):534-540. PMID: PMC4747096
21. Germain M, Chasman DI, de Haan H, **Tang W**, Lindstrom S, Weing LC, de Andrade M, de Visser MCH, Wiggins KL, Suchon P, Saut N, Smadja DM, Le Gal G, van Hylckama Vlieg A, Di Narzo A, Hao K, Nelson CP, Rocamin-Arjo A, Folkersen L, Monajemi R, Rose LM, Brody JA, Slagboom E, Aissi D, Gagnon F, Deleuze JF, Deloukas P, Tzourio C, Dartigues JF, Berr C, Taylor KD, Civelek M, Eriksson P, Cardiogenics Consortium, Psaty BM, Houwing-Duitermaat J, Goodall AH, Cambien F, Kraft P, Amouyel P, Samani NJ, Basu S, Ridker PM, Rosendaal FR, Kabrhel C, Folsom AR, Heit J, Reitsma PH, Tregouet DA, Smith NL, Morange PE, on behalf of the INVENT consortium. Meta-analysis of 65,734 individuals identifies *TSPAN15* and *SLC44A2* as two susceptibility loci for venous thromboembolism. *American Journal of Human Genetics* 2015;96(4):532-542. PMID: PMC4385184
22. Folsom AR, **Tang W**, Roetker NS, Kshirsagar AV, Derebail VK, Lutsey PL, Naik R, Pankow JS, Grove ML, Basu S, Key NS, Cushman M. Prospective study of sickle cell trait and venous thromboembolism incidence. *Journal of Thrombosis and Haemostasis* 2015;13(1):2-9. PMID: PMC4294976
23. Weng LC, Cushman M, Pankow JS, Basu S, Boerwinkle E, Folsom AR, **Tang W**. A genetic association study of activated partial thromboplastin time in European Americans and African Americans: The ARIC Study. *Human Molecular Genetics* 2015;24(8):2401-2408. PMID: PMC4375421
24. Li S, Miao S, Huang Y, Liu Z, Tian H, Yin X, **Tang W**, Steffen LM, Xi B. Fruit intake decreases risk of incident type 2 diabetes: An updated meta-analysis. *Endocrine* 2015;48(2):454-460.
25. Baumert J, Huang J, McKnight B, Sabater-Lleal M, Steri M, Chu AY, Trompet S, Lopez LM, Fornage M, Teumer A, **Tang W**, Rudnicka AR, Mälarstig A, Hottenga JJ, Kavousi M, Lahti J, Tanaka T, Hayward C, Huffman JE, Morange PE, Rose LM, Basu S, Rumley A, Stott DJ, Buckley BM, de Craen AJ, Sanna S, Masala M, Biffar R, Homuth G, Silveira A, Sennblad B, Goel A, Watkins H, Müller-Nurasyid M, Ruckerl R, Taylor K, Chen MH, de Geus EJ, Hofman A, Witteman JC, de Maat MP, Palotie A, Davies G, Siscovick DS, Kolcic I, Wild SH, Song J, McArdle WL, Ford I, Sattar N, Schlessinger D, Grotevendt A, Franzosi MG, Illig T, Waldenberger M, Lumley T, Tofler GH, Willemsen G, Uitterlinden AG, Rivadeneira F, Rääkkönen K, Chasman DI, Folsom AR, Lowe GD, Westendorp RG, Slagboom PE, Cucca F, Wallaschofski H, Strawbridge RJ, Sedorf U, Koenig W, Bis JC, Mukamal KJ, van Dongen J, Widen E, Franco OH, Starr JM, Liu K, Ferrucci L, Polasek O, Wilson JF, Oudot-Mellakh T, Campbell H, Navarro P, Bandinelli S, Eriksson J, Boomsma DI, Dehghan A, Clarke R, Hamsten A, Boerwinkle E, Jukema JW, Naitza S, Ridker PM, Völzke H, Deary IJ, Reiner AP, Trégouët DA, O'Donnell CJ, Strachan DP, Peters A, Smith NL. No evidence for genome-wide interactions on plasma fibrinogen by smoking, alcohol consumption and body mass index: results from meta-analyses of 80,607 subjects. *PLoS One* 2014;9(12):e111156. PMID: PMC4281156

26. Munir MS, Weng LC, **Tang W**, Basu S, Pankow JS, Matijevic N, Cushman M, Boerwinkle E, Folsom AR. Genetic markers associated with plasma protein C level in African Americans: The Atherosclerosis Risk in Communities (ARIC) Study. *Genetic Epidemiology* 2014;38(8):709-713. PMID: PMC4354842
27. Weng LC, **Tang W**, Rich SS, Smith NL, Redline S, O'Donnell CJ, Basu S, Reiner AP, Delaney JA, Tracy RP, Palmer CD, Young T, Yang Q, Folsom AR, Cushman M. A genetic association study of D-dimer levels with 50K SNPs from a candidate gene chip in four ethnic groups. *Thrombosis Research* 2014;134(2):462-467. PMID: PMC4111961
28. Guan W, Steffen BT, Lemaitre RN, Wu JH, Tanaka T, Manichaikul A, Foy M, Rich SS, Wang L, Nettleton JA, **Tang W**, Gu X, Bandinelli S, King IB, McKnight B, Psaty BM, Siscovick D, Djousse L, Ida Chen YD, Ferrucci L, Fornage M, Mozafarriyan D, Tsai MY, Steffen LM. Genome-wide association study of plasma N6 polyunsaturated fatty acids within the cohorts for heart and aging research in genomic epidemiology consortium. *Circulation. Cardiovascular Genetics* 2014;7(3):321-331. PMID: PMC4123862
29. Berardi C, Decker PA, Kirsch PS, de Andrade M, Tsai MY, Pankow JS, Sale MM, Sicotte H, **Tang W**, Hanson N, Polak JF, Bielinski SJ. Plasma and serum L-selectin and clinical and subclinical cardiovascular disease: the Multi-Ethnic Study of Atherosclerosis (MESA). *Translational Research* 2014;163(6):585-592. PMID: PMC4029851
30. Kraja AT, Chasman DI, North KE, Reiner AP, Yanek LR, Kilpelainen TO, Smith JA, Dehghan A, Dupuis J, Johnson ADD, Feitosa MF, Tekola-Ayele E, Chu AY, Nolte IM, Dastrani Z, Morris A, Pendegrass SA, Sun YV, Ritchie MD, Vaez A, Lin H, Ligthart S, Marullo L, Rohde R, Shao Y, Ziegler MA, Im HK, Cross Consortia Pleiotropy (XC-Pleiotropy) Group; the Cohorts for Heart and; Aging Research in Genetic Epidemiology (CHARGE); the Genetic Investigation of Anthropometric Traits (GIANT) Consortium; the Global Lipids Genetics Consortium (GLGC); the Meta-Analyses of Glucose; Insulin-related traits Consortium (MAGIC); the Global BPgen (GBPG) Consortium; The ADIPOGen Consortium; the Women's Genome Health Study (WGHS); the Howard University Family Study (HUFS), Schnabel RB, Jørgensen T, Jørgensen ME, Hansen T, Pedersen O, Stolk RP, Snieder H, Hofman A, Uitterlinden AG, Franco OH, Ikram MA, Richards JB, Rotimi C, Wilson JG, Lange L, Ganesh SK, Nalls M, Rasmussen-Torvik LJ, Pankow JS, Coresh J, **Tang W**, Linda Kao WH, Boerwinkle E, Morrison AC, Ridker PM, Becker DM, Rotter JI, Kardia SL, Loos RJ, Larson MG, Hsu YH, Province MA, Tracy R, Voight BF, Vaidya D, O'Donnell CJ, Benjamin EJ, Alizadeh BZ, Prokopenko I, Meigs JB, Borecki IB. Pleiotropic genes for metabolic syndrome and inflammation. *Molecular Genetics and Metabolism* 2014;112(4):317-338. PMID: PMC4122618
31. Xi B, Li S, Liu Z, Tian H, Yin X, Huai P, **Tang W**, Zhou D, Steffen LM. Intake of fruit juice and incidence of type 2 diabetes: A systematic review and meta-analysis. *PloS One* 2014;9(3):e93471. PMID: PMC3969361
32. Huang J, Huffman JE, Yamkauchi M, Trompet S, Asselbergs FW, Sabater-Lleal M, Trequenet DA, Chen WM, Smith NL, Kleber ME, Shin SY, Becker DM, **Tang W**, Dehghan A, Johnson AD, Truong V, Folkersen L, Yang Q, Qudot-Mellkah T, Buckley BM, Moore JH, Williams FM, Campbell H, Silbernagel G, Vitart V, Rudan I, Tofler GH, Navis GJ, Destefano A, Wright AF, Chen MH, de Craen AJ, Worrall BB, Rudnicka AR, Rumley A, Bookman EB, Psaty BM, Chen F, Keene KL, Franco OH, Bohm BO, Uitterlinden AG, Carter AM, Jukema JW, Sattar N, Bis JC, Ikram MA; The Cohorts for Heart and Aging Research in Genome Epidemiology (CHARGE) Consortium Neurology Working Group, Sale MM, McKnight B, Fornage M, Ford I, Taylor K, Slagboom PE, McArdle WL, Hsu FC, Franco-Cereceda A, Goodall AH, Yanek LR, Furie KL, Cushman M, Hofman A, Witteman JC, Folsom AR, Basu S, Matijevic N, van Gilst WH, Wilson JF, Westendorp RG, Kathiresan S, Reilly MP, The CARDIoGRAM Consortium, Tracey RP, Polasek O, Winkelmann BR, Grant PJ, Hillege HL, Cambien F, Stott DJ, Lowe GD, Spector TD, Meigs JB, März W, Eriksson P, Becker LC, Morange PE, Soranzo N, Williams SM, Hayward C, van der Harst P, Hamsten A, Lowenstein CJ, Strachan DP, O'Donnell CJ; The CHARGE Consortium Hemostatic Factor Working Group. Genome-wide association study for circulating tissue plasminogen activator levels and functional follow-up implicates endothelial STXBP5 and STX2. *Arteriosclerosis Thrombosis and Vascular Biology* 2014;34(5):1093-1101. PMID: PMC4009733

