

Darla K. Munroe

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EDUCATION

Ph.D. 2000. Geography, University of Illinois
Dissertation: *Regional Variations in Polish Peasant Farming: Composed Error, Spatial Econometric and Spatial Interaction Techniques*

M.A. 1995. Applied Economics, University of Michigan

B.A. 1993. Economics and International Affairs, University of Colorado

PROFESSIONAL HISTORY

2019-
2018-19 Chair, Department of Geography, The Ohio State University, Columbus
Interim Chair, Department of Geography, The Ohio State University, Columbus.

2015- Professor, Department of Geography; Professor, Department of Agricultural, Environmental and
Development Economics, The Ohio State University, Columbus.

2009-2015 Associate Professor, Department of Geography; Adjunct Associate Professor, Department of
Agricultural, Environmental and Development Economics, The Ohio State University, Columbus.

2004-2009 Assistant Professor, Department of Geography; Adjunct Assistant Professor, Department of
Agricultural, Environmental and Development Economics, The Ohio State University

2002-2004 Assistant Professor, Department of Geography and Earth Sciences, University of North Carolina at
Charlotte

2000-2002 Postdoctoral Research Associate, Center for the Study of Institutions, Population, and Environmental
Change (CIPEC), Indiana University

1999-2000 Graduate Research Assistant, U.S. Army Construction Engineering Research Laboratory
(USACERL), Ecological Processes Division, Champaign, IL

1996-1999 Graduate Research Assistant, Regional Economics Applications Laboratory (REAL), Department of
Geography, University of Illinois

AWARDS AND HONORS

2011-2012 U.S. Fulbright Scholar, Humboldt University of Berlin, Berlin, Germany (September – February)

2007 Lawrence A. Brown Faculty Fellowship, Department of Geography, Ohio State University (\$5,000
for research)

- 2000 Howard G. Roepke Award for Outstanding Achievement in the Ph.D. Degree Program, Department of Geography, University of Illinois (\$1,000)
- 1999-2000 Charles S. Alexander Graduate Fellowship for Women in Geography, University of Illinois (\$12,000)
- 1997-1998 Foreign Language/Area Studies Fellow, Intermediate Polish, University of Illinois
- 1997 Foreign Language/Area Studies Fellow, Beginning Polish, Summer Workshop in Slavic and Central European Languages, Indiana University
- 1997 Foreign Language Enhancement Program Scholarship Recipient
- 1993-1994 Fulbright/Deutscher Akademischer Austauschdienst Fellow, Friedrich-Albert Universität, Erlangen, Germany

RESEARCH GRANTS AND CONTRACTS

- 2016-2020 USDA Foundational Program Competitive Grant, Agriculture and Food Research Initiative. Biodiversity, ecosystem services, and the socioeconomic sustainability of rural forest-based communities. **D.K. Munroe, PI, Ohio State University**,^[SEP]M. Crandall, co-PI, University of Maine, K.P. Bell, co-I, University of Maine,^[SEP]C. Colocousis, co-PI, James Madison University, A. Morzillo, co-PI, University of Connecticut, \$439,966 (OSU portion \$176,790).
- 2012-2015 National Science Foundation (NSF) Socio-environmental Synthesis Center (SESYNC). Pursuit: Rural forest communities at a tipping point? Trends and actionable research opportunities. PIs Brian McGill and Kathleen Bell. **Senior Key Participant D.K. Munroe**. \$150,000.
- 2010-2016 National Science Foundation (NSF), Award #1010314. Dynamics of Coupled Natural-Human Systems Program. Explaining Socioecological Resilience Following Collapse: Forest Recovery in Appalachian Ohio. **D.K. Munroe (PI)**, with co-PIs D. Liu, B. Mansfield and K. McSweeney (OSU). \$1,246,608 awarded for five years (plus one year no-cost extension).
- 2008-2012 Core Project: Designing effect land management policies for the 21st century Ohio River Basin. Climate-Water-Carbon Program, Ohio State University. C. Goebel, E. Irwin, R. Moore and R. Wilson, PIs. Co-PIs **D.K. Munroe**, E. Toman and T. Koontz. Grant Awarded for \$327,822 (social science portion).
- 2006-2009 National Aeronautics and Space Administration (NASA), Land-Cover/Land-Use Change Program, Award #NNG06GD31G. A Comprehensive Statistical Analysis System to Associate Local Land-Cover/Land-Use Change and Regional Aerosol Composition and Concentration. **D.K. Munroe (PI)** with N. Xiao (co-I), C. Calder, Statistics, (co-I), and T. Shi, Statistics, (co-I). \$621,550 awarded
- 2005 Office of International Affairs (OIA) Faculty International Travel Grant, Multilevel Spatial Models of Land-use/cover Change. Ohio State University, to support travel to Berlin, Germany in October. \$1,800 awarded
- 2005 Seed Grant Program, Center for Urban and Regional Analysis (CURA), The Ohio State University. Multiscale Exurban Land Markets in Ohio. \$29,921 awarded
- 2004 Voices and Choices of the Carolinas. The Economic Impact of the Catawba Regional Trail. Harry S. Campbell, UNC Charlotte (PI), and **D.K. Munroe** (co-PI). \$28,112 awarded

10/31/2019

- 2003 University of North Carolina at Charlotte, Junior Faculty Research Grant. Comparative Land Cover Trajectories in Guatemala and Honduras: Topography, Accessibility and Protection. \$4,800 awarded

OTHER GRANTS

- 2013 SBS International Travel Grant, OSU, for travel to professional meeting, Berlin, Germany \$2,000
2011 Association of American Geographers Faculty Research Grant, \$700
2008 SBS International Travel Grant, OSU, for travel to professional meeting, Bonn, Germany \$2,000
2007 SBS International Travel Grant, OSU, for travel to professional meeting, Paris, France, \$2,000
2007 SBS International Travel Grant, OSU, for travel to professional meeting, Utrecht, Netherlands, \$2,000
2005 SBS International Travel Grant, OSU, for travel to professional meeting, Bonn, Germany, \$2,000
2003 Faculty International Travel Grant, UNC Charlotte, for travel to professional meeting, Durban, South Africa, \$1,500

PUBLICATIONS (* denotes graduate student collaborator)

Refereed Journal Articles (47)

- 2019 Munroe, D.K. and K. McSweeney. Addressing root drivers of land-climate dynamics. *One Earth* 1(2): 181-184.
- 2019 Munroe, Darla, Mateus Batistella, Cecilie Friis, Nestor Ignacio Gasparri, Eric Lambin, Jianguo Liu, Patrick Meyfroidt, Emilio Moran, Jonas Østergaard Nielsen. Governing flows in telecoupled land systems. *Current Opinion in Environmental Sustainability*. 38:53–59.
- 2019 Munroe, D., M. Crandall, C. Colocousis, K.P. Bell and A.T. Morzillo. Reciprocal relationships between forest management and regional landscape structures: applying concepts from land system science to private forest management. *Journal of Land Use Science*.
- 2019 Nielsen, Jonas Ø, Ariane de Bremond, Rinku Roy Chowdhury, Cecilie Friis, Graciela Metternicht, Patrick Meyfroidt, Darla Munroe, Unai Pascual, Allison Thomson, Toward a normative land systems science. *Current Opinion in Environmental Sustainability* 38 (1-6).
- 2018 Gallemore, C., D. Munroe, D. van Berkel. Rural-to-urban migration and the geography of absentee non-industrial private forest ownership: A case from southeast Ohio. *Applied Geography* 96: 141-152.
- 2017 Van Berkel, D.B., Rayfield, B., ... D.K. Munroe et al. Recognizing the ‘sparsely settled forest’: Multi-decade socioecological change dynamics and community exemplars. *Landscape and Urban Planning* 170: 177-186.
- 2017 Munroe, D.K. Effects of Land Use. In *Oxford Bibliographies in Environmental Science*. Ed. Ellen Wohl. New York: Oxford University Press. DOI: 10.1093/OBO/9780199363445-0084
- 2017 Munroe, D.K., C. Gallemore*, D.B. Van Berkel. Hot-tub cabin rentals and forest tourism in Hocking County, Ohio. *Revue économique* 68(3): 491-510.
- 2016 Wang, H., D. Liu, D.K. Munroe, C. Biermann* and K. Cao. Study on Selecting Sensitive Environmental Variables in Modeling Species Spatial Distribution. *Annals of GIS* 22(1): 57-69.

