

Curriculum Vitae

Tianji Cai

EDUCATION

2010 Ph.D. University of North Carolina at Chapel Hill, Sociology
2006 M.A. University of North Carolina at Chapel Hill, Sociology
2004 M.A. Peking University, Demography, China
2001 B.A. Lanzhou University, Sociology, China

ACADEMIC POSITIONS

2013— Assistant Professor, Department of Sociology, University of Macau
2010—2012 Assistant Professor, Department of Sociology, University of North Texas

RESEARCH & TEACHING INTERESTS

- Data Mining
- Quantitative Methods
- Health Behavior
- Gene and Environment Interplay

REFEREED PUBLICATIONS

- Wang, Hongyu, **Tianji Cai** and Guangchao Charles Feng (2018). “Media exposure and Chinese college students' attitudes toward China's maritime claims and disputes in the South and East China Seas”, *Cogent Social Sciences (OASS)*,4(1), 1-15. DOI: 10.1080/23311886.2018.1482995
- Cai, Tianji**, Yiwei Xia, and Yisu Zhou (2018). “Generalized Inflated Discrete Models: A Strategy to Work with Multimodal Discrete Distributions”, *Sociological Methods & Research*, DOI: [10.1177/0049124118782535](https://doi.org/10.1177/0049124118782535) (Forthcoming).
- Cai, Tianji**, Yiwei Xia (2018). “Estimating size of drug users in Macau: an open population capture-recapture model with data augmentation using public registration data”, *Asian Journal of Criminology*, DOI: 10.1007/s11417-018-9266-0 (Forthcoming).
- Cai, Tianji**, Yisu Zhou, Michael Niño, and Nichola Driver (2018). “The School Contextual Effect of Sexual Debut on Sexual Risk-Taking: A Joint Parameter Approach”, *Journal of School Health*, 88(3): 200-207.
- Cai, Tianji**, and Hongyu Wang. (2018). “Comparing weighting methods for non-response in the HKPSSD survey and the BCSPS”, *Chinese Sociological Review*, 50(1): 1-26.
- Niño, Michael D., **Tianji Cai**, Xochitl Mota-back, and Joseph Comeau (2017). “Gender differences in trajectories of alcohol use from ages 13 to 33 across Latina/o ethnic groups”, *Drug and Alcohol Dependence*, 180: 113-120.
- Wang, Hongyu, **Tianji Cai**, Yi Mou, and Shifa Yong. (2017). “Traditional resources, Internet Resources and Youth Online Political Participation: the Resource Theory Revisited in the Chinese Context”, *Chinese Sociological Review*, 49(3): 1-22.
- Niño, Michael D., Gabe Ignatow, and **Tianji Cai**. (2017). “Social Isolation, Strain, and Youth Violence”, *Youth Violence and Juvenile Justice*, 15(3): 299-313.
- Wang, Hongyu, and **Tianji Cai** (2017). “Parental Involvement, Adolescents’ Self-Determined Learning, and Academic Achievement in Urban China”, *International Journal of Psychology*, 52(1): 58-66.
- Niño, Michael, **Tianji Cai**, Gabriel Ignatow, Philip Yang, (2017). “Generational Peers and Alcohol Misuse”, *International Migration Review*, 51(1): 67-96.

