Emma Xiaolu Zang

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Professional Experience

2025 - Associate Professor of Sociology, Biostatistics, and Global Affairs (with tenure), Yale University

Director, Computational Aging, Family, and Evidence Lab (Z-CAFE)

Founding Faculty Organizer, Yale Population Studies Speaker Series

Faculty Member of the Institution for Social and Policy Studies, the Council on East Asian Studies, and the Wu Tsai Institute

Faculty Affiliate of the Yale Institute for Global Health, Yale Institute of Network Science, Yale Center on Climate Change and Health, Yale Claude D. Pepper Older Americans Independence Center, Yale Alzheimer's Disease Research Center, Data Intensive Social Science Center, Institute for Foundations of Data Science, Yale Center for Geospatial Solutions

2019 - 25 Assistant Professor of Sociology (maternity leave in Fall 2023), Yale University

2022 - 25 Assistant Professor of Biostatistics (Secondary), Yale School of Public Health

2022 - 25 Assistant Professor (Secondary), The Yale Jackson School of Global Affairs

2024 Visiting Scholar, Institute for Work and Employment Research,

MIT Sloan School of Management

2022 Scholar Exchange, Duke Claude D. Pepper Older Americans Independence Center

2021 - 22 Visiting Research Scholar, Center for Health and Wellbeing, Princeton University

2011 Erasmus Mundus Exchange Student, Ghent University

Other Positions

2025 - Fellow, Center for China Analysis, Asia Society Policy Institute

External Affiliates

2023 - Population Dynamics and Health Program, University of Michigan

2024 - Life Course Center, University of Minnesota Twin Cities

2024 - Aging and Life Course Lab, Academia Sinica, Taiwan

Education

2019 **Ph.D.** in Public Policy, Duke University

2017 **M.A.** in Economics, Duke University

2014 **M.Phil.** in Social Science, The Hong Kong University of Science and Technology

2012 **B.L.** with Highest Distinction & Honors in Sociology, Tongji University

Areas Of Interests

Flexible work arrangements and inequality; population aging and caregiving; social determinants of health; family demography and life course transitions; computational and data science methods; applications of AI in social research; China and comparative social policy.

Peer Reviewed Papers

** denotes graduate student or postdoc coauthor and ** denotes undergraduate student coauthor at the timing of writing*

Demography and General Sociology

1. **Zang, Emma**., Keitaro Okura*, Melissa Tian. (2025). "Sex-Selective Abortion Bans and Infant Health Among Asian Immigrant Mothers." ***Social Science & Medicine***.
   - Featured (selected): YaleNews
2. Wang, Xueqing*., Xuezhixing Zhang*, **Emma Zang**. "Beyond Lifelong Marriage and Spousal Coresidence: A Research Note on Racial and Ethnic Differences in Late-Life Family and Living Arrangements." ***Demography***.
3. **Zang, Emma**., Qinyou Hu*, Zitong Wang*. (2024). "Revisiting the Occupational Health Impact of Right-to-Work Laws: A Research Note." ***Demography***.
4. Yang, Yining.,* **Emma Zang**, Jessica Calarco. (2024). "Patterns in Receiving Informal Help with Childcare Among US Parents During the COVID-19 Pandemic." ***Journal of Family Issues***.
5. **Zang, Emma**., Yining Yang*, James Lee. (2024). "Parents' Industrial Sectors and Fields of Study: Five Decades of Evidence from an Elite Regional University in China." ***Sociology***.
6. **Zang, Emma**., Melissa Tian**. (2024). "Upward Mobility Context and Health Outcomes and Behaviors in Emerging Adulthood: The Intersectionality of Race/Ethnicity and Gender." ***Journal of Health and Social Behavior***.
7. **Zang, Emma**., Christina Gibson-Davis, Haolun Li*. (2024). "Beyond Parental Wealth: Grandparental Wealth and the Transition to Adulthood." ***Research in Social Stratification and Mobility*** 89: 100878.

8. **Zang, Emma**., Poh Lin Tan, Thomas Lyttelton*, Anna Guo*. (2023). "Convergence and Divergence in Spouses' Time Expenditures on Paid Labor, Housework and Childcare during the COVID-19 Pandemic: Evidence from Singapore." ***Population and Development Review*** 50(S1): 303-337.
   - Featured (selected): The Straits Times (Singapore)

9. Lyttelton, Thomas*., **Emma Zang**, Kelly Musick. (2023). "Changes in Mothers' and Fathers' Time at Home and Work During the Pandemic." ***Journal of Marriage and Family*** 85(2): 657-673.
   - Featured (selected): YaleNews, Cornell Chronicle, CTV News

10. **Zang, Emma**., Poh Lin Tan, Philip Cook. (2023). "Sibling Spillovers: Having an Academically Successful Older Sibling May be More Important for Children in Disadvantaged Families." ***American Journal of Sociology*** 128(5): 1529–1571.
   - Featured (selected): The New York Times Magazine, YaleNews, Good Housekeeping

11. Song, Xi., **Emma Zang**, Kenneth Land, Boyan Zheng*. (2022). "Intergenerational Income Mobility Table Revisited: A Trajectory Group Perspective." ***Research in Social Stratification and Mobility*** 80:100713.

12. **Zang, Emma**., Chloe Sariego*, Anirudh Krishnan*. (2022). "The Interplay of Race/Ethnicity and Education in Fertility Patterns." ***Population Studies*** 76(3): 363-385.
   - Selected as the "Most Read Article in 2022" published in *Population Studies*
   - Featured (selected): The Hill, YaleNews, Yahoo, Newsbreak

13. Lyttelton, Thomas*., **Emma Zang**. (2022). "Occupations and Sickness-Related Absences during the COVID-19 Pandemic." ***Journal of Health and Social Behavior*** 63(1): 19–36.

14. Lyttelton, Thomas*., **Emma Zang**, Kelly Musick. (2022). "Telecommuting and Gender Inequalities in Parents' Paid and Unpaid Work Before and During the COVID-19 Pandemic." ***Journal of Marriage and Family*** 84(1): 230-249.
   - 2022 IPUMS Time Use Research Award
   - "Top 10 Most Cited Papers Published in Journal of Marriage and Family"
   - "Top Cited Article 2021-2022", Wiley
   - Featured (selected): Harvard Business Review, CNN, NBC, YaleNews, The Boston Globe, Council on Contemporary Families, Slate, The Lily (Washington Post), Live Science

15. **Zang, Emma**. (2020). "When Family Property Becomes Individual Property: Intrahousehold Property Ownership and Women's Well-Being in China." ***Journal of Marriage and Family*** 82(4): 1213-1233.
   - Featured (selected): YaleNews [lead story], The MacMillan Report, ThePaper.cn

16. **Zang, Emma**. (2020). "Spillover Effects of a Husband's Retirement on a Woman's Health: Evidence from Urban China." ***Social Science & Medicine*** 245: 112684.
   - Featured (selected): ThePaper.cn

17. **Zang, Emma**. (2019). "Women's Educational Attainment and Fertility Among Generation X in The United States." ***Population Studies*** 73(3): 335-351.
   - Selected as one of the "Most Influential Papers in 2020" published in *Population Studies*
   - 2018 Everett S. Lee Graduate Paper Award, Southern Demographic Association
   - Featured (selected): Science Daily, YaleNews, MedicalResearch.com

18. **Zang, Emma**., Anthony R. Bardo*. (2019). "Objective and Subjective Socioeconomic Status, Their Discrepancy, and Health: Evidence from East Asia." ***Social Indicators Research*** 143: 765–794.

19. **Zang, Emma**., Cameron D. Campbell. (2018). "Males' Later-Life Mortality Consequences of Coresidence With Paternal Grandparents: Evidence From Northeast China, 1789–1909." ***Demography*** 55 (2): 435-457.
    - 2014 Tilly Graduate Student Paper Award, Social Science History Association
    - 2019 Graduate Student Research Paper Award, the Section on Asia & Asian America, American Sociological Association

20. **Zang, Emma**., Hui Zheng. (2018)."Does The Sex Ratio at Sexual Maturity Affect Men's Later-Life Mortality Risks? Evidence From Historical China." ***Social Science & Medicine*** 202: 61-69.