33. Sabater-Lleal M, Huang J, Chasman D, Naitza S, Dehghan A, Johnson AD, Teumer A, Reiner AP, Folkersen L, Basu S, Rudnicka AR, Trompet S, Mälarstig A, Baumert J, Bis JC, Guo X, Hottenga JJ, Shin SY, Lopez LM, Lahti J, Tanaka T, Yanek LR, Oudot-Mellakh T, Wilson JF, Navarro P, Huffman JE, Zemunik T, Redline S, Mehra R, Pulanic D, Rudan I, Wright AF, Kolcic I, Polasek O, Wild SH, Campbell H, Curb JD, Wallace R, Liu S, Eaton CB, Becker DM, Becker LC, Bandinelli S, Rääkkönen K, Widen E, Palotie A, Fornage M, Green D, Gross M, Davies G, Harris SE, Liewald DC, Starr JM, Williams FM, Grant PJ, Spector TD, Strawbridge RJ, Silveira A, Sennblad B, Rivadeneira F, Uitterlinden AG, Franco OH, Hofman A, van Dongen J, Willemsen G, Boomsma DI, Yao J, Swords Jenny N, Haritunians T, McKnight B, Lumley T, Taylor KD, Rotter JI, Psaty BM, Peters A, Gieger C, Illig T, Grotevendt A, Homuth G, Völzke H, Kocher T, Goel A, Franzosi MG, Seedorf U, Clarke R, Steri M, Tarasov KV, Sanna S, Schlessinger D, Stott DJ, Sattar N, Buckley BM, Rumley A, Lowe GD, McArdle WL, Chen MH, Tofler GH, Song J, Boerwinkle E, Folsom AR, Rose LM, Franco-Cereceda A, Teichert M, Ikram MA, Mosley TH, Bevan S, Dichgans M, Rothwell PM, Sudlow CL, Hopewell JC, Chambers JC, Saleheen D, Kooner JS, Danesh J, Nelson CP, Erdmann J, Reilly MP, Kathiresan S, Schunkert H, Morange PE, Ferrucci L, Eriksson JG, Jacobs D, Deary IJ, Soranzo N, Witteman JC, de Geus EJ, Tracy RP, Hayward C, Koenig W, Cucca F, Jukema JW, Eriksson P, Seshadri S, Markus HS, Watkins H, Samani NJ; VTE Consortium; STROKE Consortium; Wellcome Trust Case Control Consortium 2 (WTCCC2); C4D Consortium; CARDIoGRAM Consortium, Wallaschofski H, Smith NL, Tregouet D, Ridker PM†, **Tang W**†, Strachan DP†, Hamsten A†, O'Donnell CJ†. Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. *Circulation* 2013;128(12):1310-1324. PMID: PMC3842025
34. **Tang W**, Morrison A, Wasserman BA, Folsom AR, Sun W, Campbell S, Kao WHL, Boerwinkle E. Association of *SERPINA9* gene variants with carotid artery atherosclerosis: The Atherosclerosis Risk in Communities (ARIC) Carotid MRI Study. *International Journal of Molecular Epidemiology and Genetics* 2013;4:258-267. PMID: PMC3852645
35. Folsom AR, Pankow JS, Li X, Duprez DA, Jacobs DR Jr, Klein R, Klein B, **Tang W**, Wong TY, Cotch MF, Taylor KD, Rich SS, Hall JL, Post WS, Rotter JI. No association of 9p21 with arterial elasticity and retinal microvascular findings. *Atherosclerosis* 2013;230:301-303. PMID: PMC3787319
36. Wu JH, Lemaitre RN, Manichaikul A, Guan W, Tanaka T, Foy M, Kabagambe EK, Djousse L, Siscovick D, Fretts AM, Johnson C, King IB, Psaty BM, McKnight B, Rich SS, Chen Y-D I, Nettleton JA, **Tang W**, Bandinelli S, Jacobs DR, Browning BL, Laurie CC, Gu X, Tsai MY, Steffen LM, Ferrucci L, Fornage M, Mozaffarian D. Genome-wide association study identifies novel loci associated with concentrations of four plasma phospholipid fatty acids in the de novo lipogenesis pathway: Results from the CHARGE consortium. *Circulation. Cardiovascular Genetics* 2013;6:171-183. PMID: PMC3891054
37. **Tang W**, Teichert M, Chasman D, Heit J, Morange P, Li G, Pankratz N, Leebeek F, Pare G, de Andrade M, Tsourio C, Psaty B, Basu S, Ruitter R, Rose L, Armasu S, Lumley T, Heckbert S, Uitterlinden A, Lathrop M, Rice K, Cushman M, Hofman A, Lambert J-C, Glazer N, Pankow J, Witteman J, Amouyel P, Bis J, Bovill E, Kong X, Tracy R, Boerwinkle E, Rotter J, Tre'goue't D-A, Loth D, Stricker B, Ridker P, Folsom A, Smith N. A genome-wide association study for venous thromboembolism: The Extended Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. *Genetic Epidemiology* 2013;37(5):512-521. PMID: PMC3990406
38. Yu B, Barbalic M, Brautbar A, Nambi V, Hoogeveen RC, **Tang W**, Mosley TH, Rotter JI, deFilippi CR, O'Donnell CJ, Kathiresan S, Rice K, Heckbert SR, Ballantyne CM, Psaty BM, Boerwinkle E, CARDIoGRAM Consortium. Association of genome-wide variation with highly sensitive cardiac troponin-T levels in European Americans and Blacks: A meta-analysis from Atherosclerosis Risk in Communities and Cardiovascular Health Studies. *Circulation. Cardiovascular Genetics* 2013;6(1):82-88. PMID: PMC3693561

