CURRICULUM VITAE

DOUGLAS B. JACKSON-SMITH

I. FORMAL EDUCATION

Ph.D.	Sociology, University of Wisconsin-Madison, 1995
M.A.	Agricultural Economics, University of Wisconsin-Madison, 1991
M.S.	Rural Sociology, University of Wisconsin-Madison, 1990
B.S.	Rural Sociology, Cornell University, with honors and special distinction, 1986

II. TITLE OF THESES

Understanding the Microdynamics of Farm Structural Change: Entry, Exit, and Restructuring among Wisconsin Family Farmers (Ph.D.)

Theories of Social Change in Nepal: Caste, Ethnicity, and Class in Agricultural Development (M.S.)

III. POSITIONS HELD

Professor, School of Environment and Natural Resources, The Ohio State University, August, 2016-present.

Professor, Department of Sociology, Social Work, and Anthropology, Utah State University, July, 2011 to August, 2016.

Associate Professor, Department of Sociology, Social Work, and Anthropology, Utah State University, July, 2005 to June, 2011.

Assistant Professor, Department of Sociology, Social Work, and Anthropology, Utah State University, August, 2001 to June, 2005.

Assistant Professor, Department of Urban and Regional Planning (URPL), with joint faculty appointment in the Department of Rural Sociology, and *Co-Director,* Program on Agricultural Technology Studies (PATS), University of Wisconsin-Madison, January, 1999 to July, 2001.

Associate Scientist and Associate Director, Program on Agricultural Technology Studies, University of Wisconsin-Madison, July, 1996 to December, 1998.

Faculty Associate in the Department of Rural Sociology, University of Wisconsin-Madison, October, 1996 to January 1999.

Assistant Researcher and Graduate Research Assistant, Agricultural Technology and Family Farm Institute, University of Wisconsin-Madison, January, 1992 to June, 1996.

National Science Foundation Graduate Fellow and University Prestige Fellow, Department of Sociology, University of Wisconsin-Madison, September 1988 to August, 1992.

IV. EVIDENCE OF NATIONAL REPUTATION

Appointed to National Academy of Sciences/Institute of Medicine Committee to Create a Framework for Assessing the Health, Environmental, and Social Effects of the Food System, 2013-2015.

Appointed to National Academy of Sciences Committee to Study 21st Century Agricultural Systems, 2007-2010.

- One of four social scientists on 15 person committee
- One of 2 committee members (aside from committee chairs) to participate in public release of report, June 2010; Invited to represent committee at USDA/NAS/Farm Foundation Workshop to implement recommendations of report, September 2010

Appointed to Research Advisory Committee, AGree Project, Meridian Foundation, 2011-present.

Elected President (2016-2018); Vice President (2011-2012) and Elected Governing Council Member (2007-2009) of Rural Sociological Society.

Received Excellence in Research Award from the Rural Sociological Society (2015).

Received Award of Merit from the RSS Natural Resources Research Interest Group (2013).

Major Invited Speaking Invitations

- Keynote Speaker, Montana Chapter AWRA meetings (October 2015).
- Keynote Speaker, Managing Agricultural Lands II Conference, Soil and Water Conservation Society, Denver, CO, April 2010.
- Invited speaker at 3rd National Forum and 2nd International Dialogue on Urbanism". Universidad Nacional Autónoma de México (UNAM). Mexico City, Mexico (April 2015).
- Invited speaker at 17th annual Private and Public, Scientific, Academic and Consumer (PAPSAC) Food Policy Group, John F. Kennedy School of Government, Harvard University (November 2010).

Invited Seminar Presentations

- Michigan State University Departments of Agricultural Economic, Sociology, and the Kellogg Biological Station (November 2010).
- Montana State University Department of Land Resources and Environmental Sciences (October 2015).

Organizer and Program Chair, 2007 International Symposium on Society and Resource Management.

Service on Editorial Boards

- Associate Editor, *Society and Natural Resources* (2013-2015)
- Rural Studies Series, Pennsylvania State University Press (2006-2009)
- Journal of Rural Social Sciences (2009-2016)

Service on National Grant Review Panels, USDA

- Panelist for NIFA/IBCE program on "Water for Agriculture" 2015
- Panelist for National Research Initiative program on "Improving the Competitiveness of Small and Medium-Sized Farms" 2008
- Invited to be panel chair for same program 2009-2012, but declined because I was submitting a grant to that program summer 2009

Invited reviewer for two book manuscripts, 3 textbook proposals, and over 50 journal manuscripts (1999-2015).

V. SPECIAL HONORS AND AWARDS

Excellence in Research Award, Rural Sociological Society, 2015.

Natural Resources Research Interest Group Award of Merit, Rural Sociological Society, 2013.

Researcher of the Year, College of Humanities, Arts, and Social Sciences, Utah State University, 2004 and 2011

Finalist for Utah State University Robins Award for Faculty Researcher of the Year, 2011.

Finalist for Utah State University Robins Award for Faculty Governance, 2013.

Named one of the *Fifty Most Influential People at USU, 2015.*

John H. Kolb Award for Outstanding Graduate Student in Rural Sociology, University of Wisconsin-Madison, 1995

Member, Student Board of Interns, *American Sociological Review*, 1992-1993.

University of Wisconsin Prestige Fellowship, 1992-1993.

National Science Foundation Graduate Studies Fellowship, 1988-1991.

Graduated with honors and special distinction, Cornell University, 1986.

VI. RESEARCH GRANT FUNDING

A. Awarded Research Grants from External Funding Sources

(1997-2016: ~$25,000,000 Total; $16,000,000 USU; $2,750,000 grant funds managed directly)

F1. "Lets Talk About Water" CUAHSI Challenge Grant for Film Screening and Community Engagement. **Sole PI**. Consortium of Universities for the Advancement of Hydrologic Sciences, Inc. ($2,400; 1/1/16- 12/31/16).

F2. "Assessment of Stormwater Harvesting via Managed Aquifer Recharge to Develop New Water Supplies in the Arid West: the Salt Lake Valley Example." **Co-PI** with R. Dupont, J. McLean, R. Peralta, and S. Null. US Environmental Protection Agency STAR Program. ($750,000; 9/1/15-8/31/18).

F3. "Managing Western Irrigation Systems in the Face of Urbanization." Principal Investigator. **Sole PI.** US Geological Survey 104b State Water Research Institute Program grant. ($27,674; 03/01/14-02/28/15).

F4. "iUTAH – innovative Urban Transitions and Aridregion Hydrosustainability." NSF EPSCoR Track 1. OIA-1208732. **Co-PI** with T. Crowl, M. Baker, D. Pataki, J. Ehleringer ($20,000,000; 07/01/12-06/30/17)

F5. "Modified Social Impact Assessment for Environmentally Friendly Drilling Program." US Department of Energy Grant for "Technology Improvement Program"; subaward through Houston Advanced Research Center (primary). **Co-PI** with P. Petrzelka. ($120,000; 1/1/13-12/31/14).

F6. "Water quality best management practices in the Judith River watershed: use of adaptive research and outreach to improve adoption." USDA Water Quality Program Watershed Research Grant. **Co-PI** with S. Ewing, C. Jones, A. Sigler. ($600,000; 12/1/11-12/31/14).

F7. "Hydrologic and Ecological Impacts of Changes in Human Water Resource Management in Response to Climate Change and Urbanization." National Science Foundation Water Sustainability and Climate Program. EAR-1038973. **Lead-PI** with Co-PIs: J. Horsburgh, B. Neilson, D. Rosenberg, and C. Sims, and Co-investigators: C. Neale, D. Stevens, D. Tarboton, J. Schmidt, J. Jin, J. Endter-Wada, M. Baker, P. Budy, and R. Van Kirk. ($150,000 over 1 year; 9/1/10-8/31/11).

F8. "Evaluation of Utah Nonpoint Source Pollution Program." Utah State Solicitation No. AR10167: NonPoint Source Program Evaluation. State contract awarded in competitive process. **Co-PI** with N. Mesner, D. Stevens and P. Budy. ($150,000 over 1 year; 09/01/10-09/30/12).

F9. "Environmentally Friendly Drilling Technologies," US Department of Energy Grant; subcontracted with Houston Advanced Research Center. **Co-PI** with J. Allen and G. Theodori. ($75,000; 07/1/09-06/30/12).

F10. "Phase IV of Logan Recycling Study," Funded by Logan City Environmental Department. **Lead-PI** with S. Marquart-Pyatt. ($9,950; 05/01/05-06/30/06).

F11. "Local Sage-Grouse Working Groups: Assessing Organizational Capacity Needs and Providing Tools for Continued Success," Funded by the USDA-NRCS Fish and Wildlife Conservation Grant (FWCG) Program. **Lead-PI** with T. Messmer. ($49,000; 08/01/06-10/31/08).

F12. "INRA Water Resources Research Needs Assessment Study," Funded by the Inland Northwest Research Alliance. **Lead-PI** with C. Harris. ($120,000; 07/01/06-06/30/07).

F13. "Phase III of Logan Recycling Study," Funded by Logan City Environmental Department. **Lead-PI** with A. Caplan and S. Marquart-Pyatt. ($19,000; 05/01/05-06/30/06).

F14. "Investigation of the changes in the water quality in the Little Bear River Watershed in response to the implementation of best management practices." Funded by the USDA Conservation Effectiveness Assessment Program (CEAP). **Co-PI** with D. Stevens, D. Sorenson, and N. Mesner. ($650,000 over 4.5 years; 01/01/05-9/31/09).

F15. "Agricultural Adaptation at the Rural-Urban Interface: Can Communities Make a Difference?" Funded by USDA/NRICGP (Rural Development), **Co-PI** with J. Sharp, E. Irwin, and L. Libby ($400,000 over 4.5 years; 10/1/04-3/30/09).

F16. "An analysis of Cache County Resident Views toward Recycling Programs." **Sole PI**. Funded by Logan City and Cache Countywide Service District ($8,000; 05/01/04-12/31/05).

F17. "A socioeconomic study of landfill siting options for Cache County," **Lead-PI** with A. Caplan and T. Grijalva. Funded by Logan City and Cache Countywide Service District. ($34,000; 10/1/02-5/15/03).