21. **Zang, Emma**., Nan Dirk De Graaf. (2016). "Frustrated Achievers or Satisfied Losers? Inter- and Intragenerational Social Mobility and Happiness in China." ***Sociological Science*** 3: 779-800.
    - 2016 Alan C. Kerckhoff Award, the ISA Research Committee 28 on Social Stratification and Mobility
    - 2012 Best Thesis Award, Tongji University

Quantitative Methods and Biostatistics

22. Zhang, Yunxuan.*, Thomas M. Gill, Karen Bandeen-Roche, Robert D. Becher, Kendra Davis-Plourde, **Emma Zang**. "Obtaining Population-Based Estimates for Survey Data Using Bayesian Hierarchical Models with Poststratification" ***American Journal of Epidemiology***.

23. **Zang, Emma**., Michael Sobel, Liying Luo. (2023). "The Mobility Effects Hypothesis: Methods and Applications." ***Social Science Research*** 110:102818.

24. **Zang, Emma**., Justin T. Max*. (2022). "Bayesian Estimation and Model Selection in Group-Based Trajectory Models." ***Psychological Methods*** 27(3):347-372.

25. Lynch, Scott, **Emma Zang [equal authorship]**. (2022). "Bayesian Multistate Life Table Methods for Complex, High-Dimensional State Spaces: Development and Illustration of a New Method." ***Sociological Methodology*** 52(2): 254–286.

26. Fu, Qiang., Xin Guo, Sun Jeon, Eric Reither, **Emma Zang**, Kenneth Land. (2021). "The Uses and Abuses of An Age-Period-Cohort Method: On The Linear Algebra and Statistical Properties of Intrinsic and Related Estimators." ***Mathematical Foundations of Computing*** 4(1):45-49.

27. Land, Kenneth., Qiang Fu, Xin Guo, Sun Jeon*, Eric Reither, and **Emma Zang**. (2016). "Playing With the Rules and Making Misleading Statements: A Response to Luo, Hodges, Winship, and Powers." ***American Journal of Sociology***, 122 (3): 1-12.

Population Health and Aging

28. Jain, Snigdha., Terrence Murphy, Jason Falvey, Linda Leo-Summers, John O'Leary, **Emma Zang**, Thomas Gill, Harlan Krumholz, Lauren Ferrante. "Associations between Social Determinants of Health and Post-Hospitalization Rehabilitation among Critically Ill Older Adults." ***Annals of the American Thoracic Society***.

29. Chu, Lingzhi., Yiqun Ma, **Emma Zang**, Lei Huang, Kai Chen. (2025). "Disparities in NO2-related health burden existed across race-ethnicity and income groups in the United States." ***One Earth***.

30. Wong, Jason., **Emma Zang**. (2025). "Regional Disparities in Cognitive Life Expectancy: The Role of Birth and Current Residence in the United States." ***Health and Place***.

31. Kong, Dexia., Xiaomin Li, Yaxin Lan, **Emma Zang**. (2025). "Linked Lives: Dyadic Trajectories of Cognitive Function among Middle-Aged and Older Couples." ***Journal of Gerontology: Social Sciences***.

32. Wang, Yi.*, **Emma Zang**, Kendra Davis-Plourde, Brent Vander Wyk, Thomas M. Gill, and Robert D. Becher. (2025). "Incidence of Frailty, Dementia, and Disability among Community-Living Older Americans According to County-Level Disadvantage." ***Journal of the American Geriatrics Society***.
    - Featured (selected): Yale School of Medicine

33. Gill, Thomas M., **Emma Zang**, Linda Leo-Summers, Evelyne A. Gahbauer, Robert D. Becher, Lauren E. Ferrante, Ling Han. (2025). "Role of Critical Illness, Major Surgery & Other Hospitalization on Active & Disabled Life Expectancy." ***JAMA Network Open*** .

34. Wang, Yi.*, **Emma Zang**, Kendra Davis-Plourde, Thomas M. Gill, Robert D. Becher. (2025). "Novel Indices of State- and County-Level Social Disadvantage in Older Americans and Disparities in Mortality." ***Health and Place***.
    - Featured (selected): Yale School of Medicine

35. Lou, Yifan.*, **Emma Zang**, Qianqian Li*. (2025). "Explaining Racial/Ethnic Disparities in Advance Care Planning in the U.S.: A Decomposition Analysis." ***Journal of Pain and Symptom Management***.

36. Lou, Yifan*., Jiaowei Gong*, **Emma Zang**. (2025). "Care Recipients' Cognitive Trajectories and Caregivers' Depressive Symptoms: The Mediating Role of Caregiving Burden" ***The Gerontologist***.

37. Lu, Siyao.*, Jason Wong*, Yifan Lou*, **Emma Zang**, Deborah Carr. (2024). "A Novel Time Use Approach on Successful Aging: Racial Disparities in Daily Productive Engagement." ***The Gerontologist***.

38. Ma, Yiqun*.,**Emma Zang**, Yang Liu, Yuan Lu, Harlan M. Krumholz, Michelle L. Bell, Kai Chen. (2024). "Long-Term Exposure to Wildland Fire Smoke PM2.5 and Mortality in The Contiguous United States." ***Proceedings of the National Academy of Sciences***.
    - Featured (selected): Yale School of Public Health

39. Tang, Weiming., Jiali Zhang, Haidong Lu, Qilei Sheng, **Emma Zang**, Yunxuan Zhang*, Hualong Yuan, Bihua Chen. (2024). "The Influence of Perinatal Psychological Changes on Infant Neurodevelopment in Shanghai, China: A Longitudinal Group-based Trajectory Analysis" ***The Journal of Affective Disorders***.

40. **Zang, Emma**., Yunxuan Zhang*, Yi Wang*, Bei Wu, Terri R. Fried, Robert D. Becher, Thomas M. Gill. (2024). "Association between Cognitive Trajectories and Subsequent Health Outcomes among Older Adults in the United States: Findings from A Nationally-Representative Study." ***Journal of Gerontology: Medical Sciences***.

41. Jain, Snigdha., Terrence E. Murphy, Jason R. Falvey, Linda Leo-Summers, John R. O'Leary Jr., **Emma Zang**, Thomas M. Gill, Harlan M. Krumholz, Lauren E. Ferrante. (2024)."Social Determinants and Delivery of In-Hospital Rehabilitation to Critically Ill Older Adults." ***JAMA Network Open*** 7(5):e2410713.

42. Lam, Pak Hung*., **Emma Zang**, Dieyi Chen, Riyang Liu, Kai Chen. (2023). "Long-Term Exposure to Fine Particulate Matter and Academic Performance Among Children in North Carolina." ***JAMA Network Open*** 6(10):e2340928.

- Featured (selected): YaleNews, Yahoo!, World Economic Forum, WRAL
- Cited by the Danish Health Authority in policy reports

43. Monin, Joan K., Gail McAvay, **Emma Zang**, Brent Vander Wyck, Carmen I. Carrión, Heather Allore. (2023). "Associations between Dementia Staging, Neuropsychiatric Behavioral Symptoms, and Divorce or Separation in Late Life: A Case Control Study." ***PLOS ONE*** 18(8), e0289311.

44. Ma, Yiqun*., **Emma Zang**, Yuan Lu, Harlan M. Krumholz, Kai Chen. (2023). "Racial/Ethnic Disparities in the Cardiovascular Disease Mortality Attributable to Long-Term PM2.5 Exposure in the United States from 2001 to 2016." ***Nature Human Behaviour*** 7, 2074–2083.
    - 2023 Office of Health Equity Research Award for Yale Research Excellence
    - Featured (selected): Nature Invited Commentary, Nature Aging Research Highlights, YaleNews, Yale Daily News

45. Festa, Natalia., Kaitlin Fender Throgmorton, Kendra Davis-Plourde, David M. Dosa, Kai Chen, **Emma Zang**, Jill Kelly, Thomas M. Gill. (2023). "Assessing Regional Nursing Home Preparedness and Regulatory Responsiveness to Wildfire Risk in the Western United States." ***JAMA Network Open*** 6(6):e2320207.
    - Featured (selected): USNews.com, Yahoo!, CNN

46. Baid, Drishti*., Boseong Yun*, **Emma Zang**. (2023). "Explaining the Higher COVID-19 Mortality Rates Among Disproportionately Black Counties: A Decomposition Analysis." ***SSM-Population Health*** 22: 101360.