39. Raynor L, Pankow JS, Rasmussen-Torvik LJ, **Tang W**, Prizment A, Couper DJ. Pleiotropy and pathway analyses of genetic variants associated with both type 2 diabetes and prostate cancer. *International Journal of Molecular Epidemiology and Genetics* 2013;4(1):49-60. PMID: PMC3612454
40. Lynch AI, **Tang W**, Shi G, Devereux RB, Eckfeldt JH, Arnett DK. Epistatic effects of ACE I/D and AGT gene variants on left ventricular mass in hypertensive patients: the HyperGEN study. *Journal of Human Hypertension* 2012;26(2):133-140. PMID: PMC3775641
41. Smith NL, Heit JA, **Tang W**, Teichert M, Chasman DI, Morange PE and the Venous Thrombosis Genetic Replication Consortium. Genetic variation in F3 (tissue factor) and the risk of incident venous thrombosis: meta-analysis of eight studies. *Journal of Thrombosis and Haemostasis* 2012;10(4):719-722. PMID: PMC3397243
42. Folsom AR, Nambi V, Pankow JS, **Tang W**, Farbaksh K, Yamagishi K, Boerwinkle E. Effect of 9p21 genetic variation on coronary heart disease is not modified by other risk markers. The Atherosclerosis Risk in Communities (ARIC) Study. *Atherosclerosis* 2012;224(2):435-439. PMID: PMC3459136
43. Huang J, Sabater-Lleal M, Asselbergs FW, Tregouet D, Shin SY, Ding J, Baumert J, Oudot-Mellakh T, Folkersen L, Johnson AD, Smith NL, Williams SM, Ikram MA, Kleber ME, Becker DM, Truong V, Mychaleckyj JC, **Tang W**, Yang Q, Sennblad B, Moore JH, Williams FM, Dehghan A, Silbernagel G, Strivers EM, Smith S, Karakas M, Tofler GH, Silveira A, Navis GJ, Lohman K, Chen MH, Peters A, Goel A, Hopewell JC, Chambers JC, Saleheen D, Lundmark P, Psaty BM, Strawbridge RJ, Boehm BO, Carter AM, Meisinger C, Peden JF, Bis JC, McKnight B, Öhrvik J, Taylor K, Franzosi MG, Seedorf U, Collins R, Franco-Cereceda A, Syvänen AC, Goodall AH, Yanek LR, Cushman M, Müller-Nurasyid M, Folsom AR, Basu S, Matijevic N, van Gilst WH, Kooner JS, Hofman A, Danesh J, Clarke R, Meigs JB; DIAGRAM Consortium, Kathiresan S, Reilly MP; CARDIoGRAM Consortium, Klopp N, Harris TB, Winkelmann BR, Grant PJ, Hillege HL, Watkins H; C4D Consortium, Spector TD, Becker LC, Tracy RP, März W, Uitterlinden AG, Eriksson P, Cambien F; CARDIOGENICS Consortium, Morange PE, Koenig W, Soranzo N, van der Harst P, Liu Y, O'Donnell CJ, Hamsten A. Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. *Blood* 2012;120(24):4873-4881. PMID: PMC3520624
44. **Tang W**, Schwienbacher C, Lopez LM, Ben-Shlomo Y, Oudot-Mellakh T, Johnson AD, Samani JN, Basu S, Gögele M, Davies G, Lowe GDO, Tregouet DA, Tan A, Pankow JS, Tenesa A, Levy D, Volpato C, Rumley A, Gow AJ, Minelli C, Yarnell JWG, Porteous DJ, Starr JM, Gallacher J, Boerwinkle E, Visscher PM, Pramstaller PP, Cushman M, Emilsson V, Plump AS, Matijevic N, Morange PE, Deary IJ, Hicks AA, Folsom AR. Genetic associations for activated partial thromboplastin time and prothrombin time, their gene expression profiles, and risk of coronary artery disease. *American Journal of Human Genetics* 2012;91(1):152-162. PMID: PMC3397273
45. Qayyum R, Snively BM, Ziv E, Nalls MA, Liu Y, **Tang W**, Yanek LR, Lange L, Evans MK, Ganesh S, Austin MA, Lettre G, Becker DM, Zonderman AB, Singleton AB, Harris TB, Mohler ER, Logsdon BA, Kooperberg C, Folsom AR, Wilson JG, Becker LC, Reiner AP. A meta-analysis and genome-wide association study of platelet count and mean platelet volume in African Americans. *PLoS Genetics* 2012;8(3):e1002491. PMID: PMC3299192
46. Xi B†, Liang Y, Reilly KH, Wang Q, Hu Y, **Tang W**†. Trends in prevalence, awareness, treatment, and control of hypertension among Chinese adults 1991-2009. *International Journal of Cardiology* 2012;158:326-329. PMID: PMC3374129
47. Fung GJ, Steffen LM, Zhou X, Harnack L, **Tang W**, Lutsey PL, Loria CM, Reis JP, Van Horn LV. Vitamin D intake is inversely related to the risk of developing metabolic syndrome among African American and white men and women over 20 years: CARDIA. *American Journal of Clinical Nutrition* 2012;96(1):24-29. PMID: PMC3374731
48. Alonso A, **Tang W**, Agarwal SK, Soliman EZ, Chamberlain AM, Folsom AR. Hemostatic markers are associated with risk and prognosis of atrial fibrillation: The ARIC Study. *International Journal of Cardiology* 2012;155(2):217-222. PMID: PMC3025309

