

CURRICULUM VITAE

Name: Honglei Chen
Office Address: 111 T.W. Alexander Dr. Building 101 Mail drop A3-05, Research Triangle Park, North Carolina, 27709
Phone: (919) 541-3782 (Work)
Email: chenh2@niehs.nih.gov
Fax: (919) 541-2511

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
2003-05 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
2011-date Adjunct Associate Professor at University of North Carolina, Chapel Hill

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 lectures on “Nutritional Epidemiology”, Tufts University
- 2002 Invited lecture on “Design of Epidemiologic Studies for Nutrition Research”, Tufts University
- 2003-2005 Invited lectures on “Nutritional Epidemiology”, Harvard School of Public Health
- 2003 Tutor on “Clinical Epidemiology”, Harvard Medical School
- 2007-08 Invited lectures on “Environmental Epidemiology”, University of North Carolina, Chapel Hill

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
- American Academy of Neurology
- American College of Nutrition (past)
- Movement Disorders Society (past)

Extramural Grants

- | | | | | |
|----------|---------------------------|------------------------|--|-----------|
| 2002-04 | Michael J. Fox Foundation | Co-Investigator | Prospective study of non-steroidal anti-inflammatory drugs and risk of Parkinson’s disease | \$557,837 |
| 2003-04 | NIH RO1 | Co-Investigator | Prospective epidemiological study of ALS | \$615,600 |
| 2004-05* | NIH KO8 | Principal Investigator | Diet, gene-diet interactions and risk of Parkinson’s | \$122,647 |

2005-10	NIH RO1	Co-Investigator	NSAIDs, inflammation and Parkinson's disease	\$2,091,766
2006-11	NIH RO1	Consultant	Prospective study of ALS: Pooling project	\$1,497,423
2009-10	Parkinson Study Group	Co-Principal Investigator	Plasma cholesterol and the progression of Parkinson's disease	\$12,000

* Terminated when I took the NIH intramural position, cost for the year of 2004 only.

NIH Intramural Grants*

2007-	NIH-ZO1	Principal Investigator	The Parkinson's Gene and Environment Study	\$1,429,377
2009-	NIH-ZO1	Principal Investigator	The Shanghai Parkinson Study	\$658,179
2009-	NIH-ZO1	Principal Investigator	Parkinson Research in the Arthrosclerosis Risks in Community Study	\$393,070

* Cost for data collection only.

Invited Presentations

International Congress on Neurology and Epidemiology, November 8-10, 2012, Nice, France:

“Updates of Parkinson's Epidemiology” (committed talk)

Pennington Biomedical Research Center, Baton Rouge, Louisiana, April 2012 “Environmental Epidemiology of Parkinson's disease” (committed talk)

Chinese Academy of Medical Sciences and Peking Union Hospital, December 29, 2011, “Risk factors for Parkinson's disease: beyond SNCA / MAPT and smoking/caffeine”

Chinese University of Hong Kong, School of Public Health and Primary Care, December 21, 2011: “The Epidemiology of Parkinson's Disease”

XIX World Congress on Parkinson's Disease and Related Disorders, December 14, 2011, Shanghai China: “Inflammation, NSAIDs use and Parkinson's disease”

XIX World Congress on Parkinson's Disease and Related Disorders, December 12, 2011, Shanghai China: “What about Braak”

National Cancer Institute, November 30, 2011 “Parkinson research in the NIH-AARP Diet and Health cohort”

Grand Round Seminar, Department of Neurology, Pennsylvania State University-Milton S. Hershey Medical Center, Hershey PA, September 16, 2011 “The Changing Landscape of Parkinson Epidemiology”

International Forum of Neurodegenerative Disease, Fu-Dan University Affiliated Hua-Shan Hospital, Shanghai, June 20, 2010: “Risk Factors for Parkinson’s disease: What Did We Learn in the Past Decade”

NIEHS Centers for Neurodegeneration Science Annual Meeting, October 8-9, 2009, RTP, NC, USA: “The Parkinson’s Genes and Environment (PAGE) Study.”

