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

Associate Professor, Department of Social Sciences, Michigan Technological University. Aug 2015-present

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

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

HONORS & AWARDS

2019 Community Contributor of the Year- Spark Plug, Keweenaw Chamber of Commerce

2018 Distinguished Teaching Award, Michigan Technological University

2017 Excellence in Instruction Award, Rural Sociological Society

2017 Distinguished Faculty Service Award, Michigan Technological University

2016 Distinguished Lecturer Award, Michigan Tech University Research Forum, selected from nominees across campus for the inaugural award. Fall 2016.

2013 Michigan Tech University, Center for Teaching and Learning, Creative Canvas Course Contest Winner

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

2007 Rural Sociological Society Dissertation Research Award

1999 Phi Beta Kappa

EXTERNALLY FUNDED RESEARCH GRANTS (total value $763,822 at MTU)

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.

2018 "I once caught a fish THIS big." Principal Investigator with PhD student. Michigan Sea Grant. Feb 2018 to Aug 2019.

2018 "Community Solar in Rural Communities." Co-Investigator. WPPI Energy. 2018-Dec 2019.

2017 "L'Anse Community Solar Study." Principal Investigator. Western Upper Peninsula Planning and Development Region. May 2017 to February 2019.

2015 "Angler Demographics: An Age-Period-Cohort Analysis." Principal Investigator. Great Lakes Fishery Commission. March 2015 to March 2018.

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.

2014 "Geographic Analysis of Age-Period-Cohort Dimensions in Michigan Hunter Participation." Principal Investigator. Michigan Department of Natural Resources. July 2014 to August 2016.

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.

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.

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.

2011 "Age Specific Net Migration Estimates for US Counties." Principal Investigator. NIH/NICHD. R 0 3 . September 2011 to June 2014.

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.

2010 "County-Level Net Migration Estimates, 2000-2010." Lead Investigator. USDA Economic Research Service Cooperate Agreement. Awarded: 9/1/2010 to 8/31/2011.

2008 "Rural Destinations, Community, and Social Exclusion." Lead Investigator. Brainerd Lakes Area Community Foundation. Awarded: 5/25/2008 to 5/24/2009.

PEER REVIEWED PUBLICATIONS [1]

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.

Morgan, M. S.*, Winkler, R. L. 2019. The Third Shift? Gender and Empowerment in a Women's Ecotourism Cooperative. *Rural Sociology*. Published online first April 30, 2019.

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. MDPI.

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*. Findings abstract published online October 11, 2018.

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. 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. Winkler (authorship shared equally). "Amenity Migration in the New Global Economy: Current Issues and Research Priorities." *Society and Natural Resources* 28(10).

Mayer, A., R. Winkler and L. Fry. 2014. "Classification of Watersheds into Integrated Social and Biophysical Indicators with Clustering Analysis." *Ecological Indicators* 45: 340-349.

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., 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*: 194-200.

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. 2013. Living on lakes: Segregated communities and social exclusion in a natural amenity destination. *The Sociological Quarterly* 54 (1): 105-129.

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

Winkler, R., 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. 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.

SELECTED PROFESSIONAL PUBLICATIONS

Prehoda, E., J.B. Barnett, J. Meldrum, B. Niemi, C. Schelly, and R.L. Winkler. 2019 (forthcoming). A Guidebook to Increasing Low-to-Moderate Income Households' Access to the Benefits of Rural Public Power Community Solar Programs.

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., 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. 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.

The 2005-2010 Wisconsin Statewide Comprehensive Outdoor Recreation Plan. 2006. Prepared by Wisconsin Department of Natural Resources (contributing author).

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

SELECTED PRESS FEATURES

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 "More women in the field" by Allison Batdorff in *Traverse City Record Eagle*. November 4.

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 "New UW website charts migration in US for past 60 years" by Bill Novak in *Wisconsin State Journal*. October 31, 2013.

2013 "Migration patterns reveal much about US population, research finds" by Dennis Walikainen in *Phys.org*. May 30, 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.

2009 "Young and 'alone.'" By Renee Richardson in the *Brainerd Dispatch*. June 30, 2009.

SELECTED INVITED PRESENTATIONS

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 "Changes in Angler Demographics." Lake Superior Fisheries Workshop. April 29.

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 "Using Minewater for Geothermal Energy in the Keweenaw." Invited presentation at Michigan Tech University's Green Lecture Series. November 20, 2014.

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. Archived at http://ncrcrd.msu.edu/ncrcrd/topic_area_sustainable_communities.

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.

2009 "Social Capital and Concerns Facing Lower Income Young Adults in the Brainerd Lakes Area." Presentation to the Brainerd Lakes Area Community Foundation Board of Directors, local community groups, and Brainerd, MN press. June 29, 2009.

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:

- Special Issue Co-Editor "Engaged Scholarship for Resilient Communities" for *Social Sciences,* 2018-9.
- 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.
- Associate Editor, Journal of Rural Social Sciences, August 2016 to present.
- 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.
- 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: 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; Rural Sociological Society; Population-Environment Research Network (PERN)

Occasional Reviewer: Society and Natural Resources, Demography, Rural Sociology, American Sociological Review, Population and Environment, CRDF Global, Great Lakes Fishery Commission, USDA Small Business Innovation Research Program, Journal of Wildlife Management, Journal of Applied Gerontology, Journal of Maps, Leisure and Society, SAGE Open, Environmental Management, Human Dimensions of Wildlife

Selected Service to Professional Associations and Affiliations:

- Participant (invited). Workshop on Rationalizing Rural Area Classifications, National Academy of Sciences. April 2015.
- 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
- 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.

Selected Service to Professional Associations and Affiliations:

- Adjunct Faculty, University of Guelph, Department of Geography. Ontario, Canada. 2017-present.
- 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.
- Workshop Participant (invited). Rationalizing Rural Area Classifications, National Academy of Sciences. 2015.
- ISSRM Scientific Committee 2015, 2017
- Core Conference Planning Committee for the International Symposium for Society and Resource Management (ISSRM) Madison, WI June 4-8, 2011
- Faculty Affiliate, Applied Population Laboratory, University of Wisconsin- Madison

Service to University (Michigan Tech) and Community

- Community Engaged Scholarship Task Force, 2016 to present
- Safe Place Ally for LGBTQ students, 2013-present
- Sustainability House 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 Oversight Committee, 2015-2017
- 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.
- Community Based Research Project in Communities and Research course, partnering with *Main Street Calumet*. Ongoing collaboration Summer 2012 to present.
- Community Engaged Research Project with *Little Brothers Friends of the Elderly* in Introduction to Research Methods course, Spring 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.
- Community Based Research Project in Introduction to Sociology course, partnering with Copper Country Mental Health. Fall 2012.

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), Fall 2009 & Fall 2010

University of Wisconsin-Oshkosh

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

Michigan Technological University (onging)

- Research Methods, (2000-level course)
- Population and Environment, (3000-level course)
- Population and Environment, (5000-level grad course)
- Rural Community Sustainability, (4000-level grad/undergrad 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)

Students Advised (at Michigan Tech unless otherwise noted):

PhD Committee Chair

Mayra Sanchez Morgan, Environmental and Energy Policy, in progress
Erin Burkett, Environmental and Energy Policy, in progress
Jennifer Rachels, Environmental and Energy Policy, in progress

PhD Committees

Aparajita Banergee, Environmental and Energy Policy, August 2016
Emily Prehoda, Environmental and Energy Policy, May 2019
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 Research Assistant, UCLA Institute of the Environment and Sustainability)
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

Master of Science Advisory Committee Member

Roberto Armijo, Civil and Environmental Engineering/Peace Corps Masters International, in progress
Adrienne Masterton, Civil and Environmental Engineering/Peace Corps Masters International, Dec 2017
Kristine Nachbor, Biological Sciences/Peace Corps Masters International, in progress
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)
Edward Louie, Environmental and Energy Policy, May 2015 (now PhD student at Oregon State University)
Heather Simpson, Cognitive and Learning Sciences, Dec 2014 (now Assistant Director of MTU Center for Student Success)
Erica Jones, Civil and Environmental Engineering/Peace Corps Masters International, May 2014