49. Xi B, **Tang W**, Wang Q. Polymorphism near the ATP2B1 gene is associated with hypertension risk in East Asians: A meta-analysis involving 15,909 cases and 18,529 controls. *Blood Pressure* 2012;21(2):134-138.
50. Lutsey PL, Rasmussen-Torvik LJ, Pankow JS, Alonso A, Smolenski DJ, **Tang W**, Coresh J, Volcik KA, Ballantyne CM, Boerwinkle E, Folsom AR. Relation of lipid gene scores to longitudinal trends in lipid levels and incidence of abnormal lipid levels among individuals of European ancestry: The Atherosclerosis Risk in Communities (ARIC) study. *Circulation. Cardiovascular Genetics* 2012;5(1):73-80. PMID: PMC3288431
51. Huang J, **Tang W**, Wang L. Population genomics of heart diseases and risk factors: Going wider and deeper. *North American Journal of Medical Sciences* 2011;4(4):249-253.
52. Gieger C*, Radhakrishnan A*, Cvejic A*, **Tang W***, Porcu E*, Pistis G*, Serbanovic-Canic J*, Elling U, Goodall AH, Labrune Y, Lopez LM, Mägi R, Meacham S, Okada Y, Pirastu N, Sorice R, Teumer A, Voss K, Zhang W, Ramirez-Solis R, Bis JC, Ellinghaus D, Gögele M, Hottenga JJ, Langenberg C, Kovacs P, O'Reilly PF, Shin SY, Esko T, Hartiala J, Kanoni S, Murgia F, Parsa A, Stephens J, van der Harst P, van der Schoot CE, Allayee H, Attwood A, Balkau B, Bastardot F, Basu S, Baumeister SE, Biino G, Bombá L, Bonnafond A, Cambien F, Chambers JC, Cucca F, D'Adamo P, Davies G, de Boer RA, de Geus EJC, Döring A, Elliott P, Erdmann J, Evans DM, Falchi M, Feng W, Folsom AR, Frazer IH, Gibson QD, Glazer NL, Hammond C, Hartikainen AL, Heckbert SR, Hengstenberg C, Hersch M, Illig T, Loos RJF, Jolley J, Khaw KT, Kühnel B, Kyrtsonis MC, Lagou V, Lloyd-Jones H, Lumley T, Mangino M, Maschio A, Leach IM, McKnight B, Mitchell YMB, Montgomery GW, Nakamura Y, Nauck M, Navis G, Nöthlings U, Nolte IM, Porteous D, Pouta A, Pramstaller PP, Pullat J, Ring SM, Rotter JI, Ruggiero D, Ruokone A, Sala C, Samani NJ, Sambrook J, Schlessinger D, Schreiber S, Schunkert H, Scott J, Smith NL, Snieder H, Starr JM, Stumvoll M, Takahashi A, Tang WHW, Taylor K, Tenesa A, Thein SL, Tönjes A, Uda M, Ulivi S, van Veldhuisen DV, Visscher PM, Völker U, Wichmann HE, Wiggins KL, Willemsen G, Yang TP, Zhao JH, Zitting P, Bradley JR, Dedoussis GV, Gasparini P, Hazen SL, Metspalu A, Pirastu M, Shuldiner AR, van Pelt LJ, Zwaginga JJ, Boomsma DI, Deary IJ, Franke A, Frogue P, Ganesh SK, Jarvelin MR, Martin NG, Meisinger C, Psaty BM, Spector TD, Wareham NJ, Akkerman JWN, Ciullo M, Deloukas P, Greinacher A, Jupe S, Kamatani N, Khadake J, Kooner JS, Penninger J, Prokopenko I, Stemple D, Toniolo D, Wernisch L, Sanna S*, Hicks AA*, Rendon A*, Ferreira MA*, Ouwehand WH*, Soranzo N*. New gene functions in megakaryopoiesis and platelet formation. *Nature* 2011;480(7376):201-208. PMID: PMC3335296
53. Taylor KC, Lange LA, Zabaneh D, Lange E, Keating BJ, **Tang W**, Smith NL, Joseph A, Delaney JA, Kumari M, Hingorani A, North KE, Reiner AP. A gene-centric association scan for coagulation factor VII levels in European and African Americans: The Candidate Gene Association Resource (CARE) Consortium. *Human Molecular Genetics* 2011;20(17):3525-3534. PMID: PMC3153310
54. Lemaitre RN*, Tanaka T*, **Tang W***, Manichaikul N*, Foy M*, Kabagambe EK, Nettleton JA, King IB, Weng LC, Bhattacharya S, Bandinelli S, Bis JC, Rich SS, Jacobs DR Jr, Cherubini A, McKnight B, Liang S, Gu X, Rice K, Laurie CC, Lumley T, Browning BL, Psaty BM, Chen YDI, Friedlander Y, Djousse L, Wu JHY, Siscovick DS, Uitterlinden AG, Arnett DK, Ferrucci L*, Fornage M*, Tsai MY*, Mozaffarian D*, Steffen LM*. Genetic loci associated with plasma phospholipid n-3 fatty acids: A meta-analysis of genome-wide association studies from the CHARGE consortium. *PLoS Genetics* 2011;7(7):e1002193. PMID: PMC3145614
55. Lutsey PL, Cushman M, Heckbert SR, **Tang W**, Folsom AR. Longer legs are associated with greater risk of incident venous thromboembolism: The Longitudinal Study of Thromboembolism Etiology (LITE). *Thrombosis and Haemostasis* 2011;106(1):113-120. PMID: PMC3180885
56. Campos M, Sun W, Yu F, Barbalic M, **Tang W**, Chambless LE, Wu KK, Ballantyne C, Folsom AR, Boerwinkle E, Dong JF. Genetic determinants of plasma von Willebrand factor antigen levels: A target gene SNP and haplotype analysis of ARIC cohort. *Blood* 2011;117(19):5224-5230. PMID: PMC3109544
57. Smith NL, Rice KM, Bovill EG, Cushman M, Bis JC, McKnight B, Lumley T, Glazer NL, van Hylckama Vlieg A, **Tang W**, Dehghan A, Strachan DP, O'Donnell CJ, Rotter JI, Heckbert SR, Psaty BM, Rosendaal FR. Genetic variation associated with plasma von Willebrand factor levels and the risk of incident venous thrombosis. *Blood* 2011;117(22):6007-6011. PMID: PMC3112044

58. Lo KS, Wilson JG, Lange LA, Folsom AR, Galarneau G, Ganesh SK, Grant SF, Keating BJ, McCarroll SA, Mohler Iii ER, O'Donnell CJ, Palmas W, **Tang W**, Tracy RP, Reiner AP, Lettre G. Genetic association analysis highlights new loci that modulate hematological trait variation in Caucasians and African Americans. *Human Genetics* 2011;129(3):307-317. PMID: PMC3442357
59. Shimbo D, Muntner P, Mann D, Barr RG, **Tang W**, Post W, Lima J, Burke G, Bluemke D, Shea S. Association of left ventricular hypertrophy with incident hypertension: The Multi-Ethnic Study of Atherosclerosis. *American Journal of Epidemiology* 2011;173(8):898-905. PMID: PMC3105258
60. Wassel CL, Lange LA, Keating BJ, Taylor KC, Johnson AD, Palmer C, Ho LA, Smith NL, Lange EM, Li Y, Yang Q, Delaney JA, **Tang W**, Tofler G, Redline S, Taylor HA, Wilson JG, Tracy RP, Jacobs DR Jr, Folsom AR, Green D, O'Donnell CJ, Reiner AP. Association of genomic loci from a cardiovascular gene SNP array with fibrinogen levels in European Americans and African Americans from six cohort studies: The Candidate Gene Association Resource (CARE). *Blood* 2011;117(1):268-275. PMID: PMC3037748
61. **Tang W**, Basu S, Kong X, Pankow JS, Aleksic N, Tan A, Cushman M, Boerwinkle E, Folsom AR. Genome-wide association study identifies novel loci for plasma levels of protein C: The ARIC study. *Blood* 2010;116(23):5032-5036. PMID: PMC3012596
62. van Loon JE, Leebeek FWG, Deckers JW, Dippel DWJ, Poldermans D, Strachan DP, **Tang W**, O'Donnell CJ, Smith NL, de Maat MPM. Effect of genetic variations in syntaxin binding protein-5 and syntaxin-2 on von Willebrand factor concentration and cardiovascular risk. *Circulation. Cardiovascular Genetics* 2010;3(6):507-512. PMID: PMC3511837
63. **Tang W**, Apostol G, Schreiner PJ, Jacobs DR Jr, Boerwinkle E, Fornage M. Associations of lipoprotein lipase gene polymorphisms with longitudinal plasma lipid trends in young adults: The CARDIA study. *Circulation. Cardiovascular Genetics* 2010;3(2):179-186. PMID: PMC3004750
64. Smith NL*, Chen MH*, Dehghan A*, Strachan DP*, Basu S*, Soranzo N, Hayward C, Rudan I, Sabater-Lleal M, Bis JC, de Maat M, Rumley A, Kong X, Yang Q, Williams FMK, Vitart V, Campbell H, Mälarstig A, Wiggins KL, Van Duijn C, McArdle WL, Pankow JS, Johnson AD, Silveira A, McKnight B, Uitterlinden A, Wellcome Trust Case Control Consortium, Aleksic N, Meigs JB, Peters A, Koenig W, Cushman M, Kathiresan S, Rotter JI, Bovill EG, Hofman A, Boerwinkle E, Totter GH, Peden J, Psaty BM, Leebeek F, Folsom AR, Larson MG, Spector TD, Wright AF, Wilson JF, Hamsten A, Lumley T†, Witteman JC†, **Tang W**†, O'Donnell CJ†. Novel associations of multiple genetic loci with plasma levels of factor VII, factor VIII, and von Willebrand factor: The CHARGE Consortium. *Circulation* 2010;121(12):1382-1392. PMID: PMC2861278
65. Tsai AK, Li N, Hanson NQ, Tsai MY, **Tang W**. Associations of genetic polymorphisms of arachidonate 5-lipoxygenase-activating protein with risk of coronary artery disease in a European American population. *Atherosclerosis* 2009;207(2):487-491.
66. Arnett DK, Li N, **Tang W**, Rao DC, Devereux RB, Claas SA, Kraemer R, Broeckel U. Genome-wide association study identifies single-nucleotide polymorphism in KCNB1 associated with left ventricular mass in humans: The HyperGEN Study. *BMC Medical Genetics* 2009;10:43. PMID: PMC2692849
67. **Tang W**, Devereux RB, Li N, Oberman A, Kitzman DW, Rao DC, Hopkins PN, Claas SA, Arnett DK. Identification of a pleiotropic locus on chromosome 7q for a composite left ventricular wall thickness factor and body mass index: The HyperGEN Study. *BMC Medical Genetics* 2009;10:40. PMID: PMC2692848
68. Arnett DK, Devereux RB, Rao DC, Li N, **Tang W**, Kraemer R, Claas SA, Leon JM, Broeckel U. Novel variants contributing to left ventricular hypertrophy identified with genetic linkage and association: The HyperGEN Study. *Journal of Hypertension* 2009;27(8):1585-1593. PMID: PMC2868312

69. Dehghan A, Yang Q, Peters A, Basu S, Bis JC, Rudnicka AR, Kavousi M, Chen MH, Baumert J, Lowe GD, McKnight B, **Tang W**, de Maat M, Larson MG, Eyhermendy S, McArdle WL, Lumley T, Pankow JS, Hofman A, Massaro JM, Rivadeneira F, Kolz M, Taylor KD, van Duijn CM, Kathiresan S, Illig T, Aulchenko YS, Volcik KA, Johnson AD, Uitterlinden AG, Tofler GH, Gieger C; Wellcome Trust Case Control Consortium, Psaty BM, Couper DJ, Boerwinkle E, Koenig W, O'Donnell CJ, Witteman JC, Strachan DP, Smith NL, Folsom AR. Association of novel genetic loci with circulating fibrinogen levels: A genome-wide association study in six population-based cohorts. *Circulation. Cardiovascular Genetics* 2009;2:125-133. PMID: PMC2764985
70. Huang P, Kraja AT, **Tang W**, Hunt SC, North KE, Lewis CE, Devereux RB, de Simone G, Arnett DK, Rice T, Rao DC. Factor relationships of metabolic syndrome and echocardiographic phenotypes in the HyperGEN Study. *Journal of Hypertension* 2008;26(7):1360-1366. PMID: PMC2663576
71. Kraja AT, Huang P, **Tang W**, Hunt SC, North KE, Lewis CE, Devereux RB, de Simone G, Arnett DK, Rice T, Rao DC. QTLs of factors of the metabolic syndrome and echocardiographic phenotypes: The Hypertension Genetic Epidemiology Network Study. *BMC Medical Genetics* 2008;9:103. PMID: PMC2626585
72. Djoussé L, Kochar J, Hunt SC, North KE, Gu CC, **Tang W**, Arnett DK, Devereux RB. Relation of albuminuria to left ventricular mass (HyperGEN Study). *American Journal of Cardiology* 2008;101(2):212-216.
73. Kraja AT, Province MA, Arnett D, Wagenknecht L, **Tang W**, Hopkins PN, Djoussé L, Borecki IB. Do inflammation and procoagulation biomarkers contribute to the metabolic syndrome cluster? *Nutrition & Metabolism (Lond)* 2007;4:28. PMID: PMC2254623
74. **Tang W**, Pankow JS, Carr JJ, Tracy RP, Bielinski SJ, North KE, Hopkins PN, Kraja AT, Arnett DK. Association of sICAM-1 and MCP-1 with coronary artery calcification in families enriched for coronary heart disease or hypertension: the NHLBI Family Heart Study. *BMC Cardiovascular Disorders* 2007;7:30. PMID: PMC2204036
75. de Simone G, **Tang W**, Devereux RB, Hunt S, Kitzman DW, Rao DC, Arnett DK. Assessment of the interaction of heritability of volume load and left ventricular mass: The HyperGEN Offspring Study. *Journal of Hypertension* 2007;25(7):1397-1402.
76. Bella JN, **Tang W**, Kraja A, Rao DC, Hunt SC, Miller MB, Palmieri V, Roman MJ, Kitzman DW, Oberman A, Devereux RB, Arnett DK. Genome-wide linkage mapping for valve calcification susceptibility loci in hypertensive sibships: The Hypertension Genetic Epidemiology Network Study. *Hypertension* 2007;49(3):453-460.
77. Kraja AT, Borecki IB, North K, **Tang W**, Myers RH, Hopkins PN, Corbett J, Adelman A, Province MA. Longitudinal and age trends of metabolic syndrome and its risk factors. The NHLBI Family Heart Study. *Nutrition & Metabolism* 2006;3:41. PMID: PMC1697811
78. Bielinski SJ, **Tang W**, Miller MB, Mosley TH, Boerwinkle E, Olshen RA, Curb JD, Jaquish CE, Rao DC, Weder A, Arnett DK. Genome-wide linkage scans for loci affecting total cholesterol, HDL-C, and triglycerides: The Family Blood Pressure Program (FBPP). *Human Genetics* 2006;120(3):371-380.
79. **Tang W**, Arnett DK, Province MA, Lewis CE, North K, Carr JJ, Pankow JS, Hopkins PN, Devereux RB, Wilk JB, Wagenknecht L. Racial differences in the association of coronary calcified plaque with left ventricular hypertrophy: The NHLBI Family Heart Study and Hypertension Genetic Epidemiology Network Study. *American Journal of Cardiology* 2006;97(10):1441-1448.
80. **Tang W**, Hong Y, Province MA, Rich SS, Hopkins PN, Arnett DK, Pankow JS, Eckfeldt J, Rao DC. Familial clustering for features of the metabolic syndrome: The NHLBI Family Heart Study. *Diabetes Care* 2006;29(3):631-636.
81. Djoussé L, Hunt SC, **Tang W**, Eckfeldt JH, Province MA, Ellison RC. Dietary linolenic acid and fasting glucose and insulin: the NHLBI Family Heart Study. *Obesity* 2006;14(2):295-300.
82. **Tang W**, Pankow JS, Arnett DK. RE: (Mis)use of factor analysis in the study of insulin resistance syndrome (letter). *American Journal of Epidemiology* 2005;162(9):921-922.
83. **Tang W**, Arnett DK, Devereux RB, Panagiotou D, Province MA, Miller MB, de Simone G, Gu CC, Ferrell RE. Identification of a novel 5-bp deletion in calcineurin B promoter region and its association with left ventricular hypertrophy. *American Heart Journal* 2005;150(4):845-851.

