

Richelle L. Winkler

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EDUCATION

- 2010 PhD Sociology, University of Wisconsin- Madison
Exam Areas: Demography, Sociology of Environment and Natural Resources
- 2004 MS Sociology/Rural Sociology, University of Wisconsin- Madison
- 1999 BA Sociology, University of South Carolina, Magna Cum Laude, Sociology Student of the Year

PROFESSIONAL EXPERIENCE

- Professor, Department of Social Sciences, Michigan Technological University. Aug 2020-present
- Associate Professor, Department of Social Sciences, Michigan Technological University. Aug 2015-2020
- Assistant Professor, Department of Social Sciences, Michigan Technological University. July 2011-2015
- Associate Scientist and Associate Director, Applied Population Laboratory, Department of Community and Environmental Sociology, University of Wisconsin- Madison. Nov 2010 to July 2011.
- Associate Researcher, Applied Population Laboratory, Department of Community and Environmental Sociology, University of Wisconsin- Madison. May 2004 to Nov 2010.

SPECIALIZATIONS

Rural Demography, Environmental Sociology, Internal Migration, Community Engaged Scholarship,
Population & Environment, Spatial Inequality

HONORS & AWARDS

- 2020 Dean's Teaching Showcase, Michigan Technological University
- 2019 Community Contributor of the Year- Spark Plug, Keweenaw Chamber of Commerce
- 2018 Distinguished Teaching Award, Michigan Technological University. One award given per year.
- 2017 Excellence in Instruction Award, Rural Sociological Society. One award given per year.
- 2017 Distinguished Faculty Service Award, Michigan Technological University. One award given per year.
- 2016 Distinguished Lecturer Award, Michigan Tech University Research Forum. Inaugural award.
- 2010 Kolb Award, awarded to an outstanding Community and Environmental Sociology PhD graduate, University of Wisconsin- Madison
- 2010 Walter Terrie Applied Demography Paper Award, Southern Demographic Association
- 2008 Walter Terrie Applied Demography Paper Award, Southern Demographic Association

EXTERNALLY FUNDED RESEARCH GRANTS (PI/Co-PI; total value \$4,354,115 since 2011)

- 2019 "Collaborative Research: GCR: A Convergent Discipline in Socio-Technological System Transitions- Research on Michigan Community & Anishinaabe Renewable Energy Sovereignty [MICARES]." Co-Investigator. National Science Foundation. Growing Convergence Research program. \$3,597,348. Oct 2019 to Sept 2024.
- 2019 "Age-Specific Net Migration Estimates for US Counties, 2010-2020: Data Generation & Archiving." Co-Investigator. National Institutes of Health/NICHD.. \$160,677. May 2020 to April 2022.
- 2018 "Evaluating the Promise and Potential Impacts of R3 Efforts Targeting College Students at Michigan Technological University." Co-Investigator. North Carolina State University. June 2018 to May 2019. MTU share of funds= \$4,900.
- 2018 "I once caught a fish THIS big." Principal Investigator with PhD student. Michigan Sea Grant. Feb 2018 to Dec 2019. \$50,000.
- 2018 "Community Solar in Rural Communities." Co-Investigator. WPPI Energy. Jan 2018-Dec 2019. \$36,943.
- 2017 "L'Anse Community Solar Study." Principal Investigator. Western Upper Peninsula Planning and Development Region. May 2017 to February 2019. \$17,100.
- 2015 "Angler Demographics: An Age-Period-Cohort Analysis." Principal Investigator. Great Lakes Fishery Commission. March 2015 to March 2018. \$127,031.
- 2015 "Longitudinal Analysis of Population Redistribution by County Type and in Relation to National Forest and Public Lands." Principal Investigator. USDA Forest Service Rocky Mountain Research Station, Joint Venture Agreement. Resource Planning Act. April 1, 2015 to December 31, 2017. \$39,000.
- 2014 "Geographic Analysis of Age-Period-Cohort Dimensions in Michigan Hunter Participation." Principal Investigator. Michigan Department of Natural Resources. July 2014 to August 2016. \$64,230.
- 2014 "Developing a Guide for Harnessing Low-Grade Geothermal Energy from Minewater for Heating and Cooling Buildings." Principal Investigator. EPA- People, Prosperity, and Planet program. Phase 1. August 2014-August 2015. \$14,490.
- 2014 "Contextualizing Family Food Decisions: The Role of Household Characteristics, Neighborhood Deprivation, and Local Food Environments." Co-Investigator. University of Kentucky, Center for Poverty Research and USDA Economic Research Service. June 2014 to August 2016. MTU share= \$7,195.
- 2012 "Self-Regulated Forest Sustainability: A Simulation and Sociological Analysis of Voluntary Incentive Programs." Co-Investigator with Mark Rouleau and Audrey Mayer. NSF Division of Social and Economic Sciences, Law and Social Sciences Program. 2012 to May 2015. \$89,705.
- 2011 "Age Specific Net Migration Estimates for US Counties." Principal Investigator. NIH/NICHD. R 03. September 2011 to June 2014. \$145,496.
- 2011 "Recreational Homes, Gateway Communities, and Rural Development." Co-Investigator. North Central Regional Center for Rural Development. Awarded: 10/01/2011 to 9/30/2012. @ Univ of Wisconsin- Madison.
- 2010 "County-Level Net Migration Estimates, 2000-2010." Lead Investigator. USDA Economic Research Service Cooperate Agreement. Awarded: 9/1/2010 to 8/31/2011. @ Univ of Wisconsin- Madison.

