

Hui Zheng

July 16, 2020

The Ohio State University
Department of Sociology
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ACADEMIC POSITION

The Ohio State University

Associate Professor of Sociology (2016-)

Assistant Professor of Sociology (2011-2016)

East Asian Studies MA Program Graduate Faculty (2015-)

*Affiliated with Institute for Population Research, Translational Data Analytics Institute,
Criminal Justice Research Center*

EDUCATION

2011 Ph.D., Sociology, Duke University
2004 M.A., Sociology (Highest Academic Honors), Renmin University of China
2001 B.A., Sociology (Highest Academic Honors), Renmin University of China
 Minor, Journalism, Renmin University of China

PROFESSIONAL INTERESTS

Health and Aging, Demography, Inequality, Life Course, Methods

PUBLICATIONS

Journal Articles (*current or former graduate student collaborator)

Zheng, Hui. Forthcoming. "Mortality Selection and Cohort Trend in Health Disparities."
Demographic Research.

Zheng, Hui. Forthcoming. "A New Look at Cohort Trend and Underlying Mechanisms in
Cognitive Functioning." *The Journals of Gerontology: Social Sciences*.

Zang, Emma*, Hui Zheng, Yang Claire Yang, and Kenneth C Land. 2019. "Recent Trends in
U.S. Mortality in Early and Middle Adulthood: Racial/Ethnic Disparities in Inter-Cohort

- Patterns.” *International Journal of Epidemiology* 48(3): 934-944.
- Mehta, Neil K, Hui Zheng, and Mikko Myrskylä. 2019. “How Do Age and Major Risk Factors for Mortality Interact over the Life-Course? Implications for Health Disparities Research and Public Health Policy.” *Social Science & Medicine – Population Health*.
- Zheng, Hui and Siwei Cheng. 2018. “A Simulation Study of the Role of Cohort Forces in Mortality Patterns.” *Biodemography and Social Biology* 64 (3-4): 216-236.
- Zheng, Hui and Linda K. George. 2018. “Does Medical Expansion Improve Population Health?” *Journal of Health and Social Behavior* 59(1): 113-132.
- Eliot Freidson Outstanding Publication Award Honorable Mention from the ASA Medical Sociology Section, 2019
- Zang, Emma*, and Hui Zheng. 2018. “Does the Sex Ratio at Sexual Maturity Affect Men’s Later Life Mortality Risks?” *Social Science & Medicine* 202: 61-69.
- Tumin, Dmitry*, and Hui Zheng. 2018. “Do the Health Benefits of Marriage Depend on the Likelihood of Marriage?” *Journal of Marriage and Family* 80: 622-636.
- Zheng, Hui. 2017. “Why Does College Education Matter? Unveiling the Contributions of Selection Factors.” *Social Science Research* 68: 59-73.
- Dirlam, Jonathan*, and Hui Zheng. 2017. “Job Satisfaction Trajectories and Health: A Life Course Perspective.” *Social Science & Medicine* 178: 95-103.
- He, Wei, and Hui Zheng. 2017. “Under the One Child Policy Regime in China: Did Having Younger Sibling(s) Increase the Risk of Overweight and Underweight?” *Asian Population Studies* 13: 267-291.
- Zheng, Hui, Yang Yang and Kenneth C Land. 2016. “Age-Specific Variation in Adult Mortality Rates in Developed Countries.” *Population Research and Policy Review* 35: 49-71. (5-year impact factor: 1.2)
- Zheng, Hui, and Jonathan Dirlam*. 2016. “The Body Mass Index-Mortality Link across the Life Course: Two Selection Biases and Their Effects.” *Plos One*. DOI: 10.1371/journal.pone.0148178. (5-year impact factor: 3.7)
- Zheng, Hui, and Dmitry Tumin* (equal authorship). 2015. “Variation in the Effects of Family Background and Birth Region on Adult Obesity: Results of a Prospective Cohort Study of a Great Depression-Era American Cohort.” *BMC-Public Health*. doi:10.1186/s12889-015-1870-7. (5-year impact factor: 2.8).

- Zheng, Hui. 2015. "Losing Confidence in Medicine in an Era of Medical Expansion?" *Social Science Research* 52: 701-715. (5-year impact factor: 2.0)
- Zheng, Hui. 2015. "Why Has Medicine Expanded? The Role of Consumers." *Social Science Research* 52: 34-46. (5-year impact factor: 2.0)
- Reither, Eric, Ryan Masters, Y. Claire Yang, Daniel Powers, Hui Zheng, and Kenneth Land. 2015. "Should Age-Period-Cohort Studies Return to the Methodologies of the 1970s?" *Social Science & Medicine* 128: 356-365. (5-year impact factor: 3.5)
- Zheng, Hui. 2014. "Aging in the Context of Cohort Evolution and Mortality Selection." *Demography* 51(4):1295-1317. PMID: PMC4110171. (5-year impact factor: 3.3)
- He, Wei, Sherman James, Givonna Merli, and Hui Zheng. 2014. "An Increasing Socioeconomic Gap in Childhood Overweight and Obesity in China." *American Journal of Public Health* 104(1):e14-22 (5-year impact factor: 4.8)
- Zheng, Hui, Dmitry Tumin*, and Zhenchao Qian. 2013. "Obesity and Mortality Risk: New Findings from BMI Trajectories." *American Journal of Epidemiology* 178(11):1591-9. (5-year impact factor: 5.9)
- Zheng, Hui, and Patricia A. Thomas. 2013. "Marital Status, Self-Rated Health, and Mortality: Overestimation of Health or Diminishing Protection of Marriage?" *Journal of Health and Social Behavior* 54(1): 128-43. (5-year impact factor: 3.8)
- Zheng, Hui, and Linda K. George. 2012. "Rising U.S. Income Inequality and the Changing Gradient of Socioeconomic Status on Physical Functioning and Activity Limitations, 1984-2007." *Social Science & Medicine* 75(12): 2170-82. (5-year impact factor: 3.5)
- Zheng, Hui, and Yang Yang. 2012. "Population Heterogeneity in the Impact of Body Weight on Mortality." *Social Science & Medicine* 75(6): 990-6. (5-year impact factor: 3.5)
- Zheng, Hui, and Kenneth C Land. 2012. "Composition and Decomposition in U.S. Gender-Specific Self-Reported Health Disparities, 1984-2007." *Social Science Research* 41(2): 477-88. (5-year impact factor: 2.0)
- Zheng, Hui. 2012. "Do People Die from Income Inequality of A Decade Ago?" *Social Science & Medicine* 75(1): 36-45. (5-year impact factor: 3.5)
- Land, Kenneth C, Raymond H. C. Teske, Jr., and Hui Zheng. 2012. "The Differential Short-Term Impacts of Executions on Felony and Non-Felony Homicides." *Criminology and Public Policy* 11(3): 539-63.
- Zheng, Hui, Yang Yang, and Kenneth C Land. 2011. "Variance Function Regression in

Hierarchical Age-Period-Cohort Models, with Applications to the Study of Self-Reported Health.” *American Sociological Review* 76(6): 955-83. PMID:PMC3419541. (5-year impact factor: 5.8)

Zheng, Hui, Yang Yang, and Kenneth C Land. 2011. “Heterogeneity in the Strehler-Mildvan General Theory of Mortality and Aging.” *Demography* 48: 267-90. (5-year impact factor: 3.3)

Land, Kenneth C, Vicki L. Lamb, and Hui Zheng. 2011. “How are the Kids Doing? How Do We Know? Recent Trends in Child and Youth Well-Being in the United States and Some International Comparisons”. *Social Indicators Research* 100 (3): 463-77. (5-year impact factor: 1.3)

Land, Kenneth C, and Hui Zheng. 2010. “Questions about the Relationship of Economic Conditions to Violent Victimization.” *Criminology & Public Policy* 9(4): 699-706. (Policy Essay)

Zheng, Hui. 2009. “Rising U.S. Income Inequality, Gender, and Individual’s Self-Rated Health, 1972-2004.” *Social Science and Medicine* 69(9): 1333-42. (5-year impact factor: 3.5)

Land, Kenneth C, Raymond H. C. Teske, Jr., and Hui Zheng. 2009. “The Short-Term Effects of Executions on Homicides: Deterrence, Displacement, or Both?” *Criminology* 47(4): 1009-43. (5-year impact factor: 3.8)

Zheng, Hui, and Lulu Li. 2009. “Elite Exchange and In-group Reproduction in Urban China.” *Sociological Studies* (社会学研究) 6:65-86 (in Chinese)

Zheng, Hui. 2004. “The Heteromorphic Phenomenon in Organization.” *Chinese Journal of Sociology* (社会) 2: 15-9. (in Chinese)

Zheng, Hui. 2001. “A Field Work on the Group of Garbage Scavengers in Beijing.” *Social Science of Beijing* (北京社会科学) 1: 113-22. (in Chinese)

Reprinted in *The Corner in Urban*, edited by Yefu Zheng. Beijing, China: Urban China Press, 2002.

Book Chapters

Zheng, Hui, Yang Yang, and Kenneth C. Land. 2013. “Heteroscedastic Regression Models for the Systematic Analysis of Residual Variances.” Pp. 133-152 in *Handbook of Causal Analysis for Social Research*, edited by S.L. Morgan. New York: Springer.

Land, Kenneth C, Vicki Lamb, Sarah Meadows, Hui Zheng, and Qiang Fu. 2012. “The CWI and Its Components: Empirical Studies and Findings.” Pp. 29-75 in *The Well-Being of America's*

Children: Developing and Improving the Child and Youth Well-Being Index, edited by Kenneth Land, Springer.

Land, Kenneth C, Vicki Lamb, and Hui Zheng. 2012. "Intergenerational and Cross-National Comparisons of Child and Youth Well-Being." Pp. 225-238 in *The Well-Being of America's Children: Developing and Improving the Child and Youth Well-Being Index*, edited by Kenneth Land, Springer.

Land, Kenneth C, and Hui Zheng. 2010. "Sample Size, Optimum Allocation, and Power Analysis." Pp. 199-220 in *Handbook of Survey Research*, edited by Peter V. Marsden and James Wright, Second Edition. Bingley, UK: Emerald.

Zheng, Hui. 2005. "Elite Exchange and In-group Reproduction in Urban China — An Explanation to the Dynamic of Elite Mobility in Transformative China." Pp. 392-434 in *The Selection of Excellent Sociology M.A. Honor Theses in Peking Univ. Tsinghua Univ. and Renmin Univ.*, edited by Yefu Zheng, Suiming Pan and Yuan Shen. Shandong, China: Shandong Renmin Publishing House. (*in Chinese*)

Zheng, Hui. 2002. "Embeddedness in Social Relationships in the Job Search Process." Pp. 224-42 in *The Selection of Excellent Sociology B.A. Honor Theses in China*, edited by Hansheng Wang. Beijing, China: Xi Yuan Publishing House. (*in Chinese*)

Shen, Xiaofang, and Hui Zheng. (equal authorship). 2002. "On the Way to Legalization-----A Case Study of the Illegal Xingzhi Private School for the Children of the Drifting Labor Force in Beijing." Pp. 287-301 in *The Corner in Urban*, edited by Yefu Zheng. Beijing, China: Urban China Press. (*in Chinese*)

Comments

Reither, Eric, Kenneth Land, Sun Y. Jeon, Daniel Powers, Ryan Masters, Hui Zheng, Melissa Hardy, Katherine Keyes, Qiang Fu, Heidi Hanson, Ken Smith, Rebecca Utz and Y. Claire Yang. 2015. "Clarifying Hierarchical Age-Period-Cohort Models: A Rejoinder to Bell and Jones." *Social Science & Medicine* 145: 125-128.

GRANTS FUNDED

External

Role: Collaborator. "Distributive Justice in Canada." Social Sciences and Humanities Research Council of Canada (435-2020-1125). PI: Scott Schieman. 2020-2025: \$382,940.

Role: Co-I. "Mechanisms Underlying Sexual Minority Health Disparities in the United States." NIH/NICHD R01 grant (1R01HD094081- 01A1). PI: Claire M. Kamp Dush. 2018-2023: \$2,350,545.

Role: PI. "Population Heterogeneity in the Effects of Obesity on Mortality over the Life Course." NIH/NIA R03 grant. Consultants: Neil Mehta and Anatoliy Yashin. 2017-2019: \$150,000.

Role: PI. "A Semi-parametric Approach to Mitigate Lagged Selection Bias in Trend Studies." CDC NCHS R03 grant (Research and Methods in Health Statistics RFA-SH-16-001). 2016-2018: \$147,558.

Internal

Role: PI. "Immigrant Health (Dis)advantage in the Labor Market." The Ohio State University Institute for Population Research Seed Grant Award. 2020-2021: \$35,392.

Role: PI. "Managerial Transparency, Dynamic Relationships, and Occupational Stress." The Ohio State University Sociology Seed Grant Award. 2019-2020: \$25,000.

Role: PI. "The Role of Selection in the College Education-Health Link." The Ohio State University Institute for Population Research Seed Grant Award. 2016-2018: \$30,000.

Role: PI. "A Semi-parametric Approach to Mitigate Lagged Selection Bias in Trend Studies." The Ohio State University Sociology Seed Grant Award. 2015-2016: \$24,958.

Role: PI. "Obesity and Mortality: Early Origins, Selection, and Trajectories." The Ohio State University Institute for Population Research Seed Grant Award. 2013-2014: \$33,758.

Role: PI. "Heterogeneity in Mortality Dispersion in the Developed Countries." The Ohio State University Institute for Population Research Seed Grant Award. 2012-2013: \$28,020.

GRANTS SUBMITTED

Role: Co-I. "Biobehavioral Pathways to Health in Different- and Same-Gender Couples: Implications for Health Disparities among Sexual and Gender Minorities." NIH R01 grant. PI: Lisa Christian. Submitted 2/2019.

Role: Consultant. "Union History and Midlife Health." NIA R03 grant. PI: Zhenchao Qian. Submitted 11/2019.

Role: Co-I. "The Causal Effect of Contemporary Marriage on Adults and Families." PI: Claire Kamp Dush and Galena Rhoades. National Institute of Child Health & Human Development R03 grant. Resubmitted 11/2015, Unfunded 03/2016.

Role: PI. "Historical Changes and Heterogeneity in Mortality Variation in the Developed Countries." National Institute on Aging R03 grant. Submitted 10/2013, Unfunded 03/2014.

HONORS AND AWARDS

2019 Eliot Freidson Outstanding Publication Award Honorable Mention, ASA Medical Sociology Section

- 2010 PARISS (Program for Advanced Research in the Social Sciences) Fellow, Social Science Research Institute, Duke University
- 2010 Clinical Faculty Arts and Sciences Summer Research Fellowship, Duke University
- 2008 OYCF (Overseas Young Chinese Forum) Teaching Grant
- 2007 Leadership in an Aging Society Summer Fellowship, Duke University
- 2007 Global Health Institute Research Fellowship, Duke University
- 2006-2010 Conference Travel Grant, Graduate School, Duke University
- 2005 Graduate School Fellowship, Duke University
- 2004 Graduate School Fellowship, Indiana University at Bloomington
- 2004 Sociology M.A. Honor Thesis, Renmin University of China
- 2003 Fei Xiaotong Fellowship (award to the Best Sociology Student of the Year among all undergraduate and graduate students, Renmin University of China)
- 2002 Guang Hua Fellowship, awarded by Guang Hua Foundation
- 2001 Sociology B.A. Honor Thesis, Renmin University of China
- 2001 Honor of Most Outstanding Student, awarded by Beijing Education Commission
- 2000 Hong Kong Xinshan Fellowship, awarded by Xinshan Foundation
- 1999 Honor of Most Outstanding Student, Renmin University of China
- 1997-2001 First Class Academic Honors, Renmin University of China

INVITED TALKS

- 2020 Peking University, Center for Social Research
- 2020 Ohio State University, Institute for Population Research
- 2019 Xi'an Jiaotong University, Institute for Population and Development Studies
- 2019 Max Planck Institute for Demographic Research, Population Health Lab
- 2018 University of Chicago, Population Research Center
- 2018 Brown University, Population Studies and Training Center
- 2017 University of Maryland, Population Research Center
- 2016 Ohio State University, Department of Educational Studies
- 2016 Ohio State University, Department of Human Sciences
- 2016 Tsinghua University, School of Public Policy and Management
- 2014 University of Pennsylvania, Population Studies Center
- 2014 Sun Yat-Sen University, School of Government
- 2014 Tsinghua University, Department of Sociology
- 2013 Ohio State University, Institute for Population Research
- 2013 Ohio State University, Keyfitz Symposium on Mathematical Demography
- 2012 University of Chicago, Population Research Center and Center on the Demography and Economics of Aging
- 2010 Ohio State University, Department of Sociology
- 2010 McGill University, Department of Sociology

2010 University of Western Ontario, Department of Sociology
2010 Bowling Green State University, Department of Sociology

TEACHING

Ohio State University World Population Problems
Causal Modeling
Basic Demographic Methods and Materials
Statistics in Sociology
Population Health Inequality in Temporal and Global Context

STUDENT ADVISING

Ph.D. Committees DeShauna Jones (2012), Min Zhou, Brian Soller (2013), Dmitry Tumin (2015), Lindsey Myers (2017), Jonathan Dirlam (2018), Jake Tarrence (Chair), Paola Echave, Jonathan Muir, Chenyao Zhang
Candidacy Exam Committee Dmitry Tumin (2013), Min Zhou (2014), Ki-duk Park (2015), Jake Tarrence (Chair, 2020), Paola Echave (2020)
M.A. Committees Zhe (Meridith) Zhang (2013), Jonathan Dirlam (2013), Jake Tarrence (Chair, 2018), Man Yao (2019), Yue Chu (2020)

PROFESSIONAL ASSOCIATIONS

American Sociological Association
Population Association of America
The Gerontological Society of America

SERVICE TO THE PROFESSION

Journal Editorships & Reviews

Consulting Editor, *American Journal of Sociology*, 2015-2017

Editorial Board, *Social Science Research*, 2015-

Editorial Board, *Journal of Marriage and Family*, 2016-2019

Editorial Board, *Journal of Health and Social Behavior*, 2017-2020

Ad hoc Reviewer: *American Journal of Sociology*, *American Sociological Review*, *Demography*, *Journal of Health & Social Behavior*, *Social Science & Medicine*, *Demographic Research*, *Population Studies*, *Population Research and Policy Review*, *Biodemography and Social Biology*,

Social Forces, Social Science Research, Society and Mental Health, American Journal of Epidemiology, Annals of Epidemiology, American Journal of Public Health, The Journal of Gerontology, Sociological Perspectives, Social Currents, Journal of Marriage and Family, Advances in Life Course Research, Research on Aging, Research in Stratification and Social Mobility, World Wide Web Review.

Grant Proposal Reviews

National Science Foundation

Research Grants Council of Hong Kong

Food and Health Bureau of Hong Kong

Service to Professional Societies

Discussant, “Biodemography of Aging.” Paper Session, Population Association of America Annual Meeting, Austin, Texas, 2019.

Program Committee, Population Association of America Annual Meeting, 2018-2019.

Organizer and Chair, “Formal Demography.” Paper Session, Population Association of America Annual Meeting, 2017-2018.

Roundtable presider, Ageing and the Life Course, American Sociological Society Annual Meeting, Montreal, Canada, 2017.

Discussant, “Methodological Innovations in Health and Mortality.” Paper Session, Population Association of America Annual Meeting, Chicago, Illinois, 2017.

Chair, “Marriage, Family, and Inequality among China’s Young Adults.” Conference on “Chinese Society after One-Child Policy and Hyper Economic Growth”, Brown University, 2016.

Organizer and Chair, “Longevity: Past, Present, and Future.” Paper Session, Population Association of America Annual Meeting, San Diego, California, 2014-2015.

Chair, “Economic Impacts of Population Aging.” Paper Session, Population Association of America Annual Meeting, New Orleans, Louisiana, 2013.

SERVICE TO THE DEPARTMENT

Instructional Development Committee, Department of Sociology, Ohio State University (2019-2020)

Graduate Placement Committee, Department of Sociology, Ohio State University (2016-2018)

Salary/Workload Committee, Department of Sociology, Ohio State University (2014-2016)

Computer/Laboratory and Website Updates Committee, Department of Sociology, Ohio State University (2015-2016, 2017-2018)

Website Updates Committee, Department of Sociology, Ohio State University (2014-2015)

Faculty Recruitment Committee, Department of Sociology, Ohio State University (2013-2015)

Diversity Committee, Department of Sociology, Ohio State University (2013-2015)

Computer/Laboratory Committee, Department of Sociology, Ohio State University (2012-2014)

Colloquium Committee, Department of Sociology, Ohio State University (2012-2013, 2019-2020)

Executive Committee, Department of Sociology, Ohio State University (2011-2012, 2016-2017)

Graduate Studies Committee, Department of Sociology, Ohio State University (2011-2012)

SERVICE TO THE UNIVERSITY

Graduate faculty representative for doctoral dissertation exam, Robert Bennett, College of Social Work, 2017.

Graduate faculty representative for doctoral dissertation exam, Sarah Fritz, Biomedical Sciences Graduate Program, College of Medicine, 2015.

Graduate faculty representative for doctoral dissertation exam, Christine Patricia Biermann, Department of Geography, 2014.

Graduate faculty representative for doctoral dissertation exam, Joe Campbell, Department of Rural Sociology, 2013.

SELECTED MEDIA APPEARANCES

New York Times on "[Health advice for people in their 20s](#)," Oct 2016.

Washington Post story on "[Loathe Your Job in Your 20s or 30s? That May Hurt Your Health by Your 40s](#)," August 2016

New York Times story on "[Income Gap, Meet the Longevity Gap](#)," March 2014

Market Watch of The Wall Street Journal story on "[Why Marriage Won't Cut Your Medical Bills](#)," Feb 2014

The Huffington Post story on "[Study Finds Gaining Weight May Actually Help You Live Longer](#)," Sep 2013

Time story on "[Why Marriage Is Good for Your Health – Until You Get Sick](#)," March 2013

Atlantic story on "[The Deadliness of Income Inequality](#)," May 2012

USA Today on "[Younger Americans Face Greater Health Disparities](#)," December, 2011