

Matthew M. Brooks

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EDUCATION

- 2021 Ph.D. Rural Sociology and Demography (Dual Title)
Pennsylvania State University
Chair: Brian Thiede
- 2017 M.A. Geography
Kansas State University
Chair: Max Lu
- 2015 B.S. Community and Regional Planning, Sociology minor
Iowa State University

MAJOR AREAS

Social Demography; Poverty; Rural Families and Livelihoods; Spatial Analysis; Work and Economic Change

AFFILIATIONS

2017- Demography Trainee, Population Research Institute

PUBLICATIONS

Peer Reviewed Articles

- 2020 **Brooks, Matthew M.**, J. Tom Muller, and Brian C. Thiede. "County reclassifications and Rural-urban mortality disparities in the United States (1970-2018)". *American Journal of Public Health*. Forthcoming.
- 2020 **Brooks, Matthew M.** 2020 "Countering Depopulation in Kansas: An Assessment of the Rural Opportunity Zone Program." *Population Research and Policy Review* Online First: 1-12
- 2020 **Brooks, Matthew M.**, and J. Tom Mueller. 2020. "Factors affecting mobile home prevalence in the United States: Poverty, natural amenities, and natural resource employment." *Population, Space and Place* 26(4): 1-13.
- 2020 Mueller, J. Tom, and **Matthew M. Brooks**. 2020. "Burdened by renewable energy? A multi-scalar analysis of distributional justice and wind energy in the United States." *Energy Research and Sociology Science* 63: 1-13
- 2019 **Brooks, Matthew M.** 2019. "The Advantages of Comparative LISA Techniques in Spatial Inequality Research: Evidence from Poverty Change in the United States." *Spatial Demography* 7: 167-193
- 2018 Thiede, Brian C., and **Matthew M. Brooks**. 2018 "Child poverty across immigrant generations in the United States, 1993-2016: Evidence using the official and supplemental poverty measures." *Demographic Research* 39(40): 1065-1080

Chapters in Edited Volumes

- 2019 **Brooks, Matthew M.** and Sabrina Voltaire. Forthcoming. "Rural Families in the United States: Theory, research and policy". In *Rural Families and Communities in the United States: Facing Challenges and Leveraging Opportunities*. Edited by S.M. McHale, V. King, and J. Glick. Springer.

Book Reviews

- 2019 **Brooks, Matthew M.** 2019. Review of "We're Still Here: Pain and Politics in the Heart of America", by Jennifer M. Silva. *Rural Sociology* 84(3): 622-624

Policy Briefs and other Reports

- 2020 Zhou, Shuai, and **Matthew M. Brooks**. 2020. "Pennsylvania Pomp and Circumstance: Trends in High School Drop Outs." *Pennsylvania Population Network Briefs* 3: 1-4.
- 2014 Zhou, Ziangping, and **Matthew M. Brooks**. 2014. "A Model to Calculate the Supply of Affordable Housing in Polk County." *Resilient Neighborhoods Technical Reports and White Papers* 2: 1-24.

Manuscripts under Review

Thiede, Brian C., **Matthew M. Brooks**, and Leif Jensen. "The Contours and Correlates of Child Poverty across Immigrant Generations". [Available at SOC ARXIV](#). Under Review at *Demography*.

Select Manuscripts in Preparation

- Brooks, Matthew M.** "Differential Attainment of Affordable Housing among Whites, Blacks, and Hispanics". [Available at SOC ARXIV](#). Preparing for *City and Community*
- Brooks, Matthew M.** "The Uneven Perils of Unemployment and Underemployment: The Role of Employment Structure in explaining Rural-Urban Poverty Differences, 1970-2018." [Available at SOC ARXIV](#). Preparing for *Rural Sociology*.
- Yin, Junjun, **Matthew M. Brooks**, Donghui Wang, and Guingqing Chi. "Characterizing Climate Change Sentiment in Alaska with Twitter Data: A Spatial-Temporal Analysis Approach." Preparing for *PLOS ONE*

GRANTS

- 2018 M.E. John Student Professional Development Grant
- 2017 College of Arts and Sciences Diversity Lecture Series Grant

FELLOWSHIPS

- 2017-2021 University Graduate Fellowship. College of Agricultural Sciences, Penn State University

AWARDS AND HONORS

- 2020 Francena I. Miller and Michael f. Nolan Graduate Scholarship in Agricultural Economics and Rural Sociology
- 2020 Dr. Fern "Bunny" Willits Graduate Award Endowment in Rural Sociology. Penn State University.
- 2020 Paul Hand Award for Research Excellence. College of Agricultural Sciences, Penn State University.
- 2019 Natural Resources RIG Graduate Student Paper Award. "*Who bears the burden of renewable energy? A multi-scalar analysis of distributional injustice and wind energy.*" Awarded with J. Tom Mueller. Rural Sociological Society
- 2019 Olaf Larson Graduate Student Paper Award. "*Who bears the burden of renewable energy? A multi-scalar analysis of distributional injustice and wind energy.*" Awarded with J. Tom Muller. Rural Sociological Society
- 2017 Best Student Research Poster. "*Countering Depopulation in Kansas: Understanding Perceptions of Rural Life and the Effectiveness of the Rural Opportunity Zone Program.*" Rural Geography Specialty Group of the AAG
- 2017 Graduate Student Travel Award. College of Arts and Sciences, Kansas State University
- 2017 Student Travel Award. Department of Geography, Kansas State University
- 2016 Student Travel Award. Department of Geography, Kansas State University
- 2015 Student Travel Award. Department of Geography, Kansas State University
- 2011 George Washington Carver Scholarship. Iowa State University

CONFERENCE ACTIVITY

Papers Presented

- 2020 Differential Attainment of Affordable Housing among Whites, Blacks, and Hispanics, 2005-2017. American Sociological Association Annual Meeting. San Francisco, CA. [Cancelled due to COVID-19].

- 2020 The Changing Landscape of Affordable Housing in the United States: A Spatial Fixed Effects Approach. Rural Sociological Society. Westminster, CO. [Cancelled due to COVID-19].
- 2019 The Uneven Perils of Unemployment and Underemployment: The Role of Employment Structure in explaining Rural-Urban Poverty Differences, 1970-2018. Rural Studies Student Conference. University Park, PA.
- 2019 Metropolitanization, population redistribution, and the changing geography of poverty in the United States. Rural Sociological Society Annual Meeting. Richmond, VA.
- 2019 Who bears the burden of renewable energy? A multi-scalar analysis of distributional injustice and wind energy. *Presented with J. Tom Mueller*. Rural Sociological Society Annual Meeting. Richmond, VA.
- 2019 Metropolitanization, population redistribution, and the changing geography of poverty in the United States. IUSSP Population, Poverty and Inequality Research Conference. Ann Arbor, MI
- 2018 Factors affecting mobile home prevalence in the United States: Poverty, natural amenities, and natural resource employment. Rural Studies Student Conference. University Park, PA.
- 2018 Countering Depopulation in Kansas: Understanding Perceptions of Rural Life and the Effectiveness of the Rural Opportunity Zone Program. Rural Sociological Society Annual Meeting. Portland, OR
- 2017 Countering Depopulation in Kansas: Understanding Perceptions of Rural Life and the Effectiveness of the Rural Opportunity Zone Program. Rural Studies Student Conference. University Park, PA
- 2016 Hispanic Pathways to the U.S. Midwest: Past and Present. Great Plains Rocky Mountains Division Conference. Colorado Springs, CO

Posters Presented

- 2020 The Uneven Perils of Unemployment and Underemployment: The Role of Employment Structure in explaining Rural-Urban Poverty Differences, 1970-2018. Population Association of America. Washington, D.C. [Cancelled due to COVID-19]
- 2020 Characterizing Climate Change Sentiment in Alaska with Twitter Data: A Spatial-Temporal Analysis Approach. *Presented with Junjun Yin*. Population Association of America. Washington, D.C. [Cancelled due to COVID-19]
- 2019 POLARIS: The Pursuing Opportunities for Long-term Arctic Resilience for Infrastructure and Society. *Presented with Guangqing Chi*. Research to Action: The Science of Drawdown. University Park, PA.
- 2019 Transitions in County-Level Poverty in the Rural United States: A Comparison of LISA Techniques. Population Association of America Annual Meeting. Austin, TX.
- 2019 Localized Distributional Injustice: Wind Energy Sitting in the Continental United States. *Presented with J. Tom Mueller*. Population Association of America Annual Meeting. Austin, TX.
- 2017 Countering Depopulation in Kansas: Understanding Perceptions of Rural Life and the Effectiveness of the Rural Opportunity Zone Program. American Association of Geographers Annual Meeting. Boston, MA
- 2014 The Relationship between Public Transit and Crime in Denver, Colorado: A Spatial Perspective. American Society of Criminology Annual Meeting. San Francisco, CA.

Panels Organized

- 2017 Interdisciplinary Thinking in the Rural Social Sciences. Rural Studies Student Conference. University Park, PA

TEACHING EXPERIENCE

Pennsylvania State University

Population and Policy Issues. Guest Lecture (S2020)

Development Issues in a Global Context. Guest Lecture (F2019-S2020)

Introductory Rural Sociology. Guest Lecture (F2019-S2020)
Community Development Concepts and Practice. Guest Lecturer (S2019)

Kansas State University

Human Geography. Teaching Assistant (Four Semesters, F2015 - S2017)

Iowa State University

Sociological Research Methods. Course Support (F2014)

RESEARCH EXPERIENCE

2019- Survey Assistant. Pennsylvania Rural Issues Survey
2019- Research Assistant. Computational and Spatial Analysis Core (PRI)
2018- Research Assistant. Department of Agricultural Economics, Sociology, and Education
2015 Senior Planning Project. City of Ogden, IA
2014 REU Program: Race, Ethnicity, and the Demography of Crime and Punishment. University of Texas
2014 Polk County Affordable Housing Project. Iowa State Extension and Outreach

INVITED WORKSHOPS AND TRAININGS

2018 IPUMS CPS Summer Data Workshop, Minnesota Population Center
2018 PSID Data User Workshop, Inter-University Consortium for Political and Social Research

MANUSCRIPT REFEREEING

The Journal of Rural and Community Development

SERVICE ACTIVITIES

Rural Sociological Society

2019-2021 Population Research Interest Group, Chair Elect and Chair
2018-2019 Population Research Interest Group, Graduate Student Representative

Pennsylvania State University

2019-2021 Mini-PAA Planning Committee
2018-2021 PRI Student Methods Workshop Planning Committee
2018-2020 Dept. of Agricultural Economics, Sociology, and Education Faculty Meetings, Graduate Student Representative
2018 Rural Sociology Graduate Association, President
2017-2018 M.E. John Seminar Committee
2017-2019 Rural Studies Student Conference Planning Committee

Kansas State University

2017-2018 President, Gamma Theta Upsilon

COMMUNITY OUTREACH

2020 Volunteer, Centre County Complete County Committee
2016-2017 Volunteer, Kansas Geography Bee

MEDIA COVERAGE

Kansas and Vermont pay college grads to move to small towns. Montana could follow suit. By Eric Dietrich.
Montana Free Press. March 8, 2019

NON-ACADEMIC WORK

2017 GIS Intern. City of Eagan, MN
2016 Geography Intern. Population Geography Staff, US Census Bureau

2015 GIS Intern. Iowa Department of Transportation

TEACHING AREAS/COURSES PREPARED TO TEACH

Graduate Social Science Research Methods
Introduction to Sociology
Introduction to Geographic Information Systems (GIS)
Poverty in the United States
Social Change in the Rural United States
Sociology of Community
Social Demography
Spatial Demography
Undergraduate Social Science Research Methods

PROFESSIONAL MEMBERSHIPS

American Sociological Association – Inequality, Poverty, and Mobility Section, Community and Urban
Sociology Section, and Sociology of Population Section
International Union for the Scientific Study of Population
Population Association of America
Rural Sociological Society - Population Research Interest Group, Poverty Research Interest Group

PROFESSIONAL SKILLS

ArcGIS, Advanced
GeoDa, Advanced
GWR4, Advanced
LaTeX, Moderate
NVivo, Moderate
R Package, Moderate
SPSS, Moderate
Stata, Advanced

REFERENCES

Available upon request