PEER REVIEWED PUBLICATIONS (Journal Articles & Book Chapters) ¹

- Winkler, R.L.**, J.L. Butler*, K.J. Curtis, & D. Egan-Robertson. 2021. Differential privacy and the accuracy of county-level net migration estimates. *Population Research and Policy Review*. online 7/8/2021.
- Larson, L. et al. 2021. The future of wildlife conservation funding: What options do U.S. college students support? Accepted for publication in *Conservation Science and Practice*.
- Vayer V.R.* et al. 2021. Diverse university students across the United States reveal promising pathways to hunter recruitment and retention. *The Journal of Wildlife Management* 85 (5): 1010- 1030.
- Winkler, R.L.** & M. Rouleau. 2020. Amenities or Disamenities? Estimating the impacts of extreme heat and wildfire on domestic U.S. migration. *Population and Environment* 42(4): 622-648.
- Golding, S.A. & **R.L. Winkler**. 2020. Tracking Urbanization and Exurbs: Migration across the Rural-Urban Continuum, 1990-2016. *Population Research and Policy Review* 39(5): 835-859.
- Winkler, R.L.** & D.Matarrita Cascante. 2020. Exporting Consumption: Lifestyle Migration and Energy Use. *Global Environmental Change* 61(March): 102026.
- Kuras, E.*, P. Warren, J. Zinda, M. Aronson, S. Cilliers, M. Goddard, C. Nilon, **R.L. Winkler**. 2020. Urban socioeconomic inequality and biodiversity often converge, but not always: A global meta-analysis. *Landscape and Urban Planning* 198(June): 103799.
- Morgan, M. S.* , **Winkler, R. L.** 2020. The Third Shift? Gender and Empowerment in a Women's Ecotourism Cooperative. *Rural Sociology* 85(1): 137-164.
- Barnett, B.* , Prehoda, E.* , Kantamneni, A.* , **Winkler, R. L.**, Schelly, C. L. 2019. Applying Transdisciplinary Research to Enhance Low-to-Moderate Income Households' Access to Community Solar. In Halvorsen, K.E., C. Schelly, R. Handler, E. Pishcke, and J. Knowlton, Eds. *A Research Agenda for Environmental Management*. Edward Elgar.
- Kantamneni, A.* , **Winkler, R. L.**, Calvert, K. 2019. Incorporating Community: Opportunities and Challenges in Community Engaged Research. In Halvorsen, K.E., C. Schelly, R. Handler, E. Pishcke, and J. Knowlton, Eds. *A Research Agenda for Environmental Management*. Edward Elgar.
- Prehoda, E.* , **Winkler, R. L.**, Schelly, C. L. 2019. Putting Research to Action: Integrating Collaborative Governance and Community-Engaged Research for Community Solar. *Social Sciences* 8(1), 11.
- Burkett, E.M.* and **R.L. Winkler**. 2018. Recreational fishing participation trends in Upper Great Lakes States: an age-period-cohort analysis. *Human Dimensions of Wildlife* 24(1): 95-97.
- Winkler, R.L.** and K.M. Johnson. 2016. Moving Toward Integration? Effects of Migration on Ethnoracial Segregation across the Rural-Urban Continuum. *Demography* 53(4): 1027-1049.
- Kantamneni, A.* , **R.L. Winkler**, L. Gauchia, and J.M. Pearce. 2016. Emerging Economic Viability of Grid Defection in a Northern Climate Using Solar Hybrid Systems. *Energy Policy* 95: 378-389.
- Winkler, R.L.**, L.Oikarinen**, H. Simpson**, M. Michaelson^, and M.O. Sanchez Gonzalez*. 2016. Boom, Bust, and Beyond: Arts and Sustainability in Calumet, Michigan. *Sustainability* 8(3): 284.
- Johnson, K.M. and **R.L. Winkler**. 2015. Migration Signatures: Net Migration by Age and Race/Ethnicity in U.S. Counties, 1950-2010. *Demographic Research* 32(38): 1065-1080.
- Lekies, K.S., Matarrita-Cascante, D., Schewe, R., and **R.L. Winkler**. Amenity Migration in the New Global Economy: Current Issues and Research Priorities. *Society and Natural Resources* 28(10).
- Mayer, A., **R.L. Winkler** and L. Fry. 2014. Classification of Watersheds into Integrated Social and Biophysical Indicators with Clustering Analysis. *Ecological Indicators* 45: 340-349.

