

## CURRICULUM VITAE

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### Education History

1993 M.D. TianJin Medical University  
1996 M.Sc. Chinese Academy of Preventive Medicine  
2001 Ph.D. Tufts University

### Academic Appointments

2001-03 Research Associate in Nutritional Epidemiology, Harvard School of Public Health, Boston, MA  
2003- Instructor in Nutritional Epidemiology, Harvard School of Public Health, Boston, MA  
2005-date Tenure-Track Investigator, National Institute of Environmental Health Sciences, Research Triangle Park, North Carolina

### Other Professional Positions and Major Visiting Appointments

1992 Intern in Medicine, HuanHu Hospital, TianJin, P.R. China  
1999-00 Visiting Fellow in Cancer Epidemiology, National Cancer Institute, Bethesda, MD

### Relevant Teaching Experience

2001-2003	Invited lecturer on “Nutritional Epidemiology”, Tufts University
2002	Invited lecturer on “Design of Epidemiologic Studies for Nutrition Research”, Tufts University
2003-2005	Invited lecture on “Nutritional Epidemiology”, Harvard School of Public Health
2003	Tutor on “Clinical Epidemiology”, Harvard Medical School

### **Awards and Honors**

1988-93	Scholarship Award for Outstanding Students (TianJin Medical University)
1990	Wang K-CH Metropolitan Scholarship Award (Advanced Education Committee of TianJin)
1996	Excellent Thesis Award (Chinese Academy of Preventive Medicine)
1996-00	Scholarship Award (Tufts University)
1999-00	Visiting Fellowship Award (National Cancer Institute)
2002-03	National Research Service Award (National Institutes of Health)

### **Professional Societies**

Society for Epidemiologic Research

Movement Disorders Society

American College of Nutrition

### **Grants**

2002-04	Michael J. Fox Foundation for Parkinson’s Research	Co-Investigator	Prospective study of non-steroidal anti-inflammatory drugs and risk of Parkinson’s disease
2003-04	NIH RO1	Co-Investigator	Prospective epidemiological study of ALS
2004-05*	NIH KO8	Principal Investigator	Diet, gene-diet interactions and risk of Parkinson’s
2005-10	NIH RO1	Co-Investigator	NSAIDs, inflammation and Parkinson’s disease

2005-09      NIH RO1      Consultant      Prospective study of ALS: Pooling project

\* Terminated because of my new position at NIH does not allow me to have extramural grant as PI.

### **Invited Presentations**

Harvard School of Public Health, July 10, 2006. Boston, MA, USA: "Epidemiology of Parkinson's disease: contributions from prospective studies"

Harvard School of Public Health, October 31, 2005. Boston, MA, USA: "Dairy consumption and risk of Parkinson's disease"

Harvard School of Public Health, March 15, 2004, Boston, MA, USA: "Diet and Parkinson's disease"

International Forum on the New Approaches to Understand Neuropsychological Diseases, September 3, 2004, Shanghai, China: "Environmental and genetic risk factors for Parkinson's disease"

International Symposium on Parkinson's disease, September 4-7, 2004, Beijing, China: "Obesity and the risk of Parkinson's disease"

45<sup>th</sup> Annual Meeting of the American College of Nutrition, September 30–October 3, 2004, Long Beach, CA, USA: "Diet, Lifestyles, and Risk of Parkinson's Disease"

Parkinson Institute, November 15, 2004, Sunnyvale, CA, USA: "Risk factors for Parkinson's disease: Findings from the Health Professionals Follow-up Study and the Nurses' Health Study"

### **Reviewer for Journals:**

Lancet, British Medical Journal, Annals of Neurology, Neurology, Movement Disorders, Neurotoxicology, Expert Review of Neurotherapeutics, American Journal of Epidemiology, Epidemiology, The Journal of Nutrition, Health and Aging, Journal of American College of Nutrition

### **Grant Review**

Parkinson's Disease Society

The Wellcome Trust

### **Bibliography**

### **Original Contributions**

1. **Chen H**, Ge KY, Wang EL, Jia FM, Jiao RH, Wang YY: The validation of conjunctival impression cytology to detect vitamin A deficiency. *Hygiene Res* 25(Suppl): 126-132, 1996.
2. Tucker KL, Hannan MT, **Chen H**, Cupples LA, Wilson PWF, Kiel D: Potassium, magnesium, and fruit and vegetable intakes are associated with greater bone mineral density in older men and women. *Am J Clin Nutr* 69(4): 727-36, 1999.
3. Tucker KL, **Chen H**, Vogel S, Wilson PWF, Schaefer EJ, and Lammi-Keefe CJ: Carotenoid intakes, assessed by dietary questionnaire, are associated with plasma carotenoid concentrations in an elderly population. *J Nutr* 129: 438-445, 1999.
4. Booth SL, Tucker KL, **Chen H**, Hannan MT, Gagnon DR, Cupples LA, Wilson PWF, Ordovas J, Schaefer EJ, Dawson-Hughes B, Kiel DP: Dietary vitamin K intakes are associated with hip fracture but not with bone mineral density in elderly men and women. *Am J Clin Nutr* 71(5): 1201-1208, 2000.
5. **Chen H**, Burmudez OI, Tucker KL: Waist circumference and weight change are associated with disability among elder Hispanics. *J Gerontol A Biol Sci Med Sci* 57 (1): M19-M25, 2002
6. **Chen H**, Ward MH, Graubard BI, Heineman EF, Markin RS, Potischman NA, Russell RM, Weisenburger DD, Tucker KL: Dietary patterns and risk of adenocarcinoma of the esophagus and distal stomach. *Am J Clin Nutr* 75(1): 137-44, 2002
7. Tucker KL, **Chen H**, Hannan MT, Cupples LA, Wilson PWF, Felson D, Kiel D: Dietary patterns are associated with bone mineral density in elderly men and women: the Framingham Osteoporosis Study. *Am J Clin Nutr* 76(1): 245-52, 2002.
8. **Chen H**, Tucker KL, Graubard BI, Heineman EF, Markin RS, Potischman NA, Russell RM, Weisenburger DD, Ward MH: Nutrient intakes and adenocarcinoma of the esophagus and distal stomach. *Nutr Cancer* 42(1): 33-40, 2002
9. **Chen H**, Ward MH, Tucker KL, Graubard BI, McComb RD, Potischman NA, Weisenburger DD, Heineman EF: Diet and risk of adult glioma in eastern Nebraska. *Cancer Causes Control* 13: 647-655, 2002
10. Zhang SM, Hernán MA, **Chen H**, Spiegelman D, Willett WC, Ascherio A: Intakes of vitamins E and C, carotenoids, vitamin supplements, and PD risk. *Neurology* 59(8): 1161-1169, 2002

11. **Chen H**, Zhang SM, Hernán MA, Willett WC, Ascherio A: Diet and Parkinson's disease: a potential role of dairy products in men. *Ann Neurol* 52: 793-801, 2002
12. **Chen H**, Zhang SM, Hernán MA, Willett WC, Ascherio A: Weight loss in Parkinson's disease. *Ann Neurol* 53(5): 676-9, 2003
13. **Chen H**, Miller BA, Giovannucci E, Hayes RB: Height and the survival of prostate cancer patients. *Cancer Epidemiol Biomarkers Prev* 12: 215-8, 2003
14. Ascherio A, **Chen H**, Schwarzschild MA, Zhang SM, Colditz GA, Speizer FE, Willett WC: Caffeine, postmenopausal estrogen, and risk of Parkinson's disease. *Neurology* 60(5): 790-5, 2003
15. **Chen H**, Zhang SM, Hernán MA, Willett WC, Ascherio A: Dietary intakes of fat and risk of Parkinson's disease. *Am J Epidemiol* 157(11):1007-14, 2003
16. Weisskopf MG, **Chen H**, Schwarzschild MA, Ichiro Kawachi, Ascherio A: Prospective study of anxiety and risk of Parkinson's disease. *Mov Disord* 18(6):646-51, 2003
17. **Chen H**, Zhang SM, Hernán MA, Schwarzschild MA, Willett WC, Colditz GA, Speizer FE, Ascherio A: Nonsteroidal anti-inflammatory drugs and the risk of Parkinson's disease. *Arch Neurol* 60: 1059-64, 2003
18. Hernán MA, **Chen H**, Schwarzschild MA, Ascherio A: Alcohol consumption and the incidence of Parkinson's disease *Ann Neurol* 54 (2): 170-175, 2003
19. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Willett WC, Ascherio A: Obesity and risk of Parkinson's disease. *Am J Epidemiol* 159: 547-55, 2004
20. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Logroscino G, Willett WC, Ascherio A: Folate intake and risk of Parkinson's disease, *Am J Epidemiol* 160: 368-75, 2004
21. Zhang J, Song YQ, **Chen H**, Fan D: The tau gene haplopyte H1 confers a susceptibility to Parkinson's disease. *Euro Neurol* 53(1):15-21, 2005
22. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Ascherio A: Physical activity and the risk of PD. *Neurology* 64 (4): 664-9, 2005
23. **Chen H**, Jacobs E, Schwarzschild MA, McCullough ML, Calle EE, Thun MJ, Ascherio A: Non-steroidal inflammatory drugs and risk of Parkinson's disease in a large cohort of US men and women *Ann Neurol* 58 (6) 963-967, 2005
24. Jiang B, Wang W, **Chen H**, Hong Z, Yang Q; Wu S, Du X, Bao Q: Incidence and trends of stroke and its subtypes in China: results from three large cities. *Stroke* 37(1):63-8, 2006

25. **Chen H**, Schernhammer E, Schwarzschild MA, Ascherio A: A prospective study of night shift work, sleep duration, and risk of Parkinson's disease. *Am J Epidemiol* 163(8):726-30, 2006
26. Schernhammer E, **Chen H**, Ritz B: Circulating melatonin: A possible link between Parkinson's disease and cancer risk *Cancer Causes Control* 17(4):577-82, 2006.
27. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Ascherio A: Survival of Parkinson's disease patients in a large prospective cohort of male health professionals. *Mov Disord* 21(7): 1002-7, 2006
28. Logroscino G, **Chen H**, Wing AI, Ascherio A: Blood donations, iron stores and risk of Parkinson's disease *Mov Disord* 21(6):835-8, 2006
29. Ascherio A, **Chen H**, Weisskopf MC, O'Reilly E, McCullough ML, Calle EE, Schwarzschild MA, Thun MJ: Pesticide exposure and risk of Parkinson's disease. *Ann Neurol.* 60 (2): 197-203, 2006

#### **B: Reviews**

1. **Chen H** and Ge KY: Update of the methods to detect vitamin A deficiency. *J Int Med: Hyg Sect* 24(2): 106-109. 1997
2. Ascherio A and **Chen H**: Caffeinated clues from epidemiology of Parkinson's disease *Neurology* 61 (Suppl 6): S51-S54, 2003