

Curriculum Vitae of

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EDUCATION AND DEGREES

- June 2001 Geriatrics Research Fellowship, Department of Geriatrics, the University of Arkansas for Medical Science, Little Rock, AR, USA
Advisor: Dennis H Sullivan, M.D.
- Dec. 1998 Ph.D., in Epidemiology, Faculty of Medicine, University of Hong Kong, Hong Kong
Advisors: Tai-Hing Lam, M.D., Anthony J Hedley, M.D.; Edward D Janus, M.D.
- Nov. 1993 Master's Degree of Science (MSc) in Epidemiology, the University of London
School of Hygiene and Tropical Medicine, London, UK
Advisors: Pat Doyle, Ph.D., Paul McKeigue, M.B, Ph.D.
- July 1993 Certificate of Cardiovascular Disease and Diabetes Mellitus Epidemiology, Institute of Public Health, Cambridge University, UK
- July 1987 Postgraduate diploma in Medical Statistics, Department of Biostatistics, School of Public Health, Beijing Medical University, Beijing, China
- Dec. 1982 Bachelor's Degree of Medicine, Shanxi Medical University, Taiyuan, China

PROFESSIONAL EXPERIENCE:

- July 2005 - Associate Professor (primary appointment), Department of Epidemiology and Biostatistics, Drexel University School of Public Health (SPH); Research Scientist (adjunct appointment), SPH Center for Health Equality; and Research Associate Professor of Medicine (adjunct appointment, since Aug, 2006), Department of Medicine, Drexel University College of Medicine, Philadelphia, PA

- Sep. 2001 Assistant Professor, Department of Epidemiology, University of Arkansas for Medical Sciences (UAMS) College of Public Health (COPH), Little Rock, USA
- Jun. 2001 M.D. Research Scientist (WOC), Geriatrics Research, Education, and Clinical Center, Central Arkansas Veterans Healthcare System, and Donald W. Reynolds Department of Geriatrics, UAMS, Little Rock, USA
- Jun. 2001 M.D. Postdoctoral Research Associate fellow, Donald W. Reynolds Department of Geriatrics, Departments of Toxicology & Pharmacology, and Neurobiology & Development Sciences, College of Medicine, UAMS, Little Rock, Arkansas
- Jan. 1999 Assistant Professor, Department of International Preventive Nutritional Medicine, Kyoto University, and Assistant to Director (Yukio Yamori, M.D., Ph.D.) at the World Health Organization Collaborating Centre for Research on Primary Prevention of Cardiovascular Diseases, Kyoto, Japan
- Feb. 1998 JSPS senior research fellow, at Department of Health Sciences of Shiga University of Medical Sciences, Shiga, Japan, (JSPS: Japan Society for the Promotion of Science, Ministry of Education, Japan)
- Nov. 1993 Associate Professor, Preventive Medicine Physician and Associate Director, Department of Epidemiology, Chongqing Medical University (former Chongqing University of Medical Sciences), Chongqing, China
- Oct. 1987 Lecturer, and Preventive Medicine Physician, Department of Preventive Medicine, Chongqing Medical University
- Jan. 1983 Faculty member and Preventive Medicine Physician, Department of Epidemiology of Shanxi Medical University (former Shanxi Medical College), Taiyuan, China

TEACHING EXPERIENCE BY COURSES

Preventive Medicine (for M.D. students)
 Epidemiology (for M.D. and MPH students)
 Applied Biostatistics in Epidemiology
 Cardiovascular Disease Epidemiology
 Medical Demography and Family Planning Statistics
 Biostatistics for Clinical Laboratory Sciences
 Descriptive Epidemiology and Biostatistics
 Analytical Epidemiology and Biostatistics
 Epidemiology for Public Health Practice

ONLINE TEASCHING EXPEREICNE

Descriptive Epidemiology and Biostatistics (via Blackboard at Drexel SPH)
Analytical Epidemiology and Biostatistics (via Blackboard at Drexel SPH)
Introduction to Epidemiology (via Web CT at UAMS COPH)

PROFESSIONAL MEMBERSHIPS

Chinese Preventive Medicine Association
American Geriatrics Society
Fellow of American Heart Association (FAHA)
International Epidemiology Association
American Public Health Association
Asian Pacific Islander Caucus of American Public Health Association
North American Association for the Study of Obesity (NAASO)
Pennsylvania Public Health Association
Delaware Valley Alzheimer's Disease Association Asian Advisory Committee
Institute for Diabetes, Obesity & Metabolism, University of Pennsylvania
National Society of Medical Scientist-Chinese American Association

EDITORIAL BOARD AND REVIEWS

Mar. 2009 Review Panel on NIH Research Proposals (Global Health Section)
Mar. 2008 Review Panel on NIH Reviewer for Research Proposals (CVD Section)
Jan. 2006 Reviewer for CDC National Center for Health Statistics – Health & Aging Website
Nov. 2005 Advisor for the World Health Organization STEPwise Surveillance Manual: The
 WHO STEPwise Approach to Chronic Disease Risk Factor Surveillance
Jan. 2000 Editorial Board of Public Health/Epidemiology for Asian Pacific Journal of Cancer
 Prevention (IARC publishing group, France)
Jan. 1997 Editorial Board of Encyclopedias of Chinese Medical Statistics (China National
 Press)

REVIEW FOR 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 Epidemiology
 International Journal of Cardiology

RESEARCH EXPERIENCE

Cardiovascular disease and diabetes epidemiology, ageing, nutrition, health service research and program evaluations

KEYWORDS

Preventive medicine, nutrition, biomarkers, cardiovascular disease, diabetes, international health, and Health service evaluation

SELECTED PUBLICATIONS

1. **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.
2. 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.
3. **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.
4. **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.
5. 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.
6. **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.
7. **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. *Hypertens Res*, 2000;23:413-420.
8. 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. *Hypertens Res* 2000; 23:285-289.
9. **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.
10. 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.
11. 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.

12. 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.
13. **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.
14. 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.
15. **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.
16. 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.
17. **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.
18. 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.
19. **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.
20. 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.
21. **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.
22. **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.
23. **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 Epidemiology* 2003;13(4):203-210.

24. **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.
25. 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.
26. **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(Supp. 2)S8-S10.
27. 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.
28. **Longjian Liu** and Yukio Yamori for the CARDIAC Study Group: Gender Differences of Cardiovascular Disease as a Clue for Healthier Ageing: Asian Food. United Nations, Educational, Scientific and Cultural Organization (UNESCO) Symposium Proceedings, Page 81-87, Oct, 2005.
29. 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.
30. **Longjian Liu** and Howard J Eisen: Ethnical/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.
31. **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.
32. **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
33. **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
34. 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
35. 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
36. **Longjian Liu**, Tomonori Okamura and Hirotsugu Ueshima et al.: Bundle branch block and other cardiovascular disease risk factors: US-Japan comparison. International J of Cardiology in press, 2009.
37. **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 (in press), 2009
38. **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 (in press), 2009