47. **Zang, Emma**., Xueqing Wang*, Yu Shi*, Bei Wu, Terri Fried. (2022). "Prediction of Physical Functioning and General Health Status Trajectories on Mortality Among Persons with Cognitive Impairment." ***BMC Geriatrics*** 22:766.

48. **Zang, Emma**., Josefina Flores*, Liying Luo, Drishti Baid*. (2022). "Decomposing Rural-Urban Obesity Gap Over Time in the United States." ***Obesity*** 31(2): 487-495.
    - 2023 Office of Health Equity Research Award for Yale Research Excellence

49. Luo, Liying., **Emma Zang**, Jiahui Xu*. (2022). "The Intersection of Time and Place: Cohort Patterns and Regional Differences in Obesity among Blacks and Whites, 1976-2018." ***BMJ Open*** 12:e060469.

50. **Zang, Emma**., Yu Shi*, Xueqing Wang*, Bei Wu, Terri Fried. (2022). "Trajectories of Physical Functioning Among U.S. Adults with Cognitive Impairment." ***Age and Ageing*** 51(6):1-10.

51. Gao, Qi.*, **Emma Zang**, Jun Bi, Robert Dubrow, Sarah Lowe, Huashuai Chen, Yi Zeng, Liuhua Shi, Kai Chen. (2022). "Long-Term Ozone Exposure and Cognitive Impairment Among Chinese Older Adults: A Cohort Study". ***Environment International*** 160: 107072.
    - Featured (selected): Yale Daily News, Yale School of Public Health News

52. **Zang, Emma**., Anna Guo*, Christina Pao**, Nancy Lu**, Bei Wu, Terri Fried. (2022). "Trajectories of General Health Status and Depressive Symptoms Among Persons With Cognitive Impairment in the United States." ***Journal of Aging and Health*** 34(4-5):720–735.

53. **Zang, Emma**., Scott Lynch, Chen Liu*, Nancy Lu**, Julia Banas*. (2022). "Racial/Ethnic and Educational Disparities in the Impact of Diabetes on Population Health Among the U.S.-Born Population." ***Journal of Gerontology: Social Sciences*** 77(8):1519-1528.

– Finalist, Office of Health Equity Research Award for Yale Research Excellence

54. **Zang, Emma**., Jessica West*, Nathan Kim**, Christina Pao**. (2021). "U.S. Regional Differences in Physical Distancing: Evaluating Racial and Socioeconomic Divides During the COVID-19 Pandemic." ***PLOS ONE*** 16(11): e0259665.
    – Featured (selected): YaleNews

55. **Zang, Emma**., Nathan Kim**. (2021). "Intergenerational Upward Mobility and Racial Differences in Mortality Among Young Adults: Evidence From County-Level Analyses." ***Health and Place*** 70:102628.
    – Featured (selected): YaleNews [lead story]

56. Gill, Thomas., **Emma Zang**, Terrence Murphy, Linda Leo-Summers, Evelyne Gahbauer, Natalia Festa, Jason Falvey, Ling Han. (2021). "Association Between Neighborhood Disadvantage and Functional Well-being in Community-Living Older Persons" ***JAMA Internal Medicine*** 181(10):1297-1304.
    – Featured (selected): YaleNews, JAMA Invited Commentary

57. **Zang, Emma**., Scott Lynch, Jessica West*. (2021). "Regional Differences in The Impact of Diabetes on Population Health in The USA." ***Journal of Epidemiology & Community Health*** 75(1): 56-61.

58. Noppert, Grace*., Lydia Feinstein*, Jennifer Dowd, Rebecca Stebbins*, **Emma Zang**, Belinda Needham, Helen Meier, Amanda Simanek, Allison Aiello. (2020). "Pathogen burden and leukocyte telomere length in the United States." ***Immunity & Ageing*** 17:36.

59. **Zang, Emma**., Hui Zheng, Claire Y. Yang, Kenneth Land. (2019). "Recent Trends in US Mortality in Early And Middle Adulthood: Racial/Ethnic Disparities in Inter-Cohort Patterns." ***International Journal of Epidemiology*** 48(3): 934–944.
    – Featured (selected): Science Daily, Neuroscience News, Medical Xpress

Under Review

Wang, Zitong.*, Poh Lin Tan, **Emma Zang**. "Revisiting Time Availability and Time Use: Evidence from the COVID-19 Lockdown in Singapore." Revise and Resubmit at ***Population Research and Policy Review***.

Wang, Zitong., Ting Hu, **Emma Zang**. "Preserving the Mind: Does Housing Wealth Slow Cognitive Decline in China's Older Adults?" Revise and Resubmit at ***Journal of Gerontology: Social Sciences***.

Hu, Ying., Lingzhi Chu, **Emma Zang**, Ijeoma Opara, Yuan Lu, Erica S. Spatz, Harlan M. Krumholz, Kai Chen. "Trends in Spatial and Racial/ethnic Disparities in Cardiovascular Mortality Attributable to PM 2.5 Components in the United States." Revise and Resubmit at ***Science Advances***.

Zang, Emma., Qinyou Hu*, Zitong Wang*. "Intrahousehold Property Ownership and Children's Outcomes in China."

Luo, Liying., **Emma Zang**, Kira England*. "The Concentration of Maternal Mortality among Disadvantaged Mothers, 1976-2018: A Decomposition Analysis."

Lou, Yifan., Xueqing Wang, **Emma Zang**., Yu Shi, Terrence Murphy, Joan Monin, Bei Wu, Terri Fried. "Are Dementia Caregivers Less Heathy Than Other Caregivers? Population Health Among Older Spousal Caregivers in the US."

Gong, Jiaowei., Yifan Lou, **Emma Zang**. "Unplanned Misallocation: Gender and Spousal Spillover Effects of Retirement on Time Use."

Work In Progress

Zang, Emma., Meera Choi*, Melissa Tian*. "Childhood Upward Mobility Context and Health in Early Adulthood."

Zang, Emma., Xi Yang, Zitong Wang*, Ang Sun. "Property Division Law and Investment in Household Public Goods: Evidence in China."

Zang, Emma., Keitaro Okura, Haolun Li. "Teenage Pregnancy's Spillover Effects Revisited"

Li, Haolun., **Emma Zang**. "Clean Air Act 1990 and Its Long-Term Impact on Children's Educational Performance."

Zang, Emma., Yining Yang. "Protests and Healthcare Utilization"

Xia, Fan., Haolun Li, Kai Chen, **Emma Zang**. "Racial Disparities in the Impact of Air Pollution on Student Outcomes."

Lu, Siyao., Finn Dobkin, Kai Chen, **Emma Zang**. "Long-term Racialized Effects of the Clean Air Act on Older Adult Mortality from 1982 to 2000."

Zang, Emma., Siyao Lu*, Kelly Musick. "A Remote Work Baby Boom? Remote Work and Fertility in the United States"

Software Packages

Zang, Emma., Xuezhixing Zhang, Scott Lynch. "bayesmlogit: Bayesian Multistate Life Table Method for Complex State Spaces" (GitHub, CRAN)
Zang, Emma., Justin T. Max. "BayesTraj: Bayesian estimation of Group Based Trajectory Models" (GitHub)

Books, Book Chapters, and Translations

Book Chapters

Max, Justin T. and **Emma Zang**. (2019). "Semiparametric Methods." In Encyclopedia of Gerontology and Population Aging, Danan Gu and Matthew E. Dupre (eds.). New York: Springer.

