

Xue Zhang

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<https://scholar.google.com/citations?user=4Ai4v6QAAAAJ&hl=en&oi=ao>

<https://www.ncbi.nlm.nih.gov/myncbi/xue.zhang.3/bibliography/public/>

EDUCATION

Ph.D. in Regional Science, Dept. of City and Regional Planning, Cornell University, U.S. 2019
M.S. in Regional Science, Dept. of City and Regional Planning, Cornell University, U.S. 2016
M.S. in International Economics and Trade, Harbin Institute of Technology, China 2013
B.S. in International Economics and Trade, Harbin Institute of Technology, China 2011

ACADEMIC POSITION

Lerner Postdoctoral Scholar in Population Health, Lerner Center for Public Health Promotion,
Syracuse University 2022-present
Research Associate 2022
Departments of City and Regional Planning and Global Development, Cornell University
Postdoctoral Associate 2019-2022
Departments of City and Regional Planning and Global Development, Cornell University
Visiting lecturer 2021/2022 Spring
Department of City and Regional Planning, Cornell University
CRP 3850/5850: Special Topics: Introduction to Urban Data Science
CRP 5000: Urban Data Science Case Studies

PUBLICATIONS

Peer-refereed Journal Articles

Warner, M.E. & **Zhang, X.** Joint Use between Communities and Schools: Unpacking Dimensions of Power. *Community Development* (forthcoming)
Warner, M.E., Kelly, M.K., & **Zhang, X.** (2022). Challenging austerity under the COVID-19 state, *Cambridge Journal of Regions, Economy and Society*. rsac032, <https://doi.org/10.1093/cjres/rsac032>
Zhang, X., González Rivas, M., Grant, M., & Warner, M. E. (2022). Water pricing and affordability in the US: public vs. private ownership. *Water Policy*, 24(3), 500-516. <https://doi.org/10.2166/wp.2022.283>
Zhang, X. (2021). Linking people's mobility and place livability: implications for rural communities. *Economic Development Quarterly*. doi:[10.1177/08912424211045916](https://doi.org/10.1177/08912424211045916)
Zhang, X., Warner, M.E. & Grant M. (2021). Impact of water shutoff moratoria on COVID-19 infection and death rates across US States. *American Journal of Preventive Medicine*. 62(2), 149-156. <https://doi.org/10.1016/j.amepre.2021.07.006>

- Warner, M.E. & **Zhang, X.** (2021). Social Safety Nets and COVID-19 Stay Home Orders across US States: A Comparative Policy Analysis. *Journal of Comparative Policy Analysis* 23 (2), 176-190 doi.org/10.1080/13876988.2021.1874243
- Warner, M.E., Rivas, M. G., **Zhang, X.**, (2021) Viewpoint: Water equity, COVID-19 and the role of US cities and states. *Town Planning Review*. 92(2). doi.org/10.3828/tpr.2020.66
- Zhang, X.** & Warner, M.E. (2020). COVID-19 Policy Differences Across the US States: Shut Down, Reopen and Mask Mandates. *International Journal of Environmental Research and Public Health*. 17 (24), 9520. [doi:10.3390/ijerph17249520](https://doi.org/10.3390/ijerph17249520)
- Warner, M. E., **Zhang, X.**, & Rivas, M. G. (2020). Which states and cities protect residents from water shutoffs in the COVID-19 pandemic?. *Utilities Policy*, 67. [doi:10.1016/j.jup.2020.101118](https://doi.org/10.1016/j.jup.2020.101118)
- Zhang, X.**, Warner, M. E., & Wethington, E. (2020). Can Age-Friendly Planning Promote Equity in Community Health Across the Rural-Urban Divide in the US?. *International Journal of Environmental Research and Public Health*, 17(4), 1275. [doi:10.3390/ijerph17041275](https://doi.org/10.3390/ijerph17041275)
- Warner, M. E., & **Zhang, X.** (2020). Serving an ageing population: collaboration is key. *Local Government Studies*, 1-20. [doi:10.1080/03003930.2020.1787166](https://doi.org/10.1080/03003930.2020.1787166)
- Warner, M.E. & **Zhang, X.** (2020). Healthy Places for Children: the critical role of engagement, common vision and collaboration. *International Journal of Environmental Research and Public Health*. 17 (24), 9277. [doi:10.3390/ijerph17249277](https://doi.org/10.3390/ijerph17249277)
- Warner, M. E., & **Zhang, X.** (2019). Planning communities for all ages. *Journal of Planning Education and Research*. [doi:10.1177/0739456X19828058](https://doi.org/10.1177/0739456X19828058)
- Zhang, X.**, Warner, M. E., & Firestone, S. (2019). Overcoming Barriers to Livability for All Ages: Inclusivity is the Key. *Urban Planning*. [doi: 10.17645/up.v4i2.1892](https://doi.org/10.17645/up.v4i2.1892)
- Rukus, J., Warner, M. E., & **Zhang, X.** (2018). Community Policing: Least Effective Where Need Is Greatest. *Crime & Delinquency*, 64 (14), 1858-1881. [doi:10.1177/0011128716686339](https://doi.org/10.1177/0011128716686339)
- Zhang, X.**, Warner, M. E., & Homsy, G. C. (2017). Environment, Equity, and Economic Development Goals: Understanding Differences in Local Economic Development Strategies. *Economic Development Quarterly*, 31(3), 196-209. [doi:10.1177/0891242417712003](https://doi.org/10.1177/0891242417712003)
- Zhang, X.**, & Warner, M. E. (2017). Business retention and expansion and business clusters—A comprehensive approach to community development. *Community Development*, 48(2), 170-186. [doi:10.1080/15575330.2017.1285332](https://doi.org/10.1080/15575330.2017.1285332)

Edited Volumes

Special issue: Child-Friendly Planning and Public Health, *International Journal of Environmental Research and Public Health*, with Dr. Mildred E. Warner from Cornell University and Dr. Jason Reece from Ohio State University. (published). https://www.mdpi.com/journal/ijerph/special_issues/child-friendly_planning_public_health

Special issue: Schools, Children, and Community Development: Linkages, Challenges & Opportunities, *Community Development*, with Dr. Mildred E. Warner from Cornell University and Dr. Jason Reece from Ohio State University. (Under development).
https://www.comm-dev.org/images/Special_and_Thematic_Issues_Announcement_May_2021.pdf

Book Chapters

Warner, M.E., Gonzalez-Rivas, M., Grant, M., **Zhang, X.** 2020. Water Shutoff Moratoria in the United States: The Role of Cities and States Chapter 5, pp 85-100 in *Public Water and COVID-19: Dark Clouds and Silver Linings*, ed. by DA McDonald, S Spronk and D Chavez. Municipal Services Project (Kingston), Transnational Institute (Amsterdam) and Latin American Council of Social Sciences (CLASCO) (Buenos Aires).

<https://www.municipalservicesproject.org/publication/public-water-and-covid-19-dark-clouds-and-silver-linings>

Zhang, X., and Warner, M.E. (2019). "Business Retention and Expansion and Business Clusters - A Comprehensive Approach to Community Development," in Business Retention and Expansion (BRE): A Practical Approach to Economic Development, ed by Michael Darger, Alan Barefield and Brent Hales. Routledge, Taylor and Frances.

<https://www.routledge.com/Business-Retention-and-Expansion-BRE-A-Practical-Approach-to-Economic/Darger-Barefield-Hales/p/book/9780367730871>. Also published as Zhang, X, and Warner, M.E. (2017). "Business Retention and Expansion and Business Clusters - A Comprehensive Approach to Community Development," *Community Development*, 48(2):170- 186.

Professional Reports

Zhang, X. and M.E. Warner (2021). "The Relationship Between Water Shutoffs and COVID Infections and Deaths," Food and Water Watch Issue Brief, March 2021.

https://foodandwaterwatch.org/wp-content/uploads/2021/03/IB_2103_CornellWaterCOVID-WEB.pdf

Warner, M.E. & **Zhang, X.** (2021). Planning Across Generations: Are We Making Progress?. *Certified Senior Advisors Journal* 80(1).

https://cdn.ymaws.com/www.csa.us/resource/resmgr/docs/journals/journal_82/Warner.pdf

Firestone, S., Warner, M. E., & **Zhang, X.**, (2019). Planning Age-Friendly Cities across the Global. *AARP The Journal*. <https://www.aarpinternational.org/the-journal/current-edition/journal-articles-blog/2019/01/planning-age-friendly-cities-across-the-globe>

Elizabeth, A., Gitonga, B., McManus, C., Moretz, D., Valdes, M., & **Zhang, X.** (2014). "Sustainable Economic Development: Investments in People, Place and Business." The Creative Responses to Fiscal Stress Project, Dept. of City and Regional Planning, Cornell University. <http://cms.mildredwarner.org/p/248>

PAPER UNDER REVIEW AND WORK IN PROGRESS

Zhang, X., & Warner, M.E. Cross-agency collaboration to address rural aging: the role of county government (under review)

Zhang, X., & Warner, M.E. Lining urban planning, community environment, and physical activity: a socio-ecological approach (under review)

Warner, M.E. & **Zhang, X.** Age-Friendly Cities – Does Gender or Professional Management Make a Difference? (under review)

SELECTED CONFERENCE PRESENTATIONS

Connecting Physical Activity and Urban Planning: an Age-Friendly Ecological Model, **Annual Meeting of Rural Sociological Society**, Westminster, CO, 08/2022

Joint Use between Communities and Schools: Unpacking Dimensions of Power, **Association of Collegiate Schools of Planning**. Online 10/2021.

Healthy places, healthy people: the role of planning, built environment and social engagement, **Association of Collegiate Schools of Planning**. Online 10/2021.

Age Friendly Planning: Tompkins County and Beyond. **Upstate APA and NYS Planning Federation conference**, Online 10/2022

Age-Friendly Rural Communities - Linking Planning, Services and Health, **Annual Meeting of Rural Sociological Society**, Online 07/2021

Social Safety Nets and COVID-19 Stay Home Orders across US States: A Comparative Policy Analysis. **Virtual Research Seminar held by International Comparative Policy Analysis Forum, Cornell University & Tsinghua University**, Online 05/2021

Age Friendly Planning and Services: Research and National Project. **Community training virtual workshop held by Tompkins County Age Friendly Center for Excellence**, Online 04/2021

Fragmented and Politicized: US States' COVID-19 Policies, **Seoul National University**, Online 03/2021

Age-friendly Cities: Do Female Managers Matter? **Public Administration Review Symposium on Race and Gender**, Online 09/2020

Healthy Places for Children: the critical role of engagement, common vision and collaboration, **Association of Collegiate Schools of Planning**, Online 11/2020.

The Politicization of Public Health in the COVID-19 Response. **Cornell Health Equity Seminar Series**. Online, 07/2020

Linking People (mobility) and Place (livability): Implications for Rural Communities. **Conference Research Workshop held by W.E Upjohn Institute & Federal Reserve Bank of Chicago**. Kalamazoo, MI, 10/2019

Can Age-friendly Planning Promote Equity in Public Health Across the Rural-Urban Divide? **European Society for Rural Sociology Congress**. Trondheim, Norway, 06/2019

People's Mobility, Labor market disequilibrium, and Rural Development. **Annual Meeting of American Association of Geographers**. D.C., 04/2019

Rural Development: Spatial Mismatch and People's Mobility. **Trans-Atlantic Rural Research Network**. Ithaca, NY. 05/2018

De-Siloing Age-Friendly Planning Solutions. **American Planning Association.** New Orleans, LA. 04/2018

Planning Across Generations, Annual Meeting of Rural Sociological Society. Columbus, OH, 07/2017

Spatial Holes, Missing Neighbors, Global Processes and the Challenge of Spatial Analysis: Should we consider the utility of spatial analysis when there is no neighbor in the survey sample? **North American Regional Science Conference.** Minneapolis, MN. 11/2016

Environment, Equity, and Economic Development Goals: Understanding Differences in Local Economic Development Strategies. **International City/County Management Association Annual Conference.** Kansas, Mo, 09/2016

Diffusion of Business Retention and Expansion (BR&E) – Can Business Cluster Approaches Help Cities Face Development Challenges? **Regional Science Association.** Atlanta, GA. 06/2016

Business Incentives vs. Sustainable Community Development Strategies: Environment and Equity Goals Explain the Difference. **North American Regional Science Conference.** Portland, OR. 11/2015

GRANTS

Key personnel

“Water Equity and Government Policy during COVID-19” 2021-2022
Cornell Atkinson Center for a Sustainable Future (\$9,000), with Mildred Warner (PI) at Cornell University.

“State level COVID-19 Policies: Economics, Equity and Health” 2020-2023
Cornell Center for Social Science (\$4,800), with Mildred Warner (PI) and Elaine Wethington at Cornell University.

“Promoting Age Friendly Communities” 2020-2022
Cornell Engaged Cornell Impact Grant (\$50,000), with Mildred Warner (PI) at Cornell University.

“Collaborative Neighborhood Governance in the COVID-19 Pandemic Mitigation: a comparison between China and US” 2020-2022
Tsinghua University Joint research program, China (\$22,784), with Zhilin Liu (PI) at Tsinghua University, Mildred Warner (PI) and Elaine Wethington at Cornell University

“China, Aging and the COVID-19 Response” 2020-2021
Cornell China Center-East Asia Program Research Fund (\$9,000), with Mildred Warner (PI), Elaine Wethington at Cornell, Zhilin Liu at Tsinghua University, and Lina Zhao at Jiangsu University (\$9,000)

“Age-Friendly Rural Communities – Linking Economy, Planning, Services and Health” 2019- 2022
USDA National Institute of Food and Agriculture, grant # 2019-68006-29674 (\$500,000) with Mildred Warner (PI) and Elaine Wethington at Cornell, and Dreamal Worthen and Gail Randolph at Florida A and M University.

“Livable Communities for All Ages: International Planner Engagement and Best Practices” 2018
A Research Grant from the APA Divisions Council to ARUP, AARP and Cornell University.
(\$7,000)

AWARDS

Best Contribution to the Planning Profession 2019
Awarded to AARP, APA International Division, Arup Consulting and Cornell University for the collaborative research project, “Livable Communities for All Ages: International Planner Engagement and Best Practices,” selected by the APA Divisions Council, American Planning Association

Graduate Student Travel Award, Rural Sociology 2017

Outstanding Student Team Project Award 2015
The Upstate New York Chapter of the American Planning Association (APA)
Team-project in Professor Mildred Warner's Upstate New York Fiscal Stress workshop class.

TEACHING EXPERIENCE

Lecturer

Department of City and Regional Planning, Cornell University

CRP 3850/5850: Special Topics: Introduction to Data Science 2021/2022 Spring

CRP 5000: Urban Data Science Case Studies 2021 Spring

Language Resource Center, Cornell University, Ithaca, NY 2020 Fall
Planning in the US vs. China (Foreign Language Across the Curriculum in Mandarin)

Department of City and Regional Planning, Cornell University, Ithaca, NY 2019 Winter
Math Camp (2-day training in statistical concepts for incoming master students)

Teaching Assistant

Department of City and Regional Planning, Cornell University, Ithaca, NY

CRP 5080/4080 Introduction to Geographic Information Systems 2018 Fall

CRP 6330 Methods of Regional Science and Planning II 2017 Spring

CRP 5450 Inferential Statistics for Planning and Public Policy 2017 Fall & 2019 Spring

CRP 3270/6270 Regional Economic Impact Analysis 2018 Spring

Department of Economics and Management, Harbin Institute of Technology, China

Macroeconomics 2013 Fall

Econometrics 2013 Spring

AFFILIATIONS

Association of Collegiate Schools of Planning
Rural Sociology Society
North American Regional Science Council
American Association of Geographers

SKILLS

Data Analysis: Python, Stata, R, SPSS, Excel

Qualitative analysis: NVivo

Spatial Analysis and Modeling: ArcGIS, R, Geoda, GWR4.0, QGIS

Language: English, Mandarin