¹ Undergraduate authors marked ^, graduate students marked *, non-academics (professional or community) marked **

- Winkler, R.L.**, S. Deller and D. Marcouiller. 2015. Recreational Housing and Community Development: A Triple Bottom Line Approach. *Growth and Change* 46(3): 481-500.
- Lind-Riehl, J.*, S. Jeltema*, M. Morrison*, G. Shirkey^, A. Mayer, M. Rouleau, and **R. Winkler**. 2015. Family Legacies and Community Networks Shape Private Forest Management in the Western Upper Peninsula of Michigan (USA). *Land Use Policy* 45: 95-102.
- Dawney, B.*, C. Cheng*, **R. Winkler**, and J. Pearce. 2013. Expanding the geographic viability of the solar water disinfection (SODIS) method by decreasing turbidity with NaCl. *Applied Clay Science*: 194.
- Winkler, R.** 2013. Research Note: Segregated by age: Are we becoming more divided? *Population Research and Policy Review* 32 (5): 717-727.
- Desmond, M., W. An, **R. Winkler**, and T. Ferriss. 2013. Evicting children. *Social Forces* 92 (1): 303-327.
- Winkler, R.L.** 2013. Living on lakes: Segregated communities and social exclusion in a natural amenity destination. *The Sociological Quarterly* 54 (1): 105-129.
- Winkler, R.L.**, Schewe, R. and D. Matarrita-Cascante. 2013. Lakes and community: The importance of natural landscapes in social research. *Society and Natural Resources* 26 (2): 158-175.
- Winkler, R.L.** and K. Warnke**. 2013. The future of hunting: An age-period-cohort analysis of deer hunter decline. *Population and Environment* 34 (4): 460-480.
- Winkler, R.** and R. Klaas**. 2012. Residential segregation by age in the US. *Journal of Maps* 8(4): 374-378.
- Winkler, R.**, C. Cheng^, and S. Golding.* 2011. Boom or bust? How migration impacts population composition in different types of natural resource dependent communities in the rural US. In L. Kulcsar and K. Curtis (eds.), *International Handbook of Rural Demography*. The Springer Series on Demographic Methods and Population Analysis. New York: Springer.
- Winkler, R.L.**, D.R. Field, R. S. Krannich, and A.E. Luloff. 2011. Old West and New West: A regional perspective. In R. Krannich, A.E. Luloff, and D.R. Field (eds.) *People, Places and Landscapes: Social Change in High Amenity Rural Areas*. Springer.
- Winkler, R.** and K. Rhode. 2009. Social capital and concerns facing lower income young adults in the Brainerd Lakes area. *CES4Health.info (Community Engaged Scholarship)*. 11/10/2009. ID#ML6SYW4F.
- Winkler, R.L.**, D. R. Field, R. S. Krannich, A.E. Luloff, and T. Williams. 2007. Social landscapes of the Inter-Mountain West: A comparison of 'Old West' and 'New West' communities. *Rural Sociology* 72 (3): 478-501.
- Hammer, R.B. and **R.L. Winkler**. 2006. Housing affordability and population change in the Upper Midwestern Northwoods. In W. Kandel and D.L. Brown (eds.), *Population Change in Rural Society in the 21st Century*. The Springer Series on Demographic Methods and Population Analysis, Volume 16. New York: Springer.
- Hammer, R. B., S. I. Stewart, **R.L. Winkler**, V. C. Radeloff, and P. R. Voss. 2004. Characterizing dynamic spatial and temporal residential density patterns from 1940-1990 across the North Central United States. *Landscape and Urban Planning* 69: 183-199.

