

CURRICULUM VITAE

WEIWEN CHAI

Department of Nutrition
Logan College of Chiropractic, Chesterfield, Missouri
636-230-1816
Weiwen.chai@logan.edu

Education

2004 PhD. Human Nutrition, University of Wyoming
1996 M.S. Food Science and Human Nutrition, University of Wyoming
1991 B.S. Medicine, Shanghai University of Traditional Chinese Medicine
1998 Second B.S. Medical Technology, University of Wyoming

Professional Experience

2011 – Present Director of Nutritional Studies, Logan College of Chiropractic, Chesterfield, Missouri
2009 – 2010 Junior Researcher (NIH Postdoctoral Fellowship in Nutritional Epidemiology and Cancer Prevention), University of Hawaii Cancer Center, Honolulu, Hawaii
2005 – 2008 Research Scientist / Extension Educator, Department of Animal Science / Cooperative Extension Service, University of Wyoming, Laramie, Wyoming
2001 – 2004 PhD Student Researcher, Department of Family and Consumer Sciences / Animal Science, University of Wyoming, Laramie, Wyoming
1991 – 1993 Physician and Biomedical Researcher, Shanghai Chinese Medicine Research Institute, Shanghai, China

Other Experience and Professional Memberships

2009 – Present American Association for Cancer Research, Associate Member

Selected Peer-reviewed Publications

1. Chai W, Bostick RM, Franke AA, Ahearn TU, Custer LJ, Cooney RV. Effects of vitamin D₃ and calcium supplementation on serum levels of tocopherols, retinol, and specific vitamin D metabolites. *Nutrition and Cancer*. (In press).
2. Cooney RV, Dai Q, Gao YT, Chow WH, Franke AA, Shu XO, Li HL, Ji B, Cai Q, Chai W, Zheng W. Low plasma coenzyme Q10 levels and breast cancer risk in Chinese women. *Cancer Epidemiol Biomarkers Prev*. 2011 Apr 5. PMID in process.
3. Conroy SM, Chai W, Lim U, Franke AA, Cooney RV, Maskarinec G. Leptin, adiponectin, and obesity among Caucasian and Asian women. *Mediators Inflamm*. 2011;2011:253580. Epub 2011 Feb 8. PMID: PMC3038565

4. Chai W, Cooney RV, Franke AA, Caberto CP, Wilkens LR, Le Marchand L, Goodman MT, Henderson BE, Kolonel LN. Plasma coenzyme q10 levels and prostate cancer risk: the multiethnic cohort study. *Cancer Epidemiol Biomarkers Prev.* 2011 Apr;20(4):708-10. Epub 2011 Feb 4. PMID in process.
5. Chai W, Nigg CR, Pagano IS, Motl RW, Horwath C, Dishman RK. Associations of quality of life with physical activity, fruit and vegetable consumption, and physical inactivity in a free living, multiethnic population in Hawaii: a longitudinal study. *Int J Behav Nutr Phys Act.* 2010 Nov 22;7:83. PMID: PMC2996342
6. Chai W, Cooney RV, Franke AA, Shvetsov YB, Caberto CP, Wilkens LR, Le Marchand L, Henderson BE, Kolonel LN, Goodman MT. Plasma coenzyme Q10 levels and postmenopausal breast cancer risk: the multiethnic cohort study. *Cancer Epidemiol Biomarkers Prev.* 2010 Sep;19(9):2351-6. Epub 2010 Jul 28. PMID: PMC3013233
7. Chai W, Conroy SM, Maskarinec G, Franke AA, Pagano IS, Cooney RV. Associations between obesity and serum lipid-soluble micronutrients among premenopausal women. *Nutr Res.* 2010 Apr;30(4):227-32. PMID: PMC2884001
8. Chai W, Maskarinec G, Cooney RV. Serum 25-hydroxyvitamin D levels and mammographic density among premenopausal women in a multiethnic population. *Eur J Clin Nutr.* 2010 Jun;64(6):652-4. Epub 2010 Mar 10. PMID: PMC2900248
9. Chai W. and Liebman, M. Oxalate content of legumes, nuts, and grain-based flours. *Journal of food composition and analysis*, 18 (7): 723-729, 2005.
10. Chai W. and Liebman, M. Effect of different cooking methods on vegetable oxalate content. *Journal of Agriculture and Food Chemistry*, 53: 3027-3030, 2005.
11. Chai W., Liebman M., Kynast-Gales, S., and Massey, L. Oxalate absorption and endogenous oxalate synthesis from ascorbate in calcium oxalate stone formers and non-stone former. *American Journal of kidney diseases*, 44 (6): 1060-1069, 2004.
12. Chai W. and Liebman, M. Assessment of oxalate absorption from almonds and black beans with and without the use of an extrinsic label. *Journal of Urology*, 172: 953-957, 2004.
13. Liebman, M. and Chai W. Effect of dietary calcium on urinary oxalate excretion after oxalate loads. *American Journal of Clinical Nutrition*, 65:1453-1459, 1997.
14. Liebman, M. and Chai W. Effect of supplemental ascorbate and orange juice on urinary oxalate. *Nutrition Research*, 17 (3): 415-425, 1997.
15. Liebman, M., Harvey, E., and Chai W. Olestra and fat inhibit oxalate absorption. *Nutrition Research*, 9 (9): 1277-1285, 1999.

D. Presentations / Abstracts

1. Oral Presentation. Plasma coenzyme Q10 levels and postmenopausal breast cancer risk: The Multiethnic Cohort Study. 101st AACR Annual Meeting 2010. Washington DC.
2. Poster Presentation. Obesity is associated with decreased serum β -carotene and vitamin D and increased γ -tocopherol in a multiethnic population. 11th International Congress of Obesity 2010. Stockholm.