F18. "A Systems Approach to Improving Phosphorus Diets on Dairy Farms," **Co-PI** with M. Powell, L. Bundy, and L. D. Satter. USDA/NRICGP (Ag Systems) ($260,000; 9/1/01-8/31/04).

F19. "Enhanced Integrated Nutrient Management on Dairy Farms," USDA Initiative for Future Agricultural and Food Systems (IFAFS), **Co-PI** with J.M. Powell, L. Bundy, G. Broderick, J. Grabber, R. Muck, L. Satter, Z. Wu. ($720,000 direct costs over 4 years; 10/1/00-9/30/04).

F20. "A systems approach to improving phosphorus cycling on dairy farms," USDA/NRICGP (Ag Systems) Grant, **Co-PI** with M. Powell, L. Bundy, J. Converse, V.R. Kanneganti, R. Koegel, and L. D. Satter ($210,000; 9/1/97-8/31/00).

B. Major External Research Grant Applications– Submitted and under review

F21. "Limiting N Loss to Shallow Groundwater in Dryland Wheat: quantifying internal soil N dynamics to resolve effects of cropping system strategies." Co-PI with S. Ewing, J. Sanderman, and T. Seipel. USDA AFRI Agroecosystem Competitive grants program. ($493,000; 3/1/17-2/28/20). Submitted July 2016.

C. Other Research Funding (Internal University Sources)

F22. "Shifting Water Use and Management in Response to Land Use and Climate Change in the Intermountain West." Principal Investigator. Sole PI. Utah Agricultural Experiment Station Project (UTA01139) ($40,000 annually; 7/1/13-6/30/16).

F23. "Impacts of Population Growth and Rural Residential Development on Agriculture in the Intermountain West," Principal Investigator. **Sole PI**. Utah Agricultural Experiment Station Project (UTA00865) January 2008. ($40,000 annually; 7/1/08-6/30/13).

F24. **"**Collection and Analysis of Socioeconomic Data in the Bear River Watershed," Principal Investigator. **Sole PI**. Funded by USU Water Research Initiative ($13,500; 5/1/04-12/31/04).

F25. "Structural Changes in Livestock-Based Agricultural in the West: Implications for Rural Well-Being," **Lead PI** with R. Krannich. Utah Agricultural Experiment Station Project Proposal (UTA00844) January 2002. ($56,000 annually; 7/1/02-6/30/07).

F26. "Tracking Rural Land Use Changes in Northern Utah," **Sole PI**. Utah State University New Faculty Grant. ($15,000 for 1 year; 7/1/02-6/30/03).

F27. "Measuring the Returns from Management Training," University of Wisconsin Agriculture and Natural Resources Consortium Grant, **Co-PI** with N. Splett and D. Trechter ($21,700; 7/1/00-6/30/01).

F28. "Impacts of Structural Change in the Dairy Industry," USDA Northeast Regional Hatch Project 177, **Lead PI** with B. Barham, ($22,000 annually; 1/1/97-9/30/00).

F29. "Structural adjustment in the Wisconsin dairy industry: firm and community level implications of three dairy farming systems," University of Wisconsin Agriculture and Natural Resources Consortium Grant, **Lead PI** with B. Barham, R. Klemme, N. Splett, and L. Swain. ($50,000; 9/1/97-8/31/99).

F30. "Saving Farms on the Urban Fringe? An evaluation of the impacts of development pressure and local land use policy on the viability of commercial agriculture," Research Grant from Wisconsin Land Use Research Project (WLURP), University of Wisconsin-Madison. **Sole PI**. ($22,000; 6/1/98 – 6/30/99).

F31. "Agriculture and Land Use Self Directed Team Activities," Grant from UW Cooperative Extension Service to implement extension program in Rural and Agricultural Land Use Planning. **Co-PI** with T. Cadwallader ($10,000; 1/1/99-6/30/00).

F32. "Analysis of Spatial Patterns of Farmland Conversion in Wisconsin," USDA Hatch Research Grant. **Sole PI** ($22,000; 10/1/99-9/30/00).

F33. "Promoting Sustainable Land Use in Wisconsin: A Research and Development Program," funding for phase II of Wisconsin Land Use Research Program (WLURP). Grant from University of Wisconsin Agriculture and Natural Resources Consortium, University of Wisconsin System. **Co-PI** with M. Edwards, S. Ventura, D. Last, and E. Sanden ($160,000; 7/1/99 – 6/30/00).

D. Major External Research Grant Applications– Submitted but not funded

NF1. "INFEWS/T1: An Integrated Behavioral, Economic and Agroecoystems Model (IBEAM) to Assess the Sustainability and Resilience of Agricultural Food, Energy and Water Systems." Co-PI with E. Irwin, J. Fiksel, J. Martin, R. Wilson, C. Hoy, B. Roe, B. Bakshi, and others. NSF INFEWS Program. ($1,000,000; 9/30/16-8/30/19). Submitted March 2016.

NF2. "Limiting N Loss to Shallow Groundwater in Dryland Wheat: quantifying internal soil N dynamics to resolve effects of cropping system strategies." Co-PI with S. Ewing, C. Jones, P. Miller, C. Zabinski, A. Bekkerman, and E.N.J. Brookshire. USDA NIFA competitive grants program. ($499,813; 10/1/14-9/30/17). Submitted June 2014.

NF3. "A Comparative Study on Participatory Design of Complex Systems Models and Science Communication for Adaptive Water Resource Management." Principal Investigator." **Sole PI (USU); Co-PI (with Earth Systems Institute in Seattle)**. National Science Foundation Water Sustainability and Climate Program ($600,000 total; $73,000 USU; 5/1/14-4/30/16). Ranked high priority, but did not make funding cut.

NF4. "Development of a Green Infrastructure and Simulation Framework" US EPA (Star G1) Grant, **Co-PI** with C. Pomeroy. Burian, S., Yang, B, and Apul, D. ($700,000; 7/1/13-6/30/17).

NF5. "IGERT: Boundary Spanning Transformations for Sustainability" National Science Foundation Integrated Graduate Education, Research, and Training program . Co-PI with M. Baker, J. Endter-Wada, E. Schupp, and K. Gibson. Submitted July 2012 ($3,476,968; 07/01/13-06/30/18).

NF6. "WSC Category 2: Understanding Linkages among Social, Hydroclimate, and Ecosystem Components of Western Water Systems to Inform Sustainable Management" National Science Foundation Water, Sustainability, and Climate program. Lead PI with B. Nielson, S. Null, D. Rosenberg, and C. Sims. Submitted October 2011 ($4,999,801; proposed 07/01/12-06/30/17).

NF7. "IGERT: Translational Research and Education for Environmental Sustainability (TREES) in the Great Basin." National Science Foundation Integrated Graduate Education, Research, and Training program. Co-PI with M. Baker, M. Brunson, E. Schupp, and K. Gibson. Submitted July 2011 ($3,348,810; proposed 07/01/12-06/30/17).

NF8. "CHN: Human-Amplified Natural Change: A Coupled Systems Model for Vulnerability Assessment and Mitigation Planning." National Science Foundation Coupled Natural-Human Systems program. Co-PI with P. Belmont,. Submitted December 2010 ($1,499,612; proposed 07/01/11-06/30/14).

VII. RESEARCH PUBLICATIONS

Indicators of Citation/Impact: November 2016

- Thomson Reuters Web of Science Citation Report Statistics: 32 articles indexed; 440 citations; ICI H-Index: 14
- Google Scholar: 60+ articles and technical reports indexed, 1447 citations; Google H-Index: 21; i10-index 38.
- Research Gate: 2,380 Reads; 893 Citations; H-index of 18.
- Utah State University Digital Commons: 3,441 downloaded articles and reports from 252 institutions and 78 countries.

A. Books

B1. National Research Council. 2010. Authors: Kornegay, J.L., R.R. Harwood, S.S. Batie, D. Bucks, C.B. Flora, J. Hanson, D. **Jackson-Smith**, W. Jury, D. Meyer, J.P. Reganold, A. Schumacher, Jr. H. Sehmsdorf, C. Shennan, L.A. Thrupp, and P. Willis. *Toward Sustainable Agricultural Systems in the 21st Century.* Washington, DC: The National Academies Press.[1]

B2. Institute of Medicine and National Research Council. 2015. Authors: Nesheim, M.C., K. Clancy, J.K. Hammitt, R.A. Hammond, D.L. Haver, D. **Jackson-Smith**, R.S. Johnson, J.D. Kinsey, S.M. Krebs-Smith, M. Liebman, F. Mitloehner, K.M. Pollack, P.J. Stover, K.M.J. Swanson, and S.M. Swinton. *A Framework for Assessing Effects of the Food System*. Washington, DC: The National Academies Press.[2]

B. Refereed Journal Articles

PR1. **Jackson-Smith**, D., C. Flint, M. Dolan, C. Trentelman, G. Holyoak, and B. Thomas. "Effectiveness of the Drop-Off/Pick-Up Method in Different Neighborhood Types." (Forthcoming) *Journal of Rural Social Sciences*.

PR2. Flint CG, X Dai, D **Jackson-Smith**, J Endter-Wada, SK Yeo, R Hale, MK Dolan. (forthcoming) "Social and geographic contexts of water concerns in Utah." *Society & Natural Resources*.