EDITED JOURNALS

- R.L. Winkler** and A. Carter (Eds). 2018/2019. Engaged Scholarship for Resilient Communities. *Social Sciences*. Fourteen research papers published in issues: 7(12), 8(1), 8(2), 8(3), and 8(4).

PROFESSIONAL PUBLICATIONS

- Burkett, E.*, R. Winkler, A. Carter, and T. Claramunt**. 2019. I once caught a fish “THIS BIG”: Using Participatory Photovoice to Understand Michigan’s Great Lakes Anglers. Michigan Sea Grant Report.
- Prehoda, E., J.B. Barnett, J. Meldrum, B. Niemi, C. Schelly, and **R.L. Winkler**. 2019. *A Guidebook to Increasing Low-to-Moderate Income Households’ Access to the Benefits of Rural Public Power Community Solar Programs*. American Public Power Association.
- Burkett, E.M.* and **R.L. Winkler**. 2019. Women are Helping Offset Wisconsin’s Gradual Decline in Fishing. WisCONTEXT. May 1, 2019. <https://www.wiscontext.org/women-are-helping-offset-wisconsins-gradual-decline-fishing>
- Burkett, E.M.* and **R.L. Winkler**. 2018. *Angler Demographics*. Website serving analytical reports, datasets, and maps covering angler participation in Indiana, Illinois, Michigan, Minnesota, and Wisconsin 2000-2016. <https://www.mtu.edu/greatlakes/research/fishery/>
- Burkett, E.M.* and **R.L. Winkler**. 2018. *Recreational Fishing in [Indiana/Illinois/Michigan/Minnesota/Wisconsin]: Using an age-period-cohort approach to understand fishing participation*. Michigan Technological University. Houghton, MI, USA. Five reports, one for each state, available online at <https://www.mtu.edu/greatlakes/research/fishery/>
- Burkett, E.M.* and **R.L. Winkler**. 2018. *Angler Population Estimates by Age and Sex*. Database and Documentation. Michigan Technological University. Houghton, MI, USA. Available online at <https://www.mtu.edu/greatlakes/research/fishery/>
- Burkett, E.M.* and **R.L. Winkler**. 2018. *Great Lakes Salmon/Trout Angler Population Estimates by Age and Sex*. Database and Documentation. Michigan Technological University. Houghton, MI, USA. Available online at <https://www.mtu.edu/greatlakes/research/fishery/>
- Burkett, E.M.*, **R.L. Winkler**, and R. Klaas**. 2018. *Upper Great Lakes States’ Recreational Angler Participation Mapbook*. Michigan Technological University. Houghton, MI, USA. Available online at <https://www.mtu.edu/greatlakes/research/fishery/>
- Winkler, R.L.** and K.M. Johnson. 2017. Moving to Diversity. *The Carsey Institute*. National Issue Brief #117.
- Smith, Miranda*, **R.L. Winkler** and K.M. Johnson. 2016. How Migration Impacts Rural America. Population Trends in Post-Recession Rural America Publication Series. Brief No. 03-16. Available online at http://w3001.apl.wisc.edu/b03_16
- Winkler, R.L.**, C.D. Henderson, and B.A. Rudolph. 2016. *Hunting in Michigan: Using an age-period-cohort approach to understand hunting participation*. Michigan Department of Natural Resources and Michigan Technological University Technical Report. Lansing, MI.
- Winkler, R.L.** and K. J. Curtis. 2015. “Indirect Methods for Estimating Internal Migration.” Invited entry in the *Encyclopedia of Migration*, Frank D. Bean and Susan K. Brown (eds.).
- Winkler, R.**, C. Cheng*, K. Johnson, P.R. Voss, and K. Curtis. County-Specific Net Migration by Five-Year Age Groups, Hispanic Origin, Race and Sex: 2000-2010. ICPSR34638-v1. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2013-09-05. <http://doi.org/10.3886/ICPSR34638.v1>
- Winkler, R.**, K. M. Johnson, C.Cheng*, J. Beaudoin, P. R. Voss, and K. J. Curtis. Age-Specific Net Migration Estimates for US Counties, 1950-2010. Applied Population Laboratory, University of Wisconsin-Madison, 2013. Web. www.netmigration.wisc.edu
- Johnson, K. M., **R. Winkler**, and L. T. Rogers*. 2013. Age and Lifecycle Patterns Driving U.S. Migration Shifts. *The Carsey Institute*. Issue Brief 62. April 12, 2013.
- Winkler, R.L.**, C. Cheng*, K. M. Johnson, P.R. Voss, and K.J. Curtis. “County-Specific Net Migration by Five- Year Age Groups, Hispanic Origin, Race and Sex 2000-2010.” CDE Working Paper No. 2013-04. Center for Demography and Ecology, University of Wisconsin- Madison. Madison, WI.

