

Bing Han

Department of Sociology
Center on Aging and the Life Course
Purdue University

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EDUCATION

- Dual-title Ph.D. in Sociology and Gerontology, Purdue University 2026 (expected)
 - Graduate Certificate, Applied Statistics 2023
 - Graduate Certificate, Advanced Methods of the Behavioral, Health, and Social Science 2023
- M.S. in Sociology, Purdue University 2022
- M.S. in Human Geography, Zhejiang University 2018
- B.S. in Geographic Information Science, Lanzhou University 2015

RESEARCH INTERESTS

health inequality, stereotype and stigma, quantitative methodology, aging and the life course, gender

PUBLICATIONS

Published Peer-reviewed Journal Articles

1. Hu, Jiayin and **Bing Han** (equal contribution). “Race and Ethnicity in Leadership Perceptions: Experimental Insights from White, Black, Asian, and Hispanic Christians in Multiracial Churches.” *Social Science & Research*. 130 (2025): 103208.
2. Mize, Trenton D. and **Bing Han**. 2025. “Inequality and Total Effect Summary Measures for Nominal and Ordinal Variables.” *Sociological Science*. 12:115-57.
3. Kane, Danielle, **Bing Han**, and Yu Chung. 2024. “Education level, contraceptive communication, and IUD use among rural-to-urban migrants in China: A qualitative study.” *PLOS One*. 19(12):e0311022.
4. **Han, Bing**, Dongying Li, and Po-Ju Chang. 2021. “The Effect of Place Attachment and Greenway Attributes on Well-being among Older Adults in Taiwan” *Urban Forestry & Urban Greening*. 65:127306.

Published Book Chapters

1. Mize, Trenton D. and **Bing Han**. *In Press*. “Marginal Effects: A Flexible Method of Interpretation Across Linear and Nonlinear Models.” *Handbook on Data Modeling and Data Analysis*. Edward Elgar Publishing.

SOFTWARE AND DATASET

1. **Han, Bing** and Trenton D. Mize. 2025. “meinequality: Stata Command for Inequality Summary Effects of Nominal and Ordinal Independent Variables.” <https://www.trentonmize.com/software/meineq>.
2. **Han, Bing** and Trenton D. Mize. 2025. “totalme: Stata Command for Calculating Holistic Effect Size Measures for Nominal and Ordinal Outcome Models.” <https://www.trentonmize.com/software/totalme>.
3. Yang, Fenggang, Kim-Kwong Chan, Charles Chang, **Bing Han**, and Yuanfei Li. 2022. “Online Spiritual Atlas of the Global East - Hong Kong (OSAGE-HK) Data” *Purdue University Research Repository*.

PAPERS UNDER REVIEW

1. **Han, Bing** and Trenton D. Mize. “Doing Gender, Doing Health: The Relationship between Gender Performance and Health Lifestyles.” *Social Science & Research*. (Revise and Resubmit)
2. Ferraro, Kenneth and **Bing Han** (equal contribution). “Does Cognitive Capital Reduce the Risk of Cognitive Decline in Later Life?” *Innovation on Aging*.
3. **Han, Bing**, Danielle Kane, and Yu Chung. “Negotiating Contraception: Joint Decision-Making and Gendered Power Dynamics Among Chinese Migrant Workers.” *PLOS One*.
4. Resweber, Corey, **Bing Han**, and Fenggang Yang. “Religious Diversity and Multi-Religiosity in Singapore.” *Journal for the Scientific Study of Religion*.

PAPERS IN PROGRESS

1. **Han, Bing**. “Health Behaviors and Social Stigma: Stereotypes, Devaluation, and Social Distance.”
2. **Han, Bing**. “Intersecting Stigma and Attenuated Penalties: The Nonlinear Accumulation of Stigma Across Health Behaviors”
3. **Han, Bing** and Trenton D. Mize. “Summarizing Effects for Nominal and Ordinal Variables Using the meinequality and totalme Commands.”
4. **Han, Bing** Mallory J. Bell, and Kenneth Ferraro. “The Effect of Cognitive Capital on Mortality among Older Adults.”
5. **Han, Bing**. “How Do Social Relationships Moderate the Influence of Adverse Childhood Experiences on Health-Risk Factors?”
6. **Han, Bing** and Danielle Kane. “Gender Ideology Conflicts in Transiting Society: A Case Study of Bride Price Disputes in China.”
7. Minne Chen, **Han, Bing**, and Yihan Liu. “Understanding the Impact of Family Caregiving and COVID-19 Stress on Mental Health Outcomes in Co-residing Aging Couples.”
8. Marceau, Kristine, **Bing Han**, Laura Schwab Reese, Sharon Christ, James A. McCann, and Trenton D. Mize. “A Graduate Student Perspective on Methods Pedagogy in the Behavioral, Health, and Social Sciences.”
9. Kane, Danielle and **Bing Han**. “Gender and the Division of Labor in the Multi-Household Family in China: A Qualitative Study.”
10. He, Ranran, Danielle Kane, and **Bing Han**. “Intrahousehold Property Ownership and Marriage Dynamics in China: The Role of Educational Background.”