The First International Congress on Clinical Neurology and Epidemiology, August 27-30, 2009, Munich, Germany: “Epidemiology of Parkinson's disease: new data and new methods”

National Institute of Environmental Health Sciences, April 7, 2009, RTP, NC, USA: “Parkinson's Disease: Etiology, Clinical and Disability Management”

Institute for Nutritional Science, Chinese Academy of Sciences, June 3, 2008, Shanghai China: “Role of Diet in Parkinson’s Disease Development”

Shanghai Huashan Hospital, May 29, 2008, Shanghai, China: “Parkinson’s Disease: Gene and Environment”

Vanderbilt University, November 9, 2007, Nashville TN, USA: “Parkinson Epidemiology: Recent Progress and Research Opportunities”

The Fourth Annual Parkinson’s Progress in 2007 Conference: September 28, 2007, Omaha, NE, USA: “Environmental Epidemiology of Parkinson's Disease”

The Fourth Annual Parkinson’s Progress in 2007 Conference: September 28, 2007, Omaha, NE, USA: “Potential Environmental Contributors to Parkinson's Disease”

Consensus Meeting on Environment and Parkinson’s Disease: June 26-28, 2007, Sunnyvale, CA, USA: “Diet and Parkinson’s disease”

Routable Meeting on Exercise and Parkinson’s Disease: University of Pittsburgh, June 18, 2007, Pittsburgh, PA, USA: “Exercise and Parkinson’s disease – Epidemiological findings”

North Carolina State University, March 20, 2007, Raleigh, NC: “Parkinson’s disease: Is environment still relevant”.

Annual Conference on Rodent Genetics (Session Mediator): National Institute of Environmental Health Sciences, September 26, 2006, RTP, NC, USA: “Gene-Environment Interactions in Parkinson's Disease”

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”

45th 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 • PLOS One • Annals of Neurology • Neurology • Achieves of Neurology • Movement Disorders • Journal of Neurology, Neurosurgery & Psychiatry • Parkinsonisms and Related Disorders • Brain Behavior and Immunity • European Journal of Neurology • Neurotoxicology • Expert Review of Neurotherapeutics • Brain Research • Environmental Health Perspectives • American Journal of Epidemiology • Epidemiology • Neuroepidemiology • American Journal of Clinical Nutrition • The Journal of Nutrition • British Journal of Nutrition • Health and Aging • Journal of American College of Nutrition • Journal of American Geriatric Society • Cancer Research • Cancer Causes and Control • Drugs & Aging • American Journal of Physical Medicine & Rehabilitation

Journal Editorial Boards

2009- International Journal of Molecular Epidemiology and Genetics

2010- American Journal of Epidemiology

Grant Reviews

National Institutes of Health Study Section: Neurological, Aging and Musculoskeletal
Epidemiology

Parkinson's Disease Society, United Kingdom

The Wellcome Trust

Center for Environmental Health and Susceptibility, University of North Carolina, School of
Public Health

The Prinses Beatrix Fonds, Netherlands

Other Professional Services

Expert Panel on Global Burden of Diseases, Gates Foundation / World Health Organization
Scientific Committee, International Congress on Neurology and Epidemiology, Nov 8-10,
2012, Nice, France

Co-Chair, "Parkinson's disease and other movement disorders - Epidemiology and
Management Part 1 and Part 2. The First International Congress on Clinical Neurology
and Epidemiology, August 27-30, 2009, Munich, Germany

Scientific Committee, The First International Congress on Clinical Neurology and
Epidemiology, August 27-30, 2009, Munich, Germany

Scientific Committee, Wuhan International Conference on the Environment & the 2009
Annual Meeting of Chinese Society for Environmental Sciences, June 2009

National Institute of Environmental Health Sciences/National Toxicology Program Scientific
Review Group

DIR Committee for Distinguished lecturers and Scientific Conferences, National Institute of
Environmental Health Sciences

Sister Study Steering Committee, National Institute of Environmental Health Sciences

Judge, Fellow Awards for Research Excellence, National Institutes of Health

Mentoring:

Name	Position	Years	Current Position
Dr. Qun Xu	Visiting Fellow	2007-2009	Professor, Chinese Academy of Medicine and Beijing Union Medical University
Dr. Jianjun Gao	Visiting Fellow	2008-	
Dr. Rui Liu	IRTA Fellow	2010-	
Jessica Rinsky	Summer student	2010. 5-8	Ph.D. student, University of North Carolina at Chapel Hill
Edward Zhao	Special Volunteer	2010. 9-	Student, Panther Creek High School

Patent:

Payami H, Hamza T, Factor S, Nutt J, **Chen H**, and Zabetian C: Provisional US patent # PCT/US2011/000702: Method of Identifying and Treating a Patient having a predisposition to or afflicted with Parkinson disease

Bibliography**A. Peer-Reviewed 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 elderly men and women. *Am J Clin Nutr* 69(4): 727-36, 1999.
3. Tucker KL, **Chen H**, Vogel S, Wilson PW, 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(2): 438-45, 1999.
4. Booth SL, Tucker KL, **Chen H**, Hannan MT, Gagnon DR, Cupples LA, Wilson PW, 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): 1201-8, 2000.
5. **Chen H**, Bermudez OI, Tucker KL: Waist circumference and weight change are associated with disability among elderly Hispanics. *J Gerontol A Biol Sci Med Sci* 57 (1): M19-25, 2002
 6. **Chen H**, Ward MH, Graubard BI, Heineman EF, Markin RM, Potischman NA, Russell RM, Weisenburger DD, Tucker KL: Dietary patterns and adenocarcinoma of the esophagus and distal stomach. *Am J Clin Nutr* 75(1): 137-44, 2002 (with editorial and press release)
 7. Tucker KL, **Chen H**, Hannan MT, Cupples LA, Wilson PW, Felson D, Kiel DP: Bone mineral density and dietary patterns in older adults: 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, United States. *Cancer Causes Control* 13(7): 647-55, 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): 1161-9, 2002 (with editorial)
 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(6): 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(3): 215-8, 2003
 14. Ascherio A, **Chen H**, Schwarzschild MA, Zhang SM, Colditz GA, Speizer FE: 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, Kawachi I, Ascherio A: Prospective study of phobic 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 disease. *Arch Neurol* 60: 1059-64, 2003 (with editorial and press release)
18. Hernán MA, **Chen H**, Schwarzschild MA, Ascherio A: Alcohol consumption and the incidence of Parkinson's disease *Ann Neurol* 54 (2): 170-5, 2003
19. **Chen H**, Zhang SM, Schwarzschild MA, Hernán MA, Willett WC, Ascherio A: Obesity and the risk of Parkinson's disease. *Am J Epidemiol* 159(6): 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(4): 368-75, 2004
21. Zhang J, Song YQ, **Chen H**, Fan D: The tau gene haplotype 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 Parkinson's disease. *Neurology* 64 (4): 664-9, 2005 (journal highlight)
23. **Chen H**, Jacobs E, Schwarzschild MA, McCullough ML, Calle EE, Thun MJ, Ascherio A: Nonsteroidal antiinflammatory drug use and the risk for Parkinson's disease. *Ann Neurol* 58 (6) 963-7, 2005
24. Jiang B, Wang WZ, **Chen H**, Hong Z, Yang QD, Wu SP, Du XL, Bao QJ: 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. **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
27. Logroscino G, **Chen H**, Wing A, Ascherio A: Blood donations, iron stores, and risk of Parkinson's disease. *Mov Disord* 21(6):835-8, 2006