Land, Kenneth C., Vicki L. Lamb, and **Xiaolu Zang**. (2017). "Scalability of Composite Indices: Complexity Complications and Findings from 15 Years of Monitoring Child and Youth Well-Being in the United States." In Dealing With Complexity in Society: From Plurality of Data to Synthetic Indicators, Giovanna Boccuzzo and Filomena Maggino (eds.). New York: Springer.

Land, Kenneth C., Vicki L. Lamb, and **Emma Zang**. (2017). "Objective and Subjective Indices of Well-Being: Resolving the Easterlin Happiness-Income Paradox." In Metrics of Subjective Well-Being: Limits and Improvements, Gael Brule and Filomena Maggino (eds.). New York: Springer.

English-to-Chinese Book Translations

Chen, Shuang, **Xiaolu Zang**, and Yi Liu. (2013). "China Multi-Generational Panel Dataset-Liaoning (CMGPD-LN) User Guide"

Zang, Xiaolu. (2017). "Multivariate General Linear Models (Haase, Richard F., Sage Quantitative Applications in the Social Sciences, No. 170. Newbury Park: Sage. 2011)," Shanghai: Truth & Wisdom Press.

Zang, Xiaolu. (2017). "Maximum Likelihood Estimation: Logic and Practice (Eliason, Scott R., Sage Quantitative Applications in the Social Sciences, No. 96. Newbury Park: Sage. 1993)," Shanghai: Truth & Wisdom Press.

Other Writing, Selected Popular Articles, and Interviews

Research Reports & Briefs

Lyttelton, Thomas.,* **Emma Zang**. "The Spread of COVID-19 in U.S. Workplaces and the Role of the Occupational Health and Safety Administration." Scholars Strategy Network Policy Brief. 2021.

Lyttelton, Thomas.,* **Emma Zang**, Kelly Musick. "Before and During COVID-19: Telecommuting, Work-Family Conflict, and Gender Equality". Council for Contemporary Families Policy Brief. 2020.

Land, Kenneth C., Lamb, Vicki., and **Emma Zang**. (2015-2017). "Center for Child and Family Policy Child and Youth Well-Being Index (CWI) Report". Center for Child and Family Policy, Duke University.

Op-Eds and Public Writing

The Society Pages: When childcare centers close: Who takes care of America's children?
N.IUSSP: Fertility differentials in the USA: the interplay of ethnicity and education
The Society Pages: Having An Academically Successful Older Sibling May Be More Important for Children in Disadvantaged Families
Instats: The Clarity of Bayesian Inference
VISIBLE Magazine: Wealth Does Not Protect Black Americans From Poor Health— In Some Ways, It May Make Them Sicker
VISIBLE Magazine: The COVID-19 Outbreak and The Flexibility of Remote Work Have Sparked an Explosion of Homeschooling
NBC News: The TikTok Pigtails Trend Should End Now
VISIBLE Magazine: Building Corporate Culture Is Not An Excuse To Push Back Remote Work
The Hill: Remote Work Is a Saving Grace — And Can Increase Productivity
The Hill: Remote Work Might Solve The Family Care Crisis for Immigrants
The Quint (India): Why India & China Must Rethink Practices of Dowry & Bride Price

Interviews

The Macao News: Workplace policies could ease Macao's birth rate woes, experts say
Good Housekeeping: The Secret to Raising High-Achieving Kids? It Could Be Their Siblings

YaleNews: Study: Sex-selective abortion bans harm maternal and infant health
CNN: China used to fine couples for having too many babies. Now it can't pay them enough
Reuters: China unveils childcare subsidies in push to boost fertility
China Global Television Network: Childcare Subsidy a Good Start, But Not Enough, Says Yale Professor
New York Times Magazine: The Surprising Ways That Siblings Shape Our Lives
YaleNews: Boosting Fertility with Remote Work: ISPS and MacMillan Center Introduce Grants for Studies on Global and Domestic Issues
YaleNews: Creating Global Impact Through Yale's Data-Driven Social Sciences
WRAL-TV: Air Pollution Can Hurt Students' Grades, But Electric Buses Could Help
Yale Daily News: Yale researchers identify racial disparities in clean air access
China Global Television Network: Emma Zang on China's Marriage Rate
YaleNews: Benefits of later school entry for kids spill over to younger siblings
FactCheck.org: No evidence excess deaths linked to vaccines, contrary to claims online
Connecticut Public Radio: Yale pandemic study finds working moms multitask more, facing higher cognitive burden
WSHU Public Radio: Parents working remote spent more time with their children during COVID, Yale study finds
NBC Connecticut: Yale Study Shows More Parenting During the Pandemic
YaleNews: Juggling act: New insights into parenting during the pandemic
YaleNews: Study reveals disparities in childbearing by race and education level
The Hour: Connecticut had the second-highest increase in births from 2020-21, CDC data says
WalletHub.com: 2022's Best & Worst States for Working Dads
Deseret News: If you're all work and no play, you're like a lot of American employees
Yale Daily News: Yale Study Links Ozone Exposure to Cognitive Decline in Older Adults
Yale Daily News: Yale Physicians Take Part in OpEd Project
Deseret News: To Boost The Birth Rate, The Government May Need to Send Families More Cash
Deseret News: Who's Helping Around The House? It's A He Said, She Said Situation
Vox: For Women, Remote Work Is A Blessing and A Curse
Axios: The World's Population Growth Is Slowing, And That's OK
The Lily (Washington Post): Parents Want to Work From Home for Good. But for Moms, the Effects Could Be Dire
BBC World News: China Housework Compensation
The Breadwinners podcast: The Good, Bad + Ugly of Pandemic Life
The Boston Globe: In Shift to Work from Home, Women Are Falling Behind
YaleNews: Study Reveals Gender Inequality in Telecommuting
YaleNews: Study Shows Effects of Chinese Divorce Law on Women's Wellbeing
Yale MacMillan Report: The Impact of Chinese Divorce Reform
YaleNews: Yale Study Examines Shifts in Fertility Rates among Generation X Women
MedicalResearch.com:College Educated Generation-Xers Increasingly Having Three Children
Yale Office of Public Affairs: Aging Differences in Chinese Men and Women
WUNC: Life Expectancy Down For Gen-Xers and Millennials
Radio Free Asia: 中国女性的婚育选择(上)— "指望婚姻,不如指望房子"

MoneyToday: 비대면 업무, 효율성만 강조하면 혼란 온다
MoneyToday: 코로나가 젠더에 미친 영향. . . "여성이 남성보다 더 고통
MoneyToday: 예일대 교수 "가짜일 시키는 직장상사, 하이어라키 때문"
ThePaper.cn: 婚姻法对房产权的判定如何影响女性幸福感？
The Ms-Muses on *WeChat*: 童年期与奶奶同住，成年后死亡率高？
yansu de renkouxue bagua on *WeChat*: 房产证加不加ta名字？婚姻法如何改变你的生活

Grants

Under Review - External

Agency: National Institute on Aging
I.D.# 1 R01 AG093821-01
Title: "Unraveling Geographic Disparities in ADRD Outcomes Across the United States: Exploring the Multifaceted Interplay of Contextual Factors Throughout the Life Course."
Role: PI
Total costs: $3,386,204
Project period: 04/01/25 - 03/31/30
Status: Submitted

Agency: Russell Sage Foundation
I.D.# R-2507-55134
Title: "Seeing Inequality: Building a Visual Neighborhood Disadvantage Index to Understand Educational Disparities in North Carolina."
Role: PI
Total costs: $75,000
Project period: 09/01/26 - 09/01/28
Status: Invited submission

Awarded - External

Agency: Russell Sage Foundation
I.D.# R-2403-47850
Title: "What Kind of Flexibility Matters and for Whom? How Couples' Remote Work and Flexible Schedules Shape Gender Inequality."
Role: PI (Co-PI: Laura Adler)
Total costs: $75,000
Project period: 09/01/25 - 09/01/27
Status: In Progress