GRANTS & FUNDING

- Robert L. Eichhorn Award in Medical Sociology (PI), Department of Sociology, Purdue University.
“Intersecting Stigmas: Understanding the Social Costs of Health Lifestyles during the Life Course.” (\$5,000) 2025
- Walter Hirsch Graduate Student Dissertation Award (PI), Department of Sociology, Purdue University.
“Intersecting Stigmas: Understanding the Social Costs of Health Lifestyles during the Life Course.” (\$1,000) 2024
- Lois K. Cohen Graduate Education Endowment for Global Health in Sociology Award (PI), Department of Sociology, Purdue University.
 - “Stereotypes and Stigma of Health Lifestyles During the Life Course for Men and Women in the US Context.” (\$2,865) 2024
 - “Exploring the Relationships Between Health Lifestyles, Stereotypes, and Social Relationships: Evidence from an Experimental Design.” (\$4,000) 2023

- Promise Award, College of Liberal Arts, Purdue University.
 - “A Social Psychological Exploration on the Nuanced Negotiation Patterns of Bride Price Practice in China.” (\$1,500) 2024
 - “Emergency Contraception and Reluctance to Use Oral Contraceptives among Married Chinese Migrant Workers.” (\$1,000) 2024
 - “Doing Gender, Doing Health: The Relationship between Gender Performance and Health Lifestyles.” (\$1,500) 2023
 - “Theoretical and Methodological Advances in Scaling Gendered Behavior: A Machine Learning Approach for Creating a Wave 5 Gendered Behavior Measure.” (\$750) 2022
- Research Methodology Training Grant, Department of Sociology, Purdue University.
 - Longitudinal Data Analysis through Statistical Horizons. (\$995) 2023
 - Summer Institute in Computational Social Science (UCLA). (\$2,000) 2023
 - Empirical Analysis of Geospatial Associations and Cross-Unit Interdependence through ICPSR. (\$3,000) 2022
 - Machine Learning Applications in Social Science Research and Bayesian Modeling for the Social Sciences through ICPSR. (\$2,800) 2021

HONORS, AWARDS, & SCHOLARSHIP

- Howard B. Kaplan Memorial Award, Section on Medical Sociology, American Sociological Association. Received in recognition of research on stigma and health lifestyles during the life course. 2025
- Graduate Student Investigator Award (Honorable Mention), Section on Social Psychology, American Sociological Association. “Intersecting Stigmas: Understanding the Social Costs of Health Lifestyles during the Life Course.” 2025
- Outstanding Graduate Student Paper Award (with Jiayin Hu), Department of Sociology, Purdue University. 2025
- Finalist, College of Liberal Arts Graduate Student Excellence in Research Award, Purdue University 2024
- Health and Retirement Study Data Training Workshop Tuition Award, University of Michigan. 2024
- Purdue Graduate Student Government Travel Grant, Purdue University. 2024
- Distinguished Master’s Thesis Awards, College of Liberal Arts, Purdue University 2022
- Office of Interdisciplinary Graduate Programs Travel Grant, Purdue University. 2023
- Student Forum Travel Award, American Sociological Association. 2023
- Graduate of Merit/Triple-A Graduate, Zhejiang University. 2017
- Award of Honor for Graduate, Zhejiang University. 2017
- Kwang-Hua Scholarship, Zhejiang University. 2017
- Excellent Social Practice Individual Award, Zhejiang University. 2016
- Academic Scholarship, Zhejiang University. 2016

TEACHING EXPERIENCE

- Instructor, Purdue University
SOC 374: Medical Sociology (Fall 2024)
- Teaching Assistant, Purdue University
SOC 391/SOC 681: Experimental Methods in the Social Sciences (Fall 2025)
Summer Institute on Longitudinal Data Analysis (Summer 2025)
SOC 681: Categorical Data Analysis (Fall 2023)
SOC 220: Social Problem (Fall 2020, Spring 2021)
- Guest Speaker, Purdue University
SOC 686: Qualitative Methods (Spring 2024; Spring 2025)

SERVICES

- Reviewer:
 - GSA Annual Meeting, BMC Geriatrics, Applied Psychology: Health and Well-Being
- American Sociological Association
 - Graduate Student Advisory Committee, Social Psychology Section 2024–2025
 - Round-table Presider, Sociology of Population Section 2024–2025
- Purdue University
 - Joe and Maggie Kernan Experimental Social Science Lab, Lab Manager 2025-2026
 - The Methodology Center at Purdue, Graduate Research Assistant 2022-2023
- Sociology Graduate Student Organization, Purdue University
 - President (2024-2025), Vice President (2023-2024), Colloquium Committee (2022-2023), Chief Financial Officer (2021-2022)

ACADEMIC AFFILIATIONS

- Member, American Sociological Association (ASA) 2020-present
 - Section: Medical Sociology; Social Psychology; Methodology; Asian and Asian American; Sociology of Sex and Gender
- Member, The Gerontological Society of America (GSA) 2023-present
 - Section: Behavioral and Social Sciences Section; Health Sciences Section; Social Research, Policy, and Practice Section
- Member, Population Association of America (PAA) 2023-present

ACADEMIC PRESENTATIONS

1. **Han, Bing.** “Intersecting Stigma: Understanding the Social Costs of Health Behaviors during the Life Course.” Group Processes Conference. 2025
2. **Han, Bing.** “Health Behaviors and Social Stigma: Stereotypes, Devaluation, and Social Distance.” American Sociological Association Annual Meeting. 2025
3. **Han, Bing.** “How Do Social Relationships Moderate the Influence of Adverse Childhood Experiences on Health-Risk Factors?” Population Association of America Annual Meeting. 2025
4. Mize, Trenton D. and **Bing Han.** “Inequality as a Summary Measure for the Effect of Nominal Independent Variables.” Sociological Science Conference. 2024
5. **Han, Bing** and Danielle Kane. “A Social Psychological Exploration on the Nuanced Negotiation Patterns of Bride Price Practice in China.” American Sociological Association Annual Meeting. 2024
6. **Han, Bing**, Danielle Kane, and Yu Chung. “Emergency Contraception and Reluctance to Use Oral Contraceptives among Married Chinese Migrant Workers.” Population Association of America Annual Meeting. 2024
7. **Han, Bing** and Kenneth Ferraro. “Neighborhood Characteristics and Cognitive Functioning Among Older Adults.” Center on Aging and the Life Course Scholars in the Spotlight. 2024
8. **Han, Bing.** “An Experimental Analysis on How Do Stereotypes of Health Lifestyles Influence Stigma in the US Context.” Joe and Maggie Kernan Experimental Social Science Lab. 2023

9. **Han, Bing**, Danielle Kane, and Yu Chung. "Linked Lives and Contraceptive Autonomy: Migrant Workers in China." International Chinese Sociological Association Annual Meeting. 2023
10. Kane, Danielle and **Bing Han**. "Gender and the Division of Labor in the Multi-Household Family." American Sociological Association Annual Meeting. 2023
11. **Han, Bing**. "Childhood Adversity, Social Support, and Substance Use in Adulthood." Society for the Study of Social Problems Annual Meeting. 2023
12. **Han, Bing**, Trenton D. Mize. "Doing Gender, Doing Health: The Relationship between Gender Performance and Health Lifestyles." Population Association of America Annual Meeting. 2023
13. **Han, Bing**. "The Empirical Exploration of the Pathways between Adverse Childhood Experiences (ACEs) and Adoption of Health-risk Behaviors Based on an SEM Approach." Add Health Users Conference. 2022
14. Mize, Trenton D. and **Bing Han**. "Theoretical and Methodological Advances in Scaling Gendered Behavior: A Machine Learning Approach for Creating a Wave 5 Gendered Behavior Measure." Add Health Users Conference. 2022