- 2016 Wang, H., H. Lin, D.K. Munroe, X. Zhang and P. Liu. Reconstructing Rice Phenology Curves with Frequency-based Analysis and Multi-temporal NDVI in Double-cropping Area in Jiangsu China. *Frontiers of Earth Science* 10(2): 292-302.
- 2015 Morzillo, A.T., C.R. Colocousis, D.K. Munroe, K.P. Bell, S. Martinuzzi, D.B. Van Berkel, M.J. Lechowicz, B. Rayfield, B. McGill. "Communities in the middle": interactions between drivers of change and place-based characteristics in rural forest-based communities. *Journal of Rural Studies* 42:79-90.
- 2015 Wang, H., J. Rogers and D.K. Munroe. Commonly Used Drought Indices as Indicators of Soil Moisture in China. *Journal of Hydrometeorology*. 16(3): 1397-1408.
- 2015 Mansfield, B. C. Biermann*, K. McSweeney, J. Law*, C. Gallemore, L. Horner and D.K. Munroe. Environmental politics after nature: conflicting socioecological futures. *Annals of the Association of American Geographers*. Special Issue on Futures: Imagining Socio-Ecological Transformation 105(2): 284-293.
- 2014 Frayer*, J. D. Mueller, Z. Sun, D.K. Munroe, J. Xu. Processes Underlying 50 Years of Local Forest-Cover Change in Yunnan, China. *Forests*. 5(12): 3257-3273.
- 2014 Van Berkel, D.B., D.K. Munroe and C. Gallemore. Spatial analysis of land suitability, hot-tub cabins and forest tourism in Appalachian Ohio. *Applied Geography*. 54: 139-148.
- 2014 Munroe, D.K., K. McSweeney, J.L. Olson*, and B. Mansfield. Using economic geography to reinvigorate land-change science. *Geoforum*. 52: 12-21.
- 2014 Lave, R., M. Wilson, E. Barron, C. Biermann*, M. Carey, C. Duvall, L. Johnson, K. Lane, N. McClintock, D. Munroe, R. Pain, J. Proctor, B. Rhoads, M. Robertson, J. Rossi, N. Sayre, G. Simon, M. Tadaki, C. and J. VanDyke. Critical physical geography. *Canadian Geographer*. 58(1): 1-10.
- 2014 Frayer*, J., Z. Sun, D. Mueller, D.K. Munroe, J. Xu. Analyzing the drivers of tree planting in Yunnan, China, with Bayesian networks. *Land Use Policy* 36: 248-258.
- 2013 Clark, J.K., and D.K. Munroe. Reconceptualization of farmer adaptation: relating agents, the political economy and the (re)creation of rural spaces. *Journal of Rural and Community Development* 8(3): 15-28.
- 2013 Gallemore*, C. and D.K. Munroe. Divide and conserve? International forest governance under REDD+. *Global Environmental Change* 23(5): 1199-1210.
- 2013 Munroe, D.K., D.B. Van Berkel, J.L. Olson* and P.H. Verburg. Alternative trajectories of agricultural abandonment. *Current Opinion in Environmental Sustainability*. 5: 471-476.
- 2013 Wan, R. D. Liu, D.K. Munroe, and S. Cai.* Modelling potential hydrological impact of abandoned underground mines in the Monday Creek Watershed, Ohio. *Hydrological Processes*. 27(25): 3607-3616.
- 2012 Olson, J.L.* and D.K. Munroe. Natural amenities and rural development in new urban-rural spaces. *Regional Science Policy and Practice* 4:355-371.
- 2012 Seto, K. C., A. Reenberg, C.G. Boone, M. Fragkias, D. Haase, T. Langanke, P. Marcotullio, D.K. Munroe, B. Olah and D. Simon. Urban land teleconnections and sustainability. *Proceedings of the National Academies of Science*. 109(40): 16083-16088.

- 2011 Calder, C.A., C. Berrett*, T. Shi, N. Xiao and D.K. Munroe. Modeling space-time dynamics of aerosols using satellite data and atmospheric transport model output. *Journal of Agricultural, Biological and Environmental Statistics*. 16(4): 495-512.
- 2010 Clark, J.K., D.K. Munroe and B. Mansfield. What counts as farming: how classification limits regionalization of the food system. *Cambridge Journal of Regions, Economy and Society*. 3(2): 245-259.
- 2010 Mansfield, B., D.K. Munroe, and K. McSweeney. Does economic growth cause environmental recovery? Geographical Explanations of Forest Regrowth. *Geography Compass* 4(5): 416-427.
- 2009 York, A.M. and D.K. Munroe. Urban encroachment, forest regrowth and land-use institutions: does zoning matter? *Land Use Policy* 27(2): 471-479.
- 2009 Irwin, E.G., C. Jayaprakash, D.K. Munroe. Towards a comprehensive framework for modeling urban spatial dynamics. *Landscape Ecology* 24(9): 1223-1236.
- 2009 Clark*, J.K.B., R. McChesney*, D.K. Munroe and E.G. Irwin. Emerging exurbia: spatial characteristics of exurban settlement. *Landscape and Urban Planning* 90: 178-188.
- 2008 Xiao, N., T. Shi, C. Calder, D.K. Munroe, C Berrett*, S. Wolfinbarger*, and Li*, D. Spatial characteristics of the difference between MISR and MODIS aerosol optical depth retrievals over mainland Southeast Asia. *Remote Sensing of Environment* 113(1): 1-9.
- 2008 Munroe, D.K., S.R. Wolfinbarger*, C.A. Calder, T. Shi, N. Xiao, C.Q. Lam*, and D. Li*. The relationships between biomass burning, land-cover/use change, and the distribution of carbonaceous aerosols in mainland Southeast Asia: A Review and Synthesis. *Journal of Land Use Science* 3(2-3): 161-183.
- 2008 Müller, D. and D.K. Munroe. Changing rural landscapes in Albania: cropland abandonment and forest clearing in the postsocialist transition. *Annals of the Association of American Geographers* 98(4): 855-876.
- 2007 Munroe, D.K., H. Nagendra and J. Southworth. Monitoring landscape fragmentation in an inaccessible mountain region: the case of Celaque National Park. *Landscape and Urban Planning* 83: 154-167.
- 2007 Munroe, D.K. Exploring the determinants of spatial pattern in residential land markets: amenities and disamenities in Charlotte, NC, USA. *Environment and Planning B* 34: 336-354.
- 2007 Campbell, H.S., and D.K. Munroe. Greenways and greenbacks: the impact of the Catawba Regional Trail on property values in Charlotte, North Carolina. *Southeastern Geographer* 47(1): 118-137.
- 2007 Munroe, D.K and D. Müller. Issues in spatially-explicit statistical land-use/cover change (LUCC) models: examples from Western Honduras and the Central Highlands of Vietnam. *Land Use Policy* 24(3): 521-530.
- 2007 Parker, D.C. and D.K. Munroe. The geography of market failure: spatial tests for edge-effect externalities and external scale economies in California Certified Organic Agriculture. *Ecological Economics* 60(4): 821-833.
- 2005 Munroe, D.K., C. Croissant* and A.M. York*. Land use policy and landscape fragmentation in an urbanizing region: assessing the impact of zoning. *Applied Geography* 25:121-141.
- 2005 Tucker, C.M., D.K. Munroe, H. Nagendra, and J. Southworth. Comparative spatial analyses of forest conservation and change in Honduras and Guatemala. *Conservation and Society* 3(1): 174-2005.