Agency: Eunice Kennedy Shriver National Institute of Child Health and Human Development
I.D.# R01HD094081 (The National Couples' Health and Time Study)
Total costs: 8 survey questions with no costs
Status: In Progress

Agency: The Life Course Center, University of Minnesota Twin Cities
Title: "Geographic Contexts Across the Life Course and Cognitive Health in Emerging Aging Cohorts in the United States."
Role: PI
Total costs: $78,634
Project period: 07/01/25-06/30/26
Status: Pending renewal of the center from NIA

Agency: The Alzheimer's Association and the National Alzheimer's Coordinating Center (NACC)
I.D.# 1275911 (New Investigator Award Program)
Title: "Care Recipients' Health Trajectories and Unpaid Caregiving Costs."
Role: PI
Total costs: $148,500
Project period: 06/01/24-05/31/26
Status: In Progress

Agency: National Institute on Aging
I.D.# R24AG045061 (The Network on Life Course Health Dynamics and Disparities in 21st Century America)
Role: PI of the Pilot Project – "Unraveling Geographic Disparities in ADRD Outcomes Across the United States: Exploring the Multifaceted Interplay of Contextual Factors Throughout the Life Course."
Total costs: $35,000
Project period: 10/01/23-06/30/24
Status: Completed

Agency: The Hong Kong Research Grant Council
I.D.# 14602223
Title: "The Cultural Consequences of AI Extrapolations: On Differences and Stereotyping in Machine Learning"
Role: Co-I (PI: Xuenan Cao)
Total costs: HK$460,000
Project period: 01/01/24-12/31/25
Status: In Progress

Agency: National Institute on Aging (GEMSSTAR)
I.D.# R03 AG078942-01
Title: "Socioeconomic Disadvantage and Disability Following Critical Illness Among Older Persons: The Role of Rehabilitation"
Role: Co-I (PI: Snigdha Jain)
Total costs: $167,000
Project period: 07/01/22- 06/31/24
Status: Completed

Agency: National Institute on Minority Health and Health Disparities
I.D.# 1R01MD017298-01

Title: "A Multifactorial Approach to Evaluating Disparities in Outcomes after Major Surgery in Disadvantaged Older Persons"
Role: Co-I (PI: Thomas Gill & Robert Becher)
Total costs: $2,620,429 ($65,242 allocated to me)
Project period: 04/01/22-03/31/26
Status: In Progress

Agency: National Institute on Aging
I.D.# 1R21AG074238-01
Title: "Linked Lives, Linked Health: Health Trajectories of Persons with Cognitive Impairment and Their Caregivers' Health"
Role: PI
Total costs: $472,884
Project period: 09/05/21-05/31/23
Status: Completed

Agency: Eunice Kennedy Shriver National Institute of Child Health and Human Development
I.D.# 5-R25-HD083146 (Panel Study of Income Dynamics Small Grants for Research Using Data from CDS and TAS)
Role: PI of the Small Grant – "Does Low-Opportunity Environment Affect Blacks and Whites Differently? Race, Economic Opportunity Context and Early Adult Health."
Total costs: $11,976
Project period: 05/01/20-10/30/21
Status: Completed

Agency: The National Science Fund of China for Distinguished Young Scholars
Title: Family Instability and Educational Inequality in the Transitioning Chinese Society
Role: Co-I (PI: Angran Li)
Total costs: RMB 200,000 (approx $29,268)
Project period: 09/01/20-08/30/23
Status: Completed

Agency: The National Science Fund of China for Distinguished Young Scholars
Title: A Spatial Analysis of the Second Demographic Transition in China
Role: Co-I (PI: Donghui Wang)
Total costs: RMB 200,000 (approx $29,268)
Project period: 09/01/21-09/01/24
Status: In Progress

Agency: National Institute on Aging
I.D.# P30 AG21342 (Claude D. Pepper Older Americans Independence Center)
Role: PI of the REC-Biostatistics Core Development Project –"Quality of Life Among Older Spousal Dementia Caregivers: A Multifactorial Approach."
Total costs: $58,625
Project period: 07/01/20-06/30/21
Status: Completed

Agency: Ministry of Education of the People's Republic of China
I.D.# 0903277
Title: National Undergraduate Innovating Experimentation Project – "Mental Health Problems Among Teenagers in Reconstituted Families."
Role: PI
Total costs: RMB 5000 (approx. $710)
Project period: 09/01/09-05/01/12
Status: Completed

Awarded - Internal

Agency: Poorvu Center for Teaching and Learning
Title: AI Course Revision Pilot Grant
Role: PI
Total costs: $2,000
Project period: 07/01/25-06/30/26
Status: In Progress

Agency: The ISPS-MacMillan Multidisciplinary Research Fund
Title: "A Remote Work Baby Boom? Remote Work and Fertility in Three OECD Countries."
Role: PI
Total costs: $15,000
Project period: 07/01/24-06/30/25
Status: In Progress

Agency: Yale School of Management
Title: "What Kind of Flexibility Matters? How Flexible Location and Flexible Schedule Shape Gender Inequality at Home and Work."
Role: PI (Co-PIs: Laura Adler, Julia DiBenigno)
Total costs: $52,250
Project period: 07/01/24-06/30/25
Status: In Progress

Agency: The Whitney and Betty MacMillan Center for International and Area Studies, Yale University
Title: "Women in the Dilemma of Divorce: The Impact of the 2011 Judicial Interpretation on Property Division in Divorce Court Cases."
Role: PI
Total costs: $18,000
Project period: 07/01/24-06/30/25
Status: In Progress

Agency: Institution for Social and Policy Studies, Yale University
Title: "Willing to Pay to Work from Home? Understanding US Workers' Post-Pandemic Preferences for Remote Work."
Role: PI (Co-PI: Laura Adler)
Total costs: $5,000

Project period: 06/01/24-05/30/25
Status: In Progress

Agency: Institution for Social and Policy Studies, Yale University
Title: “What Kind of Flexibility Matters? How Flexible Location and Flexible Schedule Shape Gender Inequality at Home and Work."
Role: PI (Co-PI: Laura Adler)
Total costs: $7,500
Project period: 01/01/24-01/01/25
Status: In Progress

Agency: Planetary Solutions Project seed grant program, Yale University
Title: “Breathing Inequality: Air Pollution and Cardiovascular Health in the US."
Role: Co-I (PI: Kai Chen and Yuan Lu)
Total costs: $80,000
Project period: 07/01/23-06/30/24
Status: In Progress

Agency: Education Studies Program, Yale University
Title: “Clean Air Act Amendment 1990 and Educational Performance: Evidence from North Carolina"
Role: PI
Total costs: $10,000
Project period: 11/01/22-10/30/23
Status: In Progress

Agency: Tobin Center for Economic Policy, Institution for Social and Policy Studies, and Faculty of Arts and Sciences, Yale University
Title: Pre-doc Matching Funds
Role: PI
Total costs: $72,765
Project period: 07/01/22-07/01/24
Status: In Progress

Agency: The Whitney and Betty MacMillan Center for International and Area Studies, Yale University
Title: “Intrahousehold Property Ownership and Children’s Academic Outcomes in China."
Role: PI
Total costs: $12,000
Project period: 07/01/20-06/30/21
Status: Completed

Agency: Sanford School of Public Policy, Duke University
Title: Sanford Small Grant
Role: PI
Total costs: $3,000
Project period: 09/01/14-05/01/19
Status: Completed

