

# BOYAN ZHENG

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## EDUCATION

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- Ph.D.** Sociology, University of Wisconsin-Madison *in progress, 2019 -*  
Advisor: Marcy Carlson
- M.S.** Applied Statistics, University of Wisconsin-Madison *in progress, 2021 -*  
Advisor: Zhengjun Zhang
- M.A.** Social Sciences, University of Chicago *2018*  
Advisor: Xi Song
- B.A.**, Sociology & Psychology, University of Illinois at Urbana-Champaign *2017*  
Advisor: Monica McDermott

## ACADEMIC PROFESSIONS

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- Center for Demography and Ecology** *Aug, 2019-*  
*Madison, WI*
- Research Assistant, Dr. Jason Fletcher
- NORC at the University of Chicago** *Sept, 2018-June, 2019*  
*Chicago, IL*
- Research Analyst, Dr. Louise Hawkey

## PUBLICATION

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- Zheng, Boyan**, Jie Song, Qiongshi Lu, Jason Fletcher “Analysis of Sex-Specific Gene-by-Cohort and Genetic Correlation-by-Cohort Interaction in Educational and Reproductive Outcomes using the UK Biobank Data”, *Journal of Health and Social Behavior* (2023): 0(0). [link](#)
- Zheng, Boyan**, Jason Fletcher, Qiongshi Lu, Fengyi Zheng. “Polygenic Risks for Adolescent Substance Use: Genetic-by-Peer-Environment Interaction Effects on Cigarette, Alcohol, and Marijuana Use Among US High School Students of European Ancestry”, *Social Science and Medicine* 309 (2022): 115249. [link](#)
- Miao, Jiacheng, Yupei Lin, Yuchang Wu, **Boyan Zheng**, Lauren L. Schmitz, Jason M. Fletcher, and Qiongshi Lu. “A quantile integral linear model to quantify genetic effects on phenotypic variability.” *Proceedings of the National Academy of Sciences* 118.25 (2021). [link](#)
- Song, Xi, Xiaolu Zang, Kenneth C. Land and **Boyan Zheng**. “Intergenerational Mobility Table Revisited: A Trajectory Group Perspective”, *Research on Mobility and Social Stratification* 80 (2022): 100713. [link](#)
- Wu, Yuchang, Xiaoyuan Zhong, Yunong Lin, Zijie Zhao, Jiawen Chen, **Boyan Zheng**, James J. Li, Jason M. Fletcher, and Qiongshi Lu. “Estimating genetic nurture with summary statistics of multi-generational genome-wide association studies.” *Proceedings of the National Academy of Sciences* 118.25 (2021). [link](#)
- Hawkey, Louise, **Boyan Zheng**, Eric Hedberg, Megan Huisingh-Scheetz, and Linda Waite. “Cognitive Impairment in Older Adults Receiving Care Reduces Well-Being Among Spouse Caregivers,” *Psychology and Aging*, 35.1 (2020): 28. [link](#)

Hawkley, Louise, **Boyan Zheng**, and Xi Song. “Negative financial shock increases loneliness in older adults, 2006-2016: Reduced effect during the Great Recession (2008-2010).” *Social Science and Medicine* (2020): 113000. [link](#)

## CONFERENCE PRESENTATION

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**Zheng, Boyan**, “Multigenerational Educational Effects on Educational Transitions: Causal-Mediational Framework and New Empirical Evidence”, the 2023 RC28 Annual Spring Meeting, Paris, France

**Zheng, Boyan**, “The Role of Skills versus Qualifications in Shaping Heterogeneous Social Mobility”, Regular Session, the 2023 Annual Meeting of the Population Association of America, New Orleans, LA

**Zheng, Boyan**, “Extending Cumulative (Dis)advantage: The Importance of Lifetime Socioeconomic Trajectories in Shaping the Level and Variability of Subjective Wellbeing and Health in Late Middle Age”, Regular Session, the 2023 Annual Meeting of the Population Association of America, New Orleans, LA

**Zheng, Boyan**, Qiongshi Lu, Jason Fletcher “Long-term Impacts of Family Instability on Adulthood Mental Health: the Role of Genetics and Age ”, Regular Session, the 2022 Annual Meeting of the Population Association of America, Atlanta, GA

**Zheng, Boyan**, Jie Song, Qiongshi Lu, Jason Fletcher “Are Genes More or Less Relevant by Time? Analysis of Gene-by-Cohort Interaction in Critical Health and Life Outcome Using the UK Biobank Data”, Regular Session , the 2022 Annual Meeting of the Population Association of America, Atlanta, GA

**Zheng, Boyan** “Intergenerational Transmission of Skill Cultivation and Emotional Warmth Parenting: The Role of Cultural Capital, Economic Capital, and Childhood Divorce Experience”, Regular Session, the 2021 Annual Meeting of the Population Association of America, Online.

Hawkley, Louise, **Boyan Zheng**, and Xi Song “Loneliness and Behavioral Consequences of Negative Wealth Shock in Older Adults: Different during the Recession?” Regular Session, the 2019 Annual Meeting of the Population Association of America, Austin, TX.

**Zheng, Boyan**, “Chinese Concerted Cultivation: The Determinants of Parenting and Its Effects on Children’s Cognitive Development from a Multigenerational Perspective” Regular Session, the 2019 Annual Meeting of the Population Association of America, Austin, TX.

## WORK IN PROGRESS

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**Zheng, Boyan**, Lai Wei, “Two-Dimensional Stratification of Subjective Social Status in China from 2006 to 2021: A New Perspective on Objective-Subjective Status Alignment”, invited submission to *Chinese Sociological Review*, Special Issue

**Zheng, Boyan**, Qiongshi Lu, Jason Fletcher. “Causal Effects of Fertility on Life Course Outcomes: Evidence from An Innovative Genetic Instrumental Variable Approach”, submitted

**Zheng, Boyan**, “Chinese Concerted Cultivation: The Determinants of Parenting and Its Effects on Children’s Cognitive Development”, submitted

**Zheng, Boyan** “The Role of Skills versus Qualifications in Shaping Heterogeneous Social Mobility”

**Zheng, Boyan** “Extending Cumulative (Dis)advantage: The Importance of Lifetime Socioeconomic Trajectories in Shaping the Level and Variability of Subjective Wellbeing and Health in Late Middle Age”

## **JOURNAL REVIEWS**

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American Sociological Review  
Journal of Health and Social Behavior  
Research in Mobility and Social Stratification  
Social Science and Medicine

## **HONOR AND AWARD**

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### **University of Illinois at Urbana Champaign**

Magna Cum Laude Graduates  
Highest Distinction in the Sociology Department  
Member of Alpha Kappa Delta Branch

### **University of Chicago**

Social Sciences Scholarship of Half Tuition

### **University of Wisconsin-Madison**

Winsborough Research Scholar, 2019-2020  
Winsborough Research Scholar, 2020-2021  
Winsborough Research Scholar, 2021-2022  
Winsborough Research Scholar, 2022-2023