

J. Tom Mueller

Curriculum Vitae

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EDUCATION

- 2020 PhD Rural Sociology &
Human Dimensions of Natural Resources and the Environment
The Pennsylvania State University
- 2016 MS Recreation, Park, and Tourism Management
The Pennsylvania State University
- 2014 BS Resource Conservation
University of Montana

PROFESSIONAL APPOINTMENTS

- 2023 Assistant Professor, Department of Population Health,
University of Kansas Medical Center
- 2021 – 2023 Research Assistant Professor, Department of Geography and
Environmental Sustainability, University of Oklahoma
- 2022 – 2023 Community Resilience & Justice Faculty Research Fellow, Institute for
Resilient Environmental & Energy Systems, University of Oklahoma
- 2020 – 2021 Assistant Professor of Sociology, Utah State University

BOOK PROJECT

Mueller, J. T. *The Case for Rural America*. Under advance contract with UNC Press.

PEER-REVIEWED ARTICLES

- Forthcoming **Mueller, J. T.** The theory and function of Marxian water rent in the United States. *Theory and Society*.
- 2023 McConnell, K. **Mueller, J. T.**, Merdjanoff, A. A., Burow, P. B., Farrell, J. Informal modes of social support among residents of the rural American West during the COVID-19 pandemic. *Rural Sociology*.
- 2023 **Mueller, J. T.**, Gasteyer, S. The ethnically and racially uneven role of water infrastructure spending in rural economic development. *Nature Water*. DOI: 10.1038/s44221-022-00007-y
- 2022 **Mueller, J. T.**, Merdjanoff, A., McConnell, K., Burow, P., Farrell, J. Elevated serious psychological distress, economic disruption, and the COVID-19 pandemic in the nonmetropolitan American West. *Preventive Medicine*. 155:106919. DOI: 10.1016/j.ypmed.2021.106919
- 2022 **Mueller, J. T.**, Brooks, M. M., Pacas, J. D. Cost of living variation, nonmetropolitan America, and implications for the Supplemental Poverty

- Measure. *Population Research and Policy Review*.
DOI: 10.1007/s11113-022-09702-w
- 2022 **Mueller, J. T., Santos-Lozada, A. R.** The 2020 U.S. Census differential privacy method introduces disproportionate discrepancies for rural and non-white populations. *Population Research and Policy Review*.
DOI: 10.1007/s11113-022-09698-3
- 2022 **Mueller, J. T., Shircliff, J., Steinbaum, M.** Market concentration and natural resource development in rural America. *Rural Sociology*. 87(1): 68-93.
DOI: 10.1111/ruso.12417
- 2021 **Mueller, J. T.** The poverty balancing equation: Expressing poverty of place as a population process. *Demography*. 58(6): 2065-2088.
DOI: 10.1215/00703370-9530075
- 2021 **Mueller, J. T.** Defining Dependence: The Natural Resource Community Typology. *Rural Sociology*. 86(2):260-300. DOI: 10.1111/ruso.12357
- Received the 2021 Best Paper Award from *Rural Sociology*
- 2021 Brooks, M. M., **Mueller, J. T., Thiede, B. C.** Rural-urban differences in the labor-force impacts of COVID-19 in the United States. *Socius*. 7.
DOI: 10.1177/23780231211022094
- 2021 **Mueller, J. T., Gasteyer, S.** The widespread and unjust drinking water and clean water crisis in the United States. *Nature Communications*. 12(1): 1-8.
DOI: 10.1038/s41467-021-23898-z
- Author correction and addendum published in 2023
- 2021 **Mueller, J. T.** The dual dependency of natural resource rich labor markets in contemporary society. *Sociological Theory*. 39(2): 81-102.
DOI: 10.1177/07352751211001920
- 2021 **Mueller, J. T., McConnell, K., Burow, P. B., Pofahl, K., Merdjanoff, A. A., Farrell, J.** Impacts of the Covid-19 pandemic on rural America. *Proceedings of the National Academy of Sciences*. 118(1).
DOI: 10.1073/pnas.2019378118
- 2021 **Mueller, J. T.** Decomposing the differences in poor self-rated health between those in agriculture and natural resource occupations and the rest of the labor force. *Journal of Agromedicine*. 26(2): 109-119.
DOI: 10.1080/1059924X.2020.1713275
- 2020 Brooks, M. M., **Mueller, J. T., Thiede, B. C.** County reclassifications and Rural-urban mortality disparities in the United States (1970-2018). *American Journal of Public Health*. 110(12): 1814-1816.
DOI: 10.2105/AJPH.2020.305895
- 2020 **Mueller, J. T., Tickamy, A. R.** Climate change beliefs and support for development: Testing a cognitive hierarchy support for natural resource-related economic development in rural Pennsylvania. *Journal of Rural Studies*. 80: 553-566. DOI: 10.1016/j.jrurstud.2020.10.043
- 2020 **Mueller, J. T., Brooks, M. M.** Burdened by renewable energy? A multi-scalar analysis of distributional injustice and wind energy in the United States.