PR3. **Jackson-Smith**, D., P.A. Stoker, M. Buchert, J. Endter-Wada, C. Licon, M. Cannon, S. Li, Z. Bjerregaard, and L. Bell. 2016 "Differentiating Urban Forms: A Neighborhood Typology for Understanding Urban Water Systems," *Cities and the Environment* (CATE): Vol. 9: Iss. 1, Article 5. Http://digitalcommons.lmu.edu/cate/vol9/iss1/5

PR4. Ellis, C., G. Theodori, P. Petrzelka, D. **Jackson-Smith**, and A. Luloff. 2016. "Unconventional Risks: The Experience of Acute Energy Development in the Eagle Ford Shale." *Energy Research & Social Science 20: 91-98*. http://dx.doi.org/10.1016/j.erss.2016.05.006

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[1] Authors listed alphabetical after NRC Committee Co-Chairs (Kornegay and Harwood). Available at: http://www.nap.edu/catalog/12832/toward-sustainable-agricultural-systems-in-the-21st-century

[2] Authors listed alphabetical after NRC Committee Chair (Nesheim). Available at: http://www.nap.edu/catalog/18846/a-framework-for-assessing-effects-of-the-food-system

PR5. Jones, A.S., J. Horsburgh, D. **Jackson-Smith**, M. Ramirez, and C.G. Flint. 2016. "A web-based, interactive visualization tool for social environmental survey data." *Environmental Modeling and Software 84:412-426.* https://.doi.org/10.1016/j.envsoft.2016.07.013

PR6. Hale, R.L., A. Armstrong, M.A. Baker, S. Bedingfield, D. Betts, C. Buahin, M. Buchert, T. Crowl, R.R. Dupont, J.R. Ehleringer, J. Endter-Wada, C. Flint, J. Grant, S. Hinners, J.S. Horsburgh, D. **Jackson-Smith**, A.S. Jones, C. Licon, S.E. Null, A. Odame, D.E. Pataki, D. Rosenberg, M. Runburg, P. Stoker, C. Strong. 2015. "iSAW: Integrating Structure, Actors, and Water to Study Socio-Hydro-Ecological Systems." Earth's Future Vol 3. Published online March 9. Doi: 10.1002/2014EF000295.

PR7. Clark, J., S. Inwood, and D. **Jackson-Smith**. 2014. "Exurban Farmers' Perceptions of Land Use Policy Effectiveness: Implications for the Next Generation of Policy Development." *Journal of Agriculture, Food Systems and Community Development*. 5(1): 39-55. Doi: 10.5304/jafscd.2014.051.001.

PR8. Mumah, J.N. and D. **Jackson-Smith**. 2014. "Why are the benefits of increased resources not impacting the risk of HIV infection for high SES women in Cameroon?" *PLOS-ONE*. DOI: 10.1371/journal.pone.0100507

PR9. Reimer, A., A. Thompson, L.S. Prokopy, J.G. Arbuckle, K. Genskow, D. **Jackson-Smith**, G. Lynne, L. McCann, L. Wright Morton, and P. Nowak. 2014. "People, place, behavior and context: A research agenda for expanding our understanding of what motivates farmers' conservation behaviors." *Journal of Soil and Water Conservation* 69(2): 57A-61A. doi:10.2489/jswc.69.2.57A

PR10. Mumah, J. N. and D. **Jackson-Smith**. 2014. "Do the factors associated with female HIV infection vary by socioeconomic status in Cameroon?" *Journal of Biosocial Science* 46(4): 431-448. Available on CJO 2013 doi:10.1017/S0021932013000631

PR11. Armstrong, A. and D. **Jackson-Smith**. 2013. "Forms and levels of integration: An evaluation of an interdisciplinary team building project." *Journal of Research Practice 9(1),* Article M1. Retrieved from http://www.jrp.icaap.org/index.php/jrp/article/view/335/297

PR12. Sharp, Jeff., **D. Jackson-Smith**, and Leah Smith. 2011. "Agricultural economic development at the rural-urban interface: Community organization, policy and agricultural change," *The Journal of Agriculture, Food Systems and Community Development 1(4): 189-204.* doi:10.5304/jafscd.2011.014.002

PR13. Reganold, J.P., D. **Jackson-Smith**, S.S. Batie, R.R. Harwood, J.L. Kornegay, D. Bucks, C.B. Flora, J.C. Hanson, W.A. Jury, D. Meyer, A. Schumacher, Jr., H. Sehmsdorf, C. Shennan, L.A. Thrupp, and P. Willis. 2011. "Transforming U.S. Agriculture." *Science* 332: 670-671.

PR14. **Jackson-Smith**, D. and J. McEvoy. 2011. "Assessing the long-term impacts of water quality outreach and education efforts on landowners in the Little Bear River watershed in northern Utah," *Journal of Agricultural Education and Extension* 17(4): 341-354.

PR15. **Jackson-Smith**, D., E. de la Hoz, M. Halling, J. McEvoy and J. Horsburgh. 2010. "Measuring conservation program BMP implementation and maintenance at the watershed scale," *The Journal of Soil and Water Conservation 65(6):363-373*.

PR16. Belton, L. and **Jackson-Smith**, D. 2010. “Factors influencing success among collaborative wildlife management groups in the Western United States,” *Environmental Conservation 37(3): 1-11*.

PR17. Caplan, A.J., D. **Jackson-Smith**, and S. Marquart-Pyatt (2010) “Does ‘Free Sampling’ Enhance the Value of Public Goods?” *Applied Economics Letters*, 17(4), 335-339.

PR18. **Jackson-Smith**, D. and E. Jensen, E. 2009 “Agricultural Importance versus Farm Dependence: A New Typology,” *Rural Sociology* 74(1): *37-55.*

PR19. **Jackson-Smith**, D. and J. Sharp. 2008. “Farming in the Urban Shadow: Supporting Agriculture at the Rural-Urban Interface.” *Rural Realities* 2(4):1-12.

PR20. Chapman, B., D. **Jackson-Smith**, and P. Petrzelka. 2008. “Comparative Institutions and Management Resiliency in Latin American Small-Scale Fisheries.” *The Social Science Journal* 45:312-329.

PR21. Powell, J. M., D. **Jackson-Smith**, D.F. McCrory, H. Saam, M. Mariola. 2007. “Nutrient Management Behavior on Wisconsin Dairy Farms.” *Agronomy Journal* 99:211-219.

PR22. Kreuter, U.P., M. V. Nair, D. **Jackson-Smith**, J. R. Conner, and J. E. Johnston. 2006. “Property Rights Orientations and Rangeland Management Objectives: Texas, Utah and Colorado" *Rangeland Ecology and Management* 59(6): 632-639.

PR23. Powell, J. M., D**. Jackson-Smith**, H. Saam, D. McCrory, and M. Marriola. 2006. "Validation of feed and manure data collected on Wisconsin dairy farms" *Journal of Dairy Science* 89(6): 2268-2278.

PR24. Caplan, A., T. Grijalva, and D. **Jackson-Smith**. 2006. “Using Choice Question Formats to Determine Compensable values: The Case of a Landfill-Siting Process.” *Ecological Economics* 60 (2007):834-846.

PR25. Powell, J. M., McCrory, D. F., D. **Jackson-Smith**, and H. Saam. 2005. “Apparent Manure Collection and Distribution on Wisconsin Dairy Farms.” J*ournal of Environmental Quality 34(6): 2036-2044*.

PR26. **Jackson-Smith**, D., U. Kreuter, and R. Krannich. 2005. “Understanding the Multidimensionality of Property Rights Orientations: Evidence from Utah and Texas Ranchers.” *Society and Natural Resources* 18(7): 587-610.

PR27. Ostrom, M. and D. **Jackson-Smith**. 2005. “Defining a Purpose: Diverse Farm Constituencies and Publicly Funded Agricultural Research and Extension.” *Journal of Sustainable Agriculture* 27(3):57-76.

PR28. **Jackson-Smith**, D. B. and G. W. Gillespie. 2005. “Impacts of Farm Structural Change on Farmer’s Social Ties.” *Society and Natural Resources* 18(3) 1-26.

PR29. Li, Y., D. F. McCrory, J. M. Powell, H. Saam and D. **Jackson-Smith**. 2005. “A Survey of Selected Heavy Metal Concentrations in Wisconsin Dairy Feeds,” *Journal of Dairy Science* 88:2911-2922.

PR30. Saam, H., J. M. Powell, D. **Jackson-Smith**, W. Bland, and J. Posner. 2004. “Use of Animal Density to Estimate Manure Nutrient Recycling Ability of Wisconsin Dairy Farms.” *Agricultural Systems* 84:343-357.

PR31. **Jackson-Smith**, D. B., D. Trechter, and N. S. Splett. 2004. "The Contribution of Financial Management Training and Knowledge to Dairy Farm Financial Performance." *Review of Agricultural Economics* 26(1): 132-147.

PR32. Barham, B., J. Foltz, D. **Jackson-Smith**, and S. Moon. 2004. "The Dynamics of Agricultural Biotechnology Adoption: Lessons from rBST use in Wisconsin, 1994-2001." *American Journal of Agricultural Economics* 86(1): 61-72.

PR33. Barham, B., J. Foltz, S. Moon, and D. **Jackson-Smith**. 2004. "A Comparative Analysis of rBST Adoption Across Major U.S. Dairy Regions." *Review of Agricultural Economics* 26(1): 32-44.

PR34. **Jackson-Smith**, D.B. and F.H. Buttel. 2003. "The social and ecological dimensions of the alternative-conventional agricultural paradigm scale." *Rural Sociology*, 68(4): 613-634.

PR35. Powell, J.M., D. **Jackson-Smith** and L.D. Satter. 2002. "Phosphorus feeding and manure recycling on Wisconsin dairy farms." *Nutrient Cycling in Agroecosystems.* 62(3): 277-286.

PR36. Foltz, J., D. **Jackson-Smith**, and L. Chen. 2002. "Do Purchasing Patterns Differ Between Large and Small Dairy Farms? Econometric Evidence from Three Wisconsin Communities," *Agricultural Resource Economics Review* Vol. 31(1): 28-38.

PR37. Edwards, M.E. and D. B. **Jackson-Smith**. 2001. "An Innovative Approach to Cost of Community Service Studies in Wisconsin." *Journal of the Community Development Society*, Vol 32(2): 271-289.

PR38. Wagner, A., R. W. Palmer, J. Bewley, and D.B. **Jackson-Smith**. 2001. "Producer Satisfaction, Efficiency and Investment Cost Factors of Different Milking Systems." *Journal of Dairy Science*, 84:1890-1898.

PR39. Bewley, J., R.W. Palmer, and D.B. **Jackson-Smith**. 2001. "An Overview of Wisconsin Dairy Farmers Who Modernized Their Operations." *Journal of Dairy Science*, 84:717-729.

PR40. Bewley, J., R. W. Palmer, and D.B. **Jackson-Smith**. 2001. "Modeling Milk Production and Labor Efficiency in Modernized Wisconsin Dairy Herds." *Journal of Dairy Science*, 84:705-716.