- Zhou, Yisu, **Tianji Cai**, and Dan Wang, (2016). “Social Segregation in Hong Kong’s Schools: 2000–2012”, *Chinese Sociological Review*, 48(3): 248-270.
- Niño, Michael, **Tianji Cai**, and Gabriel Ignatow, (2016). “Social isolation, drunkenness, and cigarette use among adolescents”, *Addictive Behaviors*, 53: 94-100.
- Guo, Guang, Yi Li, **Tianji Cai**, Hongyu Wang, and Greg Duncan, (2015). “Peer Influence, Genetic Propensity, and Binge Drinking: A Natural Experiment and a Replication”. *American Journal of Sociology*, 121(3): 914-954.
- Guo, Guang, Yilan Fu, Hedwig Lee, **Tianji Cai**, Kathleen Mullan Harris, (2014). “Recognizing a small amount of superficial genetic differences across African, European and Asian Americans helps understand social construction of race”. *Demography*, 51(6): 2337-2342.
- Densley, James A., **Tianji Cai**, Susan Hilal (2014). “Social dominance orientation and trust propensity in street gangs”, *Group Processes & Intergroup Relations*, 17(6): 763-779.
- Guo, Guang, Yilan Fu, Hedwig Lee, **Tianji Cai**, Kathleen Mullan Harris, Yi Li, (2013). “Genetic Bio-Ancestry and Social Construction of Racial Classification in Social Surveys in the Contemporary United States”, *Demography*, 51(1): 141-172.
- Shen, Yuying, Dale E. Yeatts, **Tianji Cai**, Philip Q. Yang, Cynthia M. Cready, (2013) “Social Capital and Self-Rated Health Among Middle-Aged and Older Adults in China: A Multilevel Analysis”, *Research on Aging*, 36(4): 497-521
- Cai, Tianji**, (2013). “Investigation of Ways to Handle Sampling Weights for Multilevel Model Analyses”, *Sociological Methodology*, 43(1): 178-219
- Guo, Guang, **Tianji Cai**, Rui Guo, Hongyu Wang, and Kathleen Harris, (2010). “The Dopamine Transporter Gene, a Spectrum of Most Common Risky Behaviors, and the Legal Status of the Behaviors”, *PLoS ONE*. 5(2): e9352.
- Guo, Guang, Glen H. Elder, **Tianji Cai** and Nathan Hamilton. (2009). “Gene–environment interactions: Peers’ alcohol use moderates genetic contribution to adolescent drinking behavior”, *Social Science Research*. 38: 213-224
- Guo, Guang, Roettger Michael, and **Tianji Cai**. (2008). “The Integration of Genetic Propensities into Social-Control Models of Delinquency and Violence among Male Youths”, *American Sociological Review*. 73: 543-68.
- Guo, Guang and Yuying Tong and **Tianji Cai**. (2008). “Gene by Social-Context Interactions for Number of Sexual Partners among Male Youths: Genetics-informed Sociology”. *American Journal of Sociology*. 114 Sppl: S36-S66.

OTHER PUBLICATIONS

- Cai, Tianji**, Yisu Zhou (2016). What should sociologists know about big data? *ISA eSymposium for Sociology*, 6(3):1–9
- 李涌平;蔡天骥(2014).理解单独二胎人口政策:为了未来人口发展的平衡,*人口与发展(CSSCI)*, 06(20):104-109
- 蔡天骥(2004). 女性独居老人自评生活满意度的影响因素分析, *中国人口科学(CSSCI)*, 增刊(老龄健康与社会经济发展专辑): 70-74
- 李玲; 王启俊; 蔡天骥; 祝伟星 (2004). 肿瘤监测资料统计中的人口预测, *中国肿瘤(CSCI)*, 13(12): 754-756.

BOOK REVIEWS

- Cai, Tianji** (2010). Review of *Bayesian Statistical Modeling*, by Peter Congdon. *Sociological Methods & Research*, 2010 39: 302

Media Coverage

Cybercrime in China is the same, but different

<http://www.zdnet.com/article/cybercrime-in-china-is-the-same-but-different/>

Getting a handle on drug abuse in Macau

Macau business 139: 51

<http://www.macaubusiness.com/getting-handle-drug-abuse-macau/>

澳門對藥物濫用問題的處理

<http://www.macaubusiness.com/%E6%BE%B3%E9%96%80%E5%B0%8D%E8%97%A5%E7%89%A9%E6%BF%AB%E7%94%A8%E5%95%8F%E9%A1%8C%E7%9A%84%E8%99%95%E7%90%86/>