- Energy Research & Social Science*. 63, 101406.
DOI: 10.1016/j.erss.2019.101406
- 2020 **Mueller, J. T.**, Tickamyer, A. R. A more complete picture: Rural residents' relative support for seven forms of natural resource related economic development. *Rural Sociology*. 85(2): 376-407. DOI: 10.1111/ruso.12293
- 2020 **Mueller, J. T.** Natural resource development and rural American economic prosperity from 2000 to 2015. *Economic Development Quarterly*. DOI: 10.1177/0891242420984512
- 2020 Brooks, M. M., **Mueller, J. T.**, Factors affecting mobile home prevalence in the United States: Poverty, natural amenities, and employment in natural resources. *Population, Space, and Place*. 26(4): e2311.
DOI: 10.1002/psp.2311
- 2020 Mullenbach, L. E., **Mueller, J. T.**, Graefe, A. R. The Dirty Kanza and #200Women200Miles: Constraints to female participation in a male dominated sport. *Journal of Park and Recreation Administration*. 38(1):10-28 DOI: 10.18666/JPRA-2019-9786
- 2020 Pitas, N. A. D., Mowen, A. J., **Mueller, J. T.**, Taff, B. D., Hickerson, B. The role of values, ideologies, and attitudes in shaping public support for privatization in local park and recreation services, *Journal of Leisure Research*. 51(1): 16-35. DOI: 10.1080/00222216.2019.1604105
- 2019 **Mueller, J. T.**, Park, S., Mowen, A. J. The relationship between parks and recreation per capita spending and mortality from 1980 to 2010: A fixed effects model. *Preventive Medicine Reports*. 14:100827.
DOI: 10.1016/j.pmedr.2019.100827
- 2019 **Mueller, J. T.**, Park, S., Mowen, A. J. The relationship between individual self-rated health and county area spending on parks and recreation from 1992-2012. *Preventive Medicine Reports*. 13:105-112.
DOI: 10.1016/j.pmedr.2018.11.018
- 2019 Graefe, A. R., **Mueller, J. T.**, Taff, B. D., Wimpey, J. A comprehensive method for evaluating the impacts of race events on public lands. *Society & Natural Resources*. 32(10):1155-1170.
DOI: 10.1080/08941920.2019.1583396
- 2019 **Mueller, J. T.**, Landon, A., & Graefe, A. R. Modeling the role of social identity in constraint negotiation for ultra-endurance gravel cycling. *Journal of Leisure Research*. 50(2):81-106. DOI: 10.1080/00222216.2018.1561167
- 2019 Rice, W. L., **Mueller, J. T.**, Graefe, A. R., Taff, B. D. Research note: Detailing an approach for cost-effective visitor-use monitoring using crowdsourced activity data. *Journal of Park and Recreation Administration*. 37(2):144-154. DOI: 10.18666/JPRA-2019-8998
- 2018 **Mueller, J. T.** & Mullenbach, L. E. Looking for a White male effect in Generation Z: Race, gender, and political effects on affiliation on environmental concern and ambivalence. *Society & Natural Resources*. 31(8), 925-941. DOI: 10.1080/08941920.2018.1445331