- 2005 Müller, D. and D.K. Munroe. Tradeoffs between rural development policies and forest protection: spatially-explicit modeling in the Central Highlands of Vietnam. *Land Economics* 81(3): 412-425.
- 2004 Munroe, D.K., J. Southworth and C. M. Tucker. Modeling spatially and temporally complex land cover change: the case of Western Honduras. *Professional Geographer* 56(4): 544-559.
- 2004 Southworth, J., D. Munroe, and H. Nagendra. Land cover change and landscape fragmentation: comparing the utility of continuous and discrete analyses for a Western Honduras region. *Agriculture, Ecosystems and Environment* 101(2-3): 185-205.
- 2003 Munroe, D.K., and A.M. York*. Jobs, houses and trees: changing regional structure, local land use-patterns, and forest cover in Southern Indiana. *Growth and Change* 34(3): 299-320.
- 2002 Croissant*, C. and D. Munroe. Zoning and fragmentation of agricultural and forest land use on residential parcels in Monroe County, Indiana. *Geography Research Forum* 22: 91-109.
- 2002 Munroe, D.K., J. Southworth and C.M. Tucker. The dynamics of land-cover change in Western Honduras: exploring spatial and temporal complexity. *Agricultural Economics* 27(3): 355-369.
- 2001 Munroe, D. Peasant farm efficiency in Poland: an international perspective. *Regional Studies* 35(5): 459-469.

Chapters in Edited Books (11)

- 2013 York, A.M. and D.K. Munroe. Land-Use Institutions and Natural Resources in Fast-Growing Communities at the Urban-Rural Fringe. E.S. Brondizio and E.F. Moran, eds. Human-Environment Interactions. Dordrecht, Germany: Springer.
- 2010 Munroe, D.K. Pattern-Based Evaluation of Peri-urban Development in Delaware County, Ohio, USA: Roads, Taxes and Spatial Externalities. In A. Paez, J. Le Gallo, R. Buliung and S. Dall'Erba, eds. Progress in Spatial Analysis: Theory and Computation, and Thematic Applications. (Advances in Spatial Science Series). Berlin, Germany: Springer. pp. 149-170.
- 2009 Polsky, C. and D.K. Munroe. Scale in Integrated Regional Assessments: Issues, Problems, and Methodological Advancements. In G. Knight and J. Jaeger, eds. Integrated Regional Assessment and Global Climate Change. Global Change SysTem for Analysis, Research and Training (START). Cambridge, UK: Cambridge University Press. pp. 68-89.
- 2009 Müller, D. and D.K. Munroe. Simulating the Effects of Rural Development Policies on Land Use: Evidence from Spatially Explicit Modeling in the Central Highlands of Vietnam. In J. Pilz, (Ed.), Interfacing Geostatistics and GIS. Berlin, Germany: Springer. pp. 91-104.
- 2007 Munroe, D.K., G.J.D. Hewings and D. Guo*. The Role of Intraindustry Trade in Interregional Trade in the Midwest of the U.S. In R.J. Cooper, K.P. Donaghy, and G.J.D. Hewings, eds. Globalization and Regional Economic Modeling (Advances in Spatial Science). Berlin, Germany: Springer. pp 87-99.
- 2006 Munroe, D.K. Maximizing the Value of Greenways: The Case of the Catawba Regional Trail. In J.I. Carruthers, ed. Environmental Valuation: Intraregional And Interregional Perspectives. Aldershot, U.K.: Ashgate. pp. 211-228.
- 2006 Munroe, D.K. Probit/Logit Model. In H. Geist, ed. The Earth's Changing Land: An Encyclopedia of Land-Use and Land-Cover Change. V2. Westport, CT: Greenwood. pp. 486-487.

- 2006 Müller, D. and D.K. Munroe. Hot Spot Identification. In H. Geist, ed. The Earth's Changing Land: An Encyclopedia of Land-Use and Land-Cover Change. V1. Westport, CT: Greenwood. pp. 287-290.
- 2005 Evans, T.P., D.K. Munroe, and D.C. Parker. Modeling Land-Use/Land-Cover Change: Exploring the Dynamics of Human-Environment Relationships. In E. Moran and E. Ostrom, eds. Seeing the Forest and the Trees: Human-Environment Interactions in Forest Ecosystems. Cambridge, MA: MIT Press. pp. 187-214.
- 2004 Munroe, D.K. and J.J. Biles. Regional Science. In K. Kempf-Leonard. Encyclopedia of Social Measurement. Amsterdam, Netherlands: Elsevier. pp. 325-335.
- 2004 Southworth, J., D.K. Munroe, H. Nagendra, and C.M. Tucker, 2004. Forest Degradation and Fragmentation within Celaque National Park, Honduras. In D.G. Janelle, B. Warf and K. Hansen, eds. WorldMinds: Geographical Perspectives on 100 Problems. Dordrecht, Netherlands: Kluwer. pp. 305-310.

Policy and Technical Reports (3)

- 2008 Munroe, D.K., N. Xiao, C.A. Calder, and T. Shi. Fire-land-atmosphere modeling and evaluation for Southeast Asia (FLAMES). In *Newsletter of the Global Land Project*. Issue No. 3. January.
- 2004 York*, A.M. and D.K. Munroe. Southern Indiana's Changing Economic Structure and Forests. *Woodland Steward* 13(1).
- 2004 Tucker, C.M., D.K. Munroe, J. Southworth, and H. Nagendra. Trading spaces: Following the impact of forest-coffee conversions on Honduran livelihoods. *IHDP Update: Newsletter of the International Human Dimensions Programme on Global Environmental Change*. Issue 14-15.

Book Reviews (1)

- 1999 Regional and Local Potential for Transformation in Poland. G. Gorzelak. Warsaw: European Institute for Regional and Local Development 1998. *Papers in Regional Science* 78(2): 223-229.

Editor-Reviewed Articles (4)

- 2019 Roy Chowdhury, Rinku, Darla K. Munroe, Ariane de Bremond. Sustainability governance and transformation. *Current Opinion in Environmental Sustainability*. 38:A1-A6.
- 2014 Müller, D. and D.K. Munroe. Current and future challenges in land-use science. *Journal of Land Use Science* 9(2): 133-142.
- 2006 Southworth, J., H. Nagendra, D.K. Munroe. Introduction to the Special Issue. Are parks working? Exploring human-environment tradeoffs in protected area conservation. *Applied Geography* 26(2): 87-95.
- 2004 Nagendra, H., D.K. Munroe and J. Southworth. Introduction to the Special Issue. From pattern to process: Landscape fragmentation and the analysis of land use/land cover change. *Agriculture, Ecosystems and Environment* 101(2-3): 111-115.