28. Ascherio A, **Chen H**, Weisskopf MG, O'Reilly E, McCullough ML, Calle EE, Schwarzschild MA, Thun MJ: Pesticide exposure and risk for Parkinson's disease. *Ann Neurol*. 60 (2): 197-203, 2006
29. Huang X, **Chen H**, Miller WC, Mailman RB, Woodard JL, Chen PC, Xiang D, Murrow RW, Wang YZ, Poole C: Lower low-density lipoprotein cholesterol levels are associated with Parkinson's disease. *Mov Disord* 22(3):377-81, 2007
30. Thacker EL, O'Reilly EJ, Weisskopf MG, **Chen H**, Schwarzschild MA, McCullough ML, Calle EE, Thun MJ, Ascherio A: Temporal relationship between cigarette smoking and risk of Parkinson disease. *Neurology* 68(10): 764-8, 2007
31. **Chen H**, O'Reilly E, McCullough ML, Rodriguez C, Schwarzschild MA, Calle EE, Thun MJ, Ascherio A: Consumption of dairy products and risk of Parkinson's disease. *Am J Epidemiol* 165(9):998-1006, 2007
32. Kan H, London SJ, **Chen H**, Song G, Chen G, Jiang L, Zhao N, Zhang Y, Chen B: Diurnal temperature range and daily mortality in Shanghai, China. *Environmental Research* 103(3):424-31, 2007
33. **Chen H**, Richard M, Sandler DP, Umbach DM, Kamel F: Head injury and amyotrophic lateral sclerosis. *Am J Epidemiol* 166(7):810-6, 2007
34. Weisskopf MG, O'Reilly E, **Chen H**, Schwarzschild MA, Ascherio A: Plasma urate and risk of Parkinson's disease. *Am J Epidemiol* 166(5):561-7, 2007
35. Simon KC, **Chen H**, Schwarzschild MA, Ascherio A: Hypertension, hypercholesterolemia, diabetes, and risk of Parkinson's disease. *Neurology* 69(17):1688-95, 2007
36. Gao X, **Chen H**, Fung TT, Logroscino G, Schwarzschild MA, Hu FB, Ascherio A: Prospective study of dietary pattern and risk of Parkinson disease. *Am J Clin Nutr* 86(5):1486-94, 2007
37. Gao X, **Chen H**, Schwarzschild MA, Glasser DB, Logroscino G, Rimm EB, Ascherio A: Erectile function and risk of Parkinson's disease. *Am J Epidemiol* 166(12):1446-50, 2007
38. **Chen H**, O'Reilly EJ, Schwarzschild MA, Ascherio A: Peripheral inflammatory biomarkers and risk of Parkinson's disease. *Am J Epidemiol* 167(1):90-5, 2008
39. Wang H, **Chen H**, Gao X, McGrath M, Deer D, De Vivo I, Schwarzschild MA, Ascherio A: Telomere length and risk of Parkinson's diseases. *Mov Disord* 23(2):302-5, 2008

40. Thacker EL, **Chen H**, Patel AV, McCullough ML, Calle EE, Thun MJ, Schwarzschild MA, Ascherio A: Recreational physical activity and risk of Parkinson's disease. *Mov Disord* 23(1):69-74, 2008
41. Gao X, **Chen H**, Schwarzschild MA, Logroscino G, Ascherio A: Perceived imbalance and risk of Parkinson's disease. *Mov Disord* 23(4):613-6, 2008
42. **Chen H**, Guo X: Obesity and functional disability in elderly Americans. *J Am Geriatr Soc* 56(4):689-94, 2008
43. Gao X, **Chen H**, Choi HK, Curhan G, Schwarzschild MA, Ascherio A: Diet, Urate and Parkinson's disease risk in men. *Am J Epidemiol* 167(7):831-8, 2008
44. Logroscino G, Gao X, **Chen H**, Wing A, Ascherio A: Dietary iron intake and risk of Parkinson's disease. *Am J Epidemiol* 168(12):1381-8, 2008
45. O'Reilly EJ, **Chen H**, Gardener H, Gao X, Schwarzschild MA, Ascherio A: Smoking and Parkinson's disease: using parental smoking as a proxy to explore causality. *Am J Epidemiol* 169(6):678-82, 2009
46. Kim S, Parks CG, DeRoo LA, **Chen H**, Taylor JA, Cawthon RM, Sandler DP: Obesity and weight gain in adulthood and telomere length. *Cancer Epidemiol Biomarkers Prev* 18(3):816-20, 2009
47. Xu Q, Parks CG, DeRoo LA, Cawthon RM, Sandler DP, **Chen H**: Multivitamin use and telomere length in Women. *Am J Clin Nutr* 89(6): 1857-63, 2009 (with editorial and press release)
48. **Chen H**, Mosley TH, Alonso A, Huang X: Plasma urate and Parkinson's disease in the Atherosclerosis Risk in Communities (ARIC) Study. *Am J Epidemiol* 169 (9) 1064-9, 2009
49. Scholz SW, Houlden H, Schulte C, Sharma M, Li A, Berg D, Melchers A, Paudel R, Gibbs JR, Simon-Sanchez J, Paisan-Ruiz C, Bras J, Ding J, **Chen H**, Traynor BJ, Arepalli S, Zonozi RR, Revesz T, Holton J, Wood N, Lees A, Oertel W, Wüllner U, Goldwurm S, Pellecchia MT, Illig T, Riess O, Fernandez HH, Rodriguez RL, Okun MS, Poewe W, Wenning GK, Hardy JA, Singleton AB, Gasser T: SNCA variants are associated with increased risk for multiple system atrophy. *Ann Neurol*. 65(5):610-4, 2009
50. Simon KC, **Chen H**, Gao X, Schwarzschild MA, Ascherio A: Reproductive factors exogenous estrogen use, and risk of Parkinson's disease. *Mov Disord* 24(9):1359-65, 2009

51. Simón-Sánchez J, Schulte C, Bras JM, Sharma M, Gibbs JR, Berg D, Paisan-Ruiz C, Lichtner P, Scholz SW, Hernandez DG, Krüger R, Federoff M, Klein C, Goate A, Perlmutter J, Bonin M, Nalls MA, Illig T, Gieger C, Houlden H, Steffens M, Okun MS, Racette BA, Cookson MR, Foote KD, Fernandez HH, Traynor BJ, Schreiber S, Arepalli S, Zonozi R, Gwinn K, van der Brug M, Lopez G, Chanock SJ, Schatzkin A, Park Y, Hollenbeck A, Gao J, Huang X, Wood NW, Lorenz D, Deuschl G, **Chen H**, Riess O, Hardy JA, Singleton AB, Gasser T: Genome-wide association study reveals genetic risk underlying Parkinson's disease. *Nature Genetics* 41(12):1308-12, 2009 (with editorial)
52. Xu Q, Song Y, Hollenbeck A, Blair A, Schatzkin A, **Chen H**: Day napping and short night sleeping are associated with higher risk of diabetes in older adults. *Diabetes Care* 33(1):78-83, 2010
53. **Chen H**, Huang X, Guo X, Mailman RB, Park Y, Kamel F, Umbach DM, Xu Q, Hollenbeck A, Schatzkin A, Blair A: Smoking duration, intensity, and risk of Parkinson disease. *Neurology* 74 (11): 878-84, 2010 (with editorial and press release)
54. Fang F, Xu Q, Park Y, Huang X, Hollenbeck A, Blair A, Schatzkin A, Kamel F, **Chen H**: Depression and the subsequent risk of Parkinson's disease in the NIH-AARP Diet and Health Study. *Mov Disord* 25(9):1157-62, 2010
55. Xu Q, Park Y, Huang X, Hollenbeck A, Blair A, Schatzkin A, **Chen H**: Physical activities and future risk of Parkinson disease. *Neurology* 75(4):341-8, 2010 (journal highlights)
56. Gardener H, Gao X, **Chen H**, Schwarzschild MA, Spiegelman D, Ascherio A: Prenatal and early life factors and risk of Parkinson's disease. *Mov Disord* 25(11):1560-7, 2010
57. Simon KC, Gao X, **Chen H**, Schwarzschild MA, Ascherio A: Calcium channel blocker use and risk of Parkinson's disease. *Mov Disord* 25(12):1818-22, 2010
58. O'Reilly EJ, Gao X, Weisskopf MG, **Chen H**, Schwarzschild MA, Spiegelman D, Ascherio A: Plasma urate and Parkinson's disease in women. *Am J Epidemiol* 172(6):666-70, 2010
59. Gao X, **Chen H**, Schwarzschild MA, Ascherio A: Use of ibuprofen and risk of Parkinson disease. *Neurology* 76(10):863-9, 2011 (with editorial)
60. Song Y, Xu Q, Park Y, Hollenbeck A, Schatzkin A, **Chen H**: Multivitamins, individual vitamin and mineral supplements, and risk of diabetes among older U.S. adults. *Diabetes Care* 34(1):108-14, 2011

61. Ma W, **Chen H**, Jiang L, Song G, Kan H: Stock volatility as a risk factor for coronary heart disease death. *European Heart Journal* 32(8): 1006-11, 2011
62. Gao J, Xu H, Weinberg C, Huang X, Park Y, Hollenbeck A, Blair A, Schatzkin A, Burch L, **Chen H**: An Exploratory Study on the CHRNA3-CHRNA5-CHRNA4 Cluster, Smoking, and Parkinson's Disease. *Neurodegenerative Diseases* 8(5):296-9, 2011
63. Gao J, Huang X, Park Y, Hollenbeck A, Blair A, Schatzkin A, **Chen H**: Daytime napping, nighttime sleeping, and Parkinson disease. *Am J Epidemiol* 173(9):1032-8, 2011
64. Xu Q, Park Y, Huang X, Hollenbeck A, Blair A, Schatzkin A, **Chen H**: Diabetes and risk of Parkinson's disease. *Diabetes Care*; 34(4):910-5, 2011
65. International Parkinson Disease Genomics Consortium: Imputation of sequence variants for identification of genetic risks for Parkinson's disease: a meta-analysis of genome-wide association studies. *Lancet* 377(9766): 641-9 (with editorial)
66. Liu R, Gao X, Lu Y, **Chen H**: Meta-analysis of the relationship between Parkinson disease and melanoma. *Neurology* 76 (23): 2002-9, 2011 (with journal highlights and press release)
67. Gao X, **Chen H**, Schwarzschild MA, Ascherio A: A prospective study of bowel movement frequency and risk of Parkinson's disease. *Am J Epidemiol* 174(5):546-51, 2011
68. International Parkinson's Disease Genomics Consortium (IPDGC), Wellcome Trust Case Control Consortium 2 (WTCCC2): A two-stage meta-analysis identifies several new loci for Parkinson's disease. *PLoS Genet* 7(6): e1002142, 2011
69. Gao J, Huang X, Park Y, Liu R, Hollenbeck A, Schatzkin A, Mailman RB, **Chen H**: Apolipoprotein E genotypes and the risk of Parkinson disease. *Neurobiol Aging* 32(11):2106.e1-6, 2011
70. Hamza TH, **Chen H**, Hill-Burns EM, Rhodes SL, Montimurro J, Kay DM, Tenesa A, Kusel VI, Sheehan P, Eaaswarkhanth M, Yearout D, Roberts J, Agarwal P, Bordelon Y, Park Y, Wang L, Gao J, Vance JM, Kendler KS, Scott W, Ritz B, Nutt J, Factor SA, Zabetian CP, Payami H: Genome-wide gene-environment study identifies glutamate receptor gene GRIN2A as a Parkinson's disease modifier gene via interaction with coffee. *PLoS Genet* 7(8):e1002237, 2011
71. Huang X, Auinger P, Eberly S, Oakes D, Schwarzschild M, Ascherio A, Mailman R, **Chen H**; Parkinson Study Group DATATOP Investigators: Serum cholesterol and the progression of Parkinson's disease: results from DATATOP. *PLoS One* 6(8):e22854, 2011

72. Gao J, Huang X, Park Y, Hollenbeck A, **Chen H**: An exploratory study on CLU, CR1 and PICALM and Parkinson disease. *PLoS One* 6(8):e24211, 2011
73. Liu R, Guo X, Park Y, Huang X, Sinha R, Freedman ND, Hollenbeck A, Blair A, **Chen H**: Caffeine Intake, Smoking, and Risk of Parkinson Disease in Men and Women *Am J Epidemiol* (in press)
74. Fang F, **Chen H**, Wirdefeldt K, Ronnevi LO, Al-Chalabi A, Peters TL, Kamel F, Ye W: Infections of the central nervous system, sepsis and amyotrophic lateral sclerosis *PLoS One* 2011;6(12):e29749
75. Meng S, Song F, **Chen H**, Gao X, Amos CI, Lee JE, Wei Q, Qureshi AA, Han J: No Association between Parkinson Disease Alleles and the Risk of Melanoma. *Cancer Epidemiol Biomarkers Prev* 21(1):243-5
76. Wen HB, Zhang ZX, Wang H, Li L, **Chen H**, Liu Y, Zhang B, Xu Q: Epidemiology and clinical phenomenology for Parkinson's disease with pain and fatigue. *Parkinsonism & Related Disorders* 2012;18 (Suppl 1):S222-5

Original Contributions under Review

77. Du G, Lewis M, Shaffer M, **Chen H**, Yang Q, Mailman R, Huang X: Association of serum cholesterol and nigrostriatal iron deposition in Parkinson's disease *PLoS One* (in revision)
78. Fang F, Wirdefeldt K, Jacks A, Kamel F, Ye W, **Chen H**: CNS Infections, sepsis, and the risk for Parkinson's disease *Int J Epidemiol* (in revision)
79. Gao J, Nalls M, Shi M, Joubert B, Hernandez D, Huang X, Hollenbeck A, Singleton A, **Chen H**: An exploratory analysis on gene-environment interactions for Parkinson disease
80. Liu R, Park Y, Huang X, Hollenbeck A, Blair A, **Chen H**: Types of alcohol beverages and Parkinson disease

B. Peer-Reviewed Reviews

81. **Chen H** and Ge KY: Update of the methods to detect vitamin A deficiency. *J Int Med: Hyg Sect* 24(2): 106-109. 1997
82. Ascherio A and **Chen H**: Caffeinated clues from epidemiology of Parkinson's disease *Neurology* 61 (11 Suppl 6): S51-S54, 2003
83. 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.

84. Bronstein J, Carvey P, **Chen H**, Cory-Slechta D, Dimonte D, Duda J, English P, Goldman S, Grate S, Hansen J, Hoppin J, Jewell S, Kamel F, Koroshetz W, Langston JW, Logroscino G, Nelson L, Ravina B, Rocca W, Ross GW, Schettler T, Schwarzschild M, Scott B, Seegal R, Singleton A, Steenland K, Tanner CM, Van Den Eeden S, Weisskopf MC: Meeting Report: Consensus Statement-Parkinson's Disease and the Environment: Collaborative on Health and the Environment and Parkinson's Action Network (CHE PAN) Conference 26-28 June 2007. *Environment Health Perspectives* 117(1):117-21, 2009
85. Hancock DB, Scott WK, **Chen H**: Pesticide exposure and Parkinson's disease. *US Neurology* 4 (2) 48-50, 2009
86. **Chen H**, Huang X: Environmental Epidemiology of Sporadic Parkinson's Disease. *North American Journal of Medicine & Science* 3(2):73-78, 2010

C. Correspondences:

87. Weisskopf M.G., O'Reilly E., **Chen H.**, Schwarzschild M.A., and Ascherio A: Reply: Plasma urate and risk of Parkinson's disease *Am J Epidemiol*, 167(6): 753-4, 2008
88. Huang X, **Chen H**, Petrovitch H, Mailman R, Ross W: Reply: Plasma cholesterol and Parkinson's disease: is the puzzle only apparent? *Mov Disorders* 25(1):137, 2010
89. **Chen H.**, Kamel F., Park Y, Hollenbeck A. Huang X: Reply Smoking duration, intensity, and risk of Parkinson disease *Neurology* 75(6):574-5, 2010
90. **Chen H**, Gao X, Ascherio A: Prospective research on Parkinson nonmotor symptoms. *Arch Neurology* 68(1):137

D. Others:

91. **Chen H**: Smoking duration, intensity, and Parkinson's disease. *Focus on Parkinson's Disease* 22 (1): 16-18, 2011 (Invited extended abstract, originally on *Neurology* 74 (11): 878-84, 2010)
92. **Chen H**: Physical activity and future risk of Parkinson's disease. *Focus on Parkinson's Disease* 22 (1): 19-21, 2011 (Invited extended abstract, originally on *Neurology* 75(4):341-8, 2010)