- 2018 **Mueller, J. T.**, Mowen, A. J., & Graefe, A. R. We aren't so different after all: Differences and similarities between political affiliation and issues of park use, management, and privatization. *Leisure Sciences*. 40(7):735-749. DOI: 10.1080/01490400.2018.1534623
- 2018 Ferguson, M. D., **Mueller, J. T.**, Mowen, A. J., & Graefe, A. R. Coping with Global Climate Change: A study of great lakes water-based outdoor recreationists. *Journal of Park and Recreation Administration*. 36(2), 52-74. DOI: 10.18666/JPRA-2018-V36-I2-8296
- 2018 **Mueller, J. T.** & Graefe, A. R. Testing the relationships between conflict, specialization, and place attachment among members of the American Alpine Club. *Journal of Outdoor Recreation and Tourism*. 24, 26-34. DOI: 10.1016/j.jort.2018.10.001
- 2018 **Mueller, J. T.**, Graefe, A., Taff, B. D., & Wimpey, J. Small-scale race events in natural areas: Participants attitudes, beliefs, and global perception of Leave No Trace ethics. *Journal of Outdoor Recreation and Tourism*. 23, 8-15. DOI: 10.1016/j.jort.2018.03.001
- 2018 Layland, E. K., Stone, G. A., **Mueller, J. T.**, & Hodge, C. J. Social justice in rapidly changing mobile leisure: A conceptual exploration of Pokémon Go. *Leisure Sciences*. 40(4), 288-306. DOI: 10.1080/01490400.2018.1426064
- 2018 **Mueller, J. T.**, Barrett, A., Wildermuth, G., Ferich, A., & Graefe, A. R. It's all about subjective norms: Understanding undergraduate involvement in extracurricular organizations related to sustainability. *International Journal of Higher Education and Sustainability*. 2(2):102-121. DOI: 10.1504/IJHES.2018.096108

BOOK CHAPTERS IN EDITED VOLUMES

- 2023 **Mueller, J. T.**, Merdjanoff, A. A. Mental health in rural America during COVID-19 and beyond. In *COVID-19, Frontline Responders, and Mental Health*. Jennifer A. Horney (Ed.) Emerald Publishing.

SELECTED NON-REFEREED PUBLICATIONS

- 2022 **Mueller, J. T.**, & Santos-Lozada, A. Rural population research is constrained by Census data availability and reliability. *Rural Population Research Network*. Brief #2022-8.
- 2021 **Mueller, J. T.**, Farrell, J., McConnell, K., Burow, P. COVID-19 and poverty in rural areas: the experience of the United States. Background paper prepared for the United Nations Inter-Agency Expert Group Meeting on "Implementation of the Third United Nations Decade for the Eradication of Poverty (2018-2027).
- 2020 Farrell, J., **Mueller, J. T.**, McConnell, K., Burow, P. B., Pofahl, K. Merdjanoff, A. A. Impact of Covid-19 on the rural West: Material needs, economic recovery, and changes in political attitudes. Executive Summary

of Research Findings. New Haven, CT: Yale School of the Environment.
Available at: <http://covidruralwest.org/reports>

RESEARCH SUPPORT

External – Funded

Principal Investigator. A mixed-methods assessment of the impact of the rural healthcare exit on the health outcomes of older adults in rural America. Interdisciplinary Network on Rural Population Health and Aging (INRPHA). 2024. \$25,000.

Principal Investigator. U01: The Effect of Medicaid Expansion on Mortality Disparities and Poverty. National Institute on Minority Health and Health Disparities. Co-Investigators: Matthew M. Brooks, Regina S. Baker. Consultants: David Brady, Irma Elo, Liana Fox, Shannon Monnat, Jose Pacas, Ann R. Tickamyer. 2022 – 2027. \$1,480,085.

Principal Investigator. The Association between the Conservation Reserve Program, Extreme Weather, Water Quality, and Economic Development in the Southern Plains. USDA-ARS Southern Plains Climate Hub. Co-Investigators: Tom Neeson, Jon McFadden. 2023 – 2024. \$65,000. (PI Status transferred to Neeson upon leaving OU).

Principal Investigator. The Long-term Association between Unsafe Community Drinking Water, Adult Mortality, and Mortality Disparities in the United States. Network on Life Course Health Dynamics and Disparities in 21st Century America (NLCHDD). 2022. \$19,538.

Co-Investigator. Understanding the Link between Water Infrastructure and Economic Development in Rural America. USDA, National Institute of Food and Agriculture. PI: Stephen Gasteyer. 2022 – 2025. \$649,996, Subaward to Mueller: \$206,358.

Co-Investigator. Understanding Natural Resource-Related Economic Development in Rural America. USDA, National Institute of Food and Agriculture. P.I. Brian Thiede. Co-Investigators: Ann Tickamyer, Alan Graefe, Kai Schafft. 2020 – 2023. \$500,000, Subaward to Mueller: \$120,829.55.

Co-Investigator. Doctoral Dissertation Research: Effects of Natural Resource Dependence. National Science Foundation – Sociology Program. PI: Brian Thiede; Co-Investigator: Ann Tickamyer. 2019 – 2020. \$16,000.

External – Pending

Principal Investigator. R21: Understanding the role of bedrock, settlement patterns, and water quality in human health equity. Co-Investigator: Caitlin Hodges. 2024 – 2026. \$364,881.

External – Declined

Co-Investigator. Carbon Safe – Tallgrass. U.S. Department of Energy. PI: Tallgrass Energy. OU PI: Tim Filley. 2023 – 2025. \$6,000,000. Amount to OU: \$1,500,000.

Co-Investigator. Carbon Safe – Osage Nation. U.S. Department of Energy. PI: Rouzbeh Moghanloo. 2023 – 2025. \$6,000,000.

Co-Investigator and Project Lead. Centers of Biomedical Research Excellence: University of Oklahoma Center for Population Health Research. National Institutes of Health. PI: Paul Spicer. Sub-Project: Project Lead on Understanding the Role of Bedrock Lithology and Water Quality in Human Health Equity. 2023 – 2027. \$11,731,364.

Co-Investigator. ORE-CZ: Soil and bedrock properties of controls on water quality in the Mississippi River Basin. National Science Foundation. PI: Caitlin Hodges. 2022. \$199,994.

Principal Investigator. The Commodification of Nature as an Experience: Ski Resorts, Public Land, and the United States. National Science Foundation – Sociology Program. 2022. \$361,486.

Co-Investigator. EAGER: SAI: Strengthening Access to Water and Sanitation in the United States: A Political Ecological Approach to Achieving Water Justice in the USA. National Science Foundation – Strengthening American Infrastructure Program. PI: Stephen Gasteyer. Co-Investigators: Jennifer Carrera, Janice Beecher, Zoe Roller, George McGraw. 2021. \$286,000.

Principal Investigator. Collaborative Research: Social Determinants of Well-being, Construal Level Theory, and Covid-19 in Rural America. National Science Foundation – Sociology Program. Co-PI: Justin Farrell. 2021. \$717,991.

Internal - Funded

Principal Investigator. Leveraging Commuting Data to Understand Diurnal Variation in Poverty Exposure. OU Data Institute for Societal Challenges. 2021. \$8,000.

Principal Investigator. Estimating and Analyzing Supplemental Poverty Measures at the County Level in the United States. Utah State University College of Humanities and Social Science – CARE Award. 2020. \$2,000 (Returned after leaving USU).

AWARDS AND HONORS

2022	2021 Best Paper Award from <i>Rural Sociology</i> for “Defining Dependence: The Natural Resource Community Typology”
2020	Alumni Association Dissertation Award. The Pennsylvania State University
2019	College of Agriculture Outstanding Dissertation Award. The Pennsylvania State University
2019	Luther R. Glenna Graduate Fellowship in Rural Sociology. The Pennsylvania State University Rural Sociology Graduate Program
2019	Kenneth P. Wilkinson Memorial Scholarship in Rural Sociology. The Pennsylvania State University Rural Sociology Graduate Program
2019	Graduate Student Paper Award from the Natural Resource Research Interest Group of the Rural Sociological Society
2019	Olaf Larson Graduate Student Paper Award from the Rural Sociological Society
2018	Lundgren Scholarship, 2018-2019. The Pennsylvania State University. Department of Recreation, Park, and Tourism Management
2017	Lundgren Scholarship, 2017-2018. The Pennsylvania State University. Department of Recreation, Park, and Tourism Management
2017	Tom and Muriel More Scholarship. National Environment and Recreation Research Symposium

