

CURRICULUM VITAE

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TRAINING

2005 – present Research fellow, NIH / NIEHS.
2003- 2005 Postdoctoral research associate, University of North Carolina at Chapel Hill

EDUCATION

1999- 2002 *Ph.D. in Biostatistics.* Dept. of Biostatistics,
Sun Yat-Sen University, Guangzhou, P.R.China
1996- 1999 *M.S. in Biostatistics.* Dept. of Biostatistics,
Xinjiang Medical University, P.R.China
1991- 1996 *M.D.* School of Public Health,
Xinjiang Medical University, P.R.China

PUBLICATIONS:

Articles:

1. Jack A. Taylor, **Zongli Xu**, Norman L. Kaplan, Richard W. Morris, “How well do HapMap haplotypes identify common haplotypes of genes: A comparison with benchmark haplotypes of 334 genes resequenced in the Environmental Genome Project” *Cancer Epidemiology Biomarkers & Prevention*, 2006 Jan;15(1):133-7
2. Zou F, **Xu Z**, Vision T, “Assessing the Significance of Quantitative Trait Loci in Replicable Mapping Populations”, *Genetics*. 2006 Aug 3
3. **Zongli Xu**, Fei Zou, Todd. J.Vision, “High resolution QTL mapping in genotypically selected samples from experimental crosses.” *Genetics*. 2005 May;170(1):401-8.
4. Fang YJ, Thomas GN, **Xu ZL**, Fang JQ, Critchley JA, Tomlinson B. An affected pedigree member analysis of linkage between the dopamine D2 receptor gene TaqI polymorphism and obesity and hypertension. *Int J Cardiol*. 2005 Jun 22;102(1):111-6.
5. Weihua Jia, **Zongli Xu**, Bingjian Feng, Lixi Huang, Xingjuan Yu, Qisheng Feng, Feng Zhang, Yixin Zeng, “Epidemiological Study of Nasopharyngeal Carcinoma Risk in Relatives of High-risk Families in Guangdong.” *Chinese Journal of Cancer*. 2004;23(7):767-770
6. WeiHua Jia, Bingjian Feng, **Zongli Xu**, Xiaoshi Zhang, Ping Huang, Lixi Huang, Xingjuan Yu, Qisheng Feng, Minghong Yao, Yinyao Shugart, Yixin Zeng, “Familial risk and clustering of nasopharyngeal carcinoma in Guangdong, China” *Cancer*. 2004: 101(2):363-369
7. **Zong-Li Xu**, Yu-Jing Fang, Ji-Qian Fang, “A model for Sibpair linkage analysis on multi-response traits and its application to gene mapping of essential hypertension.” *Journal of Biomathematics*. 2003; 18(2):176-181
8. **Zong-Li Xu**, Fang Jiqian, “A method of Bayesian linkage analysis on complex binary traits in general Pedigrees” *Journal of Biomathematics*. 2003; 18(1):15-20
9. **Zong-Li Xu**, Ji-Qian Fang, “The statistical methods to synthesize linkage studies”, *Chinese Journal of preventive medicine*, 2002; 36(3):196-198.
10. Junshu Wu, Bin Yang, Zheng Wang, Guofu Huang, **Zongli Xu**, “The effects of Tear Naturals II and Celluvisc on tear film after LASIK”, *Chinese Journal of Practical Ophthalmology*, 2002; 20(3): 186-190.

11. Bin Yang, Zheng Wang, Junshu Wu, Guofu Huang, **Zongli Xu**, “The early changes of tear film after laser in situ keratomileusis”, *Chinese Journal of Ophthalmology*, 2002; 38(2): 76-80.
12. **Zong-Li Xu**, Ji-Qian Fang, “Meta analysis for Linkage studies.” *Life Science Research*, 2001; 5(4): 308-313
13. Hua Yao, **Zong-Li Xu**, Qing Xu, “A discussion on data analysis methods for lysozyme measurement in saliva”. *Journal of Xingjiang Medical University*.1999; 22(1): 68

Book Chapters:

1. Xuyu Zhuo, Ji-Qian Fang, Chuanhua Yu, **Zongli Xu** and Ying Lu “Meta-Analysis” *Advanced Medical Statistics*, World Scientific, 2003
2. **Zong-Li Xu**, Li Li, Ji-Qian Fang, “Statistical Analysis Methods for Genetics Data”. *Medical Statistics and Computer experiment*. Second edition. ShangHai Science and technology publishing house, 2001.
3. Zhao-Hai Li, Yu-Ming Xie, **Zong-Li Xu**, “Statistics in genetics”. *Advanced Medical Statistics*, People’s Medical publishing house, 2001
4. George Y.H. Chi, Kun Jin, Gang Chen, Lu Cui, **Zong-Li Xu**, “Some Statistical Issues of Relevance to Confirmatory Trials”. *Advanced Medical Statistics*, People’s Medical publishing house, 2001
5. Xu-Yu Zhou, **Zong-Li Xu**, Chuan-Hua Yu, “Meta analysis method”. *Advanced Medical Statistics*, People’s Medical publishing house, 2001
6. Ming Tan, **Zong-Li Xu**, “Describing Data, Variability and Over-Dispersion in Medical Research”. *Advanced Medical Statistics*, People’s Medical publishing house, 2001

Abstracts:

1. **Zongli Xu**, Fei Zou, Todd. J. Vision, “High resolution QTL mapping in genotypically selected samples from experimental crosses.” *ENAR*. Mar 28-31, 2004 Pittsburgh, USA.
2. Maria, **Zongli Xu**, Todd.J.Vision “The Genetic Architecture of crop Domestication: a Meta-analysis.” *ASPB 2003: Mechanisms of Genetic Variation*, October 22-26, 2003, Snowbird, Utah, USA
3. **Zong-Li Xu**, Ji-Qian Fang. “Meta analysis for linkage studies”. *International Symposium on Mapping and Identification of Genes underlying complex diseases and traits*. May 24-26, 2001 Changsha, China.
4. Yu-Jing Fang, G Nell Thomas, Brian Tomlinson, **Zong-Li Xu**, Ji-Qian Fang, Jullan AJH Critchley. “Linkage analysis of the uncoupling protein 1 gene in Hong Kong Chinese with hypertensive family history.” *International Symposium on Mapping and Identification of Genes underlying complex diseases and traits*. May 24-26, 2001. Changsha, China.