Winkler, R.L. and J. Pohlman**. 2010. *Wisconsin Regional Recreation Profiles*. Analysis and reports prepared for the Wisconsin Department of Natural Resources, 2010.

Winkler, R. and C. Payne^. March 2008. *Wisconsin High School Graduate Projections, 2008-2019*. Analysis and report prepared for the University of Wisconsin System.

Winkler, R. and D. Haueter*. December 2007. *Northern Wisconsin Higher Education Initiative Demographic Profile and Community Evaluation*. Report prepared for the Northern Wisconsin Higher Education Initiative Task Force.

Winkler, R. and S. Kemp. Fall 2007. *Wisconsin Public School Enrollment: Past, Present, and Future*.

SELECTED PRESS FEATURES

- 2020 "MTU Launches Film Series on Race" by Garrett Neese. *Daily Mining Gazette*. Nov 21, 2020.
- 2019 "Tagging fish with #fisHER" by Weiting Du. *Great Lakes Echo*. Sept 30, 2019.
- 2018 "The US Isn't Just Getting Older. Its Getting More Segregated by Age" by Marc Freedman and Trent Stamp. *Harvard Business Review*. June 6, 2018.
- 2018 "Fewer Michigan hunters" Guest appearance on radio show "Stateside" by *Michigan Public Radio*. November 15, 2018.
- 2018 "Michigan hunting in major decline- why that matters" by Keith Matheny. *Detroit Free Press*. November 9, 2018.
- 2018 "Luring more women to fishing in the Upper Great Lakes" by Morgan Springer. Morning Edition, *National Public Radio*. November 6, 2018.
- 2018 "Can Millennial women save sport fishing in the Great Lakes?" by Meira Gebel and Marc Daalder. *Detroit Free Press*. September 10, 2018.
- 2017 "Grassroots Energy." Invited appearance on *Media Meet* a weekly public affairs television program on *Michigan Public Television* WNMU-TV, Marquette, MI. Airdates June 24 & 25, 2017.
- 2017 "Your age may indicate your impact on racial segregation" by Mike Maciag in *Governing: The States and Localities*. April 12, 2017.
- 2016 "Leaving the electrical grid in the Upper Peninsula." *Science Daily*. May 31, 2016.
- 2015 "Expanding wildland-urban interface creates new land challenges" by Colleen Otte in *Great Lakes Echo*. October 1, 2015.
- 2014 "Abandoned Michigan mineshafts could be new energy option" by Andy Balaskovitz in *Midwest Energy News*, October 21, 2014
- 2014 "What 'age segregation' does to America" by Leon Neyfakh in *The Boston Globe*, August 31, 2014.
- 2014 "Evictions soar in hot market; Renters suffer" by Shaila Dewan in *The New York Times*, August 28, 2014. References journal article titled "Evicting Children."
- 2014 "New census data shows continuing decline in rural Wisconsin counties." Invited appearance on *Central Time*, Wisconsin Public Radio program. March 27, 2014.
- 2013 "A map of where Americans are moving" by Alissa Walker in *Gizmodo*, November 6, 2013. (<http://gizmodo.com/a-map-of-where-americans-are-moving-hellooooo-vegas-1459686108#replies>). **Selected as one of the 13 Best Maps of 2013.**
- 2013 "Mapping 60 years of white flight, brain drain, and American migration" by Emily Badger in *The Atlantic Cities*. November 1, 2013.

- 2013 "Older adults can off-set young adult migration from rural areas that have recreational amenities" *The Rural Blog*. April 12, 2013.
- 2013 "Age, kids, and jobs affect where Americans live" by Haya El Nasser in *USA Today*. April 12, 2013.
- 2013 "Migration slows, but does not change, U.S. Migration Trends" by Neil Shah in *The Wall Street Journal*. April 12, 2013.
- 2012 "Rural slide" by Lukas Keapproth and Mario Koran in *Wisconsin Watch*. October 9, 2012.
- 2011 "Wisconsin deer hunters in decline" by Patrick Durkin in *Wisconsin State Journal*. February 26, 2011.

SELECTED INVITED PRESENTATIONS

- 2020 Invited panelist on Great Lakes Theme Semester at University of Michigan, titled: "Lake Effects. The Fishery: Living in Living Systems" Feb 3, 2020.
- 2019 "You Can Make a Difference: Engaged Scholarship with Rural Communities". Keynote address. 7th Annual Rural Sociology Student Conference at Penn State. Nov 8, 2019.
- 2019 "UP Demographics: Implications for Energy." Presentation to the UP Energy Task Force (convened by Governor Gretchen Whitmer). St. Ignace, Michigan. Aug 5, 2019.
- 2019 "Connecting with Communities: Transdisciplinary Scholarship for Community Solar in the Keweenaw." Presentation to the Board of Trustees of Michigan Technological University. March 1, 2019.
- 2019 "Changes in Angler Demographics." Lake Superior Fisheries Workshop. April 29, 2019.
- 2018 "Angler Demographics: How Michigan's Angler Participation is Changing Now & in Years to Come." Michigan Natural Resource Commission. September 13, 2018.
- 2018 "Exporting Consumption: Lifestyle Migration and Energy Use in Costa Rica." Presentation at the Monteverde Institute, Monteverde, Costa Rica. July 2018.
- 2018 "Migracion de paises ricos y sus impactos ambientales en Costa Rica del siglo XXI." Presentation in Mesa Redonda: Impactos de las actividades humanas obre el medio ambiente en Costa Rica. University of Costa Rica, San Jose, Costa Rica. June 6, 2018.
- 2017 "Migration, Climate & Sustainability in Environmental Destinations." Presentation to the Centro Centroamericano de Población. May 24, 2017.
- 2017 "Shifting Angler Demographics across the Upper Great Lakes." Great Lakes Fishery Commission Lake Committee Meetings. March 22, 2017.
- 2017 "Keeping Pace with a Changing America: Conservation and Demographics." US Fish and Wildlife Service, Advanced Refuge Management Academy. August 15, 2017.
- 2016 "Making Research Matter: Democratizing science and other lofty goals." Michigan Tech Research Forum. October 13, 2016.
- 2016 "Arts and Community Sustainability." CALUMET STRONG Summer Presentation Series, led by Calumet area community members and the Keweenaw Heritage Center at St. Anne's. July 19, 2016.
- 2015 "Michigan Hunters: A Demographic Analysis & Projections of Future Hunters." Michigan Department of Natural Resources Commission Meeting. Cedarville, Michigan. October 8, 2015.
- 2014 "Deer Hunter Demography: An Age-Period-Cohort Approach." Invited seminar to Michigan State University Fisheries and Wildlife Department. January 31, 2014.
- 2013 "Young Adult Net Migration: An Ecological Analysis of Environmental, Social, and Economic Factors." Invited seminar to Cornell University's Community and Regional Development Institute

(CaRDI). September 25, 2013.

- 2013 “Net Migration Patterns as a Tool to Understand Community Change.” (with Katherine Curtis). Webinar hosted by the Population Reference Bureau. September 18, 2013.
- 2013 “Michigan’s Changing Demographics: Challenging Traditions and Driving Innovations”. Invited presentation to the General Session of the Michigan Department of Natural Resources, Wildlife Division Annual Meeting. August 14, 2013.
- 2013 “Recreational Homes, Gateway Communities, and Rural Development.” Webinar sponsored by the North Central Regional Center for Rural Development. March 13, 2013.
- 2012 “The Demographic State of our Society: Implications for Wildlife Conservation and Management.” Keynote address at the Organization of Wildlife Planners annual meeting. Breckenridge, CO, Sept. 23, 2012.
- 2010 “Wisconsin Demographics 2000-2010: Factors to Consider for Legislative Redistricting.” Presentation to Midwest Democracy Network’s forum on “Redrawing the Boundaries: A Wisconsin Redistricting Discussion.” Madison, WI, July 22, 2010.
- 2010 “CES4Health.info: Publishing diverse products of Community Engaged Scholarship.” Speaker featured in “Educational Conference Call Series: Community-Campus Partnerships for Health.” June 16, 2010.
- 2008 “Wisconsin’s Public School Enrollment: Past, Present, and Future.” Invited presentation to the State of Wisconsin Superintendent’s Cabinet, Madison, WI, May 7, 2008.