PR41. Bewley, J., R. W. Palmer, and D. B. **Jackson-Smith**, 2001. "Comparison of Freestall Barns Used by Modernized Wisconsin Dairies," *Journal of Dairy Science*, 84:528-541.

PR42. Barham, B., D. **Jackson-Smith**, and S. Moon, 2000. "The Adoption of rBST on Wisconsin Dairy Farms," *AgBioforum*, Volume 3(2&3): 181-187

PR43. Cross, J., D. B. **Jackson-Smith**, and B. Barham. 2000. "Ethnicity and Farm Entry Behavior," *Rural Sociology*, 65(3):461-483.

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C. Book Chapters

BC 1. **Jackson-Smith**, D. and P. Petrzelka. 2014. "Land Ownership in American Agriculture." In C. Bailey, L. Jensen, and E. Ransom (Eds.) *Rural America in a Globalizing World: Problems and Prospects for the 2010s.* Morgantown, WV: West Virginia University Press.

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BC 5. Clark, K., S. Inwood, J.S. Sharp, and D. **Jackson-Smith**. 2010. "Community-level influences on agricultural trajectories: seven cases across exurban US." Pp. 200-219 in *Geographical Perspectives on Sustainable Rural Change.* Eds. Dick G. Winchell, Doug Ramsey, Rhonda Koster, and Guy M. Robinson. Brandon, Manitoba, Canada: Brandon University Press.

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D. Book Reviews

BR 1. **Jackson-Smith**, Douglas B. 2002. Review of *Under the Blade: The Conversion of Agricultural Landscapes*, by Olson and Lyson (eds.), *Rural Sociology*, 66(4):643-646.

BR 2. **Smith**, Douglas B. 1992. Review of *Land and Law in California: Essays on Land Policies*, by Paul W. Gates, *Rural Sociology*, 57(3): 437-438.

E. Refereed Journal Articles and Book Chapters –UNDER REVIEW

UR1. Armstrong, A. and D. **Jackson-Smith**. "Connections and Collaborations of Local Water Management Organizations of Utah". Manuscript revised and resubmitted in August 2016 to *Society and Natural Resources*.

UR2. Hale, R., C. Flint, D. **Jackson-Smith** and J. Endter-Wada. "Flood experiences and concern: Role of sociodemographics, context, and geographic location." Manuscript revised and resubmitted in November 2016 to *Water Resources Research*.

UR3. Haeffner, M., D. Jackson-Smith, M. Buchert, and J. Risley. "'Blue' space accessibility and interactions: socioeconomic status, race, and urban waterways in Northern Utah." Manuscript submitted in November 2016 to *Landscape and Urban Planning*.

F. Peer-Reviewed Journal Articles –IN PROCESS

X1. Stoker, P., R. Ewing, M. Buchert, and D. **Jackson-Smith**. "Neighborhood effects on parcel level water use." Under revision for resubmission to *Landscape and Urban Design*.

X2. Armstrong, A. and D. **Jackson-Smith**. "Connections and collaborations in local water management in Northern Utah." Manuscript under revision for resubmission to Journal of the American Water Resources Association.

X3. **Jackson-Smith**, D., S. Ewing, A. Sigler, C. Jones, and A. Armstrong. "Farmers as Partners in Science: Participatory approaches to solving a groundwater nitrate pollution problem. Manuscript in preparation for submission to the *Journal of the Soil and Water Conservation Society*.

X4. Armstrong, A. and D. **Jackson-Smith**. "Fertilized community: Perceptions of dependence and community connectedness as barriers to water quality conservation." Manuscript in preparation for submission to Rural Sociology.

X5. **Jackson-Smith**, D., C. Flint, J. Endter-Wada, P. Stoker, and S. Hinners. "Changing Places: Implications of New Forms of Housing for Water Management in the Intermountain West." Manuscript in preparation for submission to *Society and Natural Resources.*

X6. **Jackson-Smith**, D., A. Armstrong, S. Marquart-Pyatt, C. Harris, A. Lovecraft, E. Shanahan, and P. Wanschneider. "Perceived research needs of water resource managers and stakeholders in the Western United States." Manuscript in preparation for submission to Water Resources Research (5 yr impact factor 2.8).

X7. Stoker, P., S. Williams, S. Hinners, D. **Jackson-Smith**, M. Buchert, A. Armstrong, J. Endter-Wada, S. Yeo, E. Li and M. Haeffner. "Neighborhood norms and their effects on water use." Manuscript in preparation for submission to *Landscape and Urban Planning*.

X8. De la Hoz, E., D. **Jackson-Smith**, and J. Horsburgh. "Assessment of the spatial distribution of Best Management Practices in relation to critical areas along a northern Utah watershed." Manuscript under revision for submission to new journal based on reviewer feedback.

G. Posters, conference proceedings, and theses

PCP1. Risley, J. and D. Jackson-Smith. “The impact of farm ties on Climate Change Attitudes. Poster presented at 2016 International Symposium on Society and Resource Management (ISSRM), Houghton, MI. June 23, 2016.

PCP2. Haefner, M., M. Buchert, D. **Jackson-Smith**, and J. Risley. “Differential Access to Amenities and Disamenities” Poster presented at the 2016 Association of American Geographers (AAG) meetings, San Francisco, CA. March 29, 2016; also presented at USU Spring Runoff Conference, Logan, UT. April 5, 2016.

PCP3. **Jackson-Smith**, D., P. Stoker; M. Buchert; Z. Bjerregaard; S. Li; C. Licon; M. Cannon; S. Hinners; J. Endter-Wada; and L. Bell. “Neighborhood Socio-Ecohydrology along a Gradient of Urbanization.” Poster presented at 2014 USU Spring Runoff Conference. Logan, UT. April 1, 2014.

PCP4. Sigler, W.A., S.A. Ewing, C.A. Jones, A. John, and D. **Jackson-Smith**. “Engaging farmers in participatory research to understand and address nitrate leaching in the Judith Basin of central Montana.” Poster presented at Nitrate in Montana Hydrologic Systems 2014 Conference. Helena, MT, April 23-24, 2014.

PCP5. Ewing, S.A., C.R. Miller, E.N.J. Brookshire, C.A. Jones, W.A. Sigler, G.S. Weissmann, and D. **Jackson-Smith**. “Effect of historic land management on groundwater nitrate in the Judith River Watershed.” Poster presented at Nitrate in Montana Hydrologic Systems 2014 Conference. Helena, MT, April 23-24, 2014.

PCP6. **Jackson-Smith**, D., P. Stoker; M. Buchert; Z. Bjerregaard; S. Li; C. Licon; M. Cannon; S. Hinners; J. Endter-Wada; and L. Bell. “Neighborhood Socio-Ecohydrology along a Gradient of Urbanization.” Poster presented at 2013 Fall Meeting of the American Geophysical Union. San Francisco, CA, December 9-13, 2013.

PCP7. Mumah, J. and D. **Jackson-Smith**. "Why are the benefits of increased resources not impacting the risk of HIV infection for high SES women in Cameroon?" Poster presented at the XXVII IUSSP International Conference. Busan, Korea, August 25-31, 2013.

PCP8. Ewing, S., A. Sigler, C. Jones, D. **Jackson-Smith**, and G. Weissmann. “Water quality best management practices in the Judith River watershed.” Co-author of poster presented at the 2013 annual meetings of the Soil and Water Conservation Society. Reno, NV, July 22, 2013.

PCP9. Ewing, S., A Sigler, D. **Jackson-Smith**, C. Jones and G. Weissmann. “Reducing Groundwater Nitrate in the Judith River Watershed: A Participatory Approach to Achieve Effective Management for Improved Water Quality.” Co-author of poster presented at 2012 USDA Land and Sea Grant National Water Conference, Portland, OR, May 21-24, 2012.

PCP10. Armstrong, A. and D. **Jackson-Smith**. “You’re the Expert! A participatory approach to nitrate pollution research in Central Montana.” Co-author of poster presented at 2012 Spring Runoff Conference, Utah State University, Logan, UT, April 3, 2012.

PCP11. Theodori, G.L. and D. **Jackson-Smith**. 2010. “Public Perception of the Oil and Gas Industry: The Good, the Bad, and the Ugly.” Paper selected for presentation and included in Proceedings of the Society of Petroleum Engineers Annual Technical Conference and Exhibition, Florence, Italy, September 19-22, 2010.

PCP12. Clark, J., D. **Jackson-Smith**, D. Munroe, J. Sharp, and S. Inwood, 2010. "The Geography of US Peri-Urban Agricultural Adaptation." In *Proceedings of the TransAtlantic Land Use Conference*, Washington, D.C., September 2007.

PCP13. **Jackson-Smith**, D., J. Sharp, S. Inwood, J. Clark, and L. Porreca. 2007. "Understanding the Impacts of Urbanization on Agriculture: A Conceptual Model," (Abstract) Pp. 307 in *Proceedings of the Emerging Issues along Urban/Rural Interfaces 2 Conference*, Atlanta, GA, April 9-12. (Also available on-line at www.sfws.auburn.edu/urbanruralinterfaces/)

PCP14. Inwood, S., J. Sharp, J. Clark, D. **Jackson-Smith** and L. Porreca. 2007. "Community Influence on Farm Adaptation at the Rural-Urban Interface." (Abstract) Pp. 308 in in *Proceedings of the Emerging Issues along Urban/Rural Interfaces 2 Conference*, Atlanta, GA, April 9-12. (Also available on-line at www.sfws.auburn.edu/urbanruralinterfaces/)

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PCP18. MacAdam, J. W., D. **Jackson-Smith**, C. Groseclose, and R. Krannich. 2002. "Characteristics of expansion in the Utah-Idaho dairy industry." Poster presented at annual meetings of the American Dairy Science Association. Abstract published in Journal of Animal Science 80(Supplement 1):309.

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PCP20. Powell, J.M., L.D. Bundy, and D. **Jackson-Smith**. 2000. "Whole-farm phosphorus management on dairy farms." Special Symposium. Phosphorus Management in Dairy Systems. ASA-CSSA-SSSA. Madison, Wisconsin. p. 279.

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PCP22. Nevius, M., and D. B. **Jackson-Smith**. 1998. "Do larger farms pose greater environmental risks? Livestock intensity and manure management on Wisconsin dairy farms," Proceedings of the Animal Production Systems and the Environment Conference, Iowa State University, Volume 1: 383-388.

