

CURRICULUM VITAE

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SECTION I: EDUCATION CREDENTIALS, ACADEMIC APPOINTMENT AND HONORS

Credentials, Scholarship/Fellowships

- 2017 Visiting Associate Professor, Department of Epidemiology, Harvard T.H. Chan School of Public Health
- 2012 U.S.-Japan Bridge Fellow of the Japan Society for the Promotion of Science (JSPS)
- 2007 Senior Research Fellow of JSPS, working on Japan National Vascular Disorder projects
- 2001 Geriatrics Fellow, Geriatrics Research, Education, and Clinical Center (GRECC) of Central Arkansas Veterans Healthcare System, and Department of Geriatrics, the University of Arkansas for Medical Sciences, Little Rock, Arkansas, USA
- 1998 JSPS Fellow in Cardiovascular Disease Epidemiology and Prevention, Shiga University of Medical Sciences, Otsu Shiga, Japan
- 1998 PhD in Epidemiology and Community Medicine, Faculty of Medicine, University of Hong Kong, Hong Kong, SARs, China (supervised by Drs Tai Hing Lam, MD and Anthony J Hedley, MD, and external adviser/examiner – Dr. Hugh Tunstall-Pedoe, MD, the University of Dundee, UK).
Dissertation: *Population Based Studies of Fibrinogen in Relation to Other Coronary Heart Disease Risk Factors, Coronary Heart Disease and Diabetes Mellitus in Hong Kong*
- 1993 MSc in Epidemiology, the University of London School of Hygiene and Tropical Medicine (LSHTM), London, UK., supervised by Dr. Pat Doyle. Thesis: *The Relationship between Micro-albuminuria and Coronary Heart Disease in a European and South Asian Population with and without Diabetes Mellitus.*
- 1993 Certificate of Cardiovascular Disease and Diabetes Mellitus Epidemiology, Institute of Public Health, Cambridge University, UK

- 1987 Certificate of Medical Demography and Statistics, a one-year full-time program offered by a joint graduate program of Beijing Medical University School of Public Health (China) and John Hopkins University Department of Population Dynamics (U.S.)
- 1982 Bachelor's Degree in Medicine and Medical Doctor in Preventive Medicine, Shanxi Medical University, Taiyuan, China

Academic Appointments

- 2017 Visiting Associate Professor, Department of Epidemiology, T.H. Chan School of Public Health, Harvard University, Boston, MA
- 2014-2015 Interim Chair of the Department of Environmental and Occupational Health at School of Public Health
- 2011 - Awarded Tenured Associate Professor at Drexel University
- 2005 - Associate professor of Epidemiology and Biostatistics, Department of Epidemiology and Biostatistics, Drexel University School of Public Health
- 2014 - Adjunct Faculty, A. J. Drexel Institute for Energy and the Environment (IEExE)
- 2005-2013 Adjunct Faculty, Drexel University SPH Center for Health Equality
- 2006 - Adjunct Associate Professor of Medicine, Department of Medicine (Cardiometabolic Disease Prevention), Drexel University College of Medicine, Philadelphia, PA
- 2001-2005 Assistant Professor of Epidemiology, Department of Epidemiology, College of Public Health, University of Arkansas for Medical Sciences (UAMS), Little Rock, AR
- 2001-2005 Geriatrics Fellow, Geriatrics Education, and Clinical Center (GRECC) of Central Arkansas Veterans Healthcare System, and Department of Geriatrics, Research Associate in molecular epidemiology, Departments of Toxicology & Pharmacology, and Neurobiology & Development Sciences, at the University of Arkansas for Medical Science (UAMS), Little Rock, AR.
- 1999-2001 Assistant Professor, Department of International Preventive Nutritional Medicine, Kyoto University, and Assistant to the Director (Yukio Yamori, M.D., Ph.D.) of the World Health Organization Collaborating Centre for Research on Primary Prevention of Cardiovascular Diseases, Kyoto University, Japan
- 1998 Fellow in Cardiovascular Disease Prevention, Shiga University of Medical Science, Shiga, Japan
- 1993-1999 Associate Professor, Preventive Medicine Physician and Associate Director (1992-1999) of the Department of Epidemiology, Chongqing Medical University (former Chongqing University of Medical Sciences), Chongqing, China

- 1985-1993 Faculty member, Lecturer (1987), and Preventive Medicine Physician, Department of Preventive Medicine, Chongqing Medical University
- 1983-1985 Faculty member and Preventive Medicine Physician, Department of Epidemiology, Shanxi Medical University (former Shanxi Medical College), Taiyuan, China

Honors and Awards

- 2017 Member of Drexel University delegate to attend the United Nations Conference on Climate Change – Cop23, Bonn, Germany (Nov 13 –Nov 17)
- 2017 Chair, Technique Session of the 9th International Conference on Environmental Pollution and Public Health (EPPH 2017), June 16-18, 2017, Hangzhou, China
- 2017 Nominated for the 2016-2017 academy SPH Mentor Recognition Award
The Mentor Recognition Award is given to someone nominated by DSPH students in recognition of outstanding contributions to the student body in the areas of mentorship, advisement, teaching or other service to the School.
- 2016 Best Oral Presentation Award (Bronze) at the 26th Scientific Meeting of the International Society of Hypertension. Presented: Multiple Antihypertensive Medication Use, Resistant Hypertension and Outcomes in the United States, Sept 25-29, 2016, Coex, Seoul Korea
- 2015 Drexel University (10 years) Service Recognition Honour (December, 2015)
- 2015 Member of Drexel University delegate to attend the United Nations Conference on Climate Change – Cop21, Paris, France (Nov 30 –Dec 6)
- 2015 Invited keynote Speaker at 2015 Innovation Summit on Biomedical & Biopharmaceutical Big Data, Beijing, China (July 3). Presented: The Application of Big Data in Biomedicine and Healthcare: Challenges and Opportunities
- 2015 Best Abstract Travel Award by the Organizing Committee of the Airway Vista 2015, in Seoul, Korea, March, 2015. Abstract entitled Serum 25-Hydroxyvitamin D Concentration, Chronic Lower Respiratory Disease and Cardiac Outcomes: Findings from a National Prospective Study of 15,772 Adults in the United States.
- 2014 Keynote speaker at International Workshop on Energy and Environment: Challenges and Opportunities, held in Shanghai Advanced Research Institute, Chinese Academy of Sciences, Shanghai China, Nov 2-4. Presented: Climate Change, Air Pollution and Urban Health in China and in the United States.
- 2014 Guest lecture in Advanced Research: New Challenges in Cardiovascular Disease Epidemiology: Heart Failure Study in the United States, Shannxi 4th Military Medical University School of Public Health, Xi'an, Shannxi, China, July 8, 2014.
- 2013 Visiting Professor, Shandong University School of Public Health, Jinan, Shandong China

- 2012 Visiting Professor Chengdu Medical University, Sichuan, Chengdu, China,
- 2012 Visiting Associate Professor, Shiga University of Medical Science, Otsu, Japan, (2012 Oct -)
- 2012 United States - Japan Bridge Fellow of the Japan Society for the Promotion of Science (JSPS)
- 2012 Delta Omega National Honorary Public Health Society Membership
- 2011 Awarded Tenure Professor position at Drexel University (May 2011)
- 2011 Advisor for National Bureau of Statistics of China's Standard Statistics Textbooks, Beijing China
- 2010 Visiting professor, Shandong University School of Public Health, Jinan, Shandong, China
- 2010 Consultant for the World Health Organization (WHO) – Luxemburg – China (Shandong) Non-Communicable Disease (NCD) Prevention Project (2010-2013), Shandong Center for Disease Control and Prevention (CDC), Jinan, Shandong
- 2010 Visiting Professor, Chengdu Medical University, Chengdu, Sichuan, China
- 2009 Appreciation Award, Philadelphia Ujima Study (Healthy People 2010 project)
- 2008 Named as Fellow of the American Heart Association – Council on Epidemiology and Prevention
- 2007 Drexel University Outstanding Online Instructor Award
- 2007 Fellow of the Japan Society for the Promotion of Science, visited Shiga University of Medical Science, Otsu, Shiga, Japan
- 2006 Scholar Award Lecture and Panel Speaker at 2006' International Society of Hypertension Satellite Symposium, Oct 21-22, Nishinomiya, Japan. Paper presented: Micronutrients, Inflammation and Congestive Heart Failure in the Elderly – Nutritional Perspectives for Primary Prevention and Clinical Treatment.
- 2005 Scholar Award Lecture, Food Culture: Development and Education – Building Food Culture and Education for Longevity – 20 year CARDIAC Study, Symposium supported by UNESCO. Paris, France, Oct 3-4, 2005. Paper presented: Gender Differences as a Clue for Healthier Aging: Asian Food.
- 2004 Scholar Award Lecture and Panel Speaker at Kyoto 2004 World Health Forum – the Nutrition Power of 'Genome Plus – from Japan to the World, Oct 2, 2004, Kyoto, Japan. Paper Presented: Intelligence for Preventing Life Style Related Disease.
- 2004 Scholar Award Lecture and Panel Speaker at 11th International Symposium on the SHR and Cardiovascular Risk – Genomics to Disease Prevention, May 15-18, 2004. Portland Oregon U.S. Paper presented: Obesity, Emerging Risk in China: Trend of Increased Body Weight and Risk of Hypertension and Hypercholesterolemia in the Chinese Population

- 2003 Scholar Award Lecture and Panel Speaker at 3rd International Atherosclerosis Symposium, Sept 28 – Oct. 2, 2003 Kyoto Japan. Paper presented: Geo-ethnic sensitive and cross-cultural differences of dietary patterns and blood pressure among five Chinese ethnic populations.
- 2002 Travel Award - Keystone Symposia: Stroke Molecular, Cellular, Pharmacological and Development of New Therapeutics Mar 9-14, 2002, Taos, New Mexico US. Paper presented: Protein-energy under-nutrition, co-morbidity status and post-hospital mortality among stroke patients.
- 2001 Travel Award, The 5th International Conference on Preventive Cardiology, May 27-31, 2001, Osaka, Japan. Presented: Dietary protein and blood pressure: a meta-analysis of epidemiological studies. *Japanese J of Cardiovascular Disease Prevention* 2001;36(Sup May):98.
- 2001 Travel Award for attending the 9th Hong Kong College of Cardiology Conference, April 19-22, 2001. Paper presented: Diet-related factors, educational levels and blood pressure in a Chinese population sample: findings from the Japan-China Co-operative Research.
- 2000 Travel Award for attending the 3rd Japan-China Hypertension Symposium, Oct 8, 2000, Beijing, China. Paper presented: Leisure-time physical activity and other factors in relation to blood pressure in Japanese-American people in Hawaii, USA.
- 1998 Fellowship of the Japan Society for the Promotion of Science, visiting researcher at the Department of Health Science, Shiga University of Medical Science, Otsu, Japan
- 1996 Travel Award from 3rd International Fibrinogen Symposium – Haemostasis, Inflammation and Cardiovascular Disease (Chaired by Dr. W Koenig), May, 1996, Ulm, Germany.
- 1994-1998 Postgraduate Studentship (PhD), the University of Hong Kong
- 1993 British Council's Travel award, International Agency for Research on Cancer, Unit of Epidemiology for Cancer Prevention (working with Dr. Annie J. Sasco), Lyon, France
- 1992 Sino-British Technical Cooperation Scholarship (British Council) for a full-support graduate study in the University of London School of Hygiene and Tropic Medicine, UK

SECTION II: REGIONAL PROFESSIONAL ORGANIZATIONS, DEPARTMENT AND UNIVERSITY COMMITTEES

National and Regional Professional Organizations and Societies

- 2016 - APHA Epidemiology Section Committees and Section Councilor (Education)
- 2014 - Co-chair of CVD and DM Interest Group of APHA Epidemiology Section
- 2014 - Asian Health Collaborative of Great Philadelphia
- 2007 - Pennsylvania Diabetes Action Partnership Committee
- 2006 - Fellow of the American Heart Association (FAHA) since 2008
- 2006 - Affiliate Member, Institute for Diabetes, Obesity & Metabolism, University of Pennsylvania
- 2005 - American Public Health Association (APHA):
Co-Chair of Cardiovascular and Diabetes Research Interest Group (2013 -)

2005 - Councilor of the Epidemiology Section (2015-)
 2005 - Pennsylvania Public Health Association (PPHA) – Director Board (2009 -)
 2005-2014 American Cancer Society Asian Advisory Committee
 2001-2005, 2018- American Geriatrics Society
 2001-2005 International Epidemiology Association

Department, School and University Committees

Department and School

2016- Member of Dornsife School of Public Health Diversity and Inclusive Committee
 2016- Member of School Global Health Advisory Board

 2014-2015 Drexel University Dornsife School of Public Health Dean’s Executive Committee
 2009-2014 School Admissions Committee for MPH Programs (and served as Chair 2012-2014)
 2008 Drexel University School of Public Health Strategy Planning Committee
 2008 Member of the Grand Round Search Committee, Drexel University School of Public Health, Philadelphia, PA
 2007-2014 Department Faculty Search Committees (2007, 2008, 2014)
 2012- Member of Department PhD Admission Committee

University

2016 Co-Director of Drexel US-China Climate Change, Air Pollution and Urban Health Summer Internship Program, a joint grant support from Drexel University Office of International Programs, A. J. Drexel Institute for Energy and the Environment, and Drexel-SARI (Shanghai Advanced Research Institute of Chinese Academy of Sciences) project.
 2015 - Board Member of Drexel University China Collaborative
<http://drexel.edu/oip/about/global-drexel/China-Collaborative/>
 2014 - 2015 Drexel University Senate Committees on Academic Affairs (SCAA)-Graduate Subcommittee
 2014 Co-Director of Drexel US-China Climate Change, Air Pollution and Urban Health Summer Internship Program, a joint grant support from Drexel University Office of International Program and Shanghai Advanced Research Institute of Chinese Academy of Sciences (SARI-CAS)
 2006 - Judge for the Drexel University Research Day

Others (Prior to working with Drexel)

2002 - 2005 Member of the University Multicultural Diversity Committee, the University of Arkansas for Medical Sciences, Little Rock, AR, USA
 2001–2005 Member of Curriculum Committee of the Department of Epidemiology, College of Public Health, the University of Arkansas for Medical Sciences, Little Rock, AR.
 1996 - 1998 Member of Health Care Committee at the University of Hong Kong, China
 1987 - 1998 Member of Curriculum Committee, School of Public Health (formerly Department of Preventive Medicine), Chongqing Medical University, Chongqing, China
 1988 Member of Faculty Committee, Chongqing Medical University, China

SECTION III: TEACHING AND MENTORING

Developed New Courses

- 2014-2015 Pharmacoepidemiology
2007 Cardiovascular Disease Epidemiology and Prevention (for full-time MPH, MD/MPH programs)
2007 Epidemiology for Public Health Practice (for full-time MPH with Epidemiology concentrators)
2005-2006 Introduction to Descriptive Epidemiology and Biostatistics (for Graduate Certificate program)*
2005-2006 Introduction to Analytical Epidemiology and Biostatistics (for Graduate Certificate program)*

*PBHL-701 (EPI 570), and PBHL 702 (EPI 571) were developed for online certificate program, entitled "*Certificate in Epidemiology and Biostatistics Principles and Methods for Public Health in the 21st Century*", offered by the Department of Epidemiology and Biostatistics, Drexel University Dornsife School of Public Health.

Taught Courses

- PBHL 701: Introduction to Descriptive Epidemiology and Biostatistics (for Graduate Certificate program)
PBHL 702: Introduction to Analytical Epidemiology and Biostatistics (for Graduate Certificate program)
BUSN 698: Epidemiology (for MBA students in Pharmacological Management, 2006)
PBHL 633: Cancer Epidemiology (Guest lectures on Diet and Cancer, 2009-2011)
PBHL-822: PhD Independent study: Epidemiology of Nutrition and Diabetes Mellitus (for PhD student's Independent Study in micronutrients and diabetes mellitus research)
PHA-525B: Overview of Pharmacoepidemiology (Guest lecture for Master's degree in Drug Discovery and Development, Department of Pharmacology and Physiology, 2013)
PBHL 333 Burden of Cardiovascular Disease (Guest lecture for undergraduate students majoring and minor in Public Health) – Global Health

Current Teaching

- EPI 552 Epidemiology for Public Health Practice
EPI 557 Cardiovascular Disease Epidemiology and Prevention
EPI 599 Pharmacoepidemiology
EPI 572 Design and Analysis of Epidemiological Studies
EPI 750 Integrated learning experience in epidemiology (MPH thesis projects)
EPI 699 Master of Science Epidemiology Project (MS thesis projects)
EPI 822 PhD independent Study: Projects related to System Review and Meta-Analysis, Micronutrients, Inflammation and Cardiovascular Disease and Diabetes

Mentoring graduate students' Research Projects and Thesis/Dissertations

Current MPH students (2017-2019):

MPH program

Melissa Medina: Social network analysis of students with autism spectrum disorder: Differences between socioeconomic environments and system-wide support mechanisms

Alberta Nikrumach: Pediatric Falls at Children's Hospital of Philadelphia

Olivia Judah: Topic TBD

MS program in Epidemiology

Chloe Hannan: Self-reported driver risk behaviors and observed driving behaviors (Strategies Highway Research Program 2, SHRP2)

Current PhD students

- 2018- Chioma Uzoigwe-Smith: CVD/DM (TBD in detail), (Role, advisor and the chair of her dissertation committee)
- 2015 - Pam Phojanakong: Reproductive History and Risk for Cardiovascular Disease (Role, advisor and chair of her dissertation committee)

Served as advisor to work with MD Fellows at Drexel University College of Medicine

Internal medicine and cardiology fellow (clinical epidemiology): Drs. Raghunandan Dudda Subramanya, Brett Victor, Sabrina Islam, Jamael A Hoosain et al.

Served as advisor and worked with visiting scholars/postdoctoral fellows:

- 2011-2012 Yong Long: Associate Professor, Department of Epidemiology, 4th Military Medical University, Xian, China
- 2016-2017 Nie Yan: Associate Professor, School of Public Administration, Guizhou University, Guiyang, China
- 2016-2017 Liangxia Chen, Associate Chief Physician, Shandong Province CDC, Jinan, Shandong, China

Graduated PhD students (n=10)

- 2014- 2018 Julianne Nelson, PhD thesis: Impact of Apparent Treatment Resistant Hypertension on Cardiovascular Disease and Potential Biological and Pharmaceutical Interaction (Role, advisor and chair of dissertation committee)
- 2013-2017 Mr. Michael T. LeVasseur, Infection Disease Epidemiology: The Effects of sex hormones on cardiovascular disease risk factors among transgender men and women undergoing hormone therapy in Philadelphia (Role, member of his dissertation committee)
- 2011-2015 Jonathan Cass, What is the "Western Pattern?" Refining Factor-Derived Dietary Patterns from the NHANES Food Frequency Questionnaire using 24 Hour Dietary Recall Data (Role, member of his dissertation committee)
- 2008-2015 Mr. Alan Sim, PhD candidate, research project: HIV patients with co-morbidity of cardiovascular disease and diabetes, (Role, member of his dissertation committee)
- 2012-2014 Neena George, The Burden of infection-associated and common cancers among South Asians and other Asian Subgroups in the United States, (Role, member of her dissertation committee)
- 2010-2013 DrNP. Jihane J. Hajj, Drexel College of Nursing and Health Professional, her research project: The Effect of Sleep Quality and Fatigue on Quality of Life in Class II, III Heart Failure. (Role, member of her dissertation committee)
- 2009-2012 Shaum Kabadi, PhD, Department of Epidemiology and Biostatistics, Drexel University School of Public Health: research project: Association between serum 25-hydroxyvitamin D concentration and type 2 diabetes mellitus: interaction by race/ethnicity and mediation by inflammation (role, advisor and chair of his dissertation committee).
- 2009-2012 Kristen Johnson, PhD, Department of Epidemiology and Biostatistics, Drexel University School of Public Health: Research Project: Epidemiology of HIV-1 and Hepatitis Virus Co-Infection:

- Distribution and Pathogenesis in an Urban Clinical Population. (Role, member of her dissertation committee)
- 2008-2012 Glenn R. Booker, PhD, at Drexel University College of Information Science and Technology, his research project: Modeling of Human Aging Using a System Approach (role, member of his dissertation committee)
- 2009-2011 Donald A. Pellegrino, PhD at Drexel University College of Information Science and Technology, his research project: Influenza Sequence Mapping – Making Novel Connection between Literature and Data (role, member of his dissertation committee).

Graduated MPH students (Total N=48 MPH 2007-2017)

Graduated in 2017 (n=4)

MPH with concentration in Epidemiology

2015-2017 Stuthi Perimbeti – Clinical Characteristics of Patients with Breast Cancer

2015-2017 Riby Abaka Yankson – Examining the relationship between HIV-status and social support among pregnant women in Umlazi Township, Durban, South Africa

2015-2017 Jade Bell – Examination the Efficacy of Different Contraceptives in Women with HIV Positive

MPH with concentration in Biostatistics

2015-2017 Bingqing Zhang – Pesticide and Risk of Breast Cancer

Graduated in 2016 (n=3): One of them (Quan) received Best Thesis Award

MPH with concentration in Epidemiology (n=2):

2014-2016 Arshpreet Kaut Mallhi: Gender and age differences in the association between periodontal disease and metabolic syndrome

2014-2016 Quan Truong: Place matters: Perceived neighborhood safety and social support during childhood and its impact on mental health in Philadelphia – a GIS analysis of children’s population health needs and resources

MPH with concentration in Biostatistics (n=1):

2014-2016 Haoyang Guo: CVD Risk Surveillance and Prediction Using Electronic Medical Records Data

Graduated in 2015 (n=6)

MPH with concentration in Epidemiology:

2013-2015 Dr. Ankit Sutaria: Association between polypharmacy and CKD: findings from NHANES

2013-2015 Dr. Ishan A. Lalani: Obstructive sleep apnea syndrome and other CVD comorbidities in patients with diabetes

2013-2015 Miss Snaha Patel: Association between diabetes mellitus and coronary heart disease, and cost analysis using data from 2012 Medical Expenditure Panel Survey

MPH with concentration in Biostatistics (preceptor):

2013-2015 Miss Xuan Yang, Longitudinal Analysis of Climate Change, Air Quality and Pubic Health in China

2013-2015 Miss Xiaochen Zhang, Patterns of prescribed medications in patients with diabetes in the United States

2013-2015 Miss Hui Liu: The use of propensity score methods with time-to-event outcomes: comparing different algorithms to estimate the propensity score and assess the performance of different propensity score methods in an observational study

Graduated in 2014 (n=6)

- 2012-2014 Dr. Hardik Chhatrala: Pattern of Metformin Prescription in Diabetic Patients with Chronic Kidney Disease
- 2012-2014 Dr. Pooja Rangan: Disease Assessment of Multiple Comorbidity Patterns and Outcomes in Hospitalized Patients with Cardiovascular Disease and Cancer in the United States
- 2012-2014 Miss Reema Patel: Association of Birth Weight with Cardiovascular Disease and Diabetes Risk Factors among U.S. Children
- 2012-2014 Miss Abinaya Arulsevan: Regional differences in cardiovascular disease risk across the lifespan among the Americans: Findings from the National Statewide Behavioral Risk Factors Surveillance System (BRFSS)
- 2012-2014 Miss Sarah A Marchese (MS in Biostatistics): World Health Organization (WHO) Study on global AGEing and adult health (SAGE)
- 2012-2014 Miss Meghan E. Burks: Mental Health and Cardiovascular Disease: Health Disparities by Region and Socioeconomic Status in the United States

Graduated in 2013 (n=5)

- 2011- 2013 Dr. Zeeshan Mansuri, MPH thesis: Geography and disparity in influenza vaccination and flu control in patients with cardiovascular disease in the United States: Results from BRFSS 2001, 2006 and 2011
- 2011- 2013 Dr. Kathan Mehta, MPH thesis: Prediction of cardiovascular mortality using artificial neural networks (MPH with concentration in Biostatistics)
- 2011- 2013 Miriam Rizk, MPH thesis: Sleep duration as a risk factor for diabetes mellitus and cardiovascular disease: findings from 2010 National Health Interview Survey
- 2011- 2013 Yuan Yao, MPH thesis: Post cardiac arrest myocardial dysfunction: Use echocardiography as a detection method and its indicators as outcomes (preceptors: Anne Grossestreuer, MS, David Gaieski, MD, and Sarah Perman, MD at Hospital of the University of Pennsylvania)
- 2011- 2013 Jingyu Huang, MS, thesis: Ageing, Biomarkers and the Progression of Chronic Kidney Disease (MS in Biostatistics, and working with Dr. Yunwen Yang)

Graduated in 2012 (n=4)

- 2010 -2012 Siu Yue Ng, MPH thesis: Depression and associated risk factors: Findings from the WHO-World Health Survey
- 2010 -2012 Namrata Chandrashekar, MPH thesis: Malnutrition and heart failure: A retrospective cohort study
- 2010 -2012 FengFeng Liu, MPH thesis: Quality of healthcare in African Americas patients with heart failure
- 2010 -2012 Caroline Chak, MPH thesis: Alcohol consumption and chronic disease in Pennsylvania- A multilevel analysis

Graduated in 2011 (n=4)

- 2009-2011 Swetaben Brahmabhatt, MPH thesis: Impact of race/ethnicity and serum creatinine concentration in the progression of patients with congestive heart failure
- 2009-2011 John Lee, MPH thesis: Asthma epidemiology: Air pollution and asthma
- 2009-2011 Kaushal Sondarwa, MPH thesis: Analyzing existing data on strategies to increase access to cancer education for underserved groups (Pennsylvania Cancer Education Network)
- 2009-2011 Maria Kyvernitis, MPH (executive program), thesis: An Evaluation of Nutrigenomics Technology and Its Current Practical Application in the Field of Dietetics

Graduated in 2010 (n=3)

- 2008–2010 Anjana B. Patel, MPH thesis: Longitudinal study of biomarkers and disease progression in patients with congestive heart failure. (After graduation: DHHS)
- 2009–2010 Judi Wong, MPH, thesis: Longitudinal study of biomarkers and disease progression in patients with chronic kidney disease. (After graduation: Medical School student)
- 2009-2010 Jennifer True, MPH, (executive program), research thesis: Food Irradiation

Graduated in 2009 (n=3)

- 2007–2009 Benjamin Liu, MPH thesis: Quality of care and quality of life in patients with heart failure (Current: Medical School student)
- 2007–2009 Indira Sadhu, MPH thesis: Cardiometabolic Risk Factors and Dementia. The Abstract has been accepted at 2009 American College of Epidemiology. (After graduation: Research Coordinator, Connecticut Children’s Medical Center)
- 2007–2009 Olujimisola Ojediran, MPH thesis: Cardiometabolic Risk Factor Reduction - a community population based survey (After graduation: Public Health Officer at the U.S Air Force, Philadelphia)

Graduated in 2008 (n=4)

- 2006–2008 Robert Ferdman, MPH thesis: Disaggregated Ethnic Disparities in Breast Cancer Stage and Treatment among Asian Americans and Pacific Islanders. The Abstract has been accepted to present at 2008 APHA annual meeting. (After graduation: Medical School student)
- 2006–2008 Mardea Caulcrick, MPH thesis: Cardiometabolic Risk Factors and Cognitive Function among Different Racial/Ethnic Populations in the U.S.A. The Abstract has been accepted to present at 2008 American Heart Associate Scientific Meeting. (After graduation: Philadelphia Dept of Health, and Delaware Division of Public Health, and then Rhode Island Department of Health)
- 2006–2008 Evan Birnholz, MPH thesis: Assessing the Impact of a Pilot Disease Management Intervention on Congestive Heart Failure Patients. The Abstract has been accepted to present (oral) at 2008 APHA Annual Meeting. (PhD candidate at Temple U)
- 2006–2008 David St. Michel, MPH thesis: Predictors of Poor Adherence and Poor Clinical Outcomes among Patients Treated for Hypertension and/or Hyperlipidemia. (After graduation: Medical School student)

Graduated in 2007 (n=4)

- 2006–2007 Kathleen A. Kushner, MPH (Executive program) thesis: Post-marketing pharmaceutical research – determining the “Acceptable” risk and benefits of marketed products for public health. (After graduation: PRA International Project Director, Medical Affairs)
- 2005–2007 Bo Hyen Lee, MPH thesis: Mental health and risk factors among the elderly in Philadelphia. (After graduation: GlaxoSmithKline, project manager)
- 2005–2007 Nicole Roberts, MPH thesis: A program evaluation – Assessing the effectiveness of breast cancer risk communication seminars for African American women. (After graduation: Mt. Sinai Med School - Sloan Kettering Clinical Research Coordinator)
- 2005–2007 Jennifer Beck, MPH thesis: High School STD Screening: Re-infection rates. (After graduation: Research Manager for the Association of Public Health Labs Environmental Health Program Management)

Graduated in 2006 (n=2)

- 2005–2006 Bianca L. Malcolm, MPH thesis: Determination for spontaneous HBsAg seroclearance in peoples with chronic hepatitis B virus infection. (After graduation: PhD student, Columbia University)

2005–2006 Mike Stefanski, MPH thesis: Prospective randomized study of prophylactic antiepileptic drug therapy for patients with acute subarachnoid hemorrhage. (After graduation: Medical School student).

STUDENTS' AWARDS: for them I was their faculty mentor for their thesis projects at Drexel SPH

- June 2016 **Quan Truong:** Place matters: Perceived neighborhood safety and social support during childhood and its impact on mental health in Philadelphia – a GIS analysis of children's population health needs and resources
- June 2015 **Xuan Yang** received School CBMP Award (one of four awards only at school level): Research thesis: Longitudinal Analysis of Climate Change, Air Quality and Public Health in China".
- May 2013 **Dr. Zeeshan Mansuri** received Teaching Excellence Award and Community Communication Award. MPH thesis: Geography and disparity in influenza vaccination and flu control in patients with cardiovascular disease in the United States
- May 2012 **Aug Stella Unoma Ogwu** (Research student of NIH-funded Drexel University Opening Doors Program and MPH' 2010-2012) received First Place at Annual meeting of the College of Physicians of Philadelphia, paper presented by **Aug Stella Unoma Ogwu** and Longjian Liu: Mobile Health for Reducing Cardiometabolic Health Disparity: Opportunity and Challenges.
- July 2010 **Helen M. Miller-McDermott** (Executive MPH student 2007-2009) received New Investigator Award for paper named by **Helen M. Miller-McDermott**, Longjian Liu and Neil Fishman: The Effect of Increased Body Mass Index on the Risk of Surgical Site at APIC (Association for Professional in Infection Control and Epidemiology) Annual Educational Conference and International Meeting, July 11-15, New Orleans, LA
- June 2010 **Anjana B. Patel**, MPH, received Third Place at Drexel University School of Public Health Graduate Poster Session. Paper presented by **Anjana B. Patel**, Howard J. Eisen, and Longjian Liu: Longitudinal study of biomarkers and disease progression in patients with congestive heart failure.
- May 2008 **Robert Ferdman**, MPH, received Best Poster Award at Annual meeting of the College of Physicians of Philadelphia, paper presented by **Robert Ferdman**, Sriya Krishnamoorthy, Longjian Liu: Disaggregated Ethnic Disparities in Breast Cancer Stage and Treatment among Asian Americans and Pacific Islanders.
- May 2008 **Evan Birnholz**, MPH, received Best Poster Award at Annual meeting of the College of Physicians of Philadelphia, paper presented by **Evan Birnholz**, Longjian Liu and Howard J Eisen: Assessing the Impact of a Pilot Disease Management Intervention on Congestive Heart Failure Patients.
- May 2006 **Bianca L. Malcolm**, MPH, received Best Poster Award at Annual meeting of the College of Physicians of Philadelphia, paper presented by **Bianca L. Malcolm**, Longjian Liu, Gang Chen and Alison Evans: Determination for spontaneous HBsAg seroclearance in peoples with chronic hepatitis B virus infection.
- May 2006 **Bianca L. Malcolm**, MPH received Drexel University School of Public Health CBMP (Thesis) Award.

As a faculty mentor for students who were in the Drexel School Public Health Opening Doors Program (NIH grant #: R25 MD006792-01)

- 2015 Caitlin Weiss, Air pollution and stroke
- 2015 Asha Dorsey, Health Outcome Prevention and Evaluation (HOPE) Study (Jan-June)
- 2014 Erika Bond, Urbanization, Aging, Noncommunicable Disease and Health Disparity (June-Aug)
- 2014 Kathleen Ross, Health Outcome Prevention and Evaluation (HOPE) Study (Jan-Aug)

- 2013 Purva Jain, Health Outcome Prevention and Evaluation (HOPE) Study (Setp 2013-June 2014)
- 2013 Kelly Dawson, research topic: Disparities in Chronic Diseases in the Top 6 Most Populous U.S. Cities. ((Jan-Aug)
- 2013 Ariana Small, research topic: Prevalence of Attention Deficit Hypersensitive Disorder in U.S. Children aged 4-17 years older: Variations by Gender, Race, and Family Structure. (June-Aug)
- 2012 Stella Unoma Ogwu-Weekes, research field: Cardiometabolic Disorders and Health Disparities. (Feb-Aug)
- 2012 Sabrina Smalls: Health Disparities and Preeclampsia. (June-Aug)

SECTION IV: PROFESSIONAL SERVICES

Serving on Editorial Boards for Research Journals

- 2017 Associate Editor, Health Equity
- 2015 - Associate Editor, Frontiers in Public Health
- 2014- Associate Editor, Frontiers in Cardiovascular Epidemiology

- 2016 - Editorial Board, SM Journal of Public Health and Epidemiology
- 2016 - Editorial Board, Journal of Clinical & Medical Sciences
- 2015 - Editorial Board, Women’s Health International
- 2012 - Editorial Board, Journal of Translational Medicine and Epidemiology
- 2008- Editorial Board, Journal of Biometrics & Biostatistics
- 2008- Editorial Board, American Journal of Cardiovascular Disease
- 2007- Editorial Board, International Journal of Diabetes Mellitus
- 2007 Editorial Board, Cardiology Research

Scientific Review Panels and Committees

Served on multiple Review Panels for National Institutes of Health (NIH) and Medical Research Council (MRC) grant proposals, national academic association, and for national conferences abstracts

Review for journals

- Journal of Human Hypertension (Nature Publishing group, UK)
- Journal of Epidemiology and Community Health, (BMJ Publishing group, UK)
- Public Health Nutrition (Journal) (CABI Publishing, UK)
- Stroke (Journal) (America Heart Association, USA)
- Health Education (Journal) (UK)
- Journal of Aging and Health (SAGE Publications, USA)
- American Journal of Public Health
- International Journal of Cardiology
- International Journal of Diabetes Mellitus
- European Journal of Clinical Nutrition
- European Journal of Epidemiology
- Journal of Urban Health
- PLOS ONE
- Circulation
- JAMA

Serve as a Reviewer for Textbooks

- 2017 Julie E. Buring: Integrated Introduction Textbook on Epidemiology and Biostatistics, Elsevier
2012 Carol S. Aneshensel: Theory-Based Data Analysis for the Social Sciences (2nd edition, SAGE Publications Inc)
2011 Susan Bailey and Deepa Handu: Epidemiologic Research Methods in Public Health Practice (Jones and Bartlett Publishers)
2009 Harvey Motulsky: Intuitive Biostatistics (2nd Edition, Oxford University Press)

SECTION V: RESEARCH AND PUBLICATION

Research experience

Health disparity, cardiovascular disease, nutrition and metabolic disorder epidemiology, health service evaluation, global health, the National Cardiovascular Surveys in Japan, World Health Organization – Cardiovascular Disease and Alimentary Comparison (CARDIAC) Study, National Health and Nutrition Examination Surveys, Longitudinal Study of Aging, Multi-Ethnic Study of Atherosclerosis, Health, Aging, and Body Composition Study, and Heart Failure Study in African Americans.

List of Main Publications (from recent year to past)

Copies of articles listed below are available upon request. Abbreviations: PMID = PubMed Central Identifier; IMF = Impact Factor; NA=Not Available.

Year 2018

1. **Longjian Liu**, Xiaoyan Yin, Ming Chen, Hong Jia, Howard J. Eisen and Albert Hofman: Geographic Variation in Heart Failure Mortality and Its Association with Hypertension, Diabetes, and Behavioral-Related Risk Factors in 1723 Counties of the United States. *Frontier in Public Health*, 07 May 2017.
<https://www.ncbi.nlm.nih.gov/pubmed/?term=longjian+liu+and+heart+failure>
PMID: 29868540
2. **Longjian Liu**, Xuan Yang, Mingquan Wang, Yong Long, Heqing Shen, Yan Nie, Liangxia Chen, Haoyang Guo, Feng Jia, Julianne Nelson, Guangzi Song, Arthur Frank, Seth Welles, Charles N. Haas: Climate Change, Air Quality and Urban Health: Evidence from Urban Air Quality Surveillance System in 161 Cities of China 2014. *Journal of Geoscience and Environment Protection*, 2018, 6, 117-130,
<http://www.scirp.org/journal/PaperInformation.aspx?PaperID=84488>

Year 2017

Textbook

3. **Longjian Liu**: Heart Failure: Epidemiology and Research Methods. Published by Elsevier, 2017. Hardcover ISBN: 9780323485586.
4. Julianne Nelson and **Longjian Liu**: Relationship between depression and mortality in the elderly and presence of mediating effect of hypertension, under review by the *Journals of Gerontology, Series B: Social Sciences*.

5. **Longjian Liu**, Katsuyuki Miura, Aya Kadota, Akira Fujiyoshi, Ming Chen, Fuzhong Xue, Naoyuki Takashima, Naoko Miyagawa, Takayoshi Ohkubo, Hisatomi Arima,, Akira Okayama, Tomonori Okamura, Hirotsugu Ueshima: The Impact of Sex on Risk of Cardiovascular Disease and All-cause Mortality in Patients with Diabetes Mellitus: A Comparison between the U.S. and Japan

Submitted to Journal Diabetes and Metabolism

Year 2016

6. **Longjian Liu**, Barbara Simon, Jinggaofu Shi, Arshpreet Kaur Mallhi, Howard J Eisen: Impact of diabetes mellitus on risk of cardiovascular disease and all-cause mortality: Evidence on health outcomes and antidiabetic treatment in United States adults. *World J Diabetes*. 2016 Oct 15;7(18):449-461. PMID: 27795819.
7. **Longjian Liu**, Xuan Yang, Yong Long, Arshpreet Kaur Mallhi, Kathan Mehta, Erol Veznedaroglu, Xiaoyan Yin: Changes in the prevalence of hospitalization and comorbidity in US adults with stroke: A three decade cross-sectional and birth cohort analysis. *International Journal of Stroke*, PrePub Online July 13, 2016. PMID: 27412189. Impact Factor 3.83
8. **Longjian Liu**, Xuan Yang, Hui Liu, Mingquan Wang, Seth Welles, Shannon Márquez, Arthur Frank, Charles N Haas: Spatial–Temporal Analysis of Air Pollution, Climate Change, and Total Mortality in 120 Cities of China, 2012–2013. *Frontiers in Public Health*, PrePub Online, July 18, 2016. PMID: 27486572.
9. Mingquan Wang, Liqun Zhang, Kun Gao, **Longjian Liu**: Low-Carbon Healthy City Assessment Systems. In Book pages 181-216, 'China Low-Carbon Healthy City, Technology Assessment and Practice', Springer Berlin Heidelberg, 2016
10. Mingquan Wang, Liqun Zhang, Kun Gao, **Longjian Liu**: Significance of Development of Low-Carbon Healthy Cities. In Book pages 15-28, 'China Low-Carbon Healthy City, Technology Assessment and Practice', Springer Berlin Heidelberg, 2016.
11. Ankit Sutaria, **Longjian Liu**, and Ziauddin Ahmed: Multiple Medication and Chronic Kidney Disease in Patients Aged 60 and Older: A Pharmacoepidemiologic Perspective. *Therapeutic Advances in Cardiovascular Disease*. 2016 Aug;10(4):242-250. PMID: 26920372 (IMP: 3.03)
12. Liu-Xia Yan, Xiao-Lei Guo, Hui-Cheng Wang, Ji-Yu Zhang, Jun-Li Tang, Zi-Long Lu, Xiao-Ning Cai, **Long-Jian Liu**, Edward J Gracely, Ji-Xiang Ma: Population-based association between urinary excretion of sodium, potassium and its ratio with albuminuria in Chinese. *Asia Pacific Journal of Clinical Nutrition*, 2016 4:785-797, PubMed: PMID: 27412189. (IMP: 1.62)
13. Jing Sun, Pooja Rangan, Srinidhi Subraya Bhat, and **Longjian Liu**: A Meta-Analysis of the Association between Helicobacter Pylori Infection and Risk of Coronary Heart Disease from Published Prospective Studies. *Helicobacter*, 2016 Feb;21(1):11-23. PMID: 25997465 (IMP: 2.96)

Year 2015

14. **Longjian Liu**: Using Multivariate Quantile Regression Analysis to Explore Cardiovascular Risk Differences in Subjects with Chronic Kidney Disease by Race and Ethnicity: Findings from the U.S. Chronic Renal Insufficiency Cohort Study. *International Cardiovascular Forum Journal*, 2015, 2:21-25.

15. **Longjian Liu**: Joint Effects of Serum 25(OH) D and C-Reactive Protein Concentration on Coronary Heart Disease and All-cause Mortality in Patients with Diabetes Mellitus. *Journal of Heart Health*, 2015;1:1-5,
16. Shukang Wang, Yanxun Liu, Fangyu Li, Hongying Jia, **Longjian Liu**, and Fuzhong Xue: A Novel Quantitative Body Shape Score for Detecting Association between Obesity and Hypertension in China. *BMC Public Health* 2015, 15:1-9. PMID:25595192 (IMF: 2.32)
17. **Longjian Liu**: Spatial Pattern and Ecologic Analysis of the Impact of Air Pollution on the Prevalence of Stroke, Coronary Heart Disease and Diabetes Mellitus, and Premature Death in the United States. *Stroke* (Abstract) 2015;46:A81.
18. Miki Sagara, Shigeru Murakami, Shunsaku Mizushima, **Longjian Liu**, Mari Mori, Katsumi Ikeda, Yasuo Nara, and Yukio Yamori: Taurine in 24-h Urine Samples Is Inversely Related to Cardiovascular Risks of Middle Aged Subjects in 50 Populations of the World. *Advances in Experimental Medicine and Biology*, 2015, Vol 803:623-636. PMID:25833532, (IMP: 1.958)

Year 2014

19. **Longjian Liu**, Ana E. Núñez, Yuan An, Hui Liu, Ming Chen, Jixiang Ma, Edgar Y. Chou, Zhengming Chen, and Howard J. Eisen: Burden of Cardiovascular Disease among Multi-Racial and Ethnic Populations in the United States: An Update from the National Health Interview Surveys. *Frontiers in Cardiovascular Medicine*, 2014, 1:1-8. Doi:10.3389/fcvm.2014.00008. PMID: 26664859
20. **Longjian Liu** and Ana E. Núñez: Multilevel and Urban Health Modeling of Risk Factors for Diabetes Mellitus: A New Insight to Public Health and Preventive Medicine. *Advances in Preventive Medicine*, 2014, 1-7. ID 246049, <http://dx.doi.org/10.1155/2014/246049>. PMID 25431678
21. Yukio Yamori, Miki Sagara, Shunsaku Mizushima, **Longjian Liu**, Katsumi Ikeda, and Yasuo Nara: An inverse association between magnesium in 24-hour urine and cardiovascular risk factors in middle-aged subjects of 50 CARDIAC Study populations. *Hypertension Research*, 30 October 2014; doi:10.1038/hr.2014.158. PMID: 25354778 (IMF: 2.936).
22. Lezhou Wu and **Longjian Liu***: Systematic review and meta-analysis evaluating the impact of vitamin D on the risk of heart failure: New evidence from population-based studies. *J of Cardiovascular Disease*, 2014, 2:1-15. (IMF: NA. *corresponding author)
23. **Longjian Liu** and Howard J Eisen: Epidemiology of heart failure and scope of the problem. *Cardiology clinics*, 2014, 32(1):1-8. PMID: 24286574, (IMF: 1.25).
24. **Longjian Liu**, Katsuyuki Miura, Akira Fujiyoshi, Aya Kadota, Naoko Miyagawa, Yasuyuki Nakamura, Takayoshi Ohkubo, Akira Okayama, Tomonori Okamura, Hirotsugu Ueshima: Impact of Metabolic Syndrome on the Risk of Cardiovascular Disease Mortality in the United States and in Japan. *American Journal of Cardiology*, 2014, 113(1):84-89. PMID: 24169008, (IMF: 3.76)

Year 2013

25. **Longjian Liu**, Wei Zhao, Pam Phojanakong, Yuan An, Po-Nan Chang, Zuolu Liu, Shaum M. Kabadi, and Eliot Sorel: Translational Epidemiology and the Application of Public Health Surveillance: Diabetes Mellitus and

Mental Distress in New York City before and After the September 11, 2001 Attacks. *Journal of Translational Medicine and Epidemiology*, 2013 1(1):1002 (IMF: NA).

26. Zhenxin Zhu, Yanxun Liu, Chengqi Zhang, Zhongshang Yuan, Qian Zhang, Fang Tang, Haiyan Lin, Yongyuan Zhang, **Longjian Liu**, Fuzhong Xue: Identification of Cardiovascular Risk Components in Urban Chinese with Metabolic Syndrome and Application to Coronary Heart Disease Prediction: A Longitudinal Study. *PLOS One*, 2013, 8(12):1-10. PMID:24358344, (IMF: 3.73).
27. Lydia Foucan, Fritz-Line Vélayoudom-Céphise, Laurent Larifla, Christophe Armand, Jacqueline Deloumeaux, Cedric Fagour, Jean Plumasseau, Marie-Line Portlis, **Longjian Liu**, Fabrice Bonnet and Jacques Ducros: Polymorphisms in *GC* and *NADSYN1* Genes are associated with vitamin D status and metabolic profile in Non-diabetic adults. *BMC Endocrine Disorders* 2013, 13:36:1-8; PMID: 24073860, (IMF: 2.65).
28. Hao Jia, Wei Chen, Xiaoping Yu, Xiuhua Wu, Shuai Li, Hong Liu, Jiru Liao, Weihua Liu, Mantian Mi, **Longjian Liu**, Daomei Cheng: Black rice anthocyanidins prevent retinal photochemical damage via involvement of the AP-1/NF- κ B/Caspase-1 pathway in Sprague-Dawley Rats. *Journal of Veterinary Science*, 2013, 14:345-353. PMID:23820171, (IMF: 0.89).
29. Shaum M Kabadi, **Longjian Liu***, Amy H Auchincloss, and Issa F Zakeri: Multivariate Path Analysis of Serum 25-Hydroxyvitamin D Concentration, Inflammation, and Risk of Type 2 Diabetes Mellitus. *Disease Markers* 2013;35(3):187-193, PMID: 24167365 (IMF: 2.14, *Corresponding author)
30. **Longjian Liu**, Ana E Nunez, Xiaoping Yu, Xiaoyan Yin and Howard J. Eisen: Multilevel and Spatial-Time Trend Analyses of the Prevalence of Hypertension in a Large Urban City in the USA. *Journal Urban Health* 2013;(6):1053-63.PMID:23897041, (IMF: 1.89)
31. **Longjian Liu**, Yuan An, Ming Chen, Zuolu Liu, Xiaohua Hu, Edgar Chou and Howard J. Eisen: Trends in the prevalence of hospitalization attributable to hypertensive diseases among United States adults aged 35 and older from 1980 to 2007. *Am J of Cardiology* 2013;112:694-699, PMID: 23726180 (IMF: 3.76)
32. Yong Long, Edward J. Gracely, Craig J. Newschaffer and **Longjian Liu***: Analysis of the prevalence of cardiovascular disease and associated risk factors for European-American and African-American populations in the state of Pennsylvania 2005-2009. *Am J Cardiol.* 2013;111:68-72. PMID: 23040600, (IMF: 3.76, *Corresponding author)
33. Ritu Khare, Yuan An, Sandra Wolf, Paul Nyirjesy, **Longjian Liu**, and Edgar Chou (2013). Understanding the EMR error control practices among gynecologic physicians. *iConference 2013 Proceedings* (pp. 289–301). doi: 10.9776/13197, <https://www.ideals.illinois.edu/bitstream/handle/2142/36042/197.pdf?sequence=4>
34. **Longjian Liu**, Fuzhong Xue, Jixiang Ma, Marshal Ma, Yong Long, and Craig J. Newschaffer: Social Position and Chronic Conditions across the Lifespan and Risk of Stroke: A Life-Course Epidemiological Analysis of 22,847 Adult Americans. *International Journal of Stroke*, 2013;8:50-55, PMID:23231424 (IMF: 2.38) <https://www.ncbi.nlm.nih.gov/pubmed/23231424>

Year 2012

35. Gregory E. Malat, Karthik M. Ranganna, Nicholas Sikalas, **Longjin Liu**, Rahul M. Jindal, and Alden Doyle: High Frequency of Rejections in HIV-Positive Recipients of Kidney Transplantation: A Single Center Prospective Trial. *Transplantation* 2012;94:1020-1024, (IMF: 4.003).
36. **Longjian Liu** and Stella-Maris Unoma Ogwu: A Meta-Analysis of Mobile Health and Risk Reduction in Patients with Diabetes Mellitus: Challenge and Opportunity. *Journal of Mobile Technology in Medicine*, 1:3:17-24, 2012. (IMF: NA)
37. **Longjian Liu**, Zuolu Liu, Marshal Ma, Fuzhong Xue and Eliot Sorel: The Cardiometabolic Syndrome and Risk of Mortality from Cardiovascular Diseases and All-causes Among African Americans and White Americans. *Journal of Clinical Metabolism and Diabetes*, 2012;3(1):1-8. (IMF: NA).
38. **Longjian Liu**, Xiaoan Yin, Susan Morrissey: Global Variability in Diabetes Mellitus and Its Association with Body Weight and Primary Healthcare Support in 49 Low- and Middle-Income Developing Countries. *Diabetic Medicine*. 2012;29:995-1002. PMID: 22150805, (IMF=3.036)
39. Shaum M. Kabadi, Brian K. Lee and **Longjian Liu***: Joint effects of obesity and vitamin D deficiency on insulin resistance and type 2 diabetes: Results from the NHANES 2001-2006. *Diabetes Care* 2012;35:2048-54, PMID: 22751957, (IMF: 7.1, *Corresponding author)
40. **Longjian Liu**, Ming Chen, Shelley R Hankins, Ana E. Núñez, Robert A Watson, Perry J Weinstock, Craig J. Newschaffer, and Howard J Eisen: Serum 25-Hydroxyvitamin D Concentration and Mortality from Heart Failure and Cardiovascular Disease, and Premature Mortality from All-Cause in US Adults. *American J Cardiol*. 2012;110:834-9. PMID: 22658246, (IMF: 3.76). *This paper was awarded as Top 20 Read Internal Medicine Articles in 2012 on MDLinks.
[https://www.ajconline.org/article/S0002-9149\(12\)01343-4/fulltext](https://www.ajconline.org/article/S0002-9149(12)01343-4/fulltext)
41. Qian Zhang, Chengqi Zhang, Xinghong Song, Haiyan Lin, Dongzhi Zhang, Wenjia Meng, Yongyuan Zhang, Zhenxin Zhu, Fang Tang, **Longjian Liu**, Xiaowei Yang and Fuzhong Xue: A Longitudinal Cohort Based Association Study between Uric Acid Level and Metabolic Syndrome in Han Chinese Urban Population. *BMC Public Health* 2012, 12:419 PMID: 22682157 (IMP: 2.36)
42. Dean G. Karalis, Brett Victor, Lilian Ahedor and **Longjian Liu**: Use of Lipid Lowering Medications and the Likelihood of Achieving Optimal LDL-Cholesterol Goals in Coronary Artery Disease Patients. *Cholesterol*, 2012 (July),1-7, PMID: 22888414 1-7. (IMP: NA).
43. **Longjian Liu**, Jamilyah Gilliam, Kathleen Zitka, and Lisa Ulmer: Knowledge about Health Effects of Sun Exposure, Attitudes and Intention to Screen for Skin Cancer: Findings from the Pennsylvania Cancer Education Network. *J Behav Health* 2012; 1:243-251 (IMP: NA).

Year 2011

44. **Longjian Liu**, Jixiang Ma, Xiaoyan Yin, Ellie Kelepouris, and Howard J Eisen: Global Variability in Angina Pectoris and Its Association With Body Mass Index and Poverty. *American J of Cardiology*, 2011 Mar 1;107(5):655-61, PMID: 21184998, (IMF=3.58)
45. Dean G. Karalis, Raghunandan Dudda Subramanya, Scott E. Hessen, **Longjian Liu** and Mark F. Victor: Achieving Optimal Lipid Goals in Patients With Coronary Artery Disease. *American Journal of Cardiology*, 2011;15;107(6):886-90; PMID:21247526, (IMF=3.58)

46. **Longjian Liu**: Social Connections, Diabetes Mellitus, and Risk of Mortality among White and African American Adults Aged 70 and Older: An Eight-Year Follow-up Study. *Annals of Epidemiology*, 2011 Jan;21(1):26-33, PMID:21130366, (IMF=3.2).
47. Zuolu Liu and **Longjian Liu**: Infant mortality, cancer, and cardiovascular disease mortality: An ecological analysis for 47 prefectures of Japan. *International Journal of Cardiology*, 2011, Jun 2;149(2):242-3. PMID: 21353320. (IMF=7.078)
48. **Longjian Liu** and Craig J Newschaffer: Impact of social connections on risk of heart disease, cancer and all-cause mortality among elderly Americans: Findings from the second longitudinal study of aging (LSOA II). *Arch Gerontol Geriatr*. 2011 Sep-Oct;53(2):168-173, PMID: 21067827, (IMF=1.36)
49. **Longjian Liu**: Changes in Cardiovascular Hospitalization and Comorbidity of Heart Failure in the United States: Findings from the National Hospital Discharge Surveys 1980-2006. *International Journal of Cardiology*, 2011 May 19;149(1):39-45. PMID 20060181, (IF=7.078)

Year 2010

50. Ma J, Xu A, Jia C, **Liu L**, Fu Z, Dong J, Guo X, Su J, Bi Z.: Associations of Fibrinogen with Metabolic Syndrome in Rural Chinese Population. *J Atheroscler Thromb*. 2010;17(5):486-92. PMID 20215704, (IMF=2.84)
51. **Longjian Liu** and Ana E Núñez: Cardiometabolic Syndrome and Its Association with Education, Smoking, Diet, Physical Activity, and Social Support: Findings from the Pennsylvania 2007 BRFSS Survey. *The Journal of Clinical Hypertension* 2010;12(7):556-64. PMID: 20629821, (IMF=2.23)
52. Yi-Hong Zhou, Kenneth R. Hess, Vinay R. Raj, Liping Yu, **Longjian Liu**, Alfred W.K. Yung, and Mark E. Linskey: Establishment of Prognostic Models for Astrocytic and Oligodendroglial Brain Tumors with Standardized Quantification of Marker Gene Expression and Clinical Variables. *Biomarker Insights*. 2010; 5: 153–168. PMID: 21234290, (IMF: NA)
53. **Longjian Liu**, Okamura T, Kadowaki T, Murakami Y, Hozawa A, Kita Y, Takashima N, Okuda N, Okayama A, Ueshima H.: Bundle branch block and other cardiovascular disease risk factors: US-Japan comparison. *International J of Cardiology*, 2010 Sep, 3;143(3):432-40, PMID 19157582, (IMF=6.8)
54. **Longjian Liu**, Mizushima S, Ikeda Y, Nara Y and Yamori Y: Resting Heart Rate in Relation to Blood Pressure: Results from the World Health Organization - Cardiovascular Disease and Alimentary Comparison Study. *International Journal of Cardiology*, Mar 14, 2010, 145(1):73-4. PMID 19446895, (IMF=6.8)

Years 2005-2009

55. Yamori Y, **Liu L**, Mori M, Sagara M, Murakami S, Nara Y, Mizushima S: Taurine as the nutritional factor for the longevity of the Japanese revealed by a world-wide epidemiological survey. *Adv Exp Med Biol*. 2009;643:13-25, PMID 19239132, (IMF=2.02)
56. **Longjian Liu**, Jennifer A. Nettleton, Alain G. Bertoni, David A Bluemke, João A. Lima, and Moyses Szklo: Dietary Pattern, Metabolic Syndrome and Left Ventricular Mass and Systolic Function - The Multi-Ethnic Study of Atherosclerosis. *American Journal of Clinical Nutrition*, 2009;90:362-368. PMID19515735, (IMF=6.67), <https://www.ncbi.nlm.nih.gov/pubmed/19515735>

57. **Longjian Liu**: A New Epidemic of Heart Failure in the United States: Findings from the National Hospital Discharge Surveys, 1980-2006. *Circulation* 2008;118:S_1092 (in Abstract form, this work received national media attention and news reports)
58. **Longjian Liu**, Xiaoyan Yin, Ikeda K, Sullivan DH, Eisen HJ: Micronutrients, inflammatory and congestive heart failure in the elderly – Nutritional perspectives for primary prevention and clinical treatment. *Clinical and Experimental Pharmacology and Physiology* 2007;34:S14-16, (IMF=1.94)
59. Yukio Yamori, **Longjian Liu**, Shunsaku Mizushima, Katsumi Ikeda, Yasuo Nara for the CARDIAC Study Group: Male cardiovascular mortality and dietary markers in 25 population samples of 16 countries. *J Hypertension* 2006;24:1499-1505. PMID 16877951, (IMF=4.99)
60. Yi-Hong Zhou, Kenneth R. Hess, **Longjian Liu**, Mark. E. Linskey, W.K. Alfred Yung: Modeling prognosis for patients with malignant astrocytic gliomas using quantified expression of multiple marker genes and clinical variables. *Neuro-Oncology*, 2005;7(4): 485-484. PMID 16212813, (IMF=2.75)
61. **Longjian Liu** and Yukio Yamori for the CARDIAC Study Group: Gender Differences of Cardiovascular Disease as a Clue for Healthier Ageing: Asian Food. *UNESCO Symposium Proceedings Oct, 2005*. (IMF, NA)

Years 2000-2004

62. **Longjian Liu**, Katsumi Ikeda, Xiaoyan Yin, Tingzhong Yang, Lihong Mu, He Zhao, Shunsaku Mizushima, Tomohiro Miki, Yasuo Nara and Yukio Yamori: Geoethnic-sensitive and cross-culture differences of dietary patterns and blood pressure among five ethnic populations in China. *International Congress Serial* 2004;1262(May):168-172. (IMF, NA)
63. Dennis H. Sullivan, **Longjian Liu**, Paula K. Roberson, Melinda M. Bopp and Jacqueline C. Rees: Body weight change and mortality in a cohort of elderly patients recently discharged from the hospital. *J Am Geriatr Soc* 2004;52:1696-1701. PMID 15450047, (IMF=3.66)
64. **Longjian Liu**, Katsumi Ikeda, Ming Chen, Wei Yin, Shunsaku Mizushima, Tomohiro Miki, Yasuo Nara, Yukio Yamori: Obesity, Emerging Risk in China: Trend of Increasing Prevalence of Obesity and Its Association with Hypertension and Hypercholesterolemia among the Chinese. *Clinical and Experimental Pharmacology and Physiology* 2004, 31;S8-S10. PMID 15649295, (IF=1.94)
65. **Longjian Liu** and Dennis H. Sullivan: Relationships between social demographic factors and survival within one year of hospital discharge in a cohort of elderly male patients. *Journal of Epidemiology* 2003;13(4):203-210. PMID 12934963, (IMF=1.64)
66. **Longjian Liu**, Katsumi Ikeda, Yukio Yamori. Inverse relationship between urinary markers of animal protein intake and blood pressure in Chinese: results from the WHO Cardiovascular Diseases and Alimentary Comparison (CARDIAC) Study. *International J Epidemiology* 2002;31:227-233. PMID 11914325, (IMF=5.26)
67. Yukio Yamori, **Longjian Liu**, Lihong Mu, et al., Diet-related factors, educational levels and blood pressure in a Chinese population sample: Findings from the Japan-China Co-operative Research. *Hypertension Research*, 2002; 25:559-564. PMID 12358141, (IMF=2.49)

68. **Longjian Liu**, Katsumi Ikeda, Dennis H. Sullivan, Wenhua Ling, Yukio Yamori. Epidemiological evidence of the association between dietary protein intake and blood pressure: a meta-analysis of published data. *Hypertension Research*, 2002;25:689-695. PMID 12452320, (IMF=2.49)
69. **Longjian Liu**, Melinda M. Bopp, Paula K. Roberson, Dennis H. Sullivan. Under-nutrition and risk of mortality in the elderly patients within one year of hospital discharge. *Journal of Gerontology: Medical Sciences*, 2002;57(11):M741-M746. PMID 12403803, (IMF=3.08)
70. Njelekela MA, Negishi H, Nara Y, Sato T, Tomohiro M, Kuga S, Noguchi T, Kanda T, Yamori M, Mashalla Y, **Liu LJ**, Ikeda K, Mtabaji J, Yamori Y: Obesity and lipid profiles in middle aged men and women in Tanzania. *East Afr Med J*. 2002;79(2):58-64. PMID:12380877
71. Yukio Yamori, **Longjian Liu**, Katsumi Ikeda, Shunsaku Mizushima, Yasuo Nara and Olaf Simpson: Different Associations of Blood Pressure with Twenty-four Urinary Sodium Excretion among Pre-menopausal and Post-menopausal Women. *Journal of Hypertension*. 2001;19:535-538. PMID11327626, (IMF=4.99)
72. **Longjian Liu**, Tomo Kanda, Miki Sagara, Satomi Hirao, Naomi Yasui, Hiroko Negishi, Yu Sekine, Keiichi Honda, Katsumi Ikeda, Yukio Yamori. Leisure-time physical activity and other factors in relation to blood pressure in Japanese-American people in Hawaii, USA. *Hypertension Res*. 2001;24:145-151. PMID11325073, (IMF=2.49)
73. Hiroko Negishi, Katsumi Ikeda, Sachiko Kuga, Takanori Noguchi, Tomo Kanda, Marina Njelekela, **Longjian Liu**, Tomohiro Miki, Yasuo Nara, Toshiaki Sato, Yohana Mashalla, Jacob Mtabaji and Yukio Yamori: The relation of oxidative DNA damage to hypertension and other cardiovascular risk factors in Tanzania. *Journal of Hypertension*. 2001; 19:529-533. PMID 11327625, (IMF=4.99)
74. **Longjian Liu**, Lisheng Liu, Yuan Ding, Zhendong Huang, Bingxian He, Shinfu Sun, Guangsheng Zhao, Hongxiu Zhang, Tomohiro Miki, Shunsaku Mizushima, Katsumi Ikeda, Yasuo Nara, Yukio Yamori. Ethnic and Environmental differences in various markers of dietary intake and blood pressure among Chinese Han and three other minority peoples of China: results from the WHO cardiovascular diseases and alimentary comparison (CARDIAC) study. *Hypertension Res*. 2001;24:315-322. PMID11409657, (IMF=2.49)
75. Yukio Yamori, **Longjian Liu**, Katsumi Ikeda, Ayako Miura, Shunsaku Mizushima, Tomohiro Miki, Yasuo Nara. Distribution of twenty-four urinary taurine excretion and association with ischemic heart disease mortality in 24 populations of 16 countries: results from the WHO-CARDIAC Study. *Hypertension Res*. 2001;24:453-457. PMID11510759, (IMF=2.49)
76. **Longjian Liu**, Katsumi Ikeda and Yukio Yamori: Changes in stroke mortality by age and sex between 1950 and 1995 in Japan. *Stroke* 2001;32:1745-1749. PMID 11486100, (IF=7.04)
77. Marina Njelekela, Hiroko Negishi, Yasuo Nara, Miki Tomohiro, Sachiko Kuga, Takanori Noguchi, Tomo Kanda, Masashi Yamori, Yohana Mashalla, **Longjian Liu**, Jacob Mtabaji, Katsumi Ikeda, Yukio Yamori: Cardiovascular risk factors in Tanzania: a revisit. *Acta Tropica* 2001;79:231-239. PMID 11412807, (IMF=2.20)
78. **Longjian Liu**, Katsumi Ikeda and Yukio Yamori. Twenty-four hour urinary sodium and 3- methylhistidine excretion in relation to blood pressure in Chinese: results from the China-Japan Cooperative Research for the WHO-CARDIAC Study. *Hypertension Research* 2000;(3)151-157. PMID 10770262, (IF=2.49)

79. Lam TH, **Liu LJ**, Janus ED, Bourke C, Hedley AJ. Fibrinogen, angina and coronary heart disease in a Chinese Population. *Atherosclerosis*. 2000;149:443-449. PMID10729396, (IMF=4.52)
80. **Longjian Liu**, Kainan Wu, Xiaoning Lin, Wei Yin, Xiaofei Zheng, Xiaojun Tang, Lihong Mu, Zhiqiong Hu, Jianhua Wang: Passive smoking and other factors at different periods of life and breast cancer risk in Chinese women who have never smoked - a case-control study in Chongqing, People's Republic of China. *Asian Pacific Journal of Cancer Prevention*, 2000;1:131-137. PMID12718680, (IMF=1.11)
81. **Longjian Liu**, Shunsaku Mizushima, Katsumi Ikeda, Hiroyuki Hattori, Ayako Miura, Ming Gao, Yasuo Nara and Yukio Yamori: Comparative studies of dietary related factors and blood pressure among Chinese and Japanese: Results from the China-Japan Cooperative Research of the WHO-CARDIAC Study. *Hypertension Res*, 2000;23:413-420. PMID 11016794, (IMF=2.49)
82. Hiroko Negishi, Njelekela MAS, Katsumi Ikeda, Miki Sagara, Takanori Noguchi, Sachiko Kuga, Tomo Kanda, **Longjian Liu**, Yasuo Nara, Motoki Tagami and Yukio Yamori: Assessment of in vivo oxidative stress in hypertensive rates and hypertensive subjects in Tanzania, Africa. *Hypertension Res* 2000; 23:285-289. PMID10821140, (IMF=2.49)
83. **Longjian Liu**, S. Mizushima, M. Gao, K. Ikeda, Y Nara, Y. Yamori. Body mass index, urinary sodium excretion and blood pressure in seven Chinese populations: results from the WHO cardiovascular disease and alimentary comparison study. *CVD Prevention*. 2000;3:11-17. (IMF, NA)
84. Lam TH, **Liu LJ**, Janus ED, Hedley AJ: Fibrinogen, other cardiovascular risk factors and diabetes mellitus in Hong Kong: a community with high prevalence of non-insulin dependent diabetes and impaired glucose tolerance. *Diabetic Medicine*, 2000;17:798-806. PMID 11131105, (IMF=2.87)
85. Janus ED, Wat NMS, Lam KSL, Cockram CS, Siu STS, **Liu LJ**, Lam TH on behalf of the Hong Kong Cardiovascular Risk Factor Steering Committee. The prevalence of diabetes, association with cardiovascular risk factors and implications of diagnostic criteria (ADA 1997 and WHO 1998) in a 1996 community-based population study in Hong Kong Chinese. *Diabetic Medicine*, 2000;17:741-745. PMID11110508, (IMF=2.87)

Years 1998-1999

86. Lam TH, **Liu LJ**, Janus ED, Bourke C, Hedley AJ. The relationship between fibrinogen and other coronary heart disease risk factors in a Chinese population. *Atherosclerosis*. 1999;143:405-413. PMID 10217371, (IMF=4.52)
87. **Longjian Liu**, Sohel R Choudhury, Akira Okayama, Takehito Hayakawa, Yoshikuni Kita, Hirotsugu Ueshima. Changes in body mass index and its relationships to other cardiovascular risk factors: results from Japan 1980 and 1990 National Cardiovascular Surveys. *Journal of Epidemiology*, 1999;9:163-174. PMID 10412249, (IMF=1.64)
88. **Longjian Liu**, Hirotsugu Ueshima, Akira Okayama, Yosikazu Nakamura, Sohel R Choudhury, Yoshikuni Kita, Takehito Hayakawa, Takasi Kadowaki, Makoto Watanabe. Differences in dietary habits and relative body weight according to smoking status: results from the 1990 National Cardiovascular Survey in Japan. *CVD Prevention*, 1998;1(4):282-289. (IMF, NA)

Selected presentations at regional, national, and international conferences/meetings

Year 2018

1. **June 21-25, 2018**, International Society for Environmental Epidemiology (ISEE) and International Society of exposure Science (ISEE) Asian Chapter 2018, Taipei, Taiwan. Oral presentation: National Geographic Ecological Association between PM2.5 and Risk of Cardiovascular Disease and Cancer Mortality in the United States.
2. **May 3-4, 2018 Chicago**, USA – Women’s Health Initiatives Investigators Meeting. Presented: The Long-Term Effects of Menopausal Hormone Therapy and Its Interaction with Age on Incident Heart Failure: Women’s Health Initiatives Hormone Therapy Randomized Clinical Trials

Year 2017

3. **Nov 13, 2017, Rotterdam, Netherlands**
Invited talk, Longjian Liu, Heart Failure: Epidemiology and Scope of the Problems in the Aging Population Department of Epidemiology, Erasmus MC, University Medical Center Rotterdam
4. **Nov 4-7, 2017, APHA Annual Conference, Atlanta**
Presented (oral), Longjian Liu: Continuing Challenge of Air Pollution and Urban Health in China: Air and Health in 2012-2015
5. **Sept 14, 2017, San Francisco, California**, AHA Council on Hypertension and American Society of Hypertension Joint Scientific Sessions
Julianne Nelson and **Longjian Liu**: Effect of Apparent Treatment Resistant Hypertension on Incident Cardiovascular Events and Modification by Sex
6. **June 16-18, 2017, Hangzhou, China** - the 9th International Conference (2017) on Environmental Pollution and Public Health (EPPH 2017)
Keynote speaker and Session Chair: Presented: The Direct and Indirect Impact of Air Pollution on the Risk of Diabetes Mellitus: Findings from the City of Philadelphia Study in the United States
7. **May 4-6, 2017**, attended and presented at the Scientific Meeting of AHA Arteriosclerosis, Thrombosis and Vascular Biology, Peripheral Vascular Disease, Minnesota, Minneapolis. Presented paper: Metformin Significantly Increased Survival Rate in Patients with Diabetes and Comorbid Heart Disease.
8. **Feb 17-18, 2017**, Invited Talk at 2017 Making the Connection: Environment and Health in Wisconsin, Madison. Presented: Air Pollution, Climate Change, and Risk for Cardiovascular Disease, Feb 17, University of Wisconsin, Madison Campus Health Center
9. **Jan 24-26, 2017**, 17th National Conference and Global Forum on Science, Policy, and the Environment: Integrating Environmental and Health. Presented: Air Pollution, Inflammation, and Risk of Diabetes Mellitus: Turning Population Data into Action on Health Promotion. Hyatt Regency Crystal City, Washington, DC. National Airport.

Year 2016

10. **September 25-29, 2016, Coex, Seoul Korea**, the 26th Scientific Meeting of the International Society of Hypertension. Presented: Multiple Antihypertensive Medication Use, Resistant Hypertension and Outcomes in the United States. – Received Best Oral Presentation Award (Bronze).
11. **August 25-28, 2016**, Dublin, Ireland, 32nd International Conference on Pharmacoepidemiology and Therapeutic Risk Management. Paper presented: Pharmacoepidemiological Profiles of Glucose-lowering Drug Use in Patients with Diabetes and its Impact on Mortality from All-cause and Cardiovascular Disease in the U.S. Adults.
12. **June 26-29, 2016** International Society of Environmental Epidemiology and International Society of Exposure Science – Asia, Sapporo, Japan. Presented (oral): Climate Change, Air Quality and Urban Health Disparity: Evidence from Urban Air Quality Surveillance System in 161 Cities of China 2014.
13. **Feb 16-19, 2016**, American Heart Association Stroke International Conference, Los Angeles, USA. Presented paper: **Longjian Liu**, Hui Liu, Xuan Yang, Feng Jia and Mingquan Wang: Mapping and Multilevel Modeling of Climate Change and Air Pollution with Risk of Stroke in the United States and China: Findings from the Drexel-SARI Low Carbon and Health Technology Study

Year 2015

14. **Nov 30 – Dec 6, 2015**: United Nations Conference on Climate Change (COP21), Paris France.
15. **August 22-26, 2015**, Boston, 31st International Conference on Pharmacoepidemiology and Therapeutic Risk Management. Paper presented: The Burden of Cardiovascular Disease and the Impact of Anti-Diabetic Medication on Incident Cardiovascular Disease in Patients with Type 2 Diabetes: Findings from U.S. National Surveys.
16. **July 3, 2015**, - 2015 Innovation Summit on Biomedical & Biopharmaceutical Big Data, Beijing, China. Invited keynote speaker on 'The Application of Big Data in Biomedicine and Healthcare: Challenges and Opportunities.' This trip was fully supported by Beijing Municipal Association for Science and Technology.
17. **June 17, 2015**, - Shiga University of Medical Science and Center for Epidemiologic Research in Asia, Shiga, Japan. Offered two guest lectures: (1) Cardiovascular Health in Asian Americans, and (2) Metabolic Syndrome and Renal Disease. This trip was fully supported by the Japan organization.
18. **May 7-10, 2015** – The Arteriosclerosis, Thrombosis, and Vascular Biology/Peripheral Vascular Disease 2015 Scientific Sessions, San Francisco, California, US. Paper presented: The impact of glucose-lowering therapy and lifestyle-related factors on vascular disease risk reduction in younger and older adults: national Trend and New Evidence from Big Data.
19. **April 10-12, 2015** – Conference on Environmental Pollution and Public Health (EPPH 2015), Beijing, China. Invited keynote speaker, presented 'Multilevel Modeling of Climate Change: Air Pollution and Risk of Coronary Heart Disease, Stroke and Diabetes Mellitus: Spatial Disparity and Health Inequality'.
20. **Feb 10-13, 2015**, International Stroke Conference 2015, Nashville TN, – presented: Spatial Pattern and Ecologic Analysis of the Impact of Air Pollution on the Prevalence of Stroke, Coronary Heart Disease and Diabetes Mellitus, and Premature Death in the United States.

Year 2014

21. **Nov 5**, 2014, Guest lecture: Epidemiology of Heart Failure in the U.S. – presented at Jiangsu Institute of Planned Parenthood Research and Jiangsu Research Center for Reproductive Health in Human. Nanjing, China.
22. **Nov 2-4**, 2014, International Workshop on Energy and Environment: Challenges and Opportunities, held in Shanghai Advanced Research Institute, Chinese Academy of Sciences, Shanghai China. Presented paper: **Longjian Liu**: Climate Change, Air Pollution and Urban Health in China and in the United States.
23. **July 7-9**, 2014, Guest lecture: Challenge and Opportunity in Heart Failure Study, Shannxi 4th Military Medical University, Xi'an, Shannxi, China.
24. **June 26-27**, 2014, Shanghai, China, Environment, air pollution and urban health.
25. **May 6**, 2014, Public Health Poster Section of the College of Physicians of Philadelphia. Lili Lin, Xuan Yang, Xiaochen Zhang, Mingfei Zhao, Arthur Frank and **Longjian Liu** for the Drexel-SARI LCHC Study Group: The Impact of Air Pollution, Education and Healthcare System on Mortality and Life Expectancy in China: Drexel University School of Public Health – China Health Study
26. **March 18-21**, 2014 AHA Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism 2014 Scientific Sessions, at the Hilton San Francisco Union Square, SF California: Present paper, **Longjian Liu**: Cardiovascular Risk Inequality in Subjects with Chronic Kidney Disease by Age, Race and Ethnicity in the United States. **Circulation** 2014;129:AP300.

Year 2013

27. **Nov 16-20**, 2013 AHA Scientific Meeting, Dallas, American Heart Association 2013 Scientific Meeting: Post presentation, entitled: **Longjian Liu**, Yuan An, and Howard J Eisen: The Heart and Kidney Cross-Talk: A Significant Increasing Trend of Heart Failure Patients With Comorbid Acute Kidney Failure and Chronic Kidney Disease in the United States. **Circulation** 2013;128:A14041.
28. **Nov 1-6**, 2013 APHA Annual Meeting, Boston,
 - (1). **Moderator** for APHA Epidemiology Section's Special session: Expanding Frontiers in Understanding Cardiovascular Disease and Diabetes Mellitus Epidemiology and Prevention.
 - (2). **Paper presented, Longjian Liu**: Using Reduced Rank Regression to Identify Patterns of Diet and Serum Biomarkers of Obesity to Predict Risk of Cardiovascular Disease and All-Cause Mortality – A New Approach Applied in Epidemiology
29. **Sept 22-25**, 2013 HFSA Annual Meeting, Orlando, Florida, Heart Failure Society of America 17th Annual Scientific Meeting: **Longjian Liu** and Howard Eisen: Multilevel Analysis of Racial/Ethnic Differences and Associated Risk Factors for Heart Failure in Patients with Serious Influenza-Related Infections. 2013, *Journal Cardiac Failure*, 2013;19:S30.
30. **Sept 11**, 2013, Philadelphia, International Conference on Healthcare Informatics (ICHI 2013) Of IEEE (Institute of Electrical and Electronics Engineers): Invited Panel Discussion at International Workshop on Data Mining for Health Care: Predictive Modeling in Healthcare: Challenges, Realities, and Opportunities.

31. **July 15-17, 2013**, Philadelphia, 2nd International Conference and Exhibition on Nutritional Science & Therapy, presented paper, **Longjian Liu**: Diet and serum biomarkers of obesity relation to the risk of cardiovascular disease mortality.
32. **May 15-17, 2013**, Baltimore, MD, AHA Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2013 Scientific Sessions. Presented paper, **Longjian Liu**; Cathy Nguyen; Karen Ariola; Feng Feng Liu; Wei Zhao; Raghunandan Dudda Subramanya; Shelley Hankins and Howard J Eisen: Abstract 310: Action-Oriented Participatory Intervention and Outcomes in Patients with Heart Failure: Findings from the African American Heart Failure (Pilot) Study. *Circulation: Cardiovascular Quality and Outcomes*, 2013;6A130
33. **May 7, 2013**, CPP, Philadelphia, College of Physicians of Philadelphia Annual Public Health Sessions Sachin Walawalka and **Longjian Liu**: Cost of Endovascular Embolectomy versus Tissue Plasminogen Activator Treatment in Patients with Acute Ischemic Stroke.

Year 2012

34. **December 3-5, 2012**, Philadelphia, Double Tree, International Conference and Exhibition on Obesity & Weight Management, presented by **Longjian Liu**: Dietary intake, serum biomarkers of obesity and risk of cardiovascular mortality in a large prospective study of the US general population.
35. **September 19-22, 2012**, Washington, DC, AHA – High Blood Pressure Research 2012 Scientific Sessions, presented by **Longjian Liu** and Yuan An: The Epidemic of Hypertension Related Disease and Change Patterns of Leading Cause of Hospitalization in Patients with Comorbid Hypertension Among US Adults Aged 35 and Older.
36. **March 19-22, 2012**, New Orleans, the American Heart Association Council on Epidemiology and Prevention and Council on Nutrition, Physical Activity and Metabolism 2013 Scientific Sessions: Brett Victor, Lilian Ahedor, **Longjian Liu**, and Dean G Karalis: Combination Therapy not the Intensity of Statin Therapy Improves LDL Goal Attainment in Clinical Practice. *Circulation* 2012; 125:AP195.

Year 2011

37. **October 29- November 2, 2011**, Washington, DC, 139th APHA annual meeting, presented by Longjian Liu, Fuzhong Xue, Jixiang Ma, Marshal Ma, and Craig J. Newschaffer: Social-Biological Differences Across the Lifespan and Risk of Stroke Incidence: A Life Course epidemiology Analysis
38. **April, 19, 2011**, Drexel University Research Day, Philadelphia
 - (1) Shaum Kabadi and **Longjian Liu**: Serum 25-hydroxyvitamin D concentration and risk of metabolic syndrome and type 2 diabetes mellitus: Findings from NHANES 2005-2206.
 - (2) Pam Phojanakong and **Longjian Liu**: Association between serum C-reactive protein concentration and cardiovascular disease risk factors by race/ethnicity in the United States

Year 2010

39. **Sept 12, 2010**, HFSA, San Diego, Heart Failure Society of America 14th Annual Scientific Meeting: Paper presented by **Longjian Liu**, Shelley R Hankins, Robert A Watson, Perry J Weinstock, and Howard J Eisen on behalf of Cardiovascular Risk Reduction Research Group: Serum 25-Hydroxyvitamin D Concentration, Heart Failure Mortality, and Premature Death from All-cause Mortality in U.S. Adults. *Journal of Heart Failure* 2010 Supplement 2010, 16;(8).

40. **July 2010** APIC, New Orleans, Annual Educational Conference and International Meeting: Paper presented by Helen M. Miller-McDermott, **Longjian Liu** and Neil Fishman: The Effect of Increased Body Mass Index on the Risk of Surgical Site at APIC (Association for Professional in Infection Control and Epidemiology) Annual Educational Conference and International Meeting, New Orleans, LA. Published (in abstract form) in *Am J of Infection Control* 2010; 38(5):E145-146.
41. **June 16-19, 2010**, Beijing, China, World Congress of Cardiology Scientific Sessions, Paper presented, **Longjian Liu**: Micronutrients, Inflammatory Biomarkers and Risk of Cardiovascular Disease and All-cause Mortality in the United States: Implications for a Healthier Diet and Longevity at WCC Scientific Session 2010, Beijing, China. Published (in abstract form) in *Circulation* 2010 Vol. 122; (2):e70.
42. **March 14-16, 2010**, Atlanta, Georgia, American College of Cardiology 2010 Annual Scientific Meeting, Paper presented: Raghunandan Dudda Subramanya, Scott E. Hessen, **Longjian Liu**, Mark F. Victor, Dean G. Karalis; Achieving optimal lipid levels in patients with coronary artery disease in clinical practice. Published in *J. Am. Coll. Cardiol.* 2010;55;A51.E484.

Year 2009

43. **Nov 7-11, 2009**, Philadelphia, American Public Health Association 137th Annual Conf
 - (1) **Longjian Liu**, Jamilyah Gilliam, Kathleen Zitka, Charlotte Greenawal and Lisa Ulmer: Knowledge about health effects of sun exposure, and attitude and intention to screen for skin cancer: Findings from the Pennsylvania Cancer Education Network
 - (2) **Longjian Liu**, Raymond Lum, Kate Clark, Allen Glicksman and Xiaoyan Yin for Philadelphia Health and Longevity Research Network: Health Disparity in Social Connection, Diabetes Mellitus and Mortality among American White and African Americans aged 70 or older: An eight-year follow-up study. Philadelphia Convention Center, PA.
 - (3) **Longjian Liu** and Ana E. Núñez for Philadelphia Ujima: Mind-Spirit-Body Health Collaborative group: Health Disparity in Cardiometabolic Disorders and Association with Social Support among Minority Populations in Pennsylvania, Philadelphia Convention Center, PA
19. Nov 14-18, Orlando, Florida, American Heart Association 2009 Scientific Meetings,
 - (1). **Longjian Liu**, Howard J. Eisen, Dennis H. Sullivan, Alka Kanaya, Nicolas Rodondi, Suzanne Satterfield, Kim Sutton-Tyrrell and Tamara Harris for the Health ABC Study: Serum Leptin Concentration, Body Mass Index and Incident Heart Failure: the Health, Aging, and Body Composition Study. *Circulation* 2009;120:S399.
 - (2). **Longjian Liu** and Xiaoyan Yin: Vegetable and Fruit Consumption and Cognitive Function in Relation to Heart Disease and All-Cause Mortality among Older Adults: Findings from the National Second Longitudinal Study of Aging. *Circulation* 2009;120:S522 (in abstract form)
20. **May 20-23, 2009, Kyoto, Japan**, 17th Asian Pacific Congress of Cardiology, presented paper: **Longjian Liu**, Jana M Mossey and Howard J Eisen: Social connection disadvantage, cardiometabolic conditions and mortality among elderly Asian Americans, White and African Americans. **CVD Prevention and Control** (The Official Journal of the World Heart Federation), 2009;4:Suppl.1:S117-118.

Year 2008

21. **Nov 8-12, 2008**, New Orleans, LA, American Heart Association 2008 Scientific Meetings:
 - (1) **Longjian Liu**: A New Epidemic of Heart failure in the United States: Findings from the National Hospital Discharge Surveys, 1980-2006. *Circulation* 2008;118:S_1092.
 - (2) **Longjian Liu**, Jennifer A Nettleton, Alain G Bertoni, David A Bluemke, Joao A Lima, and Moyses Szklo: Dietary Pattern, Metabolic Syndrome and Left Ventricular Systolic Dysfunction – The Multi-Ethnic Study of Atherosclerosis. *Circulation* 2008;118S_1116.
 - (3) Mardea Caulcrick, Howard Eisen and **Longjian Liu**: Cardiometabolic Risk Factors and Cognitive Function among Different Racial/Ethnic Populations in the United States. *Circulation* 2008;118:S_759
22. **Oct 25-29, 2008**, San Diego, CA, American Public Health Association 136th Annual Meeting:
 - (1) **Longjian Liu** and Ana Nunez: Use of Health Care Services for Cardiometabolic Risk Reduction among People with Diabetes Mellitus by Race/Ethnic Groups in Pennsylvania.
 - (2) Evan G. Birnholz, **Longjian Liu** and Howard J Eisen: Association between adherence to treatment, clinical risk factors, and quality of life among congestive heart failure patients.
 - (3) Robert Ferdman, **Longjian Liu** and Sriya Krishnamoorthy: Disparities in Breast Cancer awareness and stage of diagnosis among women in Philadelphia.
23. **May 19, 2008**, Harrisburg, PA, invited speaking at Pennsylvania Public Health Institute: Epidemiological Perspectives on Screening for Colorectal Cancer and Using of Publicly Available Datasets
24. **March 13-15, 2008**, Colorado Springs, 4th American Heart Association Cardiovascular Disease Epidemiology and Prevention Annual Conference, Colorado Springs, USA. Paper presented: **Longjian Liu**: Prevalence, Comorbidity, and Outcomes in Hospitalized Patients with Heart Failure for White and African Americans: Implications and Benchmarks. Abstract Book - page 142.
25. **Jan 10, 2008**, Philadelphia – 2008 Sex and Gender Research Forum, paper presented: Mardea Caulcrick and Longjian Liu: Aging and gender differences in micronutrients, biomarkers of inflammatory factors and cognitive function among American white and minority populations. Abstract Book – page 26.

Year 2007

26. **Nov. 3 – 8, 2007**, Washington DC, 135th American Public Health Association Annual Meeting, **Longjian Liu**: Racial Disparities in Pre-clinical Cardiac Abnormality and its Associations with Diabetes Mellitus and Renal Insufficiency: Translation of Research into Policy.
27. **Sept 15-18, 2007**, FL. Lauderdale Florida, 2007 Annual Meeting of the American College of Epidemiology: **Longjian Liu** and Craig J. Newschaffer: Cardiometabolic Risk and Cognitive Function Decline in U.S. Elderly. *Annals of Epidemiology*, 2007;17:728.
28. **Feb 18, 2007**, invited speaker at Shiga University of Medical Science, **Shiga, Japan**, and presented paper, Prevalence of Left and Right Bundle Branch Block and its Associations with other Cardiovascular Disease Risk Factors: US-Japan Comparison.

Year 2006

29. **Nov 12-15**, 2006, Chicago, American Heart Association Scientific Sessions: **Longjian Liu** and Howard J Eisen: Ethnic/Racial Differences in prevalence of Congestive Heart Failure and their Relation to Serum Vitamin D Concentrations among American Elderly. *Circulation* 2006; (Supl II) 114(18):II-830.
30. **Nov 4-8**, 2006, Boston, 134th American Public Health Association Annual Meeting, papers were:
 - (1) **Longjian Liu**: Human Right to Health: Age and Racial/Ethnic Disparity in Anemia among the Elderly.
 - (2) Bianca Malcolm, **Longjian Liu**, Alison Evans, and Gang Chen: Determinants for spontaneous HBsAg seroclearance in persons infected with chronic hepatitis B.
31. **Oct 15-19**, 2006, Fukuoka, Japan, the 21st Scientific Meeting of the International Society of Hypertension. Presented (oral): **Longjian Liu**, Shunsaku Mizushima, Katsumi Ikeda, Yasuo Nara, Yukio Yamori: Gender differences of dietary biomarkers and its relation to blood pressure in 60 population samples of 25 countries. Abstract book, page 58.
32. **Sept 10-13**, 2006, Seattle, Washington. 10th Annual Scientific Meeting of Heart Failure Society of American. Paper presented: **Longjian Liu** and Howard J Eisen: Serum vitamin D concentration and congestive heart failure in the elderly. *Journal of Cardiac Failure* 2006;12(6-Sup 1):S90.
33. **May 3-6**, 2006, Chicago, American Geriatrics Society Annual Scientific Meeting. Paper presented: **Longjian Liu**, Ray Lum, Dennis Sullivan, Lisa Ulmer: Racial/ethnic differences in cardiovascular disease risk factors of dietary and serum concentrations of inflammatory biomarkers among American elderly. *Journal of American Geriatrics Society*, 2006;54:S169.
34. March 16, 2006, Drexel University Public Health Grand Rounds, Presented: **Longjian Liu**: Cardiovascular Disease Risk Factors – salt, the forgotten killer: findings from the WHO-Cardiovascular disease and alimentary comparison study. Center City, Hahnemann Campus, New College Building, 1st FL, Geary Aud, 245 N 15th, Philadelphia, PA.

Year 2005

35. **Oct. 27**, 2005, Philadelphia, Drexel Institute for Women's Health and Leadership - 2005 Annual Women's Health and Gender Research Forum: Paper presented, **Longjian Liu**: Salt Intake and Blood Pressure among Women.
36. **April 16-20**, 2005 at 96th Annual Meeting of American Association for Cancer Research, **Anaheim, Orange County, CA**. Paper presented: **Longjian Liu**, Yihong Zhou et al: The expression of VEGF, CDK4, PAX6, EGFR, IGFBP2, PTEN, MMP2 and P53 in patients with oligodendrogliomas: Relationship to 5-year mortality. *Proceedings of the American Association for Cancer Research*, 2005, 46:1149.

Year 2004

37. **Oct. 1-3**, 2004, Kyoto 2004 World Health Forum – the Nutrition Power of 'Genome Plus – from Japan to the World', Oct 2, 2004 Kyoto, Japan. **Longjian Liu**: Intelligence for Preventing Life Style Related Disease.
38. **May 15-18**, 2004, Portland, Ore, USA, the 11th International Symposium on the SHP and Cardiovascular Risk – Genomics to Disease Prevention. **Longjian Liu**: Obesity, Emerging Risk in China: Trend of Increased Body Weight and Risk of Hypertension and Hypercholesterolemia in the Chinese Population.

39. **Nov. 18-21**, 2004, Toronto, Canada. The Ninth Annual Meeting of the Society for Neuro-Oncology. Presented: **Longjian Liu**, Yihong Zhou: Review and meta-analysis of glutathione s-transferase polymorphisms and the risk of brain tumors. *J of Neuro-Oncology*, 2004; 6(4):328.

Year 2003

40. **Nov 21-25**, 2003, San Diego Convention Center, San Diego, California, the 56th Annual Scientific Meeting of the Gerontology Society of America. Paper presented: **Longjian Liu**, Dennis H. Sullivan: Association between body mass index at age 25 and late-life metabolic disorders. *The Gerontologist*, 2003;43(1):531.
41. **May, 14-18**, 2003, Baltimore, 2003 Annual Scientific Meeting of American Geriatrics Society. Paper presented: **Longjian Liu**, Melinda M. Bopp, Dennis H. Sullivan: Weight change and 5-year mortality: a prospective study of frail older patients. *J of American Geriatrics Society*, 2003;51 (Supplement 4):S185-186.

Year 2002

42. **Nov 22-26**, 2002, Boston Marriott and Westin Copley Place, Boston, Massachusetts, the 55th Annual Scientific Meeting of the Gerontological Society of America. Paper presented: **Longjian Liu**, Dennis H. Sullivan: Impact of Social Demographic Factors on Survival of Elderly Patients within One Year of Hospital Discharge.
43. **May 10-11**, 2002, Washington, DC. 2002 Annual Scientific Meeting of American Geriatrics Society. Paper presented: **Longjian Liu**, Melinda M. Bopp, Dennis H. Sullivan: Under-nutrition and risk of mortality among elderly patients within one year of hospital discharge. *J of American Geriatrics Society*, 2002;50 (Supplement 4):160.
44. **Mar 9-14**, 2002, Taos, New Mexico, Keystone Symposia: Stroke-Molecular, Cellular, Pharmacological and Development of New Therapeutics. Paper was presented: **Longjian Liu**, Melinda M. Bopp, Dennis H. Sullivan: Protein-energy under-nutrition, co-morbidity status and post-hospital mortality among stroke patients: results from Little Rock Elderly Health Study. Abstract Book p59.

Textbook and Book Chapters

1. **Longjian Liu**: Heart Failure – Epidemiology and Research Methods. 1st Edition, ISBN: 978-0-323-48558-6, 2018, Elsevier.
2. **Longjian Liu**, Craig J Newschaffer and Julianne Nelson: Chapter 15 Cardiovascular Disease. In Patrick L Remington, Ross C. Brownson and Mark V. Wegner, eds. <<Chronic Disease Epidemiology, Prevention, and Control>>, 4th edition, American Public Health Association, Washington DC, USA, Nov. 2016:673-742.
3. Craig J. Newschaffer, **Longjian Liu** and Alan Sim: Chapter 13: Cardiovascular Disease. In Patrick L Remington, Ross C. Brownson and Mark V. Wegner, eds. <<Chronic Disease Epidemiology, Prevention and Control>>, 3rd edition, American Public Health Association, Washington DC, USA, 2010:383-428.
4. **Longjian Liu**: Relative Risk and Attributable Risk. In Xu TH and Tan KC , eds. <<Encyclopedias of Chinese Medical Statistics>>, People’s Health Press, Beijing, China, 2004:36-44.
5. Tang Xiaojun **and Longjian Liu**. Chapter 14: Health Care System and Health. In: Geng QR, ed. <<Social Medicine>>, Chengdu Scientific Press, Chengdu, China, 1996:118-125.

6. Zhou DaiSen, Huo Jiasheng, **Longjian Liu**. Chapter 6: Psychological analysis of personal need and behaviour. In: Zhou DS and Zhou YJ, eds. <<Introduction of Health Administration>>, Chengdu Scientific Press, Chengdu, China 1996:50-55.
7. **Longjian Liu**. Chapter 11: Administration of Family Planning. In: Zhang CP and Wang XQ, eds. <<Health Administration>>, Chongqing Press, Chongqing, China 1992:15-227.
8. Xiao ZhengYu and **Longjian Liu**. Chapter 3: Methods of Sampling Survey. In: Xiao ZY, ed. <<Applied Statistics of Family Planning >>, Maternity and Press of North, China 1989:49-86.