INVITED PRESENTATIONS

- 2023 **Mueller, J. T.**, The Extent and Impact of Water Injustice in the United States. University of Washington Center for Environmental Politics. November, 2023
- 2023 **Mueller, J. T.**, Heykmatpour, P., Leslie, C.M. The Socially Unequal Long-term Association between Unsafe Drinking Water and All-cause Mortality in the United States. Network on Life Course and Health Dynamics and Disparities in the 21st Century. April, 2023.
- 2023 **Mueller, J. T.** Household Water in Rural America. Oklahoma Strategic Alliance. January, 2023
- 2022 **Mueller, J. T.** Differential Privacy and Rural Data. Interdisciplinary Network on Rural Population Health and Aging (INRPHA). November (Upcoming), 2022.
- 2022 **Mueller, J. T.** Household water in rural America. Rural Renewal Symposium. Oklahoma State University. October, 2022.
- 2022 **Mueller, J. T.** County-level discrepancies between SF-1 and DHC across the Rural-Urban Continuum. Committee on National Statistics. Public Workshop on the Demographic and Housing Characteristics Files. Hosted by the National Academies of Sciences, Engineering, and Medicine
- 2022 **Mueller, J. T.** Quantitative Studies of the Geography of Well-being and the Environment in the United States. Utah State University Graduate Research Methods in Sociology. April, 2022.
- 2022 **Mueller, J. T.** Geography of Well-being and the Environment in the United States. Oklahoma State University Rural Scholars Program. March, 2022.
- 2021 **Mueller, J. T.**, Santos, A. R. How Differential Privacy will Affect Accuracy for Rural Populations. W4001: Rural Population Multi-state Project Annual Meeting. September, 2021.
- 2021 Farrell, J., **Mueller, J. T.**, McConnell, K., Burow, P. COVID-19 and poverty in rural areas: The experience of the United States. United Nations Inter-Agency Expert Group meeting on “Implementation of the Third United Nations Decade for the Eradication of Poverty (2018-2027).”
- 2021 **Mueller, J. T.** Natural Resource Dependence in Rural America. Washington State Sociology Seminar Series. April 2nd 2021.
- 2020 **Mueller, J. T.** Current Issues of Well-being in Rural America: Covid-19 and Water Hardship. Montana State University Geography Seminar Series. October 22nd, 2020.
- 2020 **Mueller, J. T.** The Impacts of the Covid-19 Pandemic on Well-being in the Rural American West. Utah Demography Summit. October 16th, 2020.
- 2020 **Mueller, J. T.** McConnell, K., Burow, P. B., Pofahl, K., Merdjanoff, A. A., Farrell, J. The Impacts of Covid-19 on the Rural American West. Presented to the Gateway and Natural Amenity Region (GNAR) Network. September 30th, 2020.

CONFERENCE ACTIVITY/PARTICIPATION

Papers Presented

- 2023 Almes, J., Schafft, K., **Mueller, J. T.**, Tickamy, A., Thiede, B., Graefe, A. R. Rural community well-being in natural resource-dependent counties: A qualitative examination of local context. Rural Sociological Society Annual Meeting 2023. August, 2023.
- 2023 Verno, M., **Mueller, J. T.**, Gasteyer, S. A spatial and historical analysis of plumbing hardship in the United States from 1940 to 2020. Rural Sociological Society Annual Meeting 2023. August, 2023.
- 2023 **Mueller, J. T.**, Tickamy, A., Thiede, B. C., Graefe, A. R., Schafft, K. How did the expected drivers of vaccine hesitancy hold up to actual behavior in rural America. Rural Sociological Society Annual Meeting 2023. August, 2023.
- 2023 Brooks, M. M., **Mueller, J. T.**, Thiede, B. C., Lither, D. T. Ethnoracial diversity across nonmetropolitan America: Urbanization, multiracial growth, and uneven exposure to diversity. Population Association of American Annual Meeting 2023. April, 2023.
- 2023 **Mueller, J. T.** Heykmatpour, P., Brooks, M., Baker, R. Further complications to poverty of place: Daily poverty dynamics across space. Population Association of American Annual Meeting 2023. April, 2023.
- 2023 **Mueller, J. T.**, Heykmatpour, P., Leslie, C.M. The Socially Unequal Long-term Association between Unsafe Drinking Water and All-cause Mortality in the United States. Population Association of American Annual Meeting. April, 2023.
- 2023 Verno, M., **Mueller, J. T.**, A spatial and historical analysis of plumbing hardship in the United States from 1940 to 2020. Souther Rural Sociological Association 2023 Meeting. February, 2023.
- 2022 **Mueller, J. T.**, Natural resource development and rural American economic prosperity from 2000 to 2015. Creating Conversations on the Challenges and Opportunities Facing Rural Economic Development. Federal Reserve Bank of Chicago. October, 2022.
- 2022 **Mueller, J. T.**, Thiede, B., Tickamy, A., Schafft, K., Graefe, A. R. Natural resource dependence and population health in the United States: Patterns and pathways. Rural Sociological Society Annual Meeting 2022. August, 2022.
- 2022 **Mueller, J. T.**, Gasteyer, S. The relationship between local government spending on water infrastructure and rural economic development in the United States. Rural Sociological Society Annual Meeting 2022. August, 2022.
- 2022 Brooks, M., Lither, D., **Mueller, J. T.**, Thiede, B. Nonmetro to metro reclassification: Poverty, diversity, and segregation in urbanizing rural areas. Rural Sociological Society Annual Meeting 2022. August, 2022.

- 2022 **Mueller, J. T.** Market concentration and natural resource development in rural America. Population Association of America 2022. April, 2022.
- 2022 Shircliff, J., **Mueller, J. T.** The treatment of control variables in demographic scholarship: A reflection and review of Demography, 1995-2020. Population Association of America Meeting 2022. April, 2022.
- 2022 **Mueller, J. T.**, Thiede, B., Tickamyser, A., Schafft, K., Graefe, A. Natural resource dependence and population health in the United States: Patterns and pathways. Population Association of America Meeting 2022. April, 2022
- 2022 Shircliff, J., **Mueller, J. T.**, Marquez-Velarde, G. Racial inequality in the publication of quantitative sociology: An illustrative case study. Population Association of America Meeting 2022. April, 2022.
- 2022 **Mueller, J. T.**, Brooks, M., Pacas, J. Cost of living variation, nonmetropolitan America, and implications for the Supplemental Poverty Measure. Population Association of American Meeting 2022. April, 2022.
- 2021 **Mueller, J. T.** The poverty balancing equation: Expressing poverty of place as a population process. Population Association of America Meeting 2021.
- 2019 **Mueller, J. T.** The Detrimental Impact of Extractive and Non-Extractive Natural Resource Development on Rural American Economic Prosperity from 2000-2015. Pre-Conference Research Workshop on Building a Better Understanding of the Challenges and Opportunities Facing Rural Economic Development. Upjohn Institute and Federal Reserve Bank of Chicago. Kalamazoo, Michigan. October, 2019.
- 2019 **Mueller, J. T.** The detrimental impact of natural resource development on rural economic prosperity from 2000 – 2015. Sociology of Development Annual Conference. Notre Dame, Indiana. October, 2019.
- 2019 **Mueller, J. T.** Natural resource dependence: The dual dependence of resource rich areas in rural America. American Sociological Society. New York, New York. August, 2019.
- 2019 **Mueller, J. T.**, Brooks, Matthew M. Who bears the burden of renewable energy? A multi-scalar analysis of distributional injustice and wind energy. Rural Sociological Society. Richmond, Virginia. August, 2019.
- 2019 Brooks, M. M., Butler, J. L. W., **Mueller, J. T.**, Thiede, B. C. Metropolitanization, population redistribution, and the changing geography of poverty in the United States. Rural Sociological Society. Richmond, Virginia. August, 2019.
- 2019 **Mueller, J. T.**, Tickamyser, A. R. The role of values, conservative ideology, and climate change beliefs in rural support for extractive and non-extractive forms of natural resource development. Rural Sociological Society. Richmond, Virginia. August, 2019.
- 2019 Brooks, M. M., Butler, J. L. W., **Mueller, J. T.**, Thiede, B. C. Metropolitanization, population redistribution, and the changing

- geography of poverty in the United States. IUSSP Research Conference on Population, Poverty, and Inequality. Ann Arbor, Michigan. June, 2019.
- 2018 **Mueller, J. T.**, Brooks, M. M. Localized distributional injustice: Wind energy siting in the continental United States. Rural Studies Conference. State College, Pennsylvania, November, 2018.
- 2018 **Mueller, J. T.**, Tickamyer, A. R., Schafft, K. Graefe, A. R. Moving beyond simple support: Understanding rural residents' relative support for various forms of natural resource use and development. Rural Sociological Society. Portland, Oregon. July, 2018.
- 2018 **Mueller, J. T.** Mowen, A. J., Graefe, A. R. Evaluating public perceptions of dedicated funding for conservation and natural resources: The case of trust fund transfers. International Symposium on Society and Natural Resource Management. Snowbird, Utah. June, 2018.
- 2018 Pitas, N. A. D., Mowen, A. J., **Mueller, J. T.**, Taff, B. D., Hickerson, B. Cognitive antecedents to support for public and private delivery of park and recreation services. National Environment and Recreation Research Symposium. Annapolis, Maryland. April, 2018.
- 2018 **Mueller, J. T.**, Graefe, A. R. The Dirty Kanza and #200women200miles: Understanding female participation in ultra-endurance gravel racing. National Environment and Recreation Research Symposium. Annapolis, Maryland. April, 2018.
- 2018 **Mueller, J. T.**, Graefe, A. R. (2018) Specialization as a fluid process: A clarification and re-conceptualization of the specialization continuum and its relationship with social world. The Academy of Leisure Sciences Teaching and Research Conference. Indianapolis, Indiana. February 21, 2018.
- 2017 Graefe, A. R., & **Mueller, J. T.** A review and synthesis of angler specialization and behavior. World Recreational Fisheries Conference. 8. Victoria, Canada. July 18, 2017.
- 2017 **Mueller, J. T.** & Graefe, A. R., Taff, B. D., & Wimpey, J. Small-scale race events on public lands; Participants' attitudes, beliefs, and global perceptions of Leave No Trace ethics. National Environment and Recreation Research Symposium. Annapolis, Maryland. April 4, 2017.
- 2017 **Mueller, J. T.** & Graefe, A.R. Exploring the relationship between specialization, place attachment, and conflict among North American rock climbers. The Academy of Leisure Sciences Research Institute. Indianapolis, Indiana. February 10, 2017.
- Panels
- 2022 **Mueller, J. T.**, Slack, T., Winkler, R. Panel on Rural Environmental Impacts. Population Matters: Demography and Well-being in Rural America. Rural Population Research Network. Washington, D.C. September, 2022.

- 2021 Brooks, M. M., **Mueller, J. T.**, Johnson, K., Monnat, S., Henning-Smith, C. COVID's Effects on Rural People and Places. Rural Sociological Society Meeting. Online. July, 2021.
- 2018 **Mueller, J. T.** & Graefe, A. R., Taff, B. D., & Wimpey, J. Implementing a Triple Bottom Line Approach: A Comprehensive Method for Evaluating the Impacts of Special Events on Protected Lands. Roundtable. National Environment and Recreation Research Symposium. Annapolis, Maryland. April, 2018.

Posters Presented

- 2023 Verno, M., Gasteyer, S., **Mueller, J. T.** A spatial and historical analysis of plumbing hardship in the United States, 1940-2020. Population Association of America Annual Meeting 2023. April, 2023.
- 2021 **Mueller, J. T.**, Gasteyer, S. The Unaddressed Household Water Crisis in the United States of America. Population Association of America Meeting 2021.
- 2021 **Mueller, J. T.**, McConnell, K., Burow, P. B., Pofahl, K., Merdjanoff, A. A., Farrell, J. Impacts of the Covid-19 pandemic on rural America. Population Association of America Meeting 2021.
- 2020 **Mueller, J.T.** In search of a typology for extractive and non-extractive natural resource dependence. Accepted at the Population Association of America Meeting 2020. Cancelled due to COVID-19.
- 2020 **Mueller, J.T.** Decomposing the differences in poor self-rated health between those in agriculture and natural resource occupations and the rest of the labor force. Population Association of America Meeting 2020. Cancelled due to COVID-19.
- 2019 **Mueller, J.T.** & Brooks, M. M. Localized Distributional Injustice: Wind Energy Siting in the Continental United States. Population Association of America Meeting 2019.

Sessions or Panels Organized or Chaired

- 2022 COVID-19 in rural America. Population Association of America Meeting 2022. Role: Organizer and Chair.
- 2022 Rural demographic, economic, and social change. Population Association of America Meeting 2022. Role: Chair.

CAMPUS OR DEPARTMENTAL TALKS

- 2023 **Mueller, J. T.**, Household Water and Health in the United States. KU Medical Center Rural Health Council. September, 2023.
- 2022 **Mueller, J. T.** Well-being in rural America: Trends, challenges, and opportunities. University of Oklahoma Resilient Futures Symposium. April, 2022.

- 2022 **Mueller, J. T.** Geography of well-being and the environment in the United States. University of Oklahoma School of Geosciences Colloquium. February 3, 2022.
- 2019 **Mueller, J. T.,** Brooks, M. M. Localized distributional injustice: Wind energy siting in the United States. Penn State Rural Sociology Brown Bag. January 18, 2019.
- 2017 **Mueller, J. T.** Mullenbach, L. E. Should we stop blaming the conservative white male? The effect of race, gender, and political affiliation on environmental concern and ambivalence among young adults. Penn State Department of Recreation, Park, and Tourism Management. October 27, 2017
- 2017 **Mueller, J. T.,** Barret, A. G., Ellsworth, J. Wildermuth, G., & Graefe, A. R. Undergraduates' Environmental Knowledge, Behaviors, and Concerns. Presented to the Penn State Sustainability Institute. State College, PA. August 2, 2017

COURSES TAUGHT

University of Oklahoma

Water and Society (GEOG 4663/5663) – Fall 2022; Size: 13

Water and Society (GEOG 3890) – Fall 2021; Size: 9

Utah State University

Sociological Theory (SOC 4010) – Spring 2021 (Online Asynchronous); Size: 38

Average Instructor Excellence Rating: 4.28/5

Rural Sociology (SOC 3610) – Spring 2021(Online Asynchronous); Size: 45

Average Instructor Excellence Rating: 4.25/5

Social Demography (SOC 6200) – Fall 2020 (Online Synchronous); Size: 6;

Average Instructor Excellence Rating: 5/5

The Pennsylvania State University

Introductory Rural Sociology (RSOC 011) – Fall 2019; Size: 38;

Average Instructor Quality Rating: 6.5/7; Average Course Quality Rating: 6.0/7

ADVISING ACTIVITIES

MS Advisor

Madelyn Verno, University of Oklahoma – 2022 – 2023 (moved to KUMC)

PhD Advisor

Jesse Shircliff, Utah State – 2020 – 2021 (moved to OU)

Committee Member

Kelsey Carlston, University of Utah – 2020 – 2022

Jesse Shircliff, Utah State – 2021 – Present

Matthew Armor, University of Oklahoma – 2022 – Present

Rebecca Veiga, University of Oklahoma – 2022 – Present

Senior Capstone Advisor (University of Oklahoma)

Christopher Gonzales – 2022

Erin Phillips – 2022

SERVICE ACTIVITIES

Profession

- 2022 – Present Co-Chair – Natural Resources Research Interest Group, Rural Sociological Society
- 2021 – Present Secretary – Multistate Research Project W-4001: Social, Economic, and Environmental Causes and Consequences of Demographic Change in Rural America
- 2021 Focus Group Participant – Building COVID Vaccine Confidence in Rural Communities, Center for Public Interest Communications, University of Florida
- 2021 Focus Group Participant – Building COVID Vaccine Confidence among Manufacturing Industry Employees, Center for Public Interest Communications, University of Florida

Department

University of Oklahoma

Graduate Committee: 2021 – Present

Ad-Hoc Hiring Process Committee: Lead, Spring 2022 – Fall 2022

Search Committee: Water Systems Science, Fall 2021

Administrator of Faculty Feedback on Candidates Survey: Fall 2022 – Spring 2023

MANUSCRIPT REFEREEING

BMJ Open; Energy Research and Social Science; Environment, Development, and Sustainability; Growth and Change; Health and Place; Journal of Labor and Society; Journal of Leisure Research; Journal of Outdoor Recreation and Tourism; Journal of Rural & Community Development; Journal of Rural Health; Journal of Rural Social Sciences; Leisure/Loisir; PLOS One; Rural Sociology; Social Forces; Social Problems; Social Science and Medicine; Sociological Forum; Sociological Theory; Spatial and Spatiotemporal Epidemiology; Water Alternatives; Preventive Medicine; The Lancet Planetary Health; Demographic Research

GRANT REFEREEING

National Science Foundation – Arctic Social Sciences

Rural Renewal Initiative Seed Grants – Oklahoma State University