Awards and Honors

2025 Next Generation Leaders, Committee of 100

2024 Office of Health Equity Research Award for Yale Research Excellence

2023 IMPACT Faculty Scholar, the IMPACT Collaboratory, National Institute on Aging

2023 Finalist, Office of Health Equity Research Award for Yale Research Excellence

2022 IPUMS Time Use Research Award

2022 Early Career Faculty Scholarship, OAIC National Coordinating Center, National Institute on Aging

2019 Butler-Williams Scholar, National Institute on Aging

2019 Graduate Student Research Paper Award, the Section on Asia & Asian America, American Sociological Association

2019 Chinese Government Award for Outstanding Self-Financed Students Abroad, China Scholarship Council

2018 Everett S. Lee Graduate Paper Award, Southern Demographic Association

2016 Kerckhoff Award, the ISA Research Committee 28 on Social Stratification and Mobility

2014 Tilly Graduate Student Paper Award, Social Science History Association

2012 Best Thesis Award, Tongji University

2012 Shanghai Most Outstanding Undergraduate, Shanghai Municipal Education Commission

2011 Most Outstanding Graduate, Tongji University

2010 *Qing Nian Heng Hao* Chinese National Non-Profit Program Design Award

2009 Best Paper Award, Social Science Forum for Undergraduates in Shanghai

2005 Chinese National High School Students Computer Science Contest Award

Fellowships and Scholarships

2021 Public Voices Fellowship, Yale Women Faculty Forum

2021 Early Career Reviewer Program, National Institutes of Health

2021-22 Visiting Fellowship, Center for Health and Wellbeing, Princeton University

2021-22, 2024 Junior Faculty Fellowship, Faculty of Arts and Sciences, Yale University

2017-18 Kenan Graduate Fellowship, the Kenan Institute for Ethics, Duke University

2015-17	Summer Research Fellowship, Duke University
2014-17	JK Swire Memorial Scholarship, University of Oxford (Declined)
2014-15	Doctoral Fellowship, Duke University
2012-14	Research Postgraduate Studentship, the Hong Kong University of Science and Technology
2011-12	Erasmus Mundus Scholarship, European Commission
2008-12	Academic Merit Scholarship, Tongji University

Travel Awards and Funded Workshops

2024	CAPS-CPR Fellow , Workshop on U.S. State Policies, Population Health, and Aging, Syracuse University
2022	Scholarship, Alzheimer's Association Interdisciplinary Summer Research Institute
2022	Scholarship, Summer Institute on Biological Approaches in the Social Sciences, Russell Sage Foundation
2021	Scholarship, Proposal Development Summer Institute, Russell Sage Foundation and Bill and Melinda Gates Foundation
2019	Dean's Office Travel Award, Faculty of Arts and Sciences, Yale University
2018	Conference Travel Award, Duke University Graduate School
2018	Travel Award, Paul and Marcia Wythes Center on Contemporary China, Princeton University
2018	Travel Award, Gender, Sexuality and Feminist Studies, Duke University
2018	Travel Award, Asian/Pacific Studies Institute, Duke University
2017	Scholarship, RAND Summer Institute, RAND Corporation
2016, 2020	Scholarship, Formal Demography Workshop, University of California, Berkeley
2016	Scholarship, Fragile Families Summer Data Workshop, Columbia University
2015-18	Travel Award, Duke Population Research Institute
2014	Travel Award, Population Association of America
2013	Research Travel Award, the Hong Kong University of Science and Technology
2012	Scholarship, China Multi-Generational Panel Data Series (CMGPD) Workshop

Teaching Experience

Instructor

Bayesian Hierarchical Models in R, Department of Psychology, University of Basel, Switzerland (Spring 2023)

Bayesian Statistics for Social and Health Scientists in R and Python (in both Chinese and English), Instats (Spring 2023)

Introduction to Population Studies, Yale University (Spring 2021 (50 students), Fall 2024 (117 students))

Inequality and Social Change in China, Yale University (Fall 2020 (8 students), Spring 2023 (19 students), Spring 2025 (15 students), Fall 2025)

Intermediate Methods in Quantitative Sociology, Yale University (Spring 2020 (13 students), Spring 2025, Spring 2026)

Introduction to Methods in Quantitative Sociology, Yale University (Fall 2019 (10 students), Fall 2025)

Math Workshop for Incoming Sociology Graduate Students, Yale University (Fall 2019)

Quantitative Analysis of Sociological Data, Duke University (2018 Summer)

Teaching Assistant

PUBPOL 303, Microeconomic Policy Tools, Duke University (2018 Spring, 2019 Spring)

ECON 521, Evaluation of Public Expenditures, Duke University (2017 Fall, 2018 Fall)

SOSC 5240, Ethnicity, Hong Kong University of Science and Technology (2013 Fall)

Guest Lecturer

"Obtaining Population-Based Estimates for Survey Data Using Bayesian Hierarchical Models with Poststratification", Big Data Summer Immersion at Yale, Yale School of Public Health, 2025

"The Theory of Consumer Choice", Microeconomic Policy Tools, Duke University, 2018

"Introduction to Macroeconomics", Microeconomic Policy Tools, Duke University, 2018

"Educational Inequality in Contemporary China", Social Change in Contemporary China, Hong Kong University of Science and Technology, 2013

Professional Service

Population Association of America

Organizer, Public Policy and Population Health, 2026 Annual Meeting

PAA Advocacy Day, 2025

Discussant, Segregation in the Labor Market: Causes and Consequences, 2024 Annual Meeting

Discussant, Parenthood, Health, and Well-Being, 2022 Annual Meeting

Organizer and Chair, Methodological Innovations in Mortality, 2022 Annual Meeting

Chair, Marital Relationships and Well-Being, 2019 Annual Meeting

Discussant, Mathematical Demography, 2019 Annual Meeting

Poster Session Judge, Health and Mortality I, 2019 Annual Meeting

Discussant, Health Disparities and the Life Course, 2018 Annual Meeting

American Sociological Association

Mentor, Section on Population, 2025

Riley Distinguished Scholar Award Committee, Section on Aging and the Life Course, 2025

BIPOC Student Travel Grants Committee, Section on Aging and the Life Course, 2024

Reception Mentor, Section on Aging and the Life Course, 2024

Student Paper Award Committee, Section on Aging and the Life Course, 2024

Faculty Mentor, Section on Inequality, Poverty, and Mobility, 2023

Faculty Mentor, Section on Aging and the Life Course, 2023

Organizer, Section on Aging and the Life Course Roundtables and Research Working Groups, 2023

Council Member, Aging and the Life Course Section, 2022-2025

Book Award Committee, Section on Inequality, Poverty, and Mobility, 2022

Session Discussant, Health, Mortality, and Inequality, 2021 Annual Meeting

Panelist, Professional Development Workshop, Section on Asia and Asian America, 2021

Graduate Student Paper Award Committee, Section on Inequality, Poverty, and Mobility, 2021

Graduate Student Research Paper Award Committee, Section on Asia and Asian America, 2020

The Gerontological Society of America

Program Abstract Reviewer, 2020 Annual Scientific Meeting

Symposium Organizer and Chair, Aging Support, Health and Well-being of the Elderly in China and Japan, 2019 Annual Scientific Meeting

The Interdisciplinary Association for Population Health Science

Mentoring Awards Committee Chair, 2021-2023

Chair and Organizer, Session on Aging, 2020 Annual Meeting

Mentoring Award Committee, 2020

Mentor, Mentoring Program, 2020

Program Committee, 2020 Annual Meeting

Poster Session Judge, 2019 Annual Meeting

International Sociological Association

Session Chair, Migration and Ethnicity II, ISA RC 28 Summer Meeting, 2016

International Chinese Sociological Association

Speaker, Graduate Students Mentoring and Job Searching, 2020

Session Chair, Marriage and the Family, 2019 Annual Meeting

Editorial board

Journal of Health and Social Behavior, 2023-2025

Manuscript Reviewer

**Journal of Marriage and Family*, *Journal of Health and Social Behavior*, *Social Forces*, *American Sociological Review*, *American Journal of Sociology*, *European Sociological Review*, *Social Science Research*, *Demography*,

Population Research and Policy Review, *European Journal of Population*, *Journal of Housing and the Built Environment*, *Applied Research in Quality of Life*, *Journal of Happiness Studies*, *Community, Work & Family*, *Research in Social Stratification and Mobility*, *Demographic Research*, *Population Studies*, *Sociological Methods and Research*, *Social Problems*, *Sociological Methodology*, *British Journal of Sociology*, *Sociological Science*