Proceedings (1)

- 2000 Munroe, D.K. and G.J.D. Hewings. The Role of Intraindustry Trade in Interregional Trade in the Midwest of the US. Papers of the XIII International Conference on Input-Output Techniques. University of Macerata, Italy, August 21-25th. Accessible at: <http://policy.rutgers.edu/cupr/iioa/iioa3.htm>

PRESENTATIONS AT PROFESSIONAL MEETINGS

- 2019 Governing flows in telecoupled land systems. 4th Open Science Meeting of the *Global Land Programme*, Bern, Switzerland. April.
- 2019 Governing flows in telecoupled land systems. *Association of American Geographers Annual Meeting*, Washington, D.C. April.
- 2018 What constitutes forest management? Landscape-level, social-environmental feedbacks that structure forest decision-making. *Association of American Geographers Annual Meeting*, New Orleans, LA. April.
- 2017 Teleconnected landowners in rural, forested communities. *Association of American Geographers Annual Meeting*, Boston, MA. April.
- 2016 Telecoupled land systems: an evolutionary approach. Keynote Address. 3rd *Open Science Meeting of the Global Land Programme*. Beijing, China. October.
- 2016 Relationships Between Parcelization and Forest Fragmentation: Forestland Subdivision as Rural Gentrification? *Association of American Geographers Annual Meeting*, San Francisco, CA. March.
- 2015 Munroe, D.K. Do increasingly telecoupled land systems promote or undermine sustainability? Symposium. "Sustainable Intensification: New Analysis and Theory." *American Association for the Advancement of Science*. San Jose, CA. February.
- 2014 Munroe, D.K. Hot-tub cabin rentals and forest tourism in Hocking County, Ohio. *Regional Science Association International 61st Annual North American Meeting*. Bethesda, MD. November.
- 2014 Munroe, D.K. A progressive sense of place: cities as hierarchies in a teleconnected world. *Global Land Project Open Science Meeting*. Berlin, Germany. March.
- 2012 Munroe, D.K. Spatial patterns of forest tourism in Hocking County, Ohio. *Regional Science Association International 59th Annual North American Meeting*. Ottawa, ON. November.
- 2010 Munroe, D.K. Environment-economy relationships in the forests of Appalachian Ohio. *Association of American Geographers 106th Annual Meeting*, Washington, DC. April.
- 2009 Munroe, D.K. Land-lake relationships and the amenity economy of Lake Erie. *Association of American Geographers 105th Annual Meeting*, Las Vegas, NV. March.
- 2008 Munroe, D.K. Pattern-Based Evaluation of Exurban Development in Ohio. *Association of American Geographers 104th Annual Meeting*, Boston, MA. April.
- 2007 Munroe, D.K. A Comparative Analysis of Peri-Urban Development Patterns in Ohio, USA: Roads, Taxes and Spatial Externalities. *Joint Congress of the European Regional Science Association (47th Congress) and ASRDLF (Association de Science Régionale de Langue Française, 44th Congress)*, Paris, France. August.

- 2007 Munroe, D.K., and E.G. Irwin. The Complexities of Periurban Development: Multiscale Processes Underlying Residential Land Conversion. *Framing Land Use Dynamics II*, Utrecht, Netherlands. April.
- 2006 Munroe, D.K., H. Ban and J. Biles. Multiscale Models of Exurban Land Conversion in Ohio. *Regional Science Association International 53rd Annual North American Meeting*, Toronto, ON. November.
- 2006 Munroe, D.K. The Complexities of Exurban Development: Conceptualizing Residential Land Conversion as a Multilevel Process. *Association of American Geographers 102nd Annual Meeting*, Chicago, IL. March.
- 2005 Munroe, D.K., J.K.B. Clark, and E.G. Irwin. Regional Variations in Exurbanization in the US Midwest. *Regional Science Association International 52nd Annual North American Meeting*, Las Vegas, NV. November.
- 2005 Munroe, D.K. and J. Southworth. Multivariate Multiple Regression Models of Land Cover: Can Land Use Drivers Predict Continuous Land Cover Outcomes? 2005 *Open Meeting of the Human Dimensions of Global Environmental Change Research Community*, Bonn, Germany. October.
- 2005 Munroe, D.K. "Empirical" Scale Effects, Domains of Scale, and the Analysis of Land Use/Land Cover Change. *Association of American Geographers 101st Annual Meeting*, Denver, CO. April.
- 2004 Munroe, D.K. and H.S. Campbell, Jr. The Variable Value of Open Space: Estimating the Impact of the Catawba Regional Trail in a Metropolitan, Micropolitan, and Rural Area. *Regional Science Association International 51st Annual North American Meeting*, Seattle, WA. November.
- 2004 Munroe, D.K. and D. Müller. Best Practice Suggestions for Econometric Analysis in Land Use/Cover Change: Issues and Examples. Land Use/Cover Change (Program of the International Human Dimensions Program and the International Geosphere/Biosphere Program) *Focus 3 Workshop on Integrated Assessment of the Land System: The Future of Land Use*, Amsterdam, Netherlands. October.
- 2004 Munroe, D.K., and D. Müller. Tradeoffs between rural development policies and forest protection: Spatially-explicit modeling in the Central Highlands of Vietnam. Selected Paper (Paper selected by jury process). *American Agricultural Economics Association (AAEA) Annual Meeting*, Denver, CO. August.
- 2004 Munroe, D.K., H.S. Campbell and D.C. Parker. The Varied Impact of Greenways on Property Values in a Metropolitan, Micropolitan and Rural Area: The Case of the Catawba Regional Trail. Selected Paper (Paper selected by jury process). *American Agricultural Economics Association (AAEA) Annual Meeting*, Denver, CO. August.
- 2004 Munroe, D.K. Protection, Topography and Market Accessibility: Examining Forest Fragmentation in Celaque National Park, Western Honduras. *Association of American Geographers 100th Annual Meeting*, Philadelphia, PA. March.
- 2003 Munroe, D.K. Coffee in Space: The Spatial Distribution of Coffee Farms in La Campa, Western Honduras. *Southeastern Division of the Association of American Geographers Annual Meeting*, Charlotte, NC. November.
- 2003 Southworth, J., D.K. Munroe and H. Nagendra. Investigating Alternatives to Classification Analyses: From Models to Landscapes. 2003 *Open Meeting of the Human Dimensions of Global Environmental Change Research Community*, Montreal, Canada. October. Presented by D. K. Munroe.

- 2003 Munroe, D.K. and D. Müller. Linking the Household to the Landscape: Application of High-resolution GIS Data with a Household Survey. Computer session: GIS and Spatial Analytical Techniques for Agricultural Economists. *25th International Conference of Agricultural Economists*, Durban, South Africa. August.
- 2003 Munroe, D.K. Integrated Econometric Approaches to Studying Forest Cover Change. *Association of American Geographers 99th Annual Meeting*, New Orleans, LA. February.
- 2002 Munroe, D.K. and E.G. Irwin. A Case of Mistaken Identity: Identifying Spatial Lags in the Presence of Spatial Error Autocorrelation. *Regional Science Association International 49th Annual North American Meeting*, San Juan, Puerto Rico. November.
- 2002 Munroe, D.K., J. Southworth and C.M. Tucker. Modeling Spatially and Temporally Complex Land Cover Change in Western Honduras. *Camp Resources X*, North Carolina State University and US Environmental Protection Agency, Wilmington, NC. August.
- 2002 Munroe, D.K., C. Croissant and A.M. York. An Assessment of Zoning as a Factor in Landscape Fragmentation. *Association of American Geographers 98th Annual Meeting*, Los Angeles, CA. March.
- 2001 Munroe, D.K. and A.M. York. Jobs, Houses, and Trees: Changing Regional Structure, Local Land Use-Patterns, and Forest Cover in Southern Indiana. *Regional Science Association International 48th Annual North American Meeting*, Charleston, SC. November.
- 2001 Munroe, D.K., J. Southworth and C.M. Tucker. The Dynamics of Land-Cover Change in Western Honduras: Spatial Autocorrelation and Temporal Variation. Selected paper (Paper selected by jury process). *American Agricultural Economics Association (AAEA) Annual Meeting*, Chicago, IL. August.
- 2001 Munroe, D.K. Scale Dependence and Land Use Patterns in Poland: A Multi-scale Spatial Econometric Analysis. *Association of American Geographers 97th Annual Meeting*, New York, NY. March.
- 2000 Munroe, D.K. Technical Efficiency in Polish Peasant Farming: A Composed Error Approach. *Regional Science Association International 47th Annual Meeting*, Chicago, IL. November.
- 1999 Munroe, D.K. and G.J.D. Hewings. The Role of Intraindustry Trade in Interregional Trade in the Midwest of the US. *Regional Science Association International 46th Annual North American Meeting*. Montreal, Canada. November.
- 1999 Munroe, D.K. Peasant Farm Efficiency in Poland: A Spatial Econometric Analysis. *Western Regional Science Association Annual Meeting*. Ojai, CA. February.

Service Associated with Professional Meetings

- 2019 Science Committee Co-Chair, 4th Open Science Meeting of the *Global Land Programme*, Bern, Switzerland, April.
- 2019 Invited Panelist, Women in Geography, Building Leaders for Tomorrow. *American Association of Geographers Annual Meeting*, Washington, DC, April.
- 2017 Invited Panelist, Theorizing Land Science. *Association of American Geographers Annual Meeting*, Boston, MA, April.
- 2016 Invited Panelist, Critical physical geography in practice 3: Dialogues between CPG and adjacent fields. *Association of American Geographers Annual Meeting*, San Francisco, CA, March.

- 2015 Organizer and Chair, Economic Globalization, Telecoupling and Land Change. *Association of American Geographers*. Chicago, IL. April.
- 2014 Organizer and Chair, Power and politics in coupled natural-human land systems. *Global Land Project Open Science Meeting*. Berlin, Germany, March.
- 2013 Invited Panelist, Biodiversity Conservation and Compatibility with Agricultural Intensification-I: Advances of the Social-Ecological Sciences for Sustainability and Food Security. *Association of American Geographers Annual Meeting*, Los Angeles, CA, April.
- 2012 Invited Panelist, Critical Physical Geography. *Association of American Geographers Annual Meeting*, New York, NY, February.
- 2012 Invited Panelist, Monitoring and Forecasting Urban Growth. *Association of American Geographers Annual Meeting*, New York, NY, February.
- 2010 Invited Panelist, Economic Geography and Climate Change: Crossroads for Theory and Practice, *Association of American Geographers Annual Meeting*, Washington, D.C. April.
- 2009 Invited Panelist, Critical Social Theory, Politics and the Economic Crisis, II, *Association of American Geographers Annual Meeting*, Las Vegas, NV. March.
- 2009 Invited Panelist, Studying Exurbia and Amenity Migration, *Association of American Geographers Annual Meeting*, Las Vegas, NV. March.
- 2009 Co-organizer (with J. Clark), Resource Transitions in Post-Productivist Landscapes, *Association of American Geographers Annual Meeting*, Las Vegas, NV. March.
- 2008 Invited Panelist, Methods, Approaches, and Theory Involved in Studying Exurbia and Amenity Migration. *Association of American Geographers Annual Meeting*, Boston, MA. April.
- 2008 Invited Panelist, Women's Roundtable 1: Bridging the Gap: Women Geographers at the Human/Physical Geography Interface. *Association of American Geographers Annual Meeting*, Boston, MA. April.
- 2007 Co-organizer (with N. Xiao), Modeling Coupled Human-Environment Systems: Regional Approaches. *Association of American Geographers Annual Meeting*, San Francisco, CA. April.
- 2006 Co-organizer (with J.K. Clark*), Regional Perspectives on Exurbia. *Regional Science Association International 52nd Annual North American Meeting*, Toronto, ON. November.
- 2005 Co-organizer (with H. Nagendra and J. Southworth), Contextualizing the Pixel: Comparing Continuous and Discrete Methods for Regional Studies of Human Dimensions on Land-Use/Cover Change Research. *The 2005 Open Meeting of the Human Dimensions of Global Environmental Change Research Community*. Bonn, Germany, October.
- 2004 Co-organizer (with H. Nagendra and J. Southworth) and one of four Chairs for the sessions, People and Parks: Exploring Tradeoffs in Protected Area Conservation, I, II, III, IV *Association of American Geographers Annual Meeting*, Philadelphia. March.

- 2002 Organizer and Co-Chair (with H. Nagendra and J. Southworth) of three sessions, Landscape Fragmentation and the Analysis of Land Use/Land Cover Change: From Pattern to Process, I, II, and III. Special Session, 98th Association of the American Geographers 2002 Annual Meeting. Los Angeles, California. March.
- 2001 Organizer and Co-Chair (with Elena Irwin) of two sessions, “Nature in the Fringe: Urban Sprawl, Agricultural Land and the Environment, I and II.” Special Session, 48th North American Meetings of the Regional Science Association International. Charleston, S.C. November.

Invited Research Presentations

2020Florida

2020

- 2016 Munroe, D.K. An accessible getaway: exurban hot-tub cabins in Ohio’s forested landscapes. Department of Geography. Texas A&M University. College Station, TX. April.
- 2015 Munroe, D.K. The relationship between parcelization and forest fragmentation in an exurban region. Department of Natural Resources and the Environment. University of Connecticut, Storrs, CT. September.
- 2015 Munroe, D.K. All-terrain Vehicles, Abandoned Mines, and Hot-tub Cabins: Patterns of Forest Tourism in Hocking County, Ohio, USA. Department of Geography. Kent State University, Kent, OH. March.
- 2015 Munroe, D.K. An accessible getaway: exurban hot-tub cabins in Ohio’s forested landscapes. Department of Geography. The Pennsylvania State University. State College, PA. March.
- 2015 Munroe, D.K. Advancing Park and Protected Area Science and Management through the Integration of Geospatial Analytics and Human Dimensions Research. Department of Parks, Recreation and Tourism Management. North Carolina State University. Raleigh, NC. February.
- 2014 Munroe, D.K. All-terrain Vehicles, Abandoned Mines, and Hot-tub Cabins: Patterns of Forest Tourism in Hocking County, Ohio, USA. Department of Geography. West Virginia University. Morgantown. October.
- 2014 Munroe, D.K. All-terrain Vehicles, Abandoned Mines, and Hot-tub Cabins: Patterns of Forest Tourism in Hocking County, Ohio, USA. Department of Geography. Seoul National University. Seoul, S. Korea. May.
- 2014 Munroe, D.K. All-terrain Vehicles, Abandoned Mines, and Hot-tub Cabins: Patterns of Forest Tourism in Hocking County, Ohio, USA. Department of Agricultural Economics and Social Sciences. Humboldt University, Berlin, Germany. February.
- 2013 Munroe, D.K. The Socioecology of Forest “Transitions”: Working Forests of the 21st Century. Department of Geography, University of Toledo. February.
- 2012 Munroe, D.K. The Need for Political Ecology in Agent-Based Land-Use Models. Leibniz Institute for Agricultural Development in Central and Eastern Europe (IAMO). Halle, Germany. January 17th.
- 2012 Munroe, D.K. The Socioecology of Forest “Transitions”: Working Forests of the 21st Century. Humboldt University at Berlin, Berlin, Germany. January.
- 2011 Munroe, D.K. The Socioecology of Forest “Transitions”: Working Forests of the 21st Century. Slovakian Academy of Sciences, Bratislava, Slovakia. November.
- 2008 Munroe, D.K. Pattern-based evaluation of exurban land conversion in Delaware, Ohio. Department of Geography, Miami University of Ohio. December.

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- 2008 Munroe, D.K. Pattern-based evaluation of exurban land conversion in Ohio. Department of Geography Coffee Hour. University of Minnesota. March.
- 2007 Munroe, D.K., M. Gentile. A newspaper analysis of urban sprawl in Ohio. Department of City & Regional Planning, OSU, Columbus. March.
- 2006 Munroe, D.K. Pattern and Process? Regional influences on disperse exurban land conversion in Ohio. Urban Landscape Ecology Program Seminar Series. Ohio State University. September.
- 2006 Munroe, D.K. H. Ban*, and J. Biles. Multiscale Models of Exurban Land Conversion in Ohio. Department of Geography Seminar Series. Indiana University. October.
- 2006 Munroe, D.K. and D. Mueller. Changing Rural Landscapes in Albania: Agricultural Abandonment and Forest Degradation in the Transition. Department of Agricultural, Environmental and Development Economics Seminar Series. Ohio State University. October.
- 2006 Munroe, D.K. and H. Ban*. Multiscale Models of Exurban Land Markets. Regional Research Institute Seminar Series. West Virginia University. April.
- 2005 Munroe, D.K. Pattern and Process: Comparative Analyses of Spatial Land Use Determinants. Geography Institute, Humboldt University, Berlin, Germany. October.
- 2005 Munroe, D.K. Jobs, Houses and Trees: Land Use/Cover Change, Land Use Policy, and Landscape Fragmentation in Southern Indiana. Department of City & Regional Planning, OSU, Columbus. January.
- 2004 Munroe, D.K. The Spatial and Social Dimensions of Coffee: Exploring Coffee Farmer's Vulnerability to Market Changes in La Campa, Honduras. Why Space Matters Seminar. Stanford University, May.
- 2004 Munroe, D.K. The Dynamics of Land-Cover Change in Western Honduras: Exploring Spatial and Temporal Complexity. PIK Seminar, Potsdam-Institute for Climate Impact Research (PIK), Potsdam, Germany. January.
- 2003 Munroe, D.K. and E.G. Irwin A Case of Mistaken Identity: Identifying Spatial Lags in the Presence of Spatial Error Autocorrelation. Department of Economics Seminar Series. University of North Carolina at Charlotte. October.
- 2002 Munroe, D. Econometric Approaches to Studying Forest Cover Change. Open Science Forum, Center for the Study of Institutions, Population and Environmental Change. Indiana University. February.
- 2001 Munroe, D.K. Econometric Modeling of Land Use Change in Southern Indiana. Department of Economics Colloquium Series. Indiana University. October.
- 2000 Munroe, D.K. Patterns of Small-Scale Farming Land Use in Poland: A Multi-scale Spatial Econometric Analysis. Department of Geography Friday Colloquium Series. Indiana University, October.
- 2000 Munroe, D.K. Econometric Models of Deforestation. Center for the Study of Institutions, Population and Environmental Change Colloquium Series. Indiana University. September.
- 2000 Munroe, D.K. Integrating GIS into Economic Models: Issues and Examples. Geographic Modeling Systems Laboratory, GIS Colloquium Series. University of Illinois, May.

1999 Munroe, D.K. Toward an International Perspective on Polish Peasant Farming. Russian East European Center Brown Bag Lecture Series. University of Illinois. September.

PROFESSIONAL MEMBERSHIPS

Association of American Geographers

PROFESSIONAL SERVICE

Positions Held

- 2017-2023 Member, Scientific Steering Committee, Global Land Programme
- 2008-2010 Chair, Human Dimensions of Global Change Specialty Group of the Association of American Geographers
- 2006-2009 Board member, Spatial Analysis and Modeling Specialty Group of the Association of American Geographers
- 2006-2008 Secretary/Treasurer, Human Dimensions of Global Change Specialty Group of the Association of American Geographers
- 2006-2007 Census Advisory Committee of the Association of American Geographers

Manuscript Reviewer

Journals (135 reviews for 56 Journals):

Agricultural Economics, Agricultural Systems, Agriculture, Ecosystems & Environment, American Journal of Agricultural Economics, Applied Geography, Annals of the Association of American Geographers, Area, Cambridge Journal of Regions, Economy and Society, Canadian Geographer, Conservation & Society, Current Opinion in Environmental Sustainability, Ecological Economics, Environment, Development and Sustainability, Environment and Planning A, Environment and Planning B, Environmental Management, Environmental Modelling, Forests, Geoforum, Geographical Analysis, Geographical Journal, GeoJournal, Growth and Change, Global Environmental Change, Human Dimensions of Wildlife, Information Society, International Journal of Geographic Information Science, International Regional Science Review, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Geographical Systems, Journal of Land Use Science, Journal of Regional Science, Journal of Rural Studies, Journal of Tropical Forest Science, Journal of Urban Affairs, Land, Land Degradation and Development, Land Use Policy, Landscape and Urban Planning, Landscape Ecology, Landscape Research, Letters in Spatial and Resource Sciences, Local Environment, Papers in Regional Science, Photogrammetric Engineering and Remote Sensing, Plant Ecology, Population and Environment, Population Research and Policy Review, Proceedings of the National Academies of Science, Professional Geographer, Regional Studies, Remote Sensing of Environment, Singapore Journal of Tropical Geography, Spatial Economic Analysis, Transactions of the Institute of British Geographers

Books:

- 2007 Esparza, A.X. and G. McPherson, eds. The Planner's Guide to Natural Resource Conservation: The Science of Land Development Beyond the Metropolitan Fringe. Springer-Verlag.
- 2006 Lambin, E.F. and H. Geist, eds. Land-Use/Cover Change Programme Synthesis: Local Actors, Global Changes (co-sponsored by International Human Dimensions Programme, and International Geosphere-Biosphere Programme). Springer-Verlag.

Textbooks:

- 2008 Advanced Applications for ArcGIS. ESRI Press.
- 2008 Human Geography. McGraw-Hill.
- 2007 Mastering ArcGIS. McGraw Hill.
- 2005 European Geography. Wiley.

Tenure and Promotion Reviews

2014

(1) Michigan State University

2016

(1) University of Texas

2017

(3) Boston University, University of Iowa, University of North Carolina

2018

(3) Oregon State University, University of California Berkeley, University of Toronto

2019

(1) Indiana University

Grant Advisory Panel

2017-18 Fulbright National Screening Committee: Germany, Fulbright U.S. Student Program

2016 National Aeronautics and Space Administration (NASA), Research Opportunities in Space and Earth Sciences, Interdisciplinary Science (Carbon in Managed Landscapes) Program

2014-16 US Scholar Core Fulbright Program, Discipline Peer Reviewer, Geography

2012 National Aeronautics and Space Administration (NASA), Research Opportunities in Space and Earth Sciences, Interdisciplinary Science (Urbanization) Program

2012 National Science Foundation, Long-Term Ecological Research Program

2011 National Science Foundation, Dynamics of Coupled Natural-Human Systems Program

2010 National Aeronautics and Space Administration (NASA), Research Opportunities in Space and Earth Sciences, Interdisciplinary Science (Biomass Burning) Program

2007-2008 National Science Foundation, Geography and Regional Science, Doctoral Dissertation Research Improvement awards

Grant Proposal Reviewer

2017 National Science Foundation, Geography and Spatial Sciences Division (x 2)

2016 National Science Foundation, Geography and Spatial Sciences Division

2015 National Science Foundation, Geography and Spatial Sciences Division

2014 Austrian Science Fund, Wittgenstein Awards.

2014 National Science Foundation, Improving Undergraduate STEM Education

2013 National Science Foundation, Science, Technology, and Society

2012 National Science Foundation, Geography and Spatial Sciences Division (x 3)

2011 National Science Foundation, Geography and Spatial Sciences Division

2010 National Science Foundation, Geography and Spatial Sciences Division, Doctoral Dissertation Research Improvement (DDRI) awards

2010 National Science Foundation, Geography and Spatial Sciences Division

2009 National Science Foundation, International Research Experience for Students

2008 National Science Foundation, Geography and Regional Science Division

2008 Swiss National Science Foundation, Kommission für Interdisziplinarität (KID, Commission for Interdisciplinarity)

2007 National Science Foundation, Geography and Regional Science Program

2005 National Science Foundation, Partnerships for International Research and Education

2005 Inter-American Institute for Global Change Research (IAI)

2003 National Science Foundation, Geography and Regional Science Program

2003 Canon National Parks Science Scholars Program, United States National Parks Service

2002 National Science Foundation, Geography and Regional Science Program, CAREER Proposal

Journal Editor

2014- *Journal of Land Use Science* (Co-Editor in Chief with Daniel Müller, IAMO).

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Journal Associate Editor

2012-14 *Geographical Analysis*

Journal Editorial Advisory Board Member

2014- *Geographical Analysis*

2013 - *Change and Adaptation in Socio-Ecological Systems*

2010 - *Land Use Policy*

2009 - *International Regional Science Review*

Guest Editor

2018 Guest editor, with co-editors Rinku Roy Chowdhury and Ariane de Bremond, of *Current Opinion in Environmental Sustainability*, "Seeking solutions to land challenges of the Anthropocene: A Land Systems Science Perspective."

2015 Guest editor of the v 4 Issue 1 of *Land* of the special issue, "Land Use Change and Economic Globalization."

2006 Guest editor, with co-editors Harini Nagendra and Jane Southworth, of the April v 26 Issue 2 of *Applied Geography* of the special issue, "Are Parks Working?: Exploring Tradeoffs in Protected Area Conservation."

2004 Guest editor, with co-editors Harini Nagendra and Jane Southworth, of the February v 101 Issues 2-3 of *Agriculture, Ecosystems & Environment* of the special issue, "From Pattern to Process: Landscape Fragmentation and the Analysis of Land Use/Cover Change."

Other

2015-20 External Scientific Advisory Board Member, Belmont Land Use and Food Security Project, Food Security and Land Use: the Telecoupling Challenge. PI Luiz Martinelli, University of Sao Paulo, Brazil. Funded by the Belmont Forum.

2003-08 External Scientific Advisory Board Member, Nachwuchsgruppe (Junior Research Group) in Postsocialist Land Relations at Humboldt University, Berlin, Germany. (Funded by the Emmy Noether-Program of Deutsche Forschungsgemeinschaft [German National Science Foundation]).

SERVICE TO THE OHIO STATE UNIVERSITY

Departmental Service

2016- Faculty Advisor, Geography Graduate Student Organization

2014- Member, Undergraduate Studies Committee

2012-14 Chair, Graduate Studies Committee

2012 Faculty Search Committee, Department of Geography. Reusche Chair Position

2011 Faculty Search Committee, Department of Geography. Chair (internal search).

2010 Faculty Search Committee, Department of Geography. Physical Geographer/CWC Position

2009-10 "Contact", Graduate Program Quarter to Semester Curriculum Conversion

2008-11 Chair, Social Planning Committee

2007-09 Member, Undergraduate Studies Committee

2006-07 Chair, Ad hoc Committee to Review Graduate Program Tracks

2005 Faculty Search Committee, Department of Geography. Spatial Analysis and Modeling Position

2005 Faculty Search Committee, Department of Geography. People, Society and Environment Position

2005 Assisted at GTA Workshop, Department of Geography

Division of Social and Behavioral Sciences Service

2016-17 COSSA Science Policy Conference and Social Science Advocacy Day, Washington, D.C.

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University Service

- 2017-18 Search Committee, Vice President for Global Strategies and International Affairs, representing the Division of Social / Behavioral Sciences
- 2017 Faculty Facilitator, University Center for the Advancement of Teaching, GTA Orientation
- 2016- Faculty Advisory Council, College of Arts & Sciences
- 2016-17 University Fellowship Review Committee
- 2016 Faculty Facilitator, University Center for the Advancement of Teaching, GTA Orientation
- 2015-16 Faculty Advisory Council, President and Provost's Teaching and Learning Initiative
- 2015- Oversight Committee for the Undergraduate International Studies Program
- 2015 Faculty Facilitator, University Center for the Advancement of Teaching, GTA Orientation
- 2014 Faculty Facilitator, University Center for the Advancement of Teaching, GTA Orientation
- 2013 Faculty Facilitator, University Center for the Advancement of Teaching, GTA Orientation
- 2010-11 Faculty Search Committee, Landscape Hydrologist/CWC (SENR)
- 2010- Advisory Board, Environmental Policy Institute
- 2010 Judge, Richard J. and Martha D. Denman Undergraduate Research Forum
- 2009 Faculty Facilitator, University Center for the Advancement of Teaching, GTA Orientation
- 2008 Panelist, Globalizing the Curriculum: A Faculty Panel and Discussion, FTAD, Autumn
- 2008 Faculty representative, Happy Hour with Faculty, University Housing, Autumn
- 2008 Judge, Richard J. and Martha D. Denman Undergraduate Research Forum
- 2007 Graduate Faculty Representative, Final Oral Examination, Department of History
- 2007 Judge, Richard J. and Martha D. Denman Undergraduate Research Forum
- 2006 Graduate Faculty Representative, Final Oral Examination, Department of Agricultural, Environmental and Development Economics
- 2006 Faculty Representative (SBS) at University Scholars Luncheon for Prospective Students
- 2006 Judge, Richard J. and Martha D. Denman Undergraduate Research Forum
- 2005 Graduate Faculty Representative, Final Oral Examination, School of Environment and Natural Resources