84. Arnett DK, **Tang W**, Province MA, Oberman A, Ellison CR, Morgan D, Eckfeldt JH, Hunt SC. Interarm differences in seated systolic and diastolic blood pressure: The Hypertension Genetic Epidemiology Network Study. *Journal of Hypertension* 2005;23(6):1141-1147.
85. **Tang W**, Devereux RB, Kitzman DW, Province MA, Leppert M, Oberman A, Hopkins PN, Arnett DK. The Arg16Gly polymorphism of the 2-adrenergic receptor and left ventricular systolic function. *American Journal of Hypertension* 2003;16(11 Pt 1):945-951.
86. **Tang W**, Rich SS, North KE, Pankow JS, Miller MB, Borecki IB, Myers RH, Hopkins PN, Leppert M, Arnett DK. Linkage analysis of a composite factor for the multiple metabolic syndrome: The National Heart, Lung, and Blood Institute Family Heart Study. *Diabetes* 2003;52(11):2840-2847.
87. **Tang W**, Arnett DK, Devereux RB, Province MA, Atwood LD, Oberman A, Hopkins PN, Kitzman DW. Sibling resemblance for left ventricular structure, contractility, and diastolic filling. *Hypertension* 2002;40(3):233-238.
88. **Tang W**, Arnett DK, Devereux RB, Atwood LD, Kitzman DW, Rao DC. Linkage of left ventricular early diastolic peak filling velocity to chromosome 5 in hypertensive African Americans: the HyperGEN Echocardiography Study. *American Journal of Hypertension* 2002;15(7 Pt 1):621-627.
89. **Tang W**, Devereux RB, Rao DC, Oberman A, Hopkins PN, Kitzman DW, Arnett DK. Associations between angiotensinogen gene variants and left ventricular mass and function in the HyperGEN study. *American Heart Journal* 2002;143(5):854-860.
90. Vogler GP, **Tang W**, Nelson TL, Hofer SM, Grant JD, Tarantino LM, Fernandez JR. A multivariate model for the analysis of sibship covariance structure using marker information and multiple quantitative traits. *Genetic Epidemiology* 1997;14(6):921-926.
91. **Tang W**, Zhang K, Sun G, Zhang Y, et al. A KABP study on HIV/AIDS in female prostitutes in four cities of China [Chinese]. *Chinese Journal of Epidemiology* 1995;16(1-A):36-38.
92. Zhang K, Zhang X, Luo B, **Tang W**. A KABP study on AIDS among hotel attendants and taxi drivers in Beijing [Chinese]. *Chinese Journal of Epidemiology* 1994;15(6):323-327.
93. **Tang W**. Research methodology on HIV/AIDS-related behaviors: A review [Chinese]. *World Medicine: Social Medicine* 1994;Part 11(4):156-158.
94. Luan R, Zhao H, **Tang W**, et al. An epidemiological study of life event and scoring system [Chinese]. *Modern Preventive Medicine Journal* 1992;19(3):144-148.

Contributed Papers Presented at Professional Meetings, Conferences, etc.

(in reverse chronological order) *indicates Dr. Tang's PhD advisees

1. **Tang W**, Bell EJ, Roetker NS, Folsom AR, and Cushman M. Epidemiology of Thrombosis in Aging. Invited oral presentation at the Aging and Thrombosis session (Sponsor: Scientific Committee on Thrombosis and Vascular Biology), the 57th American Society of Hematology Annual Meeting & Exposition. Orlando, FL, December 5-8, 2015.
2. Yao L, Folsom A, **Tang W**, Michos E, Pankow J, Selvin E, Alonso A, Lutsey P. Parathyroid hormone and the risk of incident hypertension: The Atherosclerosis Risk in Communities Study (ARIC). Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions, Baltimore, MD, March 3-6, 2015.
3. Christoph MJ, Allison MA, Pankow JS, Decker PA, Kirsch PS, Tsai MY, Sale MM, de Andrade M, Sicotte H, **Tang W**, Hanson NQ, Berardi C, Wassel CL, Larson NB, Bielinski SJ. Sex-specific interaction between adiposity and cellular adhesion: The Multi-Ethnic Study of Atherosclerosis (MESA) Study. Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions, Baltimore, MD, March 3-6, 2015.
4. Weng LC*, Lutsey PL, Alonso A, Guan W, Pankow JS, Folsom AR, **Tang W**. Association between plasma low-density lipoprotein cholesterol level and risk of abdominal aortic aneurysm in ARIC: A Mendelian Randomization Study. Moderated poster presentation at the American Heart Association Epidemiology and Prevention/ Nutrition, Physical Activity and Metabolism Scientific Sessions, San Francisco, CA, March 18-21, 2014.

5. Berardi C, Pankow JS, Tsai MY, Sale M, de Andrade M, Sicotte H, **Tang W**, Hanson N, Decker PA, Kirsch PS, Wessel C, Bielinski SJ. Association of stromal derived factor 1 (SDF1) and transforming growth factor B1 (TGFB1) with incident hypertension: The Multi-Ethnic Study of Atherosclerosis (MESA). Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions, San Francisco, CA, March 18-21, 2014.
6. **Tang W**, Alonso A, Lutsey PL, Lederle F, Yao L, Guan W, Folsom AR. Associations between middle-age risk factors and risk of asymptomatic abdominal aortic aneurysm: The Atherosclerosis Risk in Communities (ARIC) Study. Presented at the American Heart Association Epidemiology and Prevention /Nutrition, Physical Activity and Metabolism Scientific Sessions, San Francisco, CA, March 18-21, 2014.
7. Yao L*, Alonso A, Lutsey P, Cheng S, Folsom A, **Tang W**. Associations between subclinical carotid atherosclerosis and future risk of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities (ARIC) Study. Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions, San Francisco, CA, March 18-21, 2014.
8. **Tang W**, Alonso A, Lutsey PL, Lederle FA, Yao L, Folsom AR. Associations between middle-aged risk factors and future risk of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities (ARIC) Study. Oral presentation at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions, New Orleans, LA, March 19-22, 2013.
9. Weng LC*, **Tang W**, Cushman M, Pankow JS, Basu S, Folsom AR. A gene-centric association study of activated partial thromboplastin time in European Americans and African Americans: The ARIC Study. Moderated poster presentation at the American Heart Association Epidemiology and Prevention /Nutrition, Physical Activity and Metabolism Scientific Sessions, New Orleans, LA, March 19-22, 2013.
10. Berardi C, Decker PA, Kirsch PS, de Andrade M, Tsai M, Pankow JS, Sale MM, Sicotte H, **Tang W**, Hanson N, Polak JF, Bielinski SJ. Serum L-selectin and subclinical cardiovascular outcomes: The Multi-Ethnic Study of Atherosclerosis (MESA) Study. Presented at the American Heart Association Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions, New Orleans, LA, March 19-22, 2013.
11. **Tang W** on behalf of the Extended Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) VTE Consortium. A genome-wide association study for venous thromboembolism. Presented at the Society for Epidemiologic Research 45th Annual Meeting, Minneapolis, MN, June, 2012.
12. **Tang W**, Cushman M, Pankow JS, Heckbert S, Basu S, Weng LC, Folsom AR. A Gene-centric association study of venous thromboembolism: The Longitudinal Investigation of Thromboembolism Etiology Study. Poster presentation at the American Heart Association Joint Conference - Nutrition, Physical Activity and Metabolism and Cardiovascular Disease Epidemiology and Prevention 2012 Scientific Sessions, San Diego, CA, March, 2012.
13. Weng LC*, **Tang W**, Rich SS, Smith NL, Redline S, O'Donnell CJ, Basu S, Reiner AP, Delaney JA, Tracy RP, et al. A genetic association study of D-dimer levels with 50K SNPs from a candidate gene chip in four ethnic groups: The Candidate Gene Association Resource (CARE) consortium. Moderated poster presentation, American Heart Association Joint Conference - Nutrition, Physical Activity and Metabolism and Cardiovascular Disease Epidemiology and Prevention 2012 Scientific Sessions, San Diego, CA, March, 2012.
14. **Tang W**, Basu S, Green D, Reiner AP, Cushman M, Delaney JC, Redline S, Lang LA, Smith NL, Tracy RP, Wilson JG, Tofler G, Keating BJ, Taylor H, Jacobs D, O'Donnell CJ, Folsom AR. A genome-wide association study of circulating fibrinogen, activity of factors VII and VIII, and von Willebrand factor in African Americans of the Candidate Gene Association Resource (CARE) Consortium. Moderated poster presentation at the American Heart Association Joint Conference - Nutrition, Physical Activity and Metabolism and Cardiovascular Disease Epidemiology and Prevention 2011 Scientific Sessions, Atlanta, GA, March, 2011.
15. **Tang W**, Cushman M, Basu S, Green D, Reiner AP, Delaney JA, Lange LA, Smith NL, Tracy RP, Wilson JG, Tofler G, Yang Q, Keating BJ, Taylor H, Jacobs D, O'Donnell CJ, Folsom AR. Gene-centric approach identifies new and known loci for factor VIII activity and von Willebrand factor antigen in the Candidate Gene Association Resource (CARE) Consortium. Oral presentation at the 2010 Annual Meeting of the American Society of Hematology, Orlando, FL.