**Social Science & Medicine*, *Journal of Racial and Ethnic Health Disparities*, *American Journal of Public Health*, *Journal of Gerontology: Social Sciences*, *Journal of Aging and Health*, *BMC Geriatrics*, *Journal of Gerontology: Medical Sciences*, *SSM-Mental Health*, *Aging and Health Research*, *Age and Ageing*, *Advances in Life Course Research*, *Journal of the American Geriatrics Society*, *The Gerontologist*, *BMC Public Health*

**Journal of the American Statistical Association*, *PLOS ONE*, *The Journal of the Economics of Ageing*, *Review of Economics of the Household*, *Journal of Human Resources*, *Science Advances*,*The B.E. Journal of Economic Analysis and Policy*, *Environmental Pollution*, *Health Economics*, *Infant and Child Development*, *The Proceedings of the National Academy of Sciences*

Grant Reviewer

Alzheimer's Association, New Investigator Award Program
Social Sciences and Humanities Research Council of Canada
National Science Foundation, Economics Program
National Institute of Health, Social Sciences and Population Studies Study Section A (SSPA)

University Service

2024-25 Yale College Executive Committee, Envisioning AI at Yale Symposium Review Committee

2022-23 Yale University Fulbright Study/Research Grants Committee, Yale University Committee on Majors

2021-22 Yale University Fulbright Study/Research Grants Committee, Yale University Committee on Majors

2020-21 Yale University Committee on Majors

2011-12 Tongji University Student Congress Standing Committee

2010-11 Tongji University School of Politics and International Relations Student Union President

Department Service

Yale University Department of Sociology

2025-26 Center for Empirical Research on Stratification and Inequality Seminar Organizer, Senior Faculty Search Committee

2024-25 Junior Faculty Search Committee Diversity Representative

2022-23 Center for Empirical Research on Stratification and Inequality Seminar Organizer, Graduate Admission Committee

2020-21 Center for Empirical Research on Stratification and Inequality Seminar Organizer, Graduate Admission Committee

2019-20 Work in Progress Seminar Organizer, Junior Faculty Search Committee Diversity Representative, Center for Empirical Research on Stratification and Inequality Seminar Organizer, Undergraduate Affairs and Mildred Priest-Frank Prize Committee

Yale University Council on East Asian Studies

2024-25 Visiting Scholars Committee, China Colloquium Series Host (2 seminars)

2024-25 Postdoctoral Associates Selection Committee, China Colloquium Series Host (2 seminars)

2022-23 China Colloquium Series Host (3 seminars), Postdoctoral Associates Selection Committee

2021-22 China Colloquium Series Host (2 seminars)

2020-21 China Colloquium Series Host (3 seminars)

Graduate School Service

2017-18 Graduate Research Workshop Organizer, Sanford School of Public Policy, Duke University

2013-14 Teaching Assistant Coordinator, Division of Social Science, the Hong Kong University of Science and Technology

Student Advising

Pre-docs

Yan Zhou, Yale University Tobin Center for Economic Policy (Placement: Ph.D. in Sociology at Brown University)

Postdocs

Yifan Lou, Department of Internal Medicine, Yale School of Medicine (Placement: Assistant Professor of Social Work, Virginia Commonwealth University)

Yongxin Shang, Yale University Department of Sociology

Ph.D. Dissertation Committee Chair

Siyao Lu, Yale University Sociology

Jason Wong, Yale University Sociology

Ph.D. Dissertation Committee

Thi Vu, Social and Behavioral Sciences, Yale School of Public Health

Natalia Festa, Yale University Investigative Medicine

Milly Yining Yang, Yale University Sociology

Zoey Xueqing Wang, Princeton University Sociology

Mengyao Hu, New York University Nursing

Other Graduate students

Tianqi Chen (Ph.D. Dissertation Reader), Biostatistics, Yale School of Public Health

Zhuoer Lin (Ph.D. Dissertation Reader), Health Policy and Management, Yale School of Public Health

Yiqun Ma (Ph.D. Dissertation Reader), Environmental Health Sciences, Yale School of Public Health

Joyce Xinxin Wang (M.A. Faculty Mentor), Yale University East Asian Studies

Keitaro Okura (Ph.D. Dissertation Proposal Committee), Yale University Sociology

Jeffrey Sachs (Ph.D. Dissertation Proposal Committee), Yale University Sociology

Undergraduate students

Kaylee Chen (Senior Thesis Advisor), Yale Statistics & Data Science

Julia Oakley (Senior Thesis Advisor), Yale Sociology

Yichi Liu (College Advisor), Yale College

Sherrie Wang (Senior Thesis Advisor), Yale Sociology

Mona Chen (College Advisor), Yale College

Charlene Jamie Miciano (College Advisor), Yale College

Mengfei Shen (Senior Thesis Advisor), Yale East Asian Studies

Ayeza Bajwa (Senior Thesis Advisor), Yale Sociology

Invited Talks and Panels

International

2025 University of Tokyo Department of Sociology

2024 Peking University Department of Sociology, International Conference on Econometrics and Statistics Panel on Statistical Demography, Hong Kong University Population and Health Seminar, The Chinese University of Hong Kong Department of Sociology, The Hong Kong University of Science and Technology Division of Social Sciences, Renmin University of China School of Economics & Finance, Yale Center Beijing, Peking University Institute of Population Research

2022 Peking University Department of Sociology

2021 Yale Center Beijing, The Global Solutions Summit, MoneyToday K.E.Y. Platform, Renmin University of China School of Sociology and Population Studies, The French National Institute for Statistics and Economic Studies

2020 Shanghai University Applied Social Science Methodology Summer Workshop, The Chinese University of Hong Kong Center for Chinese Family Studies

2018 National University of Singapore Department of Sociology, McGill University Department of Sociology, New York University Abu Dhabi Social Research and Public Policy

United States

2025 Stanford University Shorenstein Asia-Pacific Research Center, Boston University Department of Sociology, California Center for Population Research, Yale School of Medicine Interdisciplinary Stress Seminar Series, Syracuse University Center for Policy Research and Center for Aging and Policy Studies, Yale University Office of the Provost, Korean Political Studies Colloquium, Asia Society Policy Institute, Work and Family Researchers Network, Yale's Office of Career Strategy, Yale Institute for Foundations of Data Science

2024 MIT Sloan Institute for Work and Employment Research, The USC/UCLA Center of Biodemography and Population Health, University of Massachusetts Boston Department of Gerontology,

The Network on Life Course Health Dynamics and Disparities, Yale School of Medicine Center for Brain & Mind Health, University of Minnesota Network for Data-Intensive Research on Aging, Syracuse University Center for Aging and Policy Studies, Yale School of Public Health Department of Biostatistics, Yale China Forum; Yale Center for Empirical Research on Stratification and Inequality, National Academy of Sciences Committee on Population, Yale Foundations of Data Science, University of Wisconsin–Madison Department of Sociology, Indiana University Bloomington Department of Sociology, Yale Data-Intensive Social Science Center AI Lighting Talk

2023 University of Michigan Center for Japanese Studies, ION Group, University of Maryland Time Use Data for Health and Well-Being Conference, Syracuse University Maxwell School of Citizenship and Public Affairs, Indiana University Social Science Research Commons, Harvard University Social Demography Seminar

2022 Princeton University Center for Health and Wellbeing, Yale School of Medicine Program on Aging, Duke Aging Center, University of Michigan Population Studies Center, University of California - Berkeley Department of Demography, Princeton Biosociology Research Group, Yale Institute for Foundations of Data Science, University of Michigan Center on the Demography of Aging

2021 The University of Chicago Department of Sociology, Princeton Biosociology Research Group, Princeton University Center on Contemporary China, Duke University Sanford School of Public Policy, University of Michigan PSID User Conference, Brown University Population Studies and Training Center, Maryland Population Research Center, Princeton Office of Population Research, Boston College Department of Sociology

2020 University of Wisconsin-Milwaukee Department of Sociology, Yale School of Medicine Program on Aging, Yale University Institution for Social and Policy Studies, Yale Gender in the Social Sciences Workshop, Yale Comparative Research Workshop

2019 Yale Council on East Asian Studies, Yale Institute of Network Science

2018 Vanderbilt University Department of Sociology, Yale University Department of Sociology, New York University Department of Sociology, Utah State University Department of Sociology

Selected Conference Presentations

Wong, Jason., **Emma Zang**. "Regional Disparities in Cognitive Life Expectancy: The Role of Birth and Current Residence in the United States."