PROFESSIONAL ACTIVITIES & SERVICE

Elected/Appointed Positions:

- Bureau of the Census Scientific Advisory Committee (CSAC), US Census Bureau, 2019-2022
- US Census Bureau, CSAC Working Group on Differential Privacy, 2020-2021
- Associate Editor, *Población y Salud en Mesoamérica* (electronic journal focused on demography and public health, published by the Central American Population Center and the University of Costa Rica), 2018 to present.
- Associate Editor, *Journal of Rural Social Sciences*, August 2016 to present.
- Conference co-Chair for the International Symposium for Society and Resource Management (ISSRM) in Houghton, MI 2016.
- Board Member, Keweenaw Land Trust, 2015 to 2018.
- National Steering Committee, American Community Survey Data Users Group, 2013-2015.
- Secretary, Houghton County Energy Efficiency Team, 2014.
- Chair, W3001: Effects of the Great Recession and its Aftermath on Rural People and Places, U.S. Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA), Multistate Research Committee, 2011-2013.
- Membership Committee, Rural Sociological Society, 2018-present
- Nominations Committee, Rural Sociological Society, 2012-2013 and 2014-15.
- Nominations Committee Chair, Rural Sociological Society, 2013-2014.
- Awards Committee, Graduate Student Representative, Rural Sociological Society, 2006-2007.

Member: Rural Sociological Society; International Association for Society and Natural Resources (ISSRM); Population Association of America; W4001 Multistate Research Committee on Social, Economic and Environmental Causes and Consequences of Demographic Change in Rural America; Population-Environment Research Network (PERN)

Occasional Reviewer: Society and Natural Resources, Demography, Rural Sociology, American Sociological Review, National Science Foundation, Population and Environment, CRDF Global, Great Lakes Fishery

Commission, Population and Development Review, Journal of Wildlife Management, Journal of Applied Gerontology, Journal of Maps, Leisure and Society, SAGE Open, Environmental Management, Human Dimensions of Wildlife, Sociological Forum, Leisure and Society, Migration Studies

Selected Service to Professional Associations and Affiliations:

- Participant (invited). Workshop on Rationalizing Rural Area Classifications, National Academy of Sciences. April 2015.
- Faculty Affiliate, Center for Demography and Ecology, University of Wisconsin- Madison
- Faculty Affiliate, Applied Population Laboratory, University of Wisconsin- Madison
- Adjunct Faculty, University of Guelph, Department of Geography. Ontario, Canada.
- Research Affiliate, Monteverde Institute, Monteverde, Costa Rica. 2018.
- Research Affiliate, Central American Population Center, University of Costa Rica. 2018.
- International Association for Society and Natural Resources mentor, 2018.
- Core Conference Planning Committee for the International Symposium for Society and Resource Management (ISSRM) Madison, WI June 4-8, 2011
- ISSRM Scientific Committee 2015, 2017, 2018

Service to University (Michigan Tech) and Community

- Tech Forward Initiative on Education for the 21st Century, Global and Community Engagement Working Group, 2018-present
- Early Career Management (ECM) Mentor, 2017-18 (internal, Angie Carter), 2018-19 (external, Laura Connolly)
- Founder, Director, and Coach, Keweenaw Volleyball Club, 2017- present
- Community Engaged Scholarship Task Force, 2016-2018
- National Voter Registration Day project committee, 2017 to present
- Safe Place Ally, 2013-present
- Sustainability Demonstration House, Founding & Oversight Committee, 2017-present
- Goal 8 University Learning Goal committee on Social Responsibility and Ethical Reasoning, 2014- 2017
- League of Women Voters, member
- Wildlife Science and Conservation Search Committee, School of Forest Resources and Environmental Science, 2017
- Social Sciences Department Graduate Programs Committee, 2015-2017 and 2019- present
- GIS Scientist Search Committee, 2016/17
- Chair, Environmental Justice Search Committee, 2014/15
- Social Sciences Department Chair Search Committee member, 2014 (elected position)
- Faculty Mentor, Student Design Team on Developing a Community Guidebook to Minewater Geothermal, 2014 to 2016.
- Houghton County Energy Efficiency Team Community Meeting Facilitator, Sept 2014.
- Chair, Sociology Search Committee, 2012/2013.
- Geography Search Committee member, 2011-2012.
- Sociology Search Committee member, 2011-2012.
- Discussion leader for First Year Reading as Inquiry program: 2012, 2013, 2014, 2015.

TEACHING & STUDENT MENTORING (2/2 load at Michigan Tech)

University of Wisconsin-Madison

- Communities, Natural Resources, and Society (300-level Sociology/Rural Sociology/Forestry), Spring 2005
- Rural Social and Economic Issues (Short Course to non-traditional students), 2009-2010

University of Wisconsin-Oshkosh

- Tourism and Society (300-level Sociology), Winter 2008

Michigan Technological University (ongoing)

- Introduction to Social Science Research Methods, (2000-level course)
- Research Design, (6000-level grad course)
- Population and Environment, (3000-level course)
- Population and Environment, (5000-level grad course)
- Communities and Research, (4000-level grad/undergrad course)
- Introduction to Sociology, (2000-level course)
- Sociology of the Environment, (5000-level grad course)
- Human Dimensions of Natural Resources, (3000-level course)
- Community Solar Applications, (3000-level course)

Study Abroad

Developed a new 6-week summer program partnering Michigan Technological University with the Monteverde Institute in Monteverde, Costa Rica. Cancelled in 2020 & 2021. Planned for summer 2022.

Students Advised (at Michigan Tech):

PhD Committee Chair

Mayra Sanchez Morgan, Environmental and Energy Policy, Fall 2019 (now Educational Programs Specialist in International Programs and Services Office, Michigan Technological Univ)

Erin Burkett, Environmental and Energy Policy, Fall 2019 (now Lake Superior Outreach Specialist with University of Wisconsin- Extension)

Jennifer Rachels, Environmental and Energy Policy, in progress

Maia Madrid, Environmental and Energy Policy, in progress

Julia Peterson, Environmental and Energy Policy, in progress

PhD Committees

Aparajita Banergee, Environmental and Energy Policy, August 2016

Emily Prehoda, Environmental and Energy Policy, May 2019 (now Policy and Innovation Director at Chart House Energy)

Kelly Christensen, Environmental and Energy Policy, in progress

Abhilash Kantamneni, Geography, University of Guelph, in progress

Master of Science Committee Chair

Fangming Liu, Environmental and Energy Policy, Dec 2013 (now Teaching Assistant in School of Forestry in Henan Agricultural University, China)

Rhianna Williams, Environmental and Energy Policy, August 2015 (now Coordinator at Mountain Peak Life, Nederland, CO)

Chris Henderson, Environmental and Energy Policy, December 2015 (now PhD student, Michigan State University, Department of Fisheries and Wildlife)

Miranda Aho, Environmental and Energy Policy, August 2017 (now elementary teacher)

Kai Schmidt, Environmental and Energy Policy, in progress

Cindy Pindral, Environmental and Energy Policy, in progress

Olivia Ghormley, Environmental and Energy Policy, in progress

Master of Science Advisory Committee Member

Erica Jones, Civil and Environmental Engineering/Peace Corps Masters International, May 2014

Heather Simpson, Cognitive and Learning Sciences, Dec 2014 (now Assistant Director of MTU Center for Student Success)

Ronesha Strozier, Environmental and Energy Policy, Dec 2015 (now policy analysis at Wisconsin Department of Agriculture, Trade, and Consumer Protection)

Linda Kartano, School of Forest Resources and Environmental Science, Dec 2015

Carrie Karvakko, Cognitive and Learning Sciences, Dec 2015 (now teacher at Houghton High School)

Master of Science Advisory Committee Member (continued)

Edward Louie, Environmental and Energy Policy, May 2015 (now PhD student at Oregon State University)

Adrienne Masterton, Civil and Environmental Engineering/Peace Corps Masters International, Dec 2017

Alexis Pascaris, Environmental and Energy Policy, in progress

Roberto Armijo, Civil and Environmental Engineering/Peace Corps Masters International, in progress

Micah Koller, Civil and Environmental Engineering/Peace Corps Masters International, in progress