16. **Tang W**, Cushman M, Schwienbacher C, Houlihan LM, Ben-Shlomo Y, Basu S, Gögele M, Davies G, Lowe GDO, Pankow JS, Tenesa A, Volpato C, Rumley A, Gow AJ, Minelli C, Yarnell JWG, Porteous DJ, Starr JM, Boerwinkle E, Visscher PM, Pramstaller PP, Deary IJ, Hicks AA, Folsom AR. Genome-wide association study identifies multiple genetic loci for activated partial thromboplastin time and prothrombin time. Poster presentation at the 2010 Annual Meeting of the American Society of Hematology, Orlando, FL.
17. Alonso A, **Tang W**, Soliman EZ, Agarwal SK, Chamberlain AM, Folsom AR. Hemostatic markers are associated with risk and prognosis for atrial fibrillation: the Atherosclerosis Risk in Communities (ARIC) Study. American Heart Association Joint Conference – 50th Cardiovascular Disease Epidemiology and Prevention-and- Nutrition, Physical Activity and Metabolism, March, 2010.
18. **Tang W**, Broeckel U, Li N, Rao DC, Devereux RB, Tiwari HK, Arnett DK. Genome-wide association study of left ventricular diastolic function: The Hypertension Genetic Epidemiology Network (HyperGEN). American Heart Association Joint Conference – 50th Cardiovascular Disease Epidemiology and Prevention-and- Nutrition, Physical Activity and Metabolism, March, 2010.
19. **Tang W**, Basu S, Folsom AR, Kong X, Pankow JS, Aleksic N, Boerwinkle E. Genome-wide association scan identifies multiple loci for plasma levels of protein C in the ARIC cohort. ASHG 59th Annual Meeting, Honolulu, HI, October, 2009.
20. **Tang W**, Li N, Wilk JB, Myers RH, Pankow JS. Common variants in the calpain-10 gene are associated with the clustering of metabolic syndrome-related phenotypes: The NHLBI Family Heart Study. American Heart Association 49th Epi Council Meeting, March, 2009.
21. **Tang W**, Morrison A, Wasserman B, Folsom AR, Sun W, Campbell S, Kao L, Boerwinkle E. Associations of CERPINA9 gene variants with carotid artery atherosclerosis: The Atherosclerosis Risk in Communities (ARIC) Carotid MRI Study. American Heart Association 49th Epi Council Meeting, March, 2009.
22. **Tang W**, Apostol G, Jacobs DR Jr, Boerwinkle E, Fornage M, Schreiner PJ. Association of lipoprotein lipase gene polymorphisms with plasma lipids and longitudinal lipid trends in young adults: The CARDIA Study. American Heart Association 49th Epi Council Meeting, March, 2009.
23. Demerath E, **Tang W**, et al. Menopausal status does not impact visceral adipose tissue level in a large sample of healthy women. 2008 Annual Scientific Meeting of the Obesity Society, Phoenix, AZ, October 3-7, 2008.
24. **Tang W**, Devereux RB, Li N, Oberman A, Kitzman DW, Rao DC, Hopkins PN, Arnett DK. Identification of a pleiotropic locus on chromosome 7q for a composite left ventricular wall thickness factor and body mass index: the HyperGEN Study. Poster presentation at the American Heart Association 48th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Colorado Springs, CO, March 11-15, 2008.
25. Kochar J, Djoussé Luc, Hunt SC, North KE, Gu C, **Tang W**, Arnett DK. Microalbuminuria and left ventricular mass in the HyperGEN study. February, 2007.
26. **Tang W**, Pankow JS, Carr JJ, Tracy RP, Bielinski SJ, North K, Hopkins PN, Arnett DK. Association of MCP-1 and sICAM-1 with calcified atherosclerotic plaque in the coronary arteries in the NHLBI Family Heart Study. Poster presentation at the American Heart Association Scientific Sessions, Chicago, II, November 12-15, 2006.
27. Broeckel U, **Tang W**, Kraemer R, Li N, Michalkiewicz M, Devereux RB, Arnett DK. Association of neuropeptide Y2 receptor polymorphisms with phenotypes of left ventricular hypertrophy. October, 2006.
28. Bella JN, **Tang W**, Kraja A, Hunt SC, Miller M, Palmieri V, Roman MJ, Kitzman DW, Oberman A, Devereux RB, Arnett DK. Genetic linkage of aortic valve sclerosis and mitral annular calcification: The HyperGEN study. October, 2006.
29. de Simone G, **Tang W**, Arnett DK, Rao DC, Kitzman DW, Hunt SC, Bella JN, Devereux RB. Role of volume load in heritability of left ventricular mass: The HyperGEN Offspring Study. Oral presentation at the American College of Cardiology 55th Annual Scientific Session (Session 835, Hypertension: Target Organ Damage), Atlanta, GA, March 14, 2006.

30. **Tang W**, Pankow JS, Tracy RP, Zhang Y, Hopkins PN, Eckfeldt JH, Lewis CE. Association of biomarkers with rheumatoid arthritis in the NHLBI Family Heart Study. Poster presented at the 46th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Phoenix, AZ, March 2-5, 2006.
31. North KE, Myers RH, Feitosa M, **Tang W**, Lewis C, Hopkins J, Wagenknecht L, Kraja A, Borecki IB. Genetic architecture of adiposity: Evidence for epistatic interactions on chromosomes 7 and 13 in the NHLBI Family Heart Study (FHS). November, 2005.
32. **Tang W**, Hong Y, Province MA, Rich SS, Hopkins PN, Arnett DK, Pankow JS, Eckfeldt JH. Genetic clustering for features of the metabolic syndrome: The NHLBI Family Heart Study. Poster presented at the 45th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Washington DC, April 29-May 2, 2005.
33. **Tang W**, Arnett DK, Devereux RB, Panagiotou D, Province MA, Gu C, Ferrell RE. Identification of a novel 5-bp deletion in calcineurin B (PPP3R1) promoter region and its association with left ventricular hypertrophy. Poster presented at the 44th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, San Francisco, CA, March 3-7, 2004.
34. Miller MB, **Tang W**, Province M, Hunt S, Arnett DK. Sequential QTL mapping by variance components in ordered subsets. Oral presentation at the International Genetic Epidemiology Society 12th Annual Meeting, Redondo Beach, CA, November 2-4, 2003.
35. **Tang W**, Rich SS, North KE, Pankow JS, Miller MB, Borecki IB, Myers RH, Hopkins PN, Leppert M, Arnett DK. Linkage analysis of a composite factor for the multiple metabolic syndrome (MMS): The NHLBI Family Heart Study. Oral presentation at the NHLBI Cardiovascular Epidemiology, Biostatistics and Behavioral Medicine Trainee Session in conjunction with the 43rd Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Miami, FL, March 5-8, 2003.
36. **Tang W**, Devereux RB, Kitzman DW, Province MA, Leppert M, Oberman A, Hopkins PN, Arnett DK. Associations between beta-2 adrenergic receptor gene polymorphism and left ventricular systolic function: The Hypertension Genetic Epidemiology Network Study. Poster presented at the 42nd Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Honolulu, HI, April 24-26, 2002.
37. **Tang W**, Arnett DK, Devereux RB, Kitzman DW, Wall M, Oberman A, Hopkins PN, Rao DC. Linkage analysis of composite factors for left ventricular structure and function: The Hypertension Genetic Epidemiology Network Study. Poster presented at the 42nd Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Honolulu, HI, April 24-26, 2002.
38. **Tang W**, Arnett DK, Devereux RB, Kitzman DW, Rao DC. A genome-wide linkage analysis of left ventricular diastolic early filling velocity in hypertensive African Americans and Whites: The HyperGEN Echocardiography Study. Poster presented at the 50th Annual Meeting of the American Society of Human Genetics, Philadelphia, PA, October 3-7, 2000.
39. **Tang W**, Arnett DK, Devereux RB, Hopkins PN, Oberman A, Province MA, Kitzman DW. Heritability of left ventricular diastolic filling in hypertensive African Americans and Whites: The HyperGEN Echocardiography Study. Poster presented at the 40th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, San Diego, CA, March 1-4, 2000.
40. **Tang W**, Devereux RB, Province MA, Atwood LD, Arnett DK. Sibling correlations of echocardiographic left ventricular measurements derived from factor models: The HyperGEN Study. Poster presented at the 8th Annual Meeting of International Genetic Epidemiology Society, St. Louis, MO, September 9-10, 1999.
41. **Tang W**, Devereux RB, Rao DC, Oberman A, Hopkins PN, Kitzman DW, Arnett DK. Associations between angiotensinogen gene polymorphism and left ventricular mass and geometric pattern. Poster presented at the 39th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Orlando, FL, March 24-27, 1999.
42. Vogler GP, **Tang W**, Nelson TL, Hofer SM, Grant JD, Tarantino LM, Fernandez JR. A multivariate model for the analysis of sibship covariance structure using marker information and multiple quantitative traits. Paper presented at the Genetic Analysis Workshop 10 (GAW10), Pajaro Dunes, CA, 1996.

Invited Presentations Presented at Professional Meetings, Conferences, etc.

1. Genome-wide association studies for circulating fibrinogen and venous thromboembolism. Department of Epidemiology, the University of Alabama at Birmingham, Birmingham, AL, 2014.
2. Genome-wide association studies for activated partial thromboplastin time (aPTT) and venous thromboembolism. Department of Epidemiology, Tulane University, New Orleans, LA, 2014.
3. A genome-wide association study for activated partial thromboplastin time (aPTT) and prothrombin time (PT) and exploration of biological and clinical relevance. Presented at the Center for Cognition and Brain Disorders, The Affiliated Hospital of Hangzhou Normal University, Hangzhou, China, 2012.
4. Session Chair, Genetic Epidemiology, Society for Epidemiologic Research 45th Annual Meeting, Minneapolis, MN, 2012.
5. A Genome-wide association study of circulating hemostasis factors in African Americans. Institute of Human Genetics, University of Minnesota, Minneapolis, MN, 2009.
6. Genetic Epidemiological Studies of Metabolic Syndrome Related Variables, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, Philadelphia, PA.
7. As part of an online cardiometabolic CME journal club, hosted by Dr. Christopher P. Cannon from Harvard Medical School, presented and discussed my paper titled "Familial Clustering for Features of the Metabolic Syndrome" which was published in the March issue of *Diabetes Care*, 2006.
8. Genetic Epidemiological Studies of Metabolic Syndrome and Left Ventricular Hypertrophy. Cardiovascular Institute, University of Pennsylvania, Philadelphia, PA, 2006.
9. Genetic Epidemiological Studies of Metabolic Syndrome, Department of Population Health Sciences, University of Wisconsin-Madison, Madison, WI, 2003.

TEACHING AND ADVISING

Continuing Education Attended

Spring 2012 Participant, Early Career Teaching Program, University of Minnesota, Minneapolis, MN

University of Minnesota

Teaching

Courses Taught

Fall 2012-present Instructor, PubH 6355 Pathophysiology of Human Disease, Division of Epidemiology and Community Health, University of Minnesota, Minneapolis, MN

Spring 2012 Instructor, PubH 7391 Independent Study: Genetic Epidemiology, Division of Epidemiology and Community Health, University of Minnesota, Minneapolis, MN

Guest Lectures

Spring 2011-12 PubH 6387 Cancer Epidemiology, Division of Epidemiology and Community Health, University of Minnesota, Minneapolis, MN

Spring 2010 PubH 8300 Advanced Epidemiologic Methods, Division of Epidemiology and Community Health, University of Minnesota, Minneapolis, MN

Fall 2006-08, 10-14 PubH 6381 Genetics in Public Health, Division of Epidemiology and Community Health, University of Minnesota, Minneapolis, MN

Advising

Current

Masters Student Advisees	3
Doctoral Student Advisees	1

Completed

Undergraduate Research Projects	1
Masters Theses Directed	3
Masters Student Advisees	15
Doctoral Student Advisees	1
Doctoral Committees Served On	1
Graduate Research Projects	10
Graduate Research Projects	1

SERVICE TO THE DISCIPLINE/PROFESSION

Committee memberships

2012	Session Chair, Genetic Epidemiology, Society for Epidemiologic Research 45th Annual Meeting
------	---------------------------------------------------------------------------------------------

Review panels for external funding agencies

National

2014	Ad hoc reviewer, NIH Rare Disease Clinical Research Consortia Panel
2014	NIH/NIDDK R13 Conference Grant Review
2014	Grant reviewer, American Heart Association the Cardiovascular Genome Phenome Study (CVGPS) Panel
2011-present	Ad hoc reviewer, NIH Peer Review Committee KNOD
2009	Grant reviewer, American Heart Association Spring and Fall Epidemiology, Prevention, Outcomes, and Behavior Science Peer Review Committees
2008-2011	NIH Peer Review Committees: Special Emphasis Panels for KNOD and CASE member conflict applications

International

2004-2008	Grant reviewer, Singapore National Medical Research Council
-----------	-------------------------------------------------------------

Regional

2006, 2012	Grant reviewer, Tobacco-Related Disease Research Program, University of California
2006	Grant reviewer, US Civilian Research and Development Foundation

SERVICE TO THE UNIVERSITY/COLLEGE/DEPARTMENT

University of Minnesota

2014-2015	Driven to Discover CTSI grant reviewer
2010	Grant reviewer of UW-UMN Type 2 translational Partnership research grants for the Office of Community Engagement for Health (OCEH) of the Clinical and Translational Science Institute

Division of Epidemiology and Community Health

2015-2016 Epidemiology MPH Admissions Committee
2015-2016 Epidemiology PhD Exam Committee: Part A: Day 1
2014-present Epidemiology PhD Part A Exam Committee
2014 MPH program recruitment --Why MN panel
2013-present Epidemiology PhD Admissions Committee
2013-present Hawley Award Committee
2012-2013 Epidemiology PhD Part A Exam Committee
2011-2013 Member, Faculty Executive Committee (FEC)
2011-2013 Epidemiology MPH Admissions Committee
2010-present Epidemiology PhD Part A exam grader
2010-present Epidemiology PhD Part B exam grader

OTHER SERVICE

Professional consulting

2009-2010 University of Mississippi Medical Center, NIH/NHLBI Grant # 5 R01 HL093029-01