

# Curriculum Vitae

## Tianji Cai

University of North Carolina  
Department of Sociology  
155 Hamilton Hall CB#3210  
Chapel Hill, NC 27599

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### EDUCATION

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**2010(expected) Ph.D. University of North Carolina at Chapel Hill, Sociology**

Dissertation: To Weight or To Adjust: An empirical study of the design-based and model-based approaches.

Dissertation Committee: Guang Guo (Chair), Francois Nielsen, Kathie Mullan Harris, William Kalsbeek, Sharon Chris

**2006 M.A. University of North Carolina at Chapel Hill, Sociology**

Thesis Chair: Guang Guo

**2004 M.A. Peking University, Demography, China**

**2001 B.A. Lanzhou University, Sociology, China**

### RESEARCH & TEACHING INTERESTS

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- Quantitative Methods
- Social Network
- Gene and Environment Interplay
- Social Stratification

### REFEREED PUBLICATIONS

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Guo, Guang, Roettger Michael, and **Tianji Cai**. Genetic Propensities, Social Control, and Serious and Violent Delinquency in Adolescence and Young Adulthood. *American Sociological Review*. 73:543-68.

Guo, Guang, Glen H. Elder, **Tianji Cai** and Nathan Hamilton. Gene-Environment Interactions: Friends' Alcohol Use Moderates Genetic Contribution to Adolescent Drinking Behavior. *Social Science Research*. 38: 213-224

Guo, Guang and Yuying Tong and **Tianji Cai**. Gene by Social-Context Interactions for Number of Sexual Partners among Male Youths: Genetics-informed Sociology. *American Journal of Sociology*. 114 Sppl: S36-S66.

### MANUSCRIPTS UNDER REVIEW

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Guang Guo, **Tianji Cai**, Rui Guo, Hongyu Wang, and Kathleen Harris, The DAT1 Gene, Ten Common Risky Behaviors, and the Legal Status of the Behaviors, submitted to *PLoS ONE*.

Guang Guo, Yilan Fu, **Tianji Cai**, Hedwig Lee, David Goldman, Pei-Hong Shen, Yi Li, The Coexistence of Bio-Ancestrally-Rooted and Socially-Constructed Racial Identity in the Contemporary United States, submitted to *PNAS*.

## **MANUSCRIPTS IN PROGRESS**

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**Tianji Cai** and Michelle Cheuk. Obesity, Cohabitation, and Marriage in Young Adults: Timing of Union Formation and Explanations.

**Tianji Cai**, Racial Identification of Interracial Family Children: Evidence from the 2000 China 5th Population Census.

**Tianji Cai**, Which Sampling Weights Should I Use? How to Use? A Comparison of Design-Based and Model-Based Analysis.

**Tianji Cai**, and Guang Guo, Proportion of Level-2 Units Having a Single Observation in Multilevel Modeling:

## **SELECT REFEREED CONFERENCE PRESENTATIONS**

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**Tianji Cai**, Minxia Xiao, 2009, Racial Identification of Interracial Family Children: Evidence from the 2000 China 5th Population Census, at RC28 Beijing 2009

**Tianji Cai**, 2007, Proportion of Level-2 Units Having a Single Observation in Multilevel Modeling: Linear and Binary outcomes. paper presented at ASA

**Tianji Cai**, 2007, Obesity and the Timing of Cohabitation and Marriage, paper presented at PAA

**Tianji Cai**, Qiong Zhou, 2006, Mortality of Chinese Female Oldest Old: Does It Differ among Support Patterns and Living Arrangements? paper presented at PAA

**Tianji Cai**, 2004, The Determinants on the Self-rated Life Satisfaction among the Female Oldest Old Who Living Alone in China, paper presented at the Conference on Chinese Healthy Longevity & Socio-Economic Development, May 2004, Beijing

**Tianji Cai**, Leiwen Jiang and Qiang Ren, 2003: Housing arrangement and elderly support, paper presented at Conference on Scientific Study of China 5th Census, March 28-31, Beijing, China.

## **TEACHING EXPERIENCE**

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Instructor

2009 Spring SOCI 252: Data Analysis and Quantitative Research, University of North Carolina

2008 Fall SOCI 252: Data Analysis and Quantitative Research, University of North Carolina

2008 Spring SOCI 252: Data Analysis and Quantitative Research, University of North Carolina

2007 Fall SOCI 252: Data Analysis and Quantitative Research, University of North Carolina

2007 Summer II SOCI 252: Data Analysis and Quantitative Research, University of North Carolina

2007 Spring SOCI 252: Data Analysis and Quantitative Research, University of North Carolina

Assistant

2006 Fall SOCI 718 Longitudinal and Multilevel Data Analysis, University of North Carolina

2006 Spring SOCI 711 Categorical Data Analysis, University of North Carolina

2006 Fall SOCI 130 Family and Society, University of North Carolina

2005 Spring SOCI 101 Sociological Perspectives, University of North Carolina

2005 Fall SOCI 273 Social and Economic Justice, University of North Carolina

2005 Spring SOCI 111 Human Societies, University of North Carolina

2004 Fall SOCI 101 Sociological Perspectives, University of North Carolina

## **TRAINING WORKSHOPS**

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International Training Workshop on Healthy Aging Research Methods, 2001, Peking University, China

## **SERVICE**

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Social Committee Department of Sociology, University of North Carolina at Chapel Hill 2008-2009

## **PROFESSIONAL MEMBERSHIP**

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American Sociological Association  
Population Association of America

## **REFERENCES**

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