– PAA (2025)

Xu, Jiahui., **Emma Zang**. "Estimating Treatment Effects With Sibling Spillovers and Family Confounding."

– PAA (2025), ASA Methodology (2025)

Xia, Fan., **Emma Zang**, Haolun Li, Riyang Liu, Kai Chen. "Racial Disparities in the Impact of Air Pollution on Student Outcomes."

– PAA (2025)

Wong, Jason., **Emma Zang**, Jennifer Karas Montez. "Life Course Exposure to State Policy Liberalism Contexts and Later-Life Cognitive Health."

– PAA (2025), ASA (2025)

Zang, Emma., Siyao Lu, Kelly Musick. "A Remote Work Baby Boom? Remote Work and Fertility in the United States."

– ASA (2024), Remote Work Conference (2025)

Lou, Yifan., Jiaowei Gong, **Emma Zang**. "Care Recipients' Cognitive Trajectories and Caregivers' Depressive Symptoms: The Mediating Role of Caregiving Burden."

– NHATS/NSOC Dementia Care Conference (2024)

Jiang Hantao, Yiting Wang, Yifan Lou, **Emma Zang**. "Health Trajectories of Persons With Cognitive Impairment and Their Caregivers' Caregiving Intensity and Difficulties."

– PAA (2024)

Gong, Jiaowei., Yifan Lou, **Emma Zang**. "Unplanned Misallocation: Gender and Spousal Spillover Effects of Retirement on Time Use."

– ASA (2024), PAA (2024)

Lu, Siyao., Jason Wong, Yifan Lou, **Emma Zang**, Deborah Carr. "A Novel Time Use Approach on Successful Aging: Racial Disparities in Daily Productive Engagement."

– PAA (2024), University of Maryland Time Use Conference (2024)

Xueqing Wang, Xuezhixing Zhang, **Emma Zang**. "Racial/Ethnic Disparities in Marital Status and Living Arrangement Transitions among US Older Adults."

– PAA (2025), GSA (2023)

Monin, Joan K., Gail McAvay, **Emma Zang**, Brent Vander Wyck, Carmen I. Carrión, Heather Allore. "Associations between dementia staging, neuropsychiatric behavioral symptoms, and divorce or separation in late life: A case control study."

– GSA (2023)

Li, Haolun., **Emma Zang**. "Clean Air Act 1990 and Its Long-Term Impact on Children's Educational Performance."

– PAA (2024), Economic Demography Workshop (2023)

Luo, Liying., **Emma Zang**, Kira England, Yu Shi. "The Concentration of Maternal Mortality among Disadvantaged Mothers, 1976-2018: A Decomposition Analysis."

– PAA (2023)

Zang, Emma., Xueqing Wang, Yu Shi, Terrence Murphy, Bei Wu, Terri Fried. "Are Dementia Caregivers Less Healthy Than Other Caregivers? Population Health Among Older Spousal Caregivers in the US."

– PAA (2023)

Zang, Emma., Yining Yang, Jessica Calarco. "Patterns in Receiving Informal Help with Childcare Among US Parents During the COVID-19 Pandemic."

– PAA (2023)

Zang, Emma., Christina Gibson-Davis, Haolun Li. "Parental Wealth and Racial Gaps in Educational Attainment."

– PAA (2023)

Li, Angela., **Emma Zang**. "Race, Class, and the Impact of Highway Pollution on Child Outcomes."

– PAA (2023), APPAM (2022)

Zang, Emma., Michael Sobel, Liying Luo. "Diagonal Mobility Model: Past, Present, and Future."

– RC28 (2022)

Zang, Emma., Xi Yang, Zitong Wang, Ang Sun. "Property Division Law and Investment in Household Public Goods: Evidence in China."

– MIT Asia Real Estate Inaugural Symposium (2023), PAA (2022), China Economics Annual Conference (2022), The Society of Labor Economists (2022)

Zang, Emma., Xueqing Wang, Yu Shi, Bei Wu, Terri Fried. "Health Trajectories of Persons with Cognitive Impairment and Their Caregivers' Health."

– PAA (2023), NHATS/NSOC Dementia Care Conference (2022)

Zang, Emma., Poh Lin Tan, Zitong Wang. "Revisiting Time availability and Time Use: Evidence from the COVID-19 Lockdown in Singapore."

– PAA (2022)

Zang, Emma., Qinyou Hu, Zitong Wang. "Right-to-Work Law and its Impact on Mortality and Occupational Injuries."

– ASA (2024), PAA (2022)

Zang, Emma., Keitaro Okura, Yu Shi. "Sex-Selective Abortion Bans and Infant Health Among Asian Immigrant Mothers."

– IAPHS (2023), ASA (2023), APPAM (2022), PAA (2022)

Zang, Emma., Melissa Tian. "Upward Mobility Context and Health Outcomes and Behaviors in Emerging Adulthood: The Intersectionality of Race/Ethnicity and Gender."

– PAA (2022)

Lyttelton, Thomas., **Emma Zang**, Kelly Musick. "Changes in Mothers' and Fathers' Time at Home and Work During the Pandemic."

– WFRN (2022), PAA (2022)

Zang, Emma., Anna Guo, Christina Pao, Nancy Lu, Bei Wu, Terri Fried. "Trajectories of General Health Status and Depressive Symptoms among Persons with Cognitive Impairment in the United States."

– PAA (2022)

Zang, Emma., Meera Choi. "Childhood Upward Mobility Context and Health in Early Adulthood."

– PAA (2021), IAPHS (2021)

Zang, Emma., Jessica West, Nathan Kim, Christina Pao. "Regional Disparities in Physical Distancing during the COVID-19 Pandemic."

– PAA (2021)

Lyttelton, Thomas., **Emma Zang**. "Occupational Differences in Workers' Sickness-Related Absences during the COVID-19 Pandemic"

– PAA (2021)

Zang, Emma., Josefina Flores, Liying Luo, Drishti Baid. "Decomposing Rural-Urban Obesity Gap Over Time in the United States"

– PAA (2021)

Zang, Emma., Poh Lin Tan, Thomas Lyttelton, Anna Guo. "Convergence and Divergence in Spouses' Time Expenditures on Paid Labor, Housework and Childcare during the COVID-19 Pandemic: Evidence from Singapore."

– PAA (2021), "Pandemic Babies? The Covid-19 Pandemic and Its Impact on Fertility and Family Dynamics" conference (2021)

Zang, Emma., Qinyou Hu, Zitong Wang. "Intrahousehold Property Ownership and Children's Outcomes in China."

– PAA (2021)

Luo, Liying., **Emma Zang**, Jiahui Xu. "The Intersection of Time and Place: Cohort Patterns and Regional Differences in Obesity among Blacks and Whites, 1976-2018"

– PAA (2021)

Lyttelton, Thomas., **Emma Zang**, Kelly Musick. "Gender Differences in Telecommuting and Implications for Inequality at Home and Work"

– The Federal Reserve Board of Governors (2021), PAA (2021), RC28 (2020)

Zang, Emma., Nathan Kim. "Intergenerational Income Mobility Context and Early Adult Mortality: Does Race Play a Role?"

– PAA (2021), IAPHS (2019)

Zang, Emma. "The Spillover Effect of the Husband's Retirement on the Wife's Health in China."

– UPenn Population Health Science Workshop (2019), GSA (2019), ICSA (2019)

Zang, Emma, Scott M Lynch. "Regional Differences in Life Expectancy Disparities Between Populations With and Without Diabetes in the United States."

– IAPHS (2019), ASA (2019)

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