COURSES TAUGHT

The Ohio State University

- GEOG 2400 Economic and Social Geography (Autumn 12, 14, 15, Spring 17)
- GEOG 3751 Geography of Appalachian Ohio (team taught) (May Term 13, 14)
- GEOG 5401 Economy, Space, Society (Autumn 15, 16, 17, 18)
- GEOG 5402 Land-Use Geography (Autumn 12, Spring 14, 15, 17, 18, 19)

- INTSTDS 3350 Introduction to Western Europe (Spring 13, 14, 15)

- GEOG 8109 Graduate Student Professionalization (Autumn 13, 14, 15, 16, 17)

- GEOG 240 Economic and Social Geography (Autumn 07, 08, 09, 12, Winter 08, 09, 10, 11)
- GEOG 510 Geography of Western Europe (Spring 05)
- GEOG 655 Theory and Methods of Regional Analysis (Spring 05, 06, Autumn 07)
- GEOG 655 (REVISED) Land Use Geography (Autumn 09)
- GEOG 685 Intermediate Geographical Information Systems (Winter 05, 06, 07, 10)
- GEOG 800.1 Fieldwork in Human Geography (Spring 11)
- GEOG 840.03 Seminar in Land-Use Modeling (Spring 07)
- GEOG 840.03 Applying Social Science to Global Environmental Change (Autumn 08)
- GEOG 880 Complexity in Socioecological Systems (Winter 11)
- GEOG 883.01 Quantitative Analysis I (Winter 06, 07, 08, 09)

University of North Carolina at Charlotte

- GEOG 3000 Geographies of Global Change (Spring 03, 04, Fall 03)
- GEOG 3605 Geography of Europe (Fall 02, 03)
- GEOG 6000 Advanced Spatial Analysis (Spring 03, 04)
- PPOL 8840 Microeconomic Analysis I (Fall 03)

Indiana University

- GEOG 428 Geography of Europe (Fall 01)

University of Illinois

- GEOG 205 Business Location Decisions (Fall 99)

STUDENT COMMITTEES

As Principal Advisor

Doctoral Students

- Bonnie Bounds, Geography, current. Title: “Distress and Success in Small Places: Prosperity, Gendered Educational Attainment, and Skilled Occupations in the Nonmetropolitan US.”
- Sohyun Park, Geography, current. Title: “How to achieve ‘Food Security’: Comparing Japan and Korea in Vietnam Vegetable Sector.”
- Yuxi Zhao, Geography, completed 2016. Title: “Entrepreneurship and Commodified Nature: Amenity-led Transitions in Forested Communities.”
 - Postdoctoral Researcher, Department of Geography, Ohio State University.
- Hyeseon Jeong, Geography, completed 2014. Title: “A Nation with a Place in the World: A Postcolonial Critique of the Imagined Geography of South Korea.” (co-advised with Dan Sui).
 - Conjoint Lecturer, University of Newcastle, Newcastle, Australia.
- Caleb Gallemore, completed 2013. Title: “Glocalizing Forests: Transnational Networks and the Geography of Global Climate Policy.”
 - Assistant Professor, International Affairs, Lafayette College.
- Jeff Olson, Geography, completed 2013. Title: “The Evolution of Urban-Rural Space.”
 - Assistant Professor, Department of Geography and Geology, University of Wisconsin-Whitewater.
- Jill Clark, Geography, completed 2009. Title: “The Repositioning of Farming in Newly Restructured, Consumptive Spaces: The Relational Geography of U.S. Peri-Urban Agriculture.”
 - Assistant Professor, John Glenn School of Public Affairs. Ohio State University.

Master’s Students

- Rebecca Chapman, Geography, current.
- Grey Evenson, Geography, completed 2009. Title: “Empirical Investigations of Coupled System Relationships: A Demonstration and Discussion of Associated Difficulties.”
- Rickie Yeager, Geography, completed 2009. Title: “Privileging Populations in the New Urban Economy and the Future of the Post-industrial City.”
- Jessica Menza, Geography completed, 2009. (Plan B, Examination only).
- Annie McCabe, Geography, completed 2008. Title: “Obesity Rankings: Do They Add Up?”
- Todd Mechling, Geography, completed 2008. Title: “Retail Restructuring in Rural America: Commonalities and Differences in the Retail Sector in a Changing Rural Economy.”
- Mark Sundermeier, Geography, completed 2008. Title: “Tourism in Exurban Postindustrial Forests in Appalachia.”
- Dudley Bonsal, Geography, completed 2007. Title: “Examining the Socioeconomic Factors Linked to the Density of Land-Cover Interface: A Methodological Exploration Focusing on Northeast Ohio.”

- Paul Hoeffler, Geography, completed 2007. Title: “Representing Dynamic Spatial Behavior in Protected Areas: Tree Harvesting in the Tawahka Asangni Biosphere Reserve in Eastern Honduras.”

Undergraduate Student Research Projects

- Maeve Scully, Geography, current.
- Cannus Thieu, Geography, completed 2013. “Forest Dynamics: The Transition from Private to Public Landownership.”
- Meredith Krueger, Geography, completed 2012. “What’s in a Wage? A Socio-Spatial Analysis of Immigrant Labor in Ohio’s Dairy Farms.”
 - Awarded a \$2,500 Research Scholarship from the Colleges of the Arts and Sciences Honors Committee
 - Awarded a \$500 research scholarship from the College of Social and Behavioral Sciences
- Yong Bin Fu, Economics, completed 2012. “Deforestation in Developing Countries: An Environmental Kuznets Analysis.”
- Michaela Gentile, School of Environment and Natural Resources, completed 2007. Co-advised with Virginie Bouchard. Honors thesis: “A Newspaper Analysis of Exurban Areas in Ohio.”
- Grey Evenson, Geography, completed 2006. Co-advised with K. McSweeney. Senior thesis: "Surrogate Wetlands: an Analysis of Compensatory Mitigation Wetlands and Influencing Political and Economic Factors within the Upper Scioto Watershed, Ohio.”
 - Awarded a \$2,500 Research Scholarship from the Colleges of the Arts and Sciences Honors Committee
 - Awarded a \$500 research scholarship from the College of Social and Behavioral Sciences

As Committee Member

Doctoral Students

- Ning Zhang (current)
- Oliver Wigmore, Geography, 2016
- Molly McDermott, Environment and Natural Resources, 2014
- Christine Biermann, Geography, 2014
- Xiaolin Zhu, Geography, 2014
- Shanshan Cai, Geography 2013
- Shiguo Jiang, Geography 2012
- Tim Hawthorne, Geography 2010
- Sarah Corey, School of Biological Sciences 2009
- Ron McChesney, Geography, 2009
- Bin Zhou, Civil Engineering, University of Texas 2009
- Delphine Ancien, Geography 2008
- Hyejin Yoon, Geography, 2008

Masters Students

- Craig Lewis, Geography 2010
- Bobby Klein, Geography 2009
- Barbara Cote, AEDE, 2008
- Jared Duquette, School of Environment and Natural Resources, 2008
- John Gossom, AEDE, 2008
- Cassandra May, School of Biological Sciences, 2008
- Alex Gjerovski, Geography, 2007
- Michael Ewers, Geography, 2005

Undergraduate Students

- Mary McLaughlin, Geography, completed 2006. Senior thesis: “Assessing Accessibility to Franklin County Metro Parks”.