PCP23. **Jackson-Smith**, Douglas B. 1995. Understanding the Microdynamics of Farm Structural Change: Entry, Exit, and Restructuring Among Wisconsin Family Farmers, unpublished dissertation, University of Wisconsin-Madison.

PCP24. **Smith**, Douglas B. 1990. Theories of Social Change in Nepal: Caste, Ethnicity, and Class in Agricultural Development, unpublished Masters Thesis, University of Wisconsin-Madison, Madison, Wisconsin.

PCP25. **Smith**, Douglas B. 1986. Organic Farmers in New York State, unpublished Senior Honors thesis, Cornell University, Ithaca, New York.

H. Multi-Media Materials

MM 1. **Jackson-Smith**, D. B. 2000. "Wisconsin Town Land Use Databooks," customized for 71 Wisconsin Counties, Agriculture and Land Use Issues Team, Program on Agricultural Studies, University of Wisconsin-Madison.

MM 2. **Jackson-Smith**, D. B. 2000. "Expanded Wisconsin Town Land Use Trend Report," customized for all Wisconsin Counties and Regional Planning Commissions. Includes databooks (see above), regional trends maps, and a CD-ROM of spatial and tabular data files, Agriculture and Land Use Issues Team, Program on Agricultural Studies, University of Wisconsin-Madison.

I. Technical Research Reports and Extension Publications

TR 1. Olson-Hazboun, S. and D. **Jackson-Smith**. "The Energy Boom and Rural Communities: Economic Trends in Nonmetropolitan Counties in Colorado, Utah and Wyoming." 2016. *Rural Connections* (Fall): 25-28. Available at: http://wrdc.usu.edu/files/publications/publication/pub__606284.pdf

TR 2. **Jackson-Smith**, D. and B. Nielsen. 2016. A Profile of Irrigation Company Members in Utah's Urbanizing Landscapes. USGS 104b Grant Summary Report. Available at:

TR 3. **Jackson-Smith**, D., C. Flint, A. Armstrong, and T. Carothers. 2015. Utah's Water Future Summary Reports (5 separate full reports for Logan City, Cache Valley, Salt Lake City, Salt Lake Valley, and Heber Valley; Highlights reports for 10 cities and neighborhoods). Published as iUTAH Technical Reports. Available at: http://data.iutahepscor.org/mdf/Data/household_survey/.

TR 4. Endter-Wada, J., A. Hall, D. **Jackson-Smith**, and C. Flint. 2015. Utah's Water Future: Perspectives on Water Issues in Utah's Wasatch Range Metropolitan Area. Summary Report of Overall Findings from the iUTAH 2014 Household Survey. iUTAH Technical Report. Available at: http://data/iutahepscor.org/mdf/reports/SummaryReport-iUTAH2014HouseholdSurvey.pdf.

TR 5. **Jackson-Smith**, D., Buchert, M., Stoker, P. 2014. Development of a 'Water-Relevant Typology' of Urban Neighborhoods, 1.0, iUTAH Modeling & Data Federation, Available online at: http://repository.iutahepscor.org/dataset/development-of-a-water-relevant-typology-of-urban-neighborhoods

TR 6. **Jackson-Smith**, D., Martin, P. and D. Jackson-Smith. 2013. "An overview of farm labor in the United States." *Rural Connections* 8(1): 21-24. Available at http://wrdc.usu.edu/files/publications/publication/pub__2846540.pdf

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TR 9. Gentry, B., D. **Jackson-Smith**, L. Belton, and G. Theodori. 2011. *Assessing Opportunities and Barriers to Reducing the Environmental Footprint of Natural Gas Development in Utah's Uintah Basin.* USU-ISSRNR Research Report. Available at: http://efdsystems.org/pdf/EFD_Uintah_Basin_Tech_Report_Final.pdf

TR 10. Inwood, Shoshanah, Jeff S. Sharp, Douglas **Jackson-Smith** and Jill K. Clark. 2011. "Agricultural Adaptation in the Rural-Urban Fringe: Can Communities Make a Difference? Findings from Land Owner Surveys." OSU Social Responsibility Initiative, School of Natural Resources: Columbus, OH. Available at: http://cffpi.osu.edu/agadapt.htm

TR 11. **Jackson-Smith**, D. 2010. *Status and Prospects for the Wisconsin Dairy Goat Sector*. PATS Research Report # 19. Madison, WI: Program on Agricultural Technology Studies.

TR 12. Inwood, S., J. Sharp, D. **Jackson-Smith,** and J. Clark. 2009. *The Persistence of Agriculture at the Rural-Urban Interface: Does the Cost of Health Insurance Make a Difference?* Research Brief. Social Responsibility Initiative Topical Report 09-05. (Available at: http://sri.osu.edu/sri-topical-report-series).

TR 13. Belton, L.R., D.B. **Jackson-Smith**, and T.A. Messmer. 2009. *Assessing the Needs of Sage-Grouse Local Working Groups: Final Technical Re*port. Unpublished report prepared for the USDA Natural Resources Conservation Service. Institute for Social Science Research on Natural Resources, Utah State University. Logan, Utah. (Available online at http://sswa.usu.edu/REPORTS.html).

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TR 15. **Jackson-Smith**, D.B., S. Marquart-Pyatt, C. Harris, A. Lovecraft, E. Shanahan, and P. Wanschneider. 2007. *INRA Water Resource Management Research and Education Needs Assessment Project, Final Technical Report*. Institute for Social Science Research on Natural Resources. Logan: Utah State University, November, 88 pages. Available online at http://sswa.usu.edu/REPORTS.html

TR 16. **Jackson-Smith**, D.B. and S. Marquart-Pyatt. 2007. *Logan City Curbside Recycling Program Phase IV Report*. Institute for Social Science Research on Natural Resources. Logan: Utah State University, September, 35 pages.

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TR 18. **Jackson-Smith**, D. and J. Ericksen. 2005. *Cache County Recycling and Greenwaste Service Study: Phase I Report.* Institute for Social Science Research on Natural Resources. Logan: Utah State University, September, 23 pages.

TR 19. **Jackson-Smith**, D.B., A. Caplan, T. Jones, and T. Grijalva. 2003. *Cache County Community Survey of Future Landfill Alternatives, Final Report*. Institute for Social Science Research on Natural Resources. Logan: Utah State University, August.

TR 20. **Jackson-Smith**, D.B., and G. Busch. 2003. *Cache County, Utah Agricultural Land Evaluation and Site Assessment Handbook*. Cache County Agricultural Advisory Board, June.

TR 21. **Jackson-Smith**, D.B. 2002. *Planning for Agriculture in Wisconsin: A Guide for Communities*. Joint Publication of UW Cooperative Extension and Wisconsin Department of Agriculture Trade and Consumer Protection. Madison: WI-DATCP.

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TR 27. **Jackson-Smith**, D. B. 2001. "Smart Growth and Wisconsin Agriculture," pp. 44-56 in *Status of Wisconsin Agriculture, 2001*. Madison: Dept. of Agricultural and Applied Economics, University of Wisconsin-Madison.

TR 28. **Jackson-Smith**, D. B. and B. Barham. 2000. *The Changing Face of Wisconsin Dairy Farms: A summary of PATS research on structural change in the 1990s.* PATS Research Report No. 7. Madison: Program on Agricultural Technology Studies, University of Wisconsin-Madison, August.

TR 29. Ostrom, M., and D. B. **Jackson-Smith**. 2000. *The Use and Performance of Intensive Rotational Grazing Among Wisconsin Dairy Farms in the 1990s*. PATS Research Report No. 8. Madison: Program on Agricultural Technology Studies, University of Wisconsin-Madison, August.

TR 30. Ostrom, M. and D. B. **Jackson-Smith**. 2000. *Management Intensive Rotational Grazing in Wisconsin: the 1990s*. PATS factsheet No. 9, Program on Agricultural Technology Studies, University of Wisconsin, Madison, February.

TR 31. **Jackson-Smith**, D. B. and J. M. Powell. 2000. *How Wisconsin Farmers Feed their Cows: Results of the 1999 Wisconsin Dairy Herd Feeding Study*. PATS Research Summary No. 5. Madison: Program on Agricultural Technology Studies, University of Wisconsin-Madison, July.

TR 32. **Jackson-Smith**, Douglas. 2000. "Overview of Emerging Conflicts over Agricultural Land Use," pp. 5-18 in *Strategies for Managing Conflict Over Agricultural Land Use: Proceedings from the 2000 CALS Public Issues Forum*, PATS Special Report No. 1. Madison: Program on Agricultural Technology Studies: University of Wisconsin-Madison, July.

TR 33. **Jackson-Smith**, D. B., and J. Bukovac. 2000. *Limitations of Agricultural Land Use Planning Tools in Rural Wisconsin*, PATS Staff Paper No. 3. Madison: Program on Agricultural Technology Studies, University of Wisconsin, August.

TR 34. Edwards, M., D. B. **Jackson-Smith**, S. Ventura, J. Bukovac, D. Last, E. Sanden. 2000. *Cost of Community Service Studies in Wisconsin*. WLURP Research Report No. 2. Madison: Wisconsin Land Use Research Program, Program on Agricultural Technology Studies, University of Wisconsin-Madison.

TR 35. **Jackson-Smith**, D. B., S. Moon, M. Ostrom, and B. Barham. 2000. *Farming in Wisconsin at the End of the Century: Results of the 1999 Wisconsin Farm Poll.* PATS Research Summary No. 4. Madison: Program on Agricultural Technology Studies, University of Wisconsin, March.

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TR 42. **Jackson-Smith**, D. B., M. Nevius, and B. Barham. 1997. *Manure Management in Wisconsin: Results of the 1995 Wisconsin Farmer Poll*. PATS Research Report No. 1, Program on Agricultural Technology Studies, University of Wisconsin-Madison, July.

TR 43. Buttel, F. H., and D. B. **Jackson-Smith**. 1997. *Livestock Expansion in Wisconsin: Farmers' Views on the Benefits and Costs of Large-Scale Livestock Production.* PATS Research Report No. 2, Madison: Program on Agricultural Technology Studies, University of Wisconsin, September.

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TR 45. **Jackson-Smith**, D. B., B. Barham, M. Nevius, and R. Klemme. 1996. *Grazing in Dairyland: The Use and Performance of Management-Intensive Rotational Grazing Among Wisconsin Dairy Farms.* Technical Report No. 5, Agricultural Technology and Family Farm Institute, University of Wisconsin: Madison, November.

TR 46. Barham, B. and D. B. **Jackson-Smith**. 1995. *Property Taxes and Wisconsin Farmers in an Era of Tax Reform*. ATFFI Research Paper No. 10, University of Wisconsin: Madison, February.

TR 47. Barham, B., F. Buttel, J. McNichol, D. **Jackson-Smith**, and S. Wood. 1995. *Expansion Trends in Wisconsin Dairying: Evidence from the 1994 ATFFI Dairy Farmer Poll.* ATFFI Research Paper No. 12, University of Wisconsin: Madison, May.

TR 48. Buttel, F. H., D. B. **Jackson-Smith**, and S. D. Wood. 1994. *Agricultural Change and Urban Development: The Case of Dane County*. ATFFI Research Paper No. 3, Agricultural Technology and Family Farm Institute, University of Wisconsin-Madison: Madison, June.

TR 49. **Jackson-Smith**, Douglas B. 1994. *Getting in While the Going's Tough: Entry in the Wisconsin Farm Sector*. ATFFI Technical Report No. 1, Agricultural Technology and Family Farm Institute, University of Wisconsin: Madison, October.

TR 50. Barham, B., S. Bentley, F. Buttel, J. Eisenhauer, D. **Jackson-Smith**, and W. Saupe. 1994. *Status of Wisconsin Farming, Special Edition: The 1993 ATFFI Family Farm Survey.* Department of Agricultural Economics and the Agricultural Technology and Family Farm Institute, University of Wisconsin-Madison: Madison, August.

TR 51. **Jackson-Smith**, D. B., B. Barham, F. H. Buttel, J. McNichol, and S. D. Wood. 1994. *Adoption Patterns of rBST in Wisconsin*. As You Sow, No. 35.

VIII. SCHOLARLY PRESENTATIONS

A. Presentations as Lead Author and Presenter

P1. "The Road Less Travelled: Assessing the Impacts of In-depth Farmer Participation in Research on Nitrate Pollution." Presentation at the annual meetings of the Rural Sociological Society, Toronto, Canada, August 7-10, 2016 (Co-authored with S. Ewing, C. Jones, and A. Sigler).

P2. "Effectiveness of the Drop-Off/Pick-Up Survey Methodology in Different Neighborhood Types." Presentation at International Symposium on Society and Resource Management, Houghton, MI, June 2016. (Co-Authored with C. Flint, M. Dolan, C. Trentelman, G. Holyoak, and B. Thomas.)

P3. "Utah's Demographics, Water Use and Future Demand" **Invited Speaker** at 2016 USU Spring Runoff Conference, Logan, UT. April 5, 2016.

P4. "Public Perceptions of Water Use: Lessons for Northern Utah" **Invited Speaker** at 2016 Northern Utah Water Users Association Annual Meeting, Logan, UT. March 29, 2016 (Sole presenter).

P5. "Public Perceptions of Water Use" **Invited Speaker** at 2016 Utah Water Users Association Annual Meeting, St. George, UT. March 16, 2016 (Sole presenter).

P6. "Engaging Farmers and Communities to Address Environmental Problems: Lessons from the Judith River Watershed Nitrogen Project." **Invited Seminar** presented to Department of Land Resources and Environmental Sciences, Montana State University. Bozeman, MT. October 12, 2015. (Sole presenter).

P7. "Water Manager Information Needs – the Disconnect with University Research." **Invited Keynote Address**. Montana Chapter, American Water Resources Association. Missoula, MT. October 7, 2015. (Sole presenter).

P8. "Identifying and Integrating Social Effects into Assessments of Food Systems." Presentation at the 2015 Annual Meetings of the Rural Sociological Society, Madison, WI. August 5-8, 2015. (Sole presenter).

P9. "Effectiveness of the Drop-Off/Pick-Up Method in Different Neighborhood Types." Presentation at the 2015 Annual Meetings of the Rural Sociological Society, Madison, WI. August 5-8, 2015. (Co-authored with C. Flint, M. Dolan, G. Holyoak, and B. Thomas).

P10. "Changing Places: Implications of New Forms of Housing for Water Management in the Intermountain West." Presentation at the 2015 International Symposium on Society and Resource Management. Charleston, SC. June 13-18. (Co-authored with C. Flint, J. Endter-Wada, P. Stoker and S. Hinners).

P11. "Urban Form and Water Sustainability: Science and Data to Guide Water Decisions in the 21st Century." **Invited presentation** to 3rd National Forum and 2nd International Dialogue on Urbanism". Universidad Nacional Autónoma de México (UNAM). Mexico City, Mexico. April 21-23, 2015.

P12. "iUTAH: Enabling Sustainable Water Systems for Utah". Panelist on organized session. Salt Lake County Watershed Symposium, West Valley City, UT. November 19, 2014.

P13. "Bringing Social Science Research into an Urban Water Observatory". Informal presentation to CUAHSI Intermountain West Regional Meeting. University of Nevada-Las Vegas. October 15, 2014.

P14. "Assessing the Impacts of Federal Farm Programs on Rural Communities." Presentation at the 2014 Annual Meetings of the Rural Sociological Society. New Orleans, LA. August 1-3, 2014. (Co-authored with J. Ulrich-Schad and C. Grimm).

P15. "Using Rural Social Science Research to Change Policy." Organized Session, Annual Meetings of the Rural Sociological Society, New Orleans, LA. August 1-3, 2014. (Session organizer and chair with 6 panelists).

P16. "Integrating data on the Human Elements of a Coupled Socio-Hydroecological Watershed Observatory: the iUTAH experience." Mountain Observatories: A Global Fair and Workshop. July 16-19, 2014. (Co-authored with Courtney Flint).

P17. "Understanding Drivers of Environmental Technology Adoption in the Oil and Gas Industry." Implications of Hydraulic Fracturing for Creating Sustainable Communities CID Conference, SUNY-Binghamton. April 10-11, 2014. (Co-authored with Brian Gentry and Gene Theodori).

P18. "The Impact of Urban Form on Water Use and Management in the Intermountain West." Presentation at the 2013 International Symposium for Society and Resource Management. Estes Park, CO. June 4-8, 2013. (Co-authored with M. Buchert, M. Cannon, P. Stoker, J. Endter-Wada, E. Li, S. Li, S. Hinners, C. Licon, and Z. Ma.)

P19. "Beyond Cadillac Desert: Reframing the Western Water Sustainability Paradigm." **Invited presentation** to University of Utah Global Change and Sustainability Center Seminar Series. March 5, 2013.

P20. "Beyond Cadillac Desert: Reframing the Western Water Sustainability Paradigm." **Invited presentation** to USU Department of Environment and Society Seminar Series. February 25, 2013.

P21. "The People Puzzle: Using Social Sciences to Address Water Sustainability Challenges in Utah." **Invited presentation** at Utah State University "Sunrise Sessions" series. Salt Lake City, UT, February 1, 2013. Video recording available at: https://www.youtube.com/watch?v=cgfhte-Ww2Q

P22. "How to Improve Agricultural Systems through Existing and New Science and Technology." **Invited international presentation** at Wilton Park Conference on "Global Food Security: the Role of Science and Technology." Wiston House, West Sussex, United Kingdom, October 17-19, 2012.

P23. "On Food." **Invited presentation** to USU Crossroads Colloquium. Logan, UT, September 19, 2012.

P24. "Playing in Other Sandboxes: Pushing the Boundaries of Social Science Roles." Paper presented at 2012 Annual Meetings of the Rural Sociological Society. Chicago, IL, July 26-29.

P25. "Reframing the Western Water Problem: the importance of intermediate-scale settled landscapes in the Intermountain West." Presentation at the 2012 University Consortium on Water Research (UCOWR) meetings, Sante Fe, NM, July 17-19, 2012 (co-authored with R. VanKirk).

P26. "Challenges of Melding Academic and Practitioner Perspectives to Tackle a Seemingly Intractable Environmental Problem." 2012 International Symposium on Society and Resource Management (ISSRM), Edmonton, AL, Canada, June 17-21, 2012 (co-authored with A. Armstrong).

P27. "Comparing Alternative Approaches to Measuring BMP Implementation, Maintenance, and Effectiveness." Presentation at 2012 USDA-NIFA Land and Sea Grant Water Conference, Portland, OR, May 21-24, 2012 (co-authored with L. Belton, P. Budy, N. Salant, M. Ballie, D. Stevens, N. Mesner and A. Armstrong).

P28. "Outstanding in their Fields? Challenges of Interdisciplinary Science in Human Impacted Landscapes." **Invited seminar presentation** to Watershed Sciences Seminar Series, Logan, UT, April 10, 2012.

P29. "Sustainable Agriculture for the 21st Century." **Invited presentation** to on-line webinar on *Challenges of Feeding 9 Billion People: Implications for Cooperative Extension.* sponsored by North Central States Cooperative Extension Service. April 3, 2012. Recording available online at: http://learn.extension.org/events/477

P30. "Building a Transdisciplinary Water Science Team: Lessons from the Intermountain West." Presentation to NSF-Water Sustainability and Climate Program PI-conference, Washington, DC, November 21, 2011.

P31. "Moving Out: Exploring Spatial Patterns of Rural and Exurban Residential Settlement in the Intermountain West." Paper presented at 2011 Annual Meetings of the Rural Sociological Society, Boise, ID, July 28-31, 2011.

P32. "Toward Sustainable Agricultural Systems – Exploring the Role of Public Research and Extension," **Invited presentation** to 2011 Utah State University Statewide Extension Conference, Logan, UT, March 2, 2011.

P33. "Utah's Little Bear River Watershed CEAP Project: Taking Lessons Learned to the Next Level." Poster presented at the 2010 USDA-NIFA National Water Conference, Washington, DC, January 31-February 1, 2011.

P34. "Science for Creating Sustainable Agricultural Systems in the 21st Century." **Invited seminar presentation**, The Private and Public, Scientific, Academic, and Consumer Food Policy Group (PAPSAC), John F. Kennedy School of Government, Harvard University, November 22, 2010.

P35. "Transdisciplinarity and the Social Sciences." **Invited seminar presentation**, Michigan State University Departments of Agricultural Economics and Sociology, and Kellogg Biological Station. November 5, 2010.

P36. "Results of USU Research on Opportunities and Obstacles in the Uintah Basin." Presentation at the Workshop on Energy and Environment, Vernal Utah, October 14, 2010.

P37. "Conservation Effectiveness Assessment Program: Lessons learned from the Little Bear River project," presentation to Utah Nonpoint Source Water Quality Conference, Richfield, Utah, October 6, 2010 (Joint presentation with N. Mesner).

P38. "Implementing Recommendations of NAS Study," **Invited presentation** at USDA/Farm Foundation Workshop, National Press Club, Washington, DC, September 16, 2010.

P39. "Stairways to Heaven? Alternative food systems as drivers of sustainability in 21st Century U.S. agriculture." Paper presented at the 2010 Annual Meetings of the Rural Sociological Society, Atlanta, GA, August 5-8, 2010.

P40. "Stairways to Heaven? Alternative food systems as drivers of sustainability in 21st Century U.S. agriculture." Paper presented at the 2010 International Symposium on Society and Resource Management, Corpus Christi, TX, June 6-10, 2010.

P41. "Assessing Landscapes: Vulnerabilities and Values." **Invited Plenary Paper and Keynote Address**, Managing Agricultural Landscapes for Environmental Quality Conference, Denver, CO, April 28-30, 2010.

P42. "Using aerial photography to measure impacts of in-stream and riparian area conservation best management practices." Paper presented at the 2010 USDA-NIFA National Water Conference, Hilton Head, SC, February 21-25, 2010 (with C. Neale and J. Horsburgh).

P43. "Local Policy and Agricultural Trends at the Rural-Urban Interface." Paper presented at the Annual Meetings of the Rural Sociological Society, Madison, WI, July 30-August 2, 2009 (co-authored with J. Clark, J. Sharp, and S. Inwood).

P44. Session Chair: "Local Water and Agri-Environmental Policies" and "Impacts of Local Policies on Agriculture in Urbanizing Environments." Organized and chaired two paper sessions for the Annual Meetings of the Rural Sociological Society, Madison, WI, July 30-August 2, 2009.

P45. "Local Agency and Trajectories of Agricultural Change at the Rural-Urban Interface in the United States." Paper presented at the Transitions in Urban Agriculture Conference, Wageningen University, Wageningen, Netherlands, October 26-28, 2008 (co-authored with J. Clark, J. Sharp, and S. Inwood).

P46. "The Future of Agriculture and Land Use at the Rural-Urban Interface," Presentation at the Annual Meetings of the Rural Sociological Society, Manchester, NH, July 28-31, 2008 (co-authored w/ J. Sharp, J. Clark, and S. Inwood).

P47. "Sage-Grouse Local Working Groups: Preliminary Results of a Needs Assessment Survey." Presentation made to Utah State Office Staff, National Resource Conservation Service, USDA, Salt Lake City, Utah, January 18, 2008 (with L. Belton and T. Mesmer).

P48. "Implementation and Maintenance of Water Quality BMPs: A sociological study of cooperator behavior in the Little Bear River Watershed." Presentation made to Bear River Symposium, Utah State University, Logan, UT, September 6, 2007 (co-authored with E. de la Hoz, M. Halling and J. McEvoy).

P49. "The Impact of Local Land Use Policy and Social Infrastructure on Agricultural Transitions in Urbanizing Areas" Presentation at the Annual Meetings of the Rural Sociological Society, Santa Clara, CA, August 2-5, 2007 (with J. Clark, S. Inwood, J. Sharp, and L. Porreca).

P50. "Agricultural Change at the Rural-Urban Interface: Can Communities Make a Difference," Presentation for USDA National Research Initiative Project Directors Conference, Santa Clara, CA, August 2, 2007 (with J. Sharp).

P51. "Understanding the Impacts of Urbanization on Agriculture: A Conceptual Model," Paper presented at USDA/USFS Emerging Issues along the Urban-Rural Interface Conference, Atlanta, GA April 9-13, 2007 (with S. Inwood, J. Clark, and J. Sharp).

P52. "Integrating Social Science Methods into an Assessment of Conservation Programs," Presentation at 2007 USDA-CSREES National Water Conference, Savannah, GA, Jan 28-Feb 1, 2007 (with M. Halling, L. Belton, E. de la Hoz, N. Messner, and D. Stevens).

P53. "Human Dimensions of Complex Natural Systems." **Invited seminar presentation**. International Livestock Research Institute. Nairobi, Kenya. November, 2006.

P54. "Understanding Human Dimensions of Hydrologic Systems as a Scientific Project," Paper presented at the 12th International Symposium on Society and Resource Management, Vancouver, BC (Canada), June 4-8, 2006.

P55. "Farming in the Urban Shadow: Can Communities Make a Difference?" Invited faculty seminar presentation, Department of Sociology, University of Utah, Salt Lake City, UT, March 8, 2006.

P56. "Discriminating the Public's Voice in a Landfill Siting Decision," Lead author of paper presented at the *Annual Meetings of the Utah Chapter, Solid Waste Association of North America*, Logan, Utah, February 2006 (with A. Caplan and T. Grijalva).

P57. "New Frontiers: Understanding Human Dimensions of Hydrologic Systems as a Scientific Project." Invited Paper presented at the Geological Society of America Annual Meetings, Salt Lake City, UT. October, 2005.

P58. "The Ins and Outs of Interdisciplinary Research." Presenter on Panel at Annual Meetings of the Rural Sociological Society, Tampa, FL, August 2005.

P59. "Discriminating the Public's Voice in a Landfill Siting Decision," Paper presented at the *Waste: The Social Context* conference, Edmonton, Alberta, May 11-15, 2005 (with A. Caplan and T. Grijalva).

P60. "Understanding Manure Management Behavior on Wisconsin Farms," Paper presented at the *State of the Science of Animal Manure and Waste Management Symposium*, San Antonio, TX, January 2005 (with J. M. Powell, H. Saam, and D. F. McCrory).

P61. "The Future of the Sociology of Agriculture and Food," Invited talk, Symposium to Celebrate the Research of Dr. Frederick H. Buttel; Sacramento, CA, August, 2004.

P62. "Changing Land Use Patterns in the Rocky Mountain West." Paper presented at Annual Meetings of the Rural Sociological Society, Sacramento, CA, August 11-14, 2004 (co-authored with E. Jensen and B. Jennings).

P63. "Social Aspects of Agriculture." Invited paper presented at 10th International Symposium on Society and Natural Resources, Keystone, Colorado, June 5-8, 2004.

P64. "Rural Land Use Change in the Intermountain West." Invited paper presented at USDA Economic Research Service conference on Population Change and Rural America, January 29-30, 2004 (co-authored with E. Jensen and B. Jennings).

P65. "Fertile Ground: Unanswered Questions and Emergent Issues in the Sociology of Agriculture," Paper presented at the Joint Annual Meetings of the Rural Sociological Society and American Agricultural Economics Association, Montreal, Canada, July, 2003.

P66. "Impacts of Farm Structural Change on Social Ties to Local Communities," Paper presented at Joint Annual Meetings of the Rural Sociological Society and American Agricultural Economics Association, Montreal, Canada, July, 2003 (co-authored with Gilbert W. Gillespie).

P67. "Impact of Farm Structural Change and Land Use Pressures on Farmer Community Involvement and Attachment ," Paper presented at the 65th annual meetings of the Rural Sociological Society, Chicago, Illinois, August 14-18, 2002 (co-authored with Rick Krannich, Catherine Grossclose, and Jennifer MacAdam).

P68. "A Comparative Analysis of Dairy Herd Expansion and Exit Patterns Across Different U.S. Dairy Regions," Paper presented at the 65th annual meetings of the Rural Sociological Society, Chicago, Illinois, August 14-18, 2002 (co-authored with Catherine Grossclose, Rick Krannich, and Jennifer MacAdam).

P69. "Impacts of Emerging Environmental Policies on a Diverse Natural Resource Industry," Paper presented at the 9th International Symposium on Society and Resource Management (ISSRM), Bloomington, IN, June 2-5, 2002 (coauthored with Heather Saam and J. Mark Powell).

P70. "Limitations of Agricultural Land Use Planning Tools in Rural Wisconsin," Paper presented at the annual meetings of the American Collegiate Schools of Planning, Atlanta, GA, November, 2000 (co-author with J. Bukovac).

P71. "A Critical Analysis of Farmer and Public Support for Farmland Preservation in the Upper Midwest ." Paper presented at the annual meetings of the Rural Sociological Society, Washington, D.C., August, 2000.

P72. "Locality of Spending Patterns among Different Sized Dairy Farm Businesses," Presentation at panel on "Impact of Structural Change on Rural Communities" during the annual meetings of the Rural Sociological Society, August, 1999.

P73. "What Does Agriculture Mean to a Community (and What Does a Community Mean to Agriculture)," Presentation at panel on "Exploring the Borders: Community, Agriculture, and Food" during the annual meetings of the Rural Sociological Society, August, 1999.

P74. "In Whose Hands: Evaluating the Effectiveness of Local Policy on Farmland Preservation in Wisconsin," Paper presented at the annual meetings of the Rural Sociological Society, August, 1998 (written with J. Bukovac).

P75. "What is Technology Assessment? A Conceptual Framework and Overview of the Wisconsin Technology Assessment Project," Presentation at panel on "Technology Assessment Praxis," during the annual meetings of the Agriculture, Food, and Human Values Society, June, 1998.

P76. "In Whose Hands? An Evaluation of the Impacts of Development Pressure and Local Land Use Policy on the Viability of Commercial Agriculture in Dane County," paper presented at the Who Owns America? II conference, Madison, WI, June, 1998 (written with J. Bukovac).

P77. "The Alternative-Conventional Agricultural Paradigm: A Replication," Paper presented at the annual meetings of the Rural Sociological Society, August, 1998 (written with F. Buttel).

P78. "Farmer Adoption of rBGH Technology in Wisconsin: An Update," Paper presented at the annual meetings of the Agriculture, Food, and Human Values Society, June, 1997 (written with B. Barham, F. Buttel, M. Nevius, and L. Chen).

P79. "Regional Dualism in the U.S. Dairy Commodity Sector," Paper presented at the annual meetings of the Agriculture, Food, and Human Values Society, June, 1997 (written with F. Buttel).

P80. “Structural Change in the U.S. Dairy Industry: Uneven and Unexpected Trends,” Paper presented at the annual meetings of the Rural Sociological Society, August, 1997 (written with F. Buttel).

P81. “Understanding the Microdynamics of Farm Structural Change: Entry, Exit, and Restructuring among Wisconsin Family Farmers in the 1980s,” Paper presented at the annual meetings of the Rural Sociological Society, August, 1996.

P82. “The Public Policy Implications of Changes in Commodity Systems. What needs to be done to ensure market access for independent producers and the implications of market concentration for consumers,” Presentation at th eAgriculture, Extension, and Rural Policy Interest Group session, annual meetings of the Rural Sociological Society, August, 1996.

P83. “Dairy Farm Expansion Trends in the Family Farm Belt," Paper presented at the annual meetings of the Rural Sociological Society, August, 1996 (written with Bradford Barham).

P84. “Reversal of Fortunes: Comparisons of farm structural trends in the 1970s and 1980s,” Paper presented at the annual meetings of the Rural Sociological Society, August, 1995.

P85. “Off-Farm Work as a Survival Strategy on Wisconsin Farms: Evidence from a longitudinal panel data set,” Paper presented at the annual meetings of the Rural Sociological Society, August, 1995 (written with S. Bentley).

P86. “Land Transfers and the Family Farm: Implications of entry and exit processes for agricultural land tenure in Wisconsin,” Paper presented at conference on "Who Owns America: Land and Resource Tenure Issues in A Changing Environment," University of Wisconsin-Madison, June, 1995.

P87. "Farmers and Indigenous Agricultural Knowledge in Nepalese Agricultural Research," Paper presented at the annual meetings of the Rural Sociological Society, August, 1989.

B. Presentations as Co-Author (Substantive contribution, but presented by others)

P88. “Municipal leader perceptions of urban water supply and demand in Utah.” Presentation at 2016 International Symposium on Society and Resource Management (ISSRM). Houghton, MI. June 22-26, 2016. (Presented by M. Haeffner, co-authored by D. Jackson-Smith and C. Flint).

P89. “Water-based recreation and environmental concern among Utahns.” Presentation at 2016 International Symposium on Society and Resource Management (ISSRM). Houghton, MI. June 22-26, 2016. (Presented by M. Barnett, co-authored by D. Jackson-Smith).

P90. “Utah’s oldest show most concern for future water shortages.” Presentation at 2016 International Symposium on Society and Resource Management (ISSRM). Houghton, MI. June 22-26, 2016. (Presented by V. Baji, co-authored by D. Jackson-Smith).

P91. “Impacts of urbanization and social change on dynamics of water management in local irrigation companies in Northern Utah.” Presentation at 2016 International Symposium on Society and Resource Management (ISSRM). Houghton, MI. June 22-26, 2016. (Presented by B. Nielsen, co-authored by D. Jackson-Smith).

P92. "Shifting water use patterns in response to the conversion of irrigated agricultural lands to residential uses in the Intermountain West." Presentation at 2016 International Symposium on Society and Resource Management (ISSRM). Houghton, MI. June 22-26, 2016. (Presented by E. Fairchild, co-authored by D. Jackson-Smith).

P93. "Exploring the Relationship between Water-Related Recreation Activity and River Values and Conservation Policy Preferences among Urban Utah Residents." Presentation at 2016 River Management Symposium and National Outdoor Recreation Conference, Boise, ID. May 2016. (Presented by C. Flint; co-authored by B. Miller and D. Jackson-Smith).

P94. "Fallow Replacement in Dryland Wheat Cropping Systems to Increase Economic Returns and Improve Water Quality in Semi-Arid Central Montana." Presentation at 2015 American Society of Agronomy (ASA) meetings. November 18, 2015. (Presented by C. Jones; co-authored by A. John, S.A. Ewing, W.A. Sigler, D. Jackson-Smith, A. Bekkerman, and P.R. Miller).

P95. "Frac(k)ing Communities, Fractured Communications: A Case Study of Interactions between the Oil Industry, Public Officials, and Rural Communities." Presentation at 2015 Rural Sociological Society. Madison, WI. August 5-9, 2015. (Presented by P. Petrzelka; co-authored by C. Ellis, J. Potterf, D. Jackson-Smith, and G. Theodori).

P96. "Cross-boundary Connections in Sustainable Stormwater Policy and Management." Presentation at 2015 Meetings of the Association for Environmental Studies and Sciences (AESS), San Diego, CA, June 25, 2015. (Presented by Andrea Armstrong, co-authored by D. Jackson-Smith).

P97. Assessing the influence of geographic and socio-demographic factors on water risk perceptions in Utah. Presentation at the International Symposium for Society & Resource Management. Charleston, South Carolina. June 16, 2015. (Presented by C. Flint; Co-Authored by R Hale, A Armstrong*, T Carothers*, J Endter-Wada, A Hall*, D Jackson-Smith, and S Yeo).

P98. "Environmental Orientation and Water Resources: Evidence from the 2014 'Utah's Water Future' Survey." Presentation at 2015 International Symposium on Society and Resource Management. Charleston, SC. June 15-18, 2015. (Presented by T. Carothers; co-authored by C. Flint and D. Jackson-Smith).

P99. "Local Water Management Organizations in Rural and Urbanizing Landscapes: Linkages and Adaptive Responses to Changing Water Regimes. Presentation at the 2014 Annual Meetings of the Rural Sociological Society, New Orleans, LA. August 2014. (Presented by Andrea Armstrong).

P100. "Frack Framing: Connecting Media Coverage and Resident Perceptions." Presentation at the 2014 Annual Meetings of the Rural Sociological Society, New Orleans, LA. August 2014. (Presented by Adrian Uzunian; coauthored by J.E. Potterf, P. Petrzelka, C. Ellis, D. Jackson-Smith).

P101. "Using spatially-explicit models to explore the impacts of residential settlement on agriculture in the Intermountain West." Co-author of presentation at 2013 International Symposium on Society and Resource Management, Estes Park, CO. June 4-8, 2013. (Co-authored with S. Ahmed).

P102. "The Exurban Land use Policyscape: Does it support local food systems?" Co-author of presentation at Annual Meeting of the Agriculture and Human Values Society. East

Lansing, MI, June 2013. (Presented by J. Clark; co-authors: S. Inwood and D. Jackson-Smith).

P103. "Residential Settlement Development in Intermountain West and Associated Environmental Footprints." Co-author of presentation at 2012 annual meetings of the Rural Sociological Society, Chicago, IL, July 26-29. (Presented by S. Ahmed; co-author: D. Jackson-Smith).

P104. "Building Bridges and Digging Ditches: Reflections and insights on Transdisciplinary Water Research." Co-author of presentation at 2012 Universities Council on Water Resources (UCOWR) meeting, Sante Fe, NM, July 17-19, 2012. (Presented by A. Armstrong; co-authors: D. Jackson-Smith and L. Belton).

P105. "Drivers of Residential Settlement Development and Impacts on Agriculture in the Intermountain West." Co-author of presentation at 2012 International Symposium on Society and Resource Management (ISSRM). Edmonton, Alberta, Canada, June 17-22. (Presented by S. Ahmed; co-author: D. Jackson-Smith).

P106. "Participatory Research to Reduce Nitrate Leaching: Judith River Watershed, Montana." Co-author of presentation at 2012 USDA Land and Sea Grant National Water Conference, Portland, OR, May 23, 2012 (Presented by A. Sigler; co-authors: S. Ewing, D. Jackson-Smith, and C. Jones).

P107. "Public Perception of the Oil and Gas Industry: The Good, the Bad, and the Ugly." Co-author of paper presented at 2010 Society of Petroleum Engineers Annual Technical Conference and Exhibition, Florence, Italy, September 19-22 , 2010 (Presented by G.L. Theodori; co-author: D. Jackson-Smith).

P108. "Opportunities and Barriers to Environmentally Friendly Energy Exploration and Production Practices in the Uinta Basin." Co-author of paper presented at the 2010 International Symposium on Society and Resource Management, Corpus Christi, TX, June 6-10, 2010 (presented by G.L. Theodori; co-authors: L. Belton, J. Allen).

P109. "Finding a Niche: Matching Agency Capabilities to Collaborative Group Needs." Co-author of paper presented at the 2010 International Symposium on Society and Resource Management, Corpus Christi, TX, June 6-10, 2010 (presented by L. Belton; co-author: T. Messmer).

P110. "Sage-Grouse Local Working Groups: An Overview of Needs." Co-Author of Presentation to Cooperative Sagebrush Initiative Workshop, Denver, CO, September 3, 2008 (presented by L. Belton, MS student; co-author T. Messmer).

P111. "Sage-Grouse Local Working Groups: A Needs Assessment." Co-Author of Presentation to Western States Sage Grouse Working Group Technical Committee Workshop, Mammoth Lakes, California, June 24, 2008 (presented by L. Belton, MS student; co-author T. Messmer).

P112. "Assessing the Long Term Impacts of Water Quality Outreach and Education Efforts on Landowners." Co-Author of paper presented at 2008 USDA National Water Quality Conference, Reno, NV, February 4-7, 2008 (presented by MS student, Jamie McEvoy).

P113. "Assessing the spatial distribution of conservation practices implemented along a northern Utah watershed: did practices target critical areas?" Co-Author of paper presented at 2008 USDA National Water Quality Conference, Reno, NV, February 4-7, 2008 (presented by PhD student, Ernesto de la Hoz).

P114. “Sage-Grouse Local Working Groups: A Needs Assessment.” Co-Author of Presentation to Western Association of Fish and Wildlife Agencies mid-winter meeting, January 4-6, 2008 (presented by L. Belton, MS student; co-author T. Messmer).

P115. “Geography of US Peri-Urban Agricultural Adaptation,” Junