

CURRICULUM VITAE

NAME: Yiqing Song

EDUCATION:

POSTDOCTORAL

Division of Preventive Medicine, Brigham and Women's Hospital	Research fellow, Nutrition Epidemiology	02/03-06/05
--	---	-------------

GRADUATE

Harvard School of Public Health	Sc.D. Epidemiology and Nutrition	06/09/2005
University of Texas at Austin	M.A. Nutrition	08/21/2000

UNDERGRADUATE

Beijing Medical University	M.B.B.S. Medicine (Equivalent to M.D.)	08/01/1993
----------------------------	--	------------

FURTHER EDUCATION: (Advanced and Specialty Training, Fellowships, Institutes)

The Third Teaching Hospital, Beijing Medical University, Beijing, China	Resident in Pediatrics	08/1993-06/1997
--	------------------------	-----------------

The Third Teaching Hospital, Beijing Medical University, Beijing, China	Resident in-Chief in Pediatrics	07/1997-07/1998
--	---------------------------------	-----------------

APPOINTMENTS:

ACADEMIC (i.e. academic appointments, including academic administrative roles)

Indiana University Richard M. Fairbanks School of Public Health, Department of Epidemiology	Professor	07/2017-present
---	-----------	-----------------

Indiana University Richard M. Fairbanks School of Public Health, Department of Epidemiology	Associate Professor	11/2013-06/2017
---	---------------------	-----------------

Harvard Medical School, Division of Preventive Medicine	Assistant Professor	06/2008-11/2013
--	---------------------	-----------------

Harvard Medical School, Division of Preventive Medicine	Instructor	07/2005-05/2008
--	------------	-----------------

NON-ACADEMIC (i.e. administrative, hospital or corporate appointments, consultantships)

Indiana University Richard M. Fairbanks School of Public Health, Department of Epidemiology	PhD Program Director	11/2013-present
Brigham and Women's Hospital Harvard Medical School	Associate Epidemiologist	07/2005-11/2013

PROFESSIONAL ORGANIZATION MEMBERSHIPS:

The American Society of Human Genetics		2003-2014
American Society for Clinical Nutrition and American Society for Nutritional Sciences		2004-present
American Heart Association		2004-present
American Diabetes Association		2004-present
Society for Epidemiologic Research		2008-present

PROFESSIONAL HONORS AND AWARDS:

RESEARCH

Travel Award	Boston Obesity Nutrition Research Center (BONRC)	2005
Travel Award for Young Investigators	American Diabetes Association (ADA's 66 th Scientific session)	2006
Finalist for the Mark Bieber Award For an Early Career Investigator	American Heart Association Council on Nutrition, Physical Activity and Metabolism	2009
Research Frontiers Trailblazer Award	Indiana University (IUPUI)	2015
The Award for Excellence in Research Addressing Cardiovascular Health Equity	American Heart Association, Council on Lifestyle and Cardiometabolic Health	2017

SERVICE

The Year Award for Residents	The Third Teaching Hospital, Beijing Medical University	1995
Community Service Award	American Chinese Medical Exchange Society	2010
President's Leadership Award	American Chinese Medical Exchange Society	2013

TEACHING:

TEACHING ASSIGNMENTS:

GRADUATE

Course #	Short Title	Format	Role	Term	Enrollment
EPI 200a	Principles of Epidemiology	Lab Lecture	Teaching Assistant	Fall 2005	21
EPI233a	Research Synthesis & Meta-analysis	Guest	Instructor	Fall 2005-2007	53
LN701.0	Medical Mandarin	Lecture	Instructor	Spring 2012- Fall 2013	10
PBHL-E795	Cardiovascular Epidemiology	Guest	Instructor	Spring 2014	5
PBHL-E670	Public Health Surveillance	Guest	Instructor	Spring 2014	8
SHRS-W670	Research Practicum	Project	Instructor	Spring 2015	1
SHRS-W680	Independent Study	Project	Instructor	Spring 2015	1
PBHL-E670	Doctoral Research Seminar In Epidemiology	Guest	Instructor	Summer 2015	5
PBHL-E670	Systematic Review & Meta-analysis in Health Science	Lecture	Instructor	Summer II 2015	5
PBHL-E795	Cardiovascular Epidemiology	Guest	Instructor	Spring 2016	6
PBHL-E601	Advanced Epidemiology	Guest	Instructor	Spring 2016	42
PBHL-E750	Independent Study	Project	Instructor	Spring 2016	1
PBHL-E650	Readings in Public Health	Lecture	Instructor	Spring 2016	1
PBHL-E670	Systematic Review & Meta-analysis in Health Science	Lecture	Instructor	Summer II 2016	8
PBHL-E795	Cardiovascular Epidemiology	Guest	Instructor	Spring 2017	9

CONTINUING EDUCATION

Course #	Short Title	Format	Role	Term	Enrollment
CME program	Epidemiology of Type 2	Guest	Instructor	40370	22

diabetes In Asia

MENTORING:

Individual	Role	Inclusive Dates
Eric L. Ding	ScD Epidemiology Harvard School of Public Health Role: Research Supervisor	2005-2006
Nai-chieh You	PhD Epidemiology School of Public Health, UCLA Role: Research Supervisor	2006-2008
Rachelle Rodriguez	PhD Epidemiology School of Public Health, UCLA Role: Doctoral Dissertation Committee	2008-2011
Oluyinka Sorunke	Research Fellow in Preventive Medicine Harvard Medical School Role: Research Mentor	2006-2007
Liana Del Gobbo	PhD Nutrition McGill University Role: Doctoral Dissertation Committee	2011-2012
Atsushi Goto	PhD Epidemiology School of Public Health, UCLA Role: Research Supervisor	2012-2013
Paulette Chandler	Clinical Fellow Brigham and Women's Hospital Role: Research Mentor	2013- 2014
Xiaochen Lin	PhD Epidemiology School of Public Health, Brown University Role: Research Supervisor	2012-2015
Hexin Zheng	Visiting scholar at IU Fairbanks School of Public Health-Epidemiology Role: Supervisor	2014-2014
Xi Zhang	Postdoc fellow at IU Fairbanks School of Public Health-Epidemiology Role: Supervisor	2014-present
Yanmei Lou	Visiting scholar at IU Fairbanks School of Public Health-Epidemiology Role: Supervisor	2014-2015
Liana Del Gobbo	Postdoc fellow at Stanford University School of Medicine Role: Supervisor	2015-present
Huilin Tang	Visiting scholar at IU Fairbanks School of Public Health-Epidemiology Role: Supervisor	2015-present

Ran Li	Visiting scholar at IU Fairbanks School of Public Health-Epidemiology Role: Supervisor	2016-present
Zangdong He	PhD Biostatistics IU Fairbanks School of Public Health Role: Doctoral Dissertation Committee	2013-2014
Liana Del Gobbo	Postdoc fellow at Stanford University School of Medicine Role: Supervisor	2015-present
Abdullah Masud	PhD Biostatistics IU Fairbanks School of Public Health Role: Doctoral Dissertation Committee	2015-present
Jin Xia	PhD Epidemiology IU Fairbanks School of Public Health Role: Supervisor	2014-present
Wambui G Gathirua-Mwangi	PhD Epidemiology IU Fairbanks School of Public Health Role: Doctoral Dissertation Committee Co-chair	2015-2016
Carolyn Muegge	PhD Epidemiology IU Fairbanks School of Public Health Role: Doctoral Dissertation Committee Co-chair	2015-present
Jill Layton	PhD Epidemiology IU Fairbanks School of Public Health Role: Doctoral Dissertation Committee	2015-present
Meghan Jones	PhD Epidemiology IU Fairbanks School of Public Health Role: Supervisor	2015-present
Daojun Mao	PhD Epidemiology IU Fairbanks School of Public Health Role: Doctoral Dissertation Committee	2016-present
Kat Kwiatkowski	PhD Epidemiology IU Fairbanks School of Public Health Role: Doctoral Dissertation Committee	2016-present

TEACHING ADMINISTRATION AND CURRICULUM DEVELOPMENT:

Prior to teaching Systematic Review and Meta-Analysis in Health Sciences (PBHL-E670), I had developed a new curriculum during the Summer 2015 term and revised it for the Summer 2016. This course is designed to provide graduate students with an overview of fundamental concepts and methods of systematic review and meta-analysis in health sciences. Principles and methods will be illustrated through case studies in public health and medicine. This course will focus on hands-on training students' practical skill in the design and conduct of their own systematic review and meta-analysis in various public health and clinical scenarios.

Prior to teaching Chronic Disease Epidemiology (PBHL-E670) during the Fall 2017 term, I had developed a curriculum and instructed two doctoral students for taking Readings in Public Health: Obesity and Diabetes Epidemiology in Spring 2017. My section provides master and

doctoral students with an overview of fundamental concepts and methods of obesity and diabetes mellitus epidemiology. Emphasis will be placed on the design, implementation, analysis, and interpretation of epidemiologic studies of obesity and type 2 diabetes mellitus. Evidence from epidemiologic studies will be reviewed. Recent advances in epidemiological research on obesity and type 2 diabetes will be presented.

RESEARCH/CREATIVE ACTIVITY:

GRANTS/FELLOWSHIPS IN RESEARCH:

ACTIVE RESEARCH GRANTS/FELLOWSHIPS

Racial/Ethnic Differences in 25(OH)D and PTH Levels and CVD among Women
 NIH/NHLBI PI 25% \$1,728,855 05/01/2014-04/30/2017
 R01HL113056

Indiana University (IU) Health–IU School of Medicine Strategic Research Initiative (SRI) in Cardiology
 IU Health PI 10% \$600,000 12/01/2013-11/30/2016

COMPLETED RESEARCH GRANTS/FELLOWSHIPS

Diabetes Prevention in the Vitamin D and Omega-3 Trial
 NIH/NIDDK PI 25% \$2,430,636 09/15/2010-11/30/2013
 R01 DK088078

Diabetes Prevention in the Vitamin D and Omega-3 Trial
 NIH/NIDDK PI (contract) 9% \$87,748 12/02/2013-06/30/2016
 R01 DK088078

Interrelationship of Magnesium, Vitamin D, and Cardiometabolic Outcomes in the VITAL Trial
 NIH/NCI Co- Investigator 20% \$431,636 07/01/2012-11/30/2013
 3U01CA138962-04S1 (supplemental grant)

Plasma Lipid Markers and Cancer Risk
 NIH/NCI PI 10% \$178,500 04/20/2013-01/29/2014
 R03 CA159399

Vanguard Clinical Centers for Clinical Trial and Observational Study of the Women's Health Initiative (WHI) East Extension
 WHI Co- Investigator 3% 2011-2012
 N01-WH32109

Genetic and Biochemical Predictors of Type 2 Diabetes in Women

NIH/NIDDK Co- Investigator 10% \$2,017,260 2005-2007
R01 DK062290

Steroid Hormones, Adipose-cytokines, and Diabetes Risk in men and women

NIH/NIDDK Co- Investigator 10% \$1,702,680 2005-2009
R01 DK 066401

Magnesium Intake, Gene Variants, and Type 2 Diabetes

NIDDK PI 75% \$409,051
4/01/2007-3/31/2011
K01 DK078846

Vitamin D levels, adiposity, and type 2 diabetes in women

Boston Obesity PI 5% \$20,000 2009-2011
Nutrition Research
Center
Pilot project 2008A059527

Biochemical and Genetic Markers of Type 2 Diabetes Risk

NIH/NIDDK Co- Investigator 5% \$1,908,201 2011-2012
R01 DK58845

PENDING RESEARCH GRANTS AND FELLOWSHIPS

A Prospective Cohort Study to Personalize ICD Use to Prevent Sudden Death

NIH/NHLBI Co-Investigator 5% 04/01/2017-03/31/2022
R01HL126889

The Indiana University Research Training Program in Population Health Informatics and Data Science

NIH/NLM Co-Investigator 0% 04/01/2017-03/31/2022
T15

SUBMITTED BUT NOT FUNDED RESEARCH GRANTS AND FELLOWSHIPS

P30 Indiana University Center for Diabetes Translational Research

NIH/NIDDK Co-Investigator 0% \$2,695,618 11/20/2015-10/31/2020

P30 DK111013-01

Predictors of Glycemic Response in the Real World Treatment of Type 2 Diabetes
Lilly Research PI 1% \$209,895 1/01/2016-12/31/2018
Award Program

INVITED PRESENTATIONS – RESEARCH

LOCAL

Title	Organization	Date
Meta-analysis of genetic association studies	Department of Epidemiology, Harvard School of Public Health	2006
Magnesium intake, CRP, and chronic diseases	Division of Preventive Medicine, Brigham and Women's Hospital	2006
The calpain-10 gene and type 2 diabetes	Division of Preventive Medicine, Brigham and Women's Hospital	2008
Mendelian randomization approach in genetic association studies	Program in Molecular and Genetic Epidemiology, Harvard School of Public Health	2009
Vitamin D and type 2 diabetes	Interdisciplinary Research Workshop on Vitamin D: Shared mechanisms of disease, Biomedical Research Institute, Brigham and Women's Hospital	2011
Vitamin D and CVD: Translation from observation to intervention	Grand Rounds for Cardiology Fellows, Krannert Institute of Cardiology, Methodist Hospital, Indiana University School of Medicine	2014
Epidemiological studies of nutrition, metabolisms, and metabolic diseases: from observation to intervention	Cancer Control Educational Series, IU Simon Cancer Center.	2015
Vitamin D and Type 2 Diabetes: From Observation to Intervention	IU Bloomington Diabetes Seminar Series, Bloomington, Indiana.	2015
Vitamin D/Parathyroid Hormone Endocrine System and Racial Disparities of CVD	2015 IUPUI Research Day	2015
Vitamin D and Cardiometabolic Disease: From Observation to Intervention	Endocrine Research Conference IU School of Medicine Division of Endocrinology & Metabolism	2015
Lipid and Apolipoprotein Biomarkers And Cancer Incidence and Mortality In Women	IU Simon Cancer Center Retreat Talk	2015
Antioxidant Vitamin Supplements	IU Diabetes Translational Research Center	2016

In the Primary Prevention of Type 2 Diabetes: Findings from RCTs	DTRC Chalk Talk	
Magnesium Metabolism and Cardiometabolic Disease: From observation to intervention	The 2 nd Annual Symposium IU Center for Diabetes and Metabolic Diseases	2016

REGIONAL

Title	Organization	Date
Nutrition and Risk of Type 2 Diabetes and Cardiovascular Disease	The 9 th Emerging Information & Technology Conference, MIT, Cambridge, MA	2009
Circulating vitamin D, adiposity, and type 2 diabetes	The 2011 Annual Program by Boston Nutrition Obesity Research Center	2011
Vitamin D and Type 2 Diabetes: From Observation to Intervention	The Third EITA Young Investigator Conference, MIT, Cambridge, MA	2013
Adverse Effects of Cyclooxygenase 2 Inhibitors on Renal and Arrhythmia Events	Eli Lilly and Company Global Pharmacoepidemiology Group	2015
Meta-analysis for Linear and Nonlinear Dose-Response Relations: Evidence Synthesis Observational Studies and Randomized Controlled Trials	Combining Aggregate Data from Health Outcomes and Meta-analysis group at Eli Lilly and Company	2015
Dietary Sodium Intake and Obesity in US Adults	The 2016 Indiana Public Health Conference September 15, 2016, Indianapolis, IN.	2016
Sarcopenic Metabolic Traits and Mortality in US Adults	The 2016 Indiana Public Health Conference September 15, 2016, Indianapolis, IN.	2016

NATIONAL

Title	Organization	Date
APOE Genotypes and Coronary Heart Disease: a meta-analysis of population studies	American Heart Association Scientific Session, New Orleans, LA	2003
Magnesium intake, metabolic syndrome, and chronic disease	Nutritional Epidemiology Branch, National Cancer Institute	2006
Circulating Levels of Endothelial Adhesion Molecules and Type 2 Diabetes in An Ethnically Diverse Cohort of Women	American Diabetes Association's 66th Scientific Sessions, Washington, DC.	2006
Insulin Sensitivity and Insulin	NAASO-The Obesity Society	2006

Secretion Determined by the Homeostasis Model Assessment (HOMA) Predict Diabetes Risk in a Multi-Ethnic Cohort of Women	Annual Scientific Meeting 2006, Boston, MA	
Circulating Levels of Resistin in Relation to Metabolic Markers and Risk of Developing Type 2	American Heart Association Scientific Sessions 2007, Orlando, FL.	2007
Diabetes in Postmenopausal Women Effects of Vitamins C and E and Beta-Carotene on the Incidence of Type 2 Diabetes Mellitus in the Women's Antioxidant Cardiovascular Study Randomized Controlled Trial	The 2008 Society for Epidemiologic Research (SER) Annual Meeting, Chicago, IL	2008
Effects of Homocysteine-lowering Treatment with Folic Acid and B vitamins on Risk of Type 2 Diabetes Mellitus in Women: A Randomized Controlled Trial	The 49 th AHA Nutrition, Physical Activity and Metabolism 2009, Palm Harbor, FL.	2009
Mendelian randomization approach in genetic association studies	The Wednesday Seminar Series in the University of Cincinnati, Department of Environmental Health, Cincinnati, OH	2010
Endogenous testosterone and type 2 diabetes	The 70 th American Diabetes Association Scientific Sessions, 2010, Orlando, FL	2010
Complex Nutrient-Cardiometabolic Disease relation: Translation from Observation to Intervention	Finalist for NIH Earl Stadtman Investigator Population Sciences Program	2010
Vitamin D and type 2 diabetes	World Congress on Endocrinology, Raleigh, NC	2013
Responses of Magnesium Biomarkers to Oral Mg Supplementation	A workshop titled "Addressing an Evidenced-Based Reference Interval for Total Serum Magnesium Concentration", which is being held in conjunction with the American Society for Nutrition annual meeting in Boston MA on March 30-April 3, 2015.	2015
Magnesium supplementation and hypertension	The American Heart Association EPI/Lifestyle 2016 Scientific Sessions, March 1-4, 2016, Phoenix, AZ.	2016
Effect of sodium-glucose Cotransporter 2 (SGLT2) on cardiovascular outcomes	A moderate Eposter Theatre talk at the American Diabetes Association Scientific sessions in New Orleans, LA on June 11, 2016.	2016
Racial difference of 25(OH)D and	A moderate poster presentation	2017

PTH levels and CVD among Postmenopausal women

at the American Heart Association EPI|Lifestyle Scientific sessions in Portland, Oregon, March 7-10, 2017.

INTERNATIONAL

Title	Organization	Date
Dietary Factors and Reduced Disease Risk-Epidemiological Evidence	International Food & Health Innovation Conference, Malmo, Sweden	2006
Genes, Nutrients, and Vascular Disease	Beijing International Heart Forum 2007, Beijing, China	2007
Genetic and Biochemical Biomarkers of Type 2 Diabetes	Department of Endocrinology, the First Affiliated Hospital, School of Medicine, Xi'An Jiao Tong University, Xi'An city, China.	2008
Vitamin D and Cardiovascular Disease in Postmenopausal Women	International Symposium on "Nutrition in Women's Health" by the Korean Community Nutrition Society, Korean Nutrition Society and Center for Disease Control of Korea, Seoul, South Korea	2010
Magnesium Intake and Cardiometabolic Disease	International Academy of Cardiology, 16 th World Congress on Heart Disease, Annual Scientific Sessions 2011, Vancouver, BC, Canada.	2011
Translational Research on Vitamin D and Type 2 diabetes	Chinese Diabetes Society, the 15 th Scientific Meeting, Beijing, China.	2011
Role of Magnesium Intake on Chronic Inflammation and Diabetes	International Society for the Development of Magnesium Research, XIII International Magnesium Symposium, Merida, Yucatan, Mexico.	2012
Racial Differences in Vitamin D/PTH and Cardiovascular Disease	International Academy of Cardiology, 19 th World Congress on Heart Disease, Annual Scientific Sessions 2014, Boston, MA, US.	2014
Physical Activity and Fitness for Wellness and Health	2014 Young Investigators Symposium on Sports Medicine, Shanghai, China.	2014
A Systematic Review of Nutrition and Physical Activity Policies for Health Promotion	Sports Science Symposium at Xiangshan Science Conference sponsored by China State Ministry of Science and Technology.	2014
CVD Morbidity and Mortality	The first annual meeting sponsored by	2015

Attributable to Low Levels of Serum Magnesium in the US General Population	the "Magnesium for Health Foundation"	
Serum Magnesium and Mortality in US adults	The International Academy of Cardiology 21 st World Congress on Heart Disease, July 30-August 1, 2016, Boston, MA.	2016
Effect of sodium-glucose Cotransporter 2 (SGLT2) on cardiovascular outcomes	The 32 nd International Conference on Pharmacoepidemiology & Therapeutic Risk Management, August 25-28, 2016, Dublin, Ireland.	2016
Dietary flavonoid Intake and Cardiometabolic Disease	International Symposium on plant-based Nutrient and health, August 8-9, 2016, Hangzhou, China.	2016

SERVICE:

UNIVERSITY SERVICE:

DEPARTMENT

Activity	Role	Inclusive Dates
Cancer Endpoints Committee for the Women's Health Study Division of Preventive Medicine, Brigham and Women's Hospital, Boston, MA	Reviewer	2008-2013
Colorectal Adenoma Diagnosis Group for the Women's Antioxidant Cardiovascular Study Division of Preventive Medicine, Brigham and Women's Hospital, Boston, MA	Reviewer	2009-2010
Cancer Diagnosis Review Group for the VITAL Trial Division of Preventive Medicine, Brigham and Women's Hospital, Boston, MA	Reviewer	2013-
Epidemiology PhD Admission Committee Department of Epidemiology, IU Richard M. Fairbanks School of Public Health	Member	2013-
Epidemiology PhD Qualifying Exam Committee Department of Epidemiology, IU Richard M. Fairbanks School of Public Health	Member	2014-

Department of Epidemiology, IU
 Richard M. Fairbanks School of
 Public Health

SCHOOL

Activity	Role	Inclusive Dates
Biostatistics Doctoral Research Committee	Member	2014-
FSPH Research Committee, Promotion and Tenure Committee, CEPH Strategic planning Committee Team D, FSPH Evaluation and Assessment Ad-Hoc Committee, FSPH Faculty Assembly Committee IU Richard M. Fairbanks School of Public Health	Member	2014-
FSPH MPH Final Project Poster	Epidemiology Reviewer	2015

CAMPUS

Activity	Role	Inclusive Dates
----------	------	-----------------

UNIVERSITY

Activity	Role	Inclusive Dates
Advisory Committee for Center for Physical Activity in Wellness and Prevention Department of Kinesiology, IUPUI	Member	2014-
Center of Excellent in Cardiovascular Research (CECARE)	Ad hoc Member Grant Proposal Review	2014
IU Simon Cancer Center's Cancer Research Day	Volunteer Judge for poster award	2015
IUPUI Fellowships Subcommittee	Member	2016-

PROFESSIONAL SERVICE:

LOCAL

Organization	Activity	Inclusive Dates
Harvard Clinical Nutrition Research Center	Ad hoc Member Research Grant Review	2008

REGIONAL

Organization	Activity	Inclusive Dates
NATIONAL		
Organization	Activity	Inclusive Dates
Nutrition Epidemiology Mini-Symposia Committee	Member	2011-2015
Writing Group for Evidence on Magnesium-Cardiometabolic Outcome- Magnesium DRI Nomination Group	Member	2013-2014
The Women's Health Initiative Presentations & Publications Committee	Member	2014-
Advisory Boards of Directors-National Institute for Public Safety Health	Member	2015-
National Institute of Child Health and Human Development, NIH	Ad hoc Member Proposed Concept Review	2009
Louisiana Board of Regents Support Fund, LA	Ad hoc Member Grant Proposal Review	2009
The Health & Social Care Research & Development Division of the Public Health Agency (HSC R&D) in Northern Ireland	Ad hoc Member Doctoral Fellowship Award Review	2011
Louisiana Board of Regents Support Fund, LA	Ad hoc Member Grant Proposal Review	2012
NIH Population Sciences and Epidemiology (PSE) Integrated Review Group: Cancer, Cardiovascular, and Sleep Epidemiology Panel A Study Section	Ad hoc Member Grant Proposal Review	2014
The Center for Research and Collaborative Activities, Clemson University, Clemson, SC.	Ad hoc Reviewer Extramural grant proposal mock review	2014
The Center of Excellence in Cardiovascular Research (CECARE) application	2014 Review Committee member Proposal Review	2014
NIH Population Sciences and Epidemiology (PSE) Integrated Review Group: Cancer, Cardiovascular, and Sleep	Ad hoc Member Grant Proposal Review	2015

Epidemiology Panel A Study Section

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Grant (Biomarker R01) Review 2015

The Scientific Merit Review Subcommittee for Endocrinology -Panel A (ENDA), Veterans Health Administration, Office of Research & Development Grant Review 2016

Integrative Physiology of Obesity And Diabetes (IPOD) Study Section EMNR Integrated Review Group, Center for Scientific Review (CSR)/NIH Grant (R15) Review 2016

INTERNATIONAL

Organization	Activity	Inclusive Dates
American Chinese Medical Exchange Society (ACMES)	Board Member/volunteer	2007-present
PLoS One	Academic Editor	2010-present
International Journal of Molecular Epidemiology and Genetics	Editorial Board Member	2011-present
Diabetes UK	Ad hoc Reviewer Diabetes UK Research Grant Review	2007
Diabetes UK	Ad hoc Reviewer Diabetes UK Research Grant Review	2015
UK Medical Research Council	Ad hoc Reviewer Grant Proposal Review	2013
The Netherlands Organisation for Health Research and Development (ZonMw)	Review of grant proposal for the Innovational Research Incentives Scheme (Veni) program 2015	2015
Magnesium for Health Foundation Scientific Advisory Committee	Member	2015-present

PUBLICATIONS:

Book chapters

1. **Song Y**, Manson JE, Buring JE, Sesso HD, Liu S. Associations of dietary flavonoids with risk of type 2 diabetes, and markers of insulin resistance and systemic inflammation in women: a prospective study and cross-sectional analysis. In: Costello RB, Saldanha LG, editors. Annual Bibliography of Significant Advances in Dietary Supplement Research 2005;2006; 6-7.
2. **Song Y**, Liu S, Manson JE. Chapter 9: High sensitivity C-Reactive Protein and the Metabolic Syndrome. In: Hansen BC, Bray GA, editors. The Metabolic Syndrome: Epidemiology, Clinical Treatment, and Underlying Mechanisms. Totowa, NJ: Humana Press;2007;167-88.
3. **Song Y**. Chapter 1: Magnesium intake, the metabolic syndrome, and chronic disease. In:

Andrew W. Yardley, editor. Dietary magnesium: new research. Nova Science Publisher Inc. New York, NY:2008; 11-43.

4. **Song Y**, Zhang C, Liu S. Endothelial Adhesion Molecules in Diabetes. In: Chapter 12. Modern Insights Into Disease from Molecules to Man: Adhesion Molecules. Science Publishers, Enfield, New Hampshire. 2010;183-197.
5. **Song Y**, Yeung E, Wang L, Zhang C. Anthropometric indices at birth and type 2 diabetes in adults. In: Chapter 127. Handbook of Anthropometry: Physical Measures of Human Form in Health and Disease. Springer Publishers, New York, NY. 2012. p.2073-2090.
6. Zhang C, Yeung E, **Song Y**. Maternal anthropometric indices and gestational diabetes. In: Chapter 127. Handbook of Anthropometry: Physical Measures of Human Form in Health and Disease. Springer Publishers, New York, NY. 2012. p.2091-2099.
7. **Song Y**, Zhang C, Wang L, Dai Q, Liu S. Magnesium intake, genetic variants, and diabetes risk. In: Chapter 6. Magnesium in Health Promotion. Humana Press of Springer. 2013. p.103-118.
8. Liu S, **Song Y**. Micronutrients and diabetes. In: Nutrition and Type 2 Diabetes: Etiology and Prevention. CRC Press. 2013. p.115-172.

RESEARCH/CREATIVE ACTIVITY

Refereed

Articles

1. **Song Y**, Manson JE, Buring JE, Liu S. Dietary magnesium intake in relation to plasma insulin levels and risk of type 2 diabetes in women. *Diabetes Care*. 2004;27(1):59-65.
2. **Song Y**, Niu T, Manson JE, Kwiatkowski DJ, Liu S. Are variants in the CAPN10 gene related to risk of type 2 diabetes? A quantitative assessment of population and family-based association studies. *Am J Hum Genet*. 2004;74(2):208-22.
3. He K, **Song Y**, Daviglius ML, Liu K, Van Horn L, Dyer AR, Greenland P. Accumulated evidence on fish consumption and coronary heart disease mortality: a meta-analysis of cohort studies. *Circulation*. 2004;109(22):2705-11.
4. He K, **Song Y**, Daviglius ML, Liu K, Van Horn L, Dyer AR, Goldbourt U, Greenland P. Fish consumption and incidence of stroke: a meta-analysis of cohort studies. *Stroke*. 2004;35(7):1538-42.
5. **Song Y**, Stampfer MJ, Liu S. Meta-analysis: apolipoprotein E genotypes and risk for coronary heart disease. *Ann Intern Med*. 2004;141(2):137-47.
6. **Song Y**, Manson JE, Buring JE, Liu S. A prospective study of red meat consumption and type 2 diabetes in middle-aged and elderly women: the women's health study. *Diabetes Care*. 2004;27(9):2108-15.
7. Levitan EB, **Song Y**, Ford ES, Liu S. Is nondiabetic hyperglycemia a risk factor for cardiovascular disease? A meta-analysis of prospective studies. *Arch Intern Med*. 2004;164(19):2147-55.
8. Liu S, **Song Y**, Hu FB, Niu T, Ma J, Gaziano M, Stampfer MJ. A prospective study of the APOA1 XmnI and APOC3 SstI polymorphisms in the APOA1/C3/A4 gene cluster and risk of incident myocardial infarction in men. *Atherosclerosis*. 2004;177(1):119-26.
9. Zhang J, **Song Y**, Chen H, Fan D. The tau gene haplotype h1 confers a susceptibility to Parkinson's disease. *Eur Neurol*. 2005;53(1):15-21.
10. **Song Y**, Ridker PM, Manson JE, Cook NR, Buring JE, Liu S. Magnesium intake, C-reactive protein, and the prevalence of metabolic syndrome in middle-aged and older U.S. women.

- Diabetes Care*. 2005;28(6):1438-44.
11. **Song Y**, Manson JE, Buring JE, Sesso HD, Liu S. Associations of dietary flavonoids with risk of type 2 diabetes, and markers of insulin resistance and systemic inflammation in women: a prospective study and cross-sectional analysis. *J Am Coll Nutr*. 2005;24(5):376-84.
 12. **Song Y**, Manson JE, Cook NR, Albert CM, Buring JE, Liu S. Dietary magnesium intake and risk of cardiovascular disease among women. *Am J Cardiol*. 2005;96(8):1135-41.
 13. Bazzano LA, **Song Y**, Bubes V, Good CK, Manson JE, Liu S. Dietary intake of whole and refined grain breakfast cereals and weight gain in men. *Obes Res*. 2005;13(11):1952-60.
 14. Liu S, **Song Y**, Ford ES, Manson JE, Buring JE, Ridker PM. Dietary calcium, vitamin D, and the prevalence of metabolic syndrome in middle-aged and older U.S. women. *Diabetes Care*. 2005;28(12):2926-32.
 15. **Song Y**, He K, Jovanovic B. Comparisons of Bayesian and conventional meta-analysis methods to combine relative risk from observational cohort studies. *Journal of Probability and Statistical Science*. 2006;4(1):107-121.
 16. He K, **Song Y**, Belin RJ, Chen Y. Magnesium intake and the metabolic syndrome: epidemiologic evidence to date. *J Cardiometab Syndr*. 2006;1(5):351-5.
 17. Liu S, Choi HK, Ford E, **Song Y**, Klevak A, Buring JE, Manson JE. A prospective study of dairy intake and the risk of type 2 diabetes in women. *Diabetes Care*. 2006;29(7):1579-84.
 18. **Song Y**, He K, Levitan EB, Manson JE, Liu S. Effects of oral magnesium supplementation on glycaemic control in Type 2 diabetes: a meta-analysis of randomized double-blind controlled trials. *Diabet Med*. 2006;23(10):1050-6.
 19. Liu S, Lee IM, **Song Y**, Van Denburgh M, Cook NR, Manson JE, Buring JE. Vitamin E and risk of type 2 diabetes in the Women's Health Study randomized controlled trial. *Diabetes*. 2006;55(10):2856-62.
 20. Zhang J, Ding EL, **Song Y**. Adverse effects of cyclooxygenase 2 inhibitors on renal and arrhythmia events: meta-analysis of randomized trials. *JAMA*. 2006;296(13):1619-32.
 21. **Song Y**, Sesso HD, Manson JE, Cook NR, Buring JE, Liu S. Dietary magnesium intake and risk of incident hypertension among middle-aged and older US women in a 10-year follow-up study. *Am J Cardiol*. 2006;98(12):1616-21.
 22. **Song Y**, Li TY, van Dam RM, Manson JE, Hu FB. Magnesium intake and plasma concentrations of markers of systemic inflammation and endothelial dysfunction in women. *American Journal of Clinical Nutrition*. 2007;85:1068-74.
 23. **Song Y**, Manson JE, Tinker L, Rifai N, Cook NR, Hu FB, Hotamisligil GS, Ridker PM, Rodriguez BL, Margolis KL, Oberman A, Liu S. Circulating levels of endothelial adhesion molecules and risk of diabetes mellitus in an ethnically diverse cohort of women. *Diabetes*. 2007;56:1898-904.
 24. **Song Y**, Manson JE, Tinker L, Howard B, Kuller L, Nathan L, Rifai N, Liu S. Insulin sensitivity and insulin secretion determined by the Homeostasis Model Assessment (HOMA) and risk of diabetes mellitus in a multi-ethnic cohort of women: the Women's Health Initiative Observational Study. *Diabetes Care*. 2007;30(7):1747-52.
 25. Liu S, Tinker L, **Song Y**, Rifai N, Bonds D, Cook NR, Heiss G, Howard B, Hotamisligil GS, Hu FB, Kuller L, Manson JE. A prospective study of inflammatory cytokines and diabetes mellitus in a multi-ethnic cohort of postmenopausal women. *Archives of Internal Medicine*. 2007;167(15):1676-85.
 26. Ding EL, **Song Y**, Manson JE, Rifai N, Buring JE, Liu S. Plasma sex steroid hormones and risk of developing type 2 diabetes in women: a prospective study. *Diabetologia*. 2007;50(10):2076-84.
 27. **Song Y**, You N, Hsu YH, Sul J, Wang L, Tinker L, Eaton CB, Liu S. Common genetic variation in calpain-10 (CAPN10) and diabetes risk in a multi-ethnic cohort of American postmenopausal women. *Human Molecular Genetics*. 2007;16(23):2960-71.

28. **Song Y**, Manson JE, Meigs JB, Ridker PM, Buring JE, Liu S. Comparison of usefulness of body mass index versus metabolic risk factors in predicting 10-year risk of cardiovascular events in women. *American Journal of Cardiology*. 2007;100:1654-58.
29. Hsu YH, Niu T, **Song Y**, Tinker L, Kuller LH, Liu S. Genetic variants in the UCP2-UCP3 gene cluster and risk of diabetes mellitus in the Women's Health Initiative Observational Study. *Diabetes*. 2008;57(4):1101-7.
30. **Song Y**, You N, Hsu YH, Howard BV, Langer RD, Manson JE, Nathan L, Niu T, Tinker L, Liu S. FTO polymorphisms are associated with obesity but not diabetes risk in postmenopausal women. *Obesity*. 2008;16:2472-80.
31. **Song Y**, Hsu Y, Niu T, Manson JE, Buring JE, Liu S. Common genetic variants of the ion channel transient receptor potential membrane melastatin 6 and 7 (TRPM6 and TRPM7), magnesium intake, and risk of type 2 diabetes. *BMC Medical Genetics*. 2009;17(10):4.
32. Chen BH, **Song Y**, Ding EL, Roberts CK, Manson JE, Rifai N, Buring JE, Gaziano JM, Liu S. Circulation levels of resistin and risk of type 2 diabetes in men and women: results from two prospective cohorts. *Diabetes Care*. 2009;32(2):329-34.
33. Lee CC, You NC, **Song Y**, Hsu Y, Manson JE, Nathan L, Tinker L, Liu S. Relation of genetic variation in the gene coding for CRP with its plasma protein concentrations: findings from the Women Health Initiative Observational Cohort. *Clinical Chemistry*. 2009;55(2):351-60.
34. **Song Y**, Cook NR, Albert CM, Van Denburgh M, Manson JE. Effect of homocysteine-lowering treatment with folic acid and B vitamins on risk of type 2 diabetes mellitus in women: a randomized controlled trial. *Diabetes*. 2009;58:1921-8.
35. **Song Y**, Cook NR, Albert CM, Van Denburgh M, Manson JE. Effects of vitamins C and E and beta-carotene on the risk of type 2 diabetes mellitus among women at high risk for cardiovascular disease: a randomized controlled trial. *American Journal of Clinical Nutrition*. 2009; 90:429-37.
36. Wang Z, Zhou X, Zhang J, Zhang L, **Song Y**, Hu FB, Wang C. Periodontal health, oral health behaviors, and chronic obstructive pulmonary disease. *J Clin Periodontol*. 2009; 36(9):750-5.
37. Ding EL, **Song Y***, Manson JE, Hunter DJ, Lee CC, Rifai N, Buring JE, Gaziano JM, Liu S. Sex hormone-binding globulin and risk of type 2 diabetes in women and men. *N Engl J Med*. 2009; 361(12):1152-63. (*Co-first author)
38. Xu Q, **Song Y**, Park Y, Hollenbeck A, Blair A, Schatzkin A, Chen H. Daytime napping and night sleep duration and diabetes mellitus in the NIH-AARP Diet and Health Study. *Diabetes Care*. 2010;33:78-83.
39. Wang L, Manson JE, **Song Y**, Sesso HD. Vitamin D and calcium supplementation in prevention of cardiovascular disease: a systematic review. *Annals of Internal Medicine*. 2010;152:315-23.
40. Chacko S, **Song Y**, Nathan L, Tinker L, de Boer IH, Tyllavsky F, Wallace R, Liu S. Relation of dietary magnesium intake to biomarkers of inflammation and endothelial dysfunction in an ethnically diverse cohort of postmenopausal women. *Diabetes Care*. 2010;33:304-10.
41. **Song Y**, Manson JE. Vitamin D, insulin resistance, and type 2 diabetes. *Current Cardiovascular Risk Reports*. 2010;4(1):40-47.
42. Liu Y, Liu Z, **Song Y**, Zhou D, Zhang D, Zhao T, Chen Z, Yu L, Yang Y, Feng G, Li J, Zhang J, Liu S, Zhang Z, He L, Xu H. Meta-analysis added power to identify variants in FTO associated with type 2 diabetes and obesity in the Asian population. *Obesity*. 2010; 18(8):1619-24.
43. Chan KH, **Song Y**, Hsu YH, You NC, Tinker L, Liu S. Common genetic variants in fatty acid-binding protein-4 (FABP4) and clinical diabetes risk in the Women's Health Initiative Observational Study. *Obesity*. 2010; 18(8):1812-20.
44. Lin J, Lee IM, **Song Y**, Cook NR, Selhub J, Manson JE, Buring JE, Zhang SM. Plasma homocysteine and cysteine and risk of breast cancer in women. *Cancer Res*.

2010;70(6):2397-405.

45. Chen BH, **Song Y**, Ding EL, Manson JE, Roberts CK, Rifai N, Buring JE, Gaziano JM, Liu S. Association of resistin promoter polymorphisms with plasma resistin levels and type 2 diabetes in women and men. *Int J Mol Epidemiol Genet*. 2010;31(2):167-174.
46. Chao C, **Song Y**, Cook NR, Tseng CH, Manson JE, Eaton C, Margolis KL, Rodriguez B, Phillips LS, Tinker LF, Liu S. The lack of clinical utility of biomarkers of inflammation and endothelial dysfunction for risk prediction of type 2 diabetes in the Women's Health Initiative Observational Study. *Archives of Internal Medicine*. 2010;170(17):1557-65.
47. Zhou X, Wang Z, **Song Y**, Zhang J, Wang C. Periodontal health and quality of life in patients with chronic obstructive pulmonary disease. *Respiratory Medicine*. 2011; 105(1):67-73.
48. Liu S, **Song Y**. Building genetic scores to predict risk of complex diseases in humans –Is it possible? *Diabetes*. 2010;59(11):2729-31.
49. **Song Y**, Klevak A, Manson JE, Buring JE, Liu S. Asthma, chronic obstructive pulmonary disease, and type 2 diabetes in the Women's Health Study. *Diabetes Research & Clinical Practice*. 2010;90(3):365-71.
50. Xu H, **Song Y**, You NC, Zhang ZF, Greenland S, Ford ES, He L, Liu S. Prevalence and clustering of metabolic risk factors for type 2 diabetes among Chinese adults in Shanghai, China. *BMC Public Health*. 2010; 10:683.
51. **Song Y**, Xu Q, Park Y, Hollenbeck A, Schatzkin A, Chen H. Multivitamins, individual vitamin and mineral supplements, and risk of diabetes mellitus among older US adults. *Diabetes Care*. 2011;34(1):108-14.
52. Goto A, **Song Y**, Chen BH, Manson JE, Buring JE, Liu S. Coffee and caffeine consumption in relation to sex hormone-binding globulin and risk of type 2 diabetes in postmenopausal women. *Diabetes*. 2011;60(1):269-75.
53. Chacko SA, Sul J, **Song Y**, Li X, LeBlanc J, You Y, Butch A, Liu S. Magnesium supplementation, metabolic and inflammatory markers, and global genomic and proteomic profiling: a randomized, double-blind, controlled, cross-over trial among overweight individuals. *Am J Clin Nutr*. 2011;93(2):463-73.
54. Del Gobbo LC, **Song Y**, Dannenbaum DA, Dewailly E, Egeland GM. Serum 25(OH)D is not associated with insulin resistance or beta cell function in Canadian Cree. *Journal of Nutrition*. 2011;141(2):290-5.
55. Robinson JG, Manson JE, Larson J, Liu S. **Song Y**, Howard BV, Phillips L, Shikany JM, Allison M, Curb JD, Johnson KC, Watts, N. Lack of association between 25(OH)D levels and incident type 2 diabetes in older women. *Diabetes Care*. 2011;34(3):628-34.
56. Chan KH, Brennan K, You NC, Lu X, **Song Y**, Hsu YH, Chaudhuri G, Nathan L, Tinker L, Liu S. Common variations in the genes encoding C-reactive protein, tumor necrosis factor- α , and interleukin-6 and the risk of clinical diabetes in the Women's Health Initiative Observational Study. *Clinical Chemistry*. 2011;57(2):317-25.
57. Han J, Qureshi AA, Nan H, Zhang J, **Song Y**, Guo Q, Hunter DJ. A germline variant in the interferon regulatory factor 4 gene as a novel skin cancer risk locus. *Cancer Research*. 2011;71(5):1533-9.
58. Nan H, Xu M, Zhang J, Zhang M, Kraft P, Qureshi AA, Chen C, Guo Q, Hu FB, Rimm EB, Curhan G, **Song Y**, Amos CI, Wang LE, Lee JE, Wei Q, Hunter DJ, Han J. Genome-wide association study identifies nidogen 1 (NID1) as a susceptibility locus to cutaneous nevi and melanoma risk. *Hum Mol Genet*. 2011;20(13):2673-9.
59. Zhang ZJ, Hao K, Shi R, Zhao G, Jiang GX, **Song Y**, Xu X, Ma J. Glutathione S-Transferase M1 (GSTM1) and Glutathione-S-Transferase T1 (GSTT1) null polymorphisms, smoking, and their interaction in oral cancer: a HuGE review and meta-analysis. *Am J Epidemiol*. 2011; 173(8):847-57.
60. Chacko SA, **Song Y**, Manson JE, Van Horn L, Eaton C, Martin L, McTiernan A, Curb JD, Wylie-Rosett J, Phillips L, Plodkowski R, Liu S. Serum 25(OH)D concentrations in relation to

- cardiometabolic risk factors among postmenopausal women. *Am J Clin Nutr*. 2011;93(2):463-73.
61. Zhang ZJ, Zheng ZJ, Kan H, **Song Y**, Cui W, Zhao G, Kip KE. Reduced risk of colorectal cancer with metformin therapy in patients with type 2 diabetes: a meta-analysis. *Diabetes Care*. 2011;34(10):2323-8.
 62. Kilpelainen TO, Qi L, Brage S, Sharp SJ, Sonestedt E, Demerath E, Ahmad T, Mora S, Kaakinen M, Sandholt CH, Holzapfel C, Autenrieth CS, Hyppönen E, Cauchi S, He M, Kutalik Z, Kumari M, Stančáková A, Meidtner K, Balkau B, Tan JT, Mangino M, Timpson NJ, **Song Y** et al. Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. *PLoS Med*. 2011;8(11):e1001116.
 63. **Song Y**, Liu S. Magnesium for cardiovascular health: time for intervention. *Am J Clin Nutr*. 2012;95(2):269-70.
 64. Si Y, Fan H, **Song Y**, Zhou X, Zhang J, Wang Z. Association between periodontitis and chronic obstructive pulmonary disease (COPD) in a Chinese population. *J Periodontol*. 2012; 83(10):1288-96.
 65. Liu Z, Zhang W, Zhang J, Zhou X, Zhang L, **Song Y**, Wang Z. Oral hygiene, periodontal health and chronic obstructive pulmonary disease exacerbations. *J Clin Periodontol*. 2012;39(1):45-52.
 66. Zhou X, Han J, **Song Y**, Zhang J, Wang Z. Serum levels of 25-hydroxyvitamin D, oral health and chronic obstructive pulmonary disease. *J Clin Periodontol*. 2012;39(4):350-6.
 67. Li H, Kilpelainen TO, Liu C, Zhu J, Liu Y, Hu C, Yang Z, Zhang W, Bao W, Cha S, Wu Y, Yang T, Sekine A, Choi BY, Yajnik CS, Zhou D, Takeuchi F, Yamamoto K, Chan JC, Mani KR, Been LF, Imamura M, Nakashima E, Lee N, Fujisawa T, Karasawa S, Wen W, Joglekar CV, Lu W, Chang Y, Xiang Y, Gao Y, Liu S, **Song Y**, et al. Association of genetic variation in FTO with risk of obesity and type 2 diabetes with data from 96,551 East and South Asians. *Diabetologia*. 2012;55(4):981-95.
 68. Del Gobbo LC, **Song Y**, Poirier P, Dewailly E, Egeland GM. Low serum magnesium concentrations are associated with a high prevalence of premature ventricular complexes in obese adults with type 2 diabetes. *Cardiovasc Diabetol*. 2012;11:23.
 69. Del Gobbo LC, **Song Y**, Elin RJ, Meltzer SJ, Egeland GM. Gestational glucose intolerance modifies the association between magnesium and glycemic variables in mothers and daughters 15 years post-partum. *Magnesium Research*. 2012;25(2):54-63.
 70. **Song Y**, Manson JE, Lee I-M, Cook NR, Paul L, Selhub J, Giovannucci E, Zhang S. Effect of combined folic acid, vitamin B6, and vitamin B12 on colorectal adenoma. *J Natl Cancer Inst*. 2012;104(20):1562-75.
 71. Chen BH, Brennan K, Goto A, **Song Y**, Aziz N, You NC, Wellons MF, Manson JE, White DL, Butch AW, Liu S. Sex hormone-binding globulin and risk of clinical diabetes in American black, Hispanic, and Asian/Pacific Islander postmenopausal women. *Clinical Chemistry*. 2012;58(10):1457-66.
 72. You NC, Chen BH, **Song Y**, Lu X, Chen Y, Manson JE, Kang M, Howard BV, Margolis KL, Curb JD, Phillips LS, Stefanick ML, Tinker LF, Liu S. A prospective study of leukocyte telomere length and risk of type 2 diabetes in postmenopausal women. *Diabetes*. 2012;61(11):2998-3004.
 73. **Song Y**, Yeung E, Liu A, Vanderweele TJ, Chen L, Lu C, Liu C, Schisterman EF, Ning Y, Zhang C. Pancreatic beta-cell function and type 2 diabetes risk: quantify the causal effect using a Mendelian randomization approach based on meta-analyses. *Hum Mol Genet*. 2012;21(22):5010-8.
 74. Luo J, Sands M, Wactawski-Wende J, **Song Y**, Margolis KL. Sleep disturbance and incidence of thyroid cancer in postmenopausal women. *Am J Epidemiol*. 2012;177(1):42-9.
 75. Xun P, Qin B, **Song Y**, Nakamura Y, Kurth T, Yaemsiri S, Djousse L, He K. Fish consumption and risk of stroke and its subtypes: accumulative evidence from a meta-

- analysis of prospective cohort studies. *Eur J Clin Nutr.* 2012;66(11):1199-207.
76. Wang L, **Song Y**, Manson JE, Pilz S, Marz W, Michaelsson K, Lundqvist A, Jassal SK, Barrett-Connor E, Zhang C, Eaton CB, May HT, Anderson JL, Sesso HD. Circulating 25-hydroxy-vitamin D and risk of cardiovascular disease: a meta-analysis. *Circ Cardiovasc Qual Outcomes.* 2012;5(6):819-29.
 77. Engelman CD, Meyers KJ, Iyengar SK, Liu Z, Karki CK, Igo Jr. RP, Truitt B, Robinson J, Sarto GE, Wallace R, Blodi BA, Klein ML, Tinker L, LeBlanc ES, Jackson RD, **Song Y**, Manson JE, Mares JA, Millen AE. Vitamin D intake and season modify the effects of the GC and CYP2R1 genes on 25-Hydroxyvitamin D concentrations. *J Nutr.* 2013;143(1):17-26.
 78. **Song Y**, Wang L. Vitamin D and cardiometabolic disease: from observation to intervention. *Curr Nutr Rep.* 2012;(1):55-63.
 79. Chen R, **Song Y**, Hu Z, Brunner EJ. Predictors of diabetes in older people in urban China. *PLoS One.* 2012;7(11):e50957.
 80. Fan J, **Song Y**, Wang Y, Hui R, Zhang W. Dietary glycemic index, glycemic load, and risk of coronary heart disease, stroke, and stroke mortality: a systematic review with meta-analysis. *PLoS One.* 2012;7(12):e52182.
 81. Hale L, Parente V, Dowd JB, Sands M, Berger JS, **Song Y**, Martin LW, Allison MA. Fibrinogen may mediate the association between long sleep duration and coronary heart disease. *J Sleep Res.* 2013;22(3):305-14.
 82. Chan KHK, Niu T, Ma Y, You NY, **Song Y**, Sobel E, Hsu YH, Balasubramanian R, Qiao Y, Tinker L, Liu S. Common genetic variants in peroxisome proliferator-activated receptor gamma (PPARG) and type 2 diabetes risk among Women's Health Initiative Postmenopausal women. *J Clin Endo & Metab.* 2013; 98(3):E600-4.
 83. **Song Y**, Wang L, Pittas AG, Del Gobbo LC, Zhang C, Manson JE, Hu FB. Blood 25-hydroxy vitamin D levels and incident type 2 diabetes: a meta-analysis of prospective studies. *Diabetes Care.* 2013;36(5):1422-8.
 84. Song Y, You N-C, **Song Y**, Kang MK, Hou L, Wallace R, Eaton CB, Tinker LF, Liu S. Intake of small-to-medium chain saturated fatty acid is associated with peripheral leukocyte telomere length in postmenopausal women. *J Nutr.* 2013;143(6):907-14.
 85. Fan J, **Song Y**, Chen Y, Hui R, Zhang W. Combined effect of obesity and cardio-metabolic abnormality on the risk of cardiovascular disease: a meta-analysis of prospective cohort studies. *Int J Cardiol.* 2013;168(5):4761-8.
 86. Qiao Y, Tinker L, Olendzki B, Hébert JR, Balasubramanian R, Rosal MC, Hingle M, **Song Y**, Schneider KL, Liu S, Sims S, Ockene JK, Sepavich DM, Shikany JM, Persuitte G, and Ma Y. Racial/Ethnic disparities in association between dietary quality and incident diabetes in postmenopausal women in the United States: The Women's Health Initiative 1993- 2005. *Ethnicity and Health.* 2014 (in press).
 87. Deng X, **Song Y**, Manson JE, Signorello LB, Zhang SM, Shrubsole MJ, Ness RM, Seidner DL, Dai Q. Magnesium, vitamin D status and mortality: results from US National Health and Nutrition Examination Survey (NHANES) 2001 to 2006 and NHANES III. *BMC Med.* 2013;11:187.
 88. Goto A, Cheng BH, **Song Y**, Cauley J, Cummings SR, Farhat GN, Gunter M, Van Horn L, Howard BV, Jackson R, Lee J, Rexrode KM, Liu S. Age, body mass, usage of exogenous estrogen, and lifestyle factors in relation to circulating sex hormone-binding globulin concentrations in postmenopausal women. *Clin Chem.* 2014; 60(1):174-85.
 89. Manini TM, Lamonte MJ, Seguin RA, Manson JE, Hingle M, Garcia L, Stefanick ML, Rodriguez B, Sims S, **Song Y**, Limacher M. Modifying effect of obesity on the association between sitting time and incident diabetes in postmenopausal women. *Obesity.* 2014; 22(4):1133-41.
 90. Zhou X, Han J, Liu Z, **Song Y**, Wang Z, Sun Z. Effects of periodontal treatment on lung function and exacerbation frequency in patients with chronic obstructive pulmonary disease

- and chronic periodontitis: a 2-year pilot randomized controlled trial. *J Clin Periodontol*. 2014;41(6):564-72.
91. Hruby A, McKeown NM, **Song Y**, Djousse L. Dietary magnesium and genetic interactions in diabetes and related risk factors: a brief overview of current knowledge. *Nutrient*. 2013;5(12):4990-5011.
 92. Liu Z, Liu Y, **Song Y**, Zhang X, Wang S, Wang Z. Systemic oxidative stress biomarkers in chronic periodontitis: A meta-analysis. *Dis Markers*. 2014; 2014:931083.
 93. Wassertheil-Smoller S, McGinn AP, Budrys N, Chlebowski R, Ho GY, Johnson KC, Lane DS, Li W, Neuhauser ML, Saquib J, Shikany JM, **Song Y**, Thomson C. Multivitamin and Mineral Use and Breast Cancer Mortality in Older Women with Invasive Breast Cancer in the Women's Health Initiative. *Breast Cancer Res Treat*. 2014 (in press).
 94. Schnatz P, Jiang X, Vila-Wright S, Aragaki, AK, Nudy M, O'Sullivan DM, Jackson R, LeBlanc E, Robinson JG, Shikany JM, Womack CR, Martin LW, Neuhauser ML, Vitolins MZ, **Song Y**, Kritchevsky S, Manson JE. Plasma 25(OH)D concentrations and serum cholesterol profiles in the Women's Health Initiative (WHI) calcium/vitamin D (CaD) Trial. *Menopause*. 2014; 21(8):823-33.
 95. LeBlanc ES, Desai M, Perrin N, Wactawask-Wende J, Manson JE, Cauley JA, Michael YL, Tang J, Womack C, **Song Y**, Johnson KC, O'Sullivan MJ, Woods N, Stefanick ML. Vitamin D levels and menopause-related symptoms. *Menopause*. 2014;21(11):1197-203.
 96. Donneyong MM, Taylor, KC, Baumgartner RN, Myers J, Li W, **Song Y**, Martin LW, Gorodeski E, Shikany JM, Liviu K, Eaton C, Hornung CA, Manson JE. Risk of heart failure among postmenopausal women: a secondary analysis of the randomized trial of vitamin D plus calcium of the Women's Health Initiative. *Circulation: Heart Failure*. 2015; 8(1)49-56.
 97. Chan KHK, Chacko SA, **Song Y**, Cho M, Eaton CB, Wu WH, Liu S. Genetic Variations in Magnesium-Related Ion Channels May Affect Diabetes Risk among African American and Hispanic American Women. *J Nutr*. 2015; 145(3):418-24.
 98. Song Y, Huang Y, **Song Y**, Hevener AL, Ryckman KK, Qi L, LeBlanc ES, Kazlauskaitė R, Brennan KM, Liu S. Birthweight, mediating biomarkers and the development of type 2 diabetes later in life: a prospective study of multi-ethnic women. *Diabetologia*. 2015; 58(6): 1220-30.
 99. Zhang X, Liu C, Lou Y, **Song Y**. Magnesium and metabolic syndrome: a systematic review of epidemiologic evidence. *Nutrition Discovery*. 2015 (in press).
 100. Rohwer RD, Liu S, You NC, Buring JE, Manson JE, **Song Y**. Interrelationship between alcohol intake and endogenous sex-steroid hormones on diabetes risk in postmenopausal women. *J Am Coll Nutr*. 2015;11:1-8.
 101. Bao W, Baecker A, **Song Y**, Kiely M, Liu S, Zhang C. Adipokine levels during the first or early second trimester of pregnancy and subsequent risk of gestational diabetes mellitus: a systematic review. *Metabolism*. 2015; 64(6): 756-64.
 102. Chandler PD, Wang L, Zhang X, Sesso HD, Moorthy MV, Obi O, Lewis J, Prince RL, Danik JS, Manson JE, LeBoff MS, **Song Y**. Effect of vitamin D supplementation alone or with calcium on adiposity measures: a meta-analysis of randomized controlled trials. *Nutrition Review*. 2015; 73(9):577-93.
 103. Zhang X, Liu C, Guo J, **Song Y**. Selenium status and cardiovascular diseases: meta-analysis of prospective observational studies and randomized controlled trials. *Eur J Clin Nutr*. 2016;70(2):162-9.
 104. Lin X, Zhang X, Guo J, Roberts CK, McKenzie S, Wu WC, Liu S, and **Song Y**. Effects of exercise training on cardiorespiratory fitness and biomarkers of cardio-metabolic health: a systematic review and meta-analysis of randomized controlled trials. *JAHA*. 2015; 26:4(7).
 105. Song Y, Chou EL, Baecker A, You NY, **Song Y**, Sun Q, Liu S. Endocrine-disrupting chemicals, risk of type 2 diabetes, and diabetes-related metabolic traits: a systematic review and meta-analysis. *J Diabetes*. 2016; 8(4):516-32.

106. Zhang X, Del Gobbo LC, Hruby A, Rosanoff A, He K, Dai Q, Costello RB, Zhang W, **Song Y**. The circulating concentration and 24-h urine excretion of magnesium dose- and time-dependently respond to oral magnesium supplementation in a meta-analysis of randomized controlled trials. *J Nutr*. 2016;146(3):595-602.
107. Guo J, Lou Y, Zhang X, **Song Y**. Effect of aerobic exercise training on cardiometabolic risk factors among professional athletes in the heaviest-weight class. *Diabetol Metab Syndr*. 2015, 7:78.
108. Tian Y, Jiang C, Wang M, Cai R, Zhang Y, He Z, Wang H, Wu D, Wang F, Liu X, He Z, An P, Wang M, Tang Q, Yang Y, Zhao J, Lv S, Zhou W, Yu B, Lan J, Yang X, Zhang L, Tian H, Gu Z, **Song Y**, Huang T, McNaughton LR. BMI, leisure-time physical activity, and physical fitness in adults in China: results from a series of national surveys, 2000-14. *Lancet Diabetes Endocrinol*. 2016; 4(6):487-97.
109. Chandler PD, **Song Y**, Lin J, Zhang S, Sesso HD, Mora S, Giovannucci EL, Rexrode KE, Moorthy MV, Li C, Ridker PM, Lee IM, Manson JE, Buring JE, Wang L. Lipid biomarkers and long-term risk of cancer in the Women's Health Study. *Am J Clin Nutr*. 2016; 103(6):1397-407.
110. Zhang X, Li Y, Del Gobbo LC, Rosanoff A, Wang J, Zhang W, **Song Y**. Effects of magnesium supplementation on blood pressure: a meta-analysis of randomized double-blind placebo-controlled trials. *Hypertension*. 2016;68(2):324-33.
111. Tang H, Li D, Wang T, Zhai S, **Song Y**. Effect of sodium–glucose cotransporter 2 (SGLT2) inhibitors on diabetic ketoacidosis among type 2 diabetes patients: A meta-analysis of randomized controlled trials. *Diabetes Care*. 2016; 39(8): e123-4.
112. Tang H, Li D, Zhang J, Hsu YH, Wang T, Zhai S, **Song Y**. Lack of evidence for a harmful effect of sodium–glucose cotransporter 2 (SGLT2) inhibitors on fracture risk among type 2 diabetes patients: A network and cumulative meta-analysis of randomized controlled trials. *Diabetes Obes Metab*. 2016; doi: 10.1111/dom.12742. [Epub ahead of print].
113. Tang H, Fang Z, Wang T, Cui W, Zhai S, **Song Y**. Meta-Analysis of Effects of SGLT2 Inhibitors on Cardiovascular Outcomes and All-Cause Mortality among Patients with Type 2 Diabetes Patients. *Am J Cardiol*. 2016; 118(11):1774-1780.
114. Tang H, Cui W, Li D, Wang T, Zhang J, Zhai S, **Song Y**. SGLT2 inhibitors in addition to insulin therapy for management of type 2 diabetes mellitus: a meta-analysis of randomized controlled trials. *Diabetes Obes Metab*. 2016: doi:10.1111/dom.12785 (in press).
115. Tang H, Zhang X, Zhang J, Li Y, Del Gobbo L, Zhai S, **Song Y**. Elevated serum magnesium associated with SGLT2 inhibitor use in type 2 diabetes patients: a meta-analysis of randomised controlled trials. *Diabetologia*. 2016;59(12):2546-2551.
116. Costello RB, Elin RJ, Rosanoff A, Wallace TC, Guerrero-Romero F, Hruby A, Lutsey PL, Nielsen FH, Rodriguez-Moran M, **Song Y**, Van Horn LV. Perspective: The case for an evidence-based reference interval for serum magnesium: The time has come. *Adv Nutr*. 2016; 7(6):977-993.
117. Dai H, Sun Q, Zhang C, Zhang X, Li WQ, Manson JE, Hu FB, **Song Y**. Association between benign cutaneous nevi and risk of type 2 diabetes mellitus in men and women: results from two prospective cohort studies. *Diabet Med*. 2016. Doi: 10.1111/dme.13297.
118. Tang H, Li D, Zhang J, Li Y, Wang T, Zhai S, **Song Y**. Sodium-glucose co-transporter-2 inhibitors and risk of adverse renal outcomes among patients with type 2 diabetes: a network and cumulative meta-analysis of randomized controlled trials. *Diabetes Obes Metab*. 2017 (in press).
119. Wang L, Djousse L, **Song Y**, Akinkuolie AO, Matsumoto C, Manson JE, Gaziano JM, Sesso HD. Associations of diabetes and obesity with risk of abdominal aortic aneurysm in men. *J Obesity*. 2017 (in press).
120. Huang M, Liu J, Lin X, Goto A, **Song Y**, Tinker LF, Chan KK, Liu S. Relation of dietary

carbohydrates intake to circulating sex hormone-binding globulin levels in postmenopausal women. *J Diabetes*. 2017 (in press).

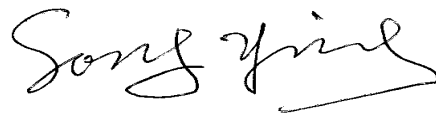
Non-refereed

Articles:

1. **Song Y**. Insufficient evidence for the efficacy of homocysteine-lowering treatment: the homocysteine hypothesis revisited. *International Journal of Circulation* (Beijing, China). 2007;44:6-7.
2. He K, **Song Y**. Risks and benefits of omega 3 fats: a few thoughts on systematic review. *British Medical Journal*. 2006;332(7546):915-6.
3. He K, **Song Y**, Daviglus ML, Liu K, Van Horn L, Dyer AR, Goldbourt U, Greenland P. Risks and benefits of seafood consumption. *Am J Prev Med*. 2006;30(5):440-1.
4. Ding EL, **Song Y**, Manson JE, Pradhan AD, Buring JE, Liu S. Accuracy of administrative coding for type 2 diabetes in children, adolescents, and young adults. *Diabetes Care*. 2007;30(9):e98.
5. Cui W, Zhang C, **Song Y**. Genome-Wide Association Studies (GWAS) Deliver Big Breakthroughs in Identifying Type 2 Diabetes Susceptibility Genes in the General Population. *N A J Med Sci*. 2009;2(1):6-8.

Other Non-Refereed Electronic Publications and Media:

1. **Song Y**, Liu S. Relation of apolipoprotein E polymorphism and risk of coronary heart disease. 2004. International Atherosclerosis Society (IAS) on-line publication.
2. Zhang ZJ, Zhao G, Yu C, Bi Y, Zhang Q, **Song Y**. Diabetic women suffer more years of life lost than diabetic men. *Int J Endocrinol*. 2014;2014:208369.
3. Zhang ZJ, Zhao G, **Song Y**. Attention is needed for women in the control of diabetic complications in China. *Acta Diabetol*. 2014;51(6):1081-2.
4. He K, **Song Y**, Xun P. Consumption of spicy foods in China may be a surrogate of regional differences in diet, lifestyle and environment. *BMJ* 2015;351:h3942.



May 11, 2017
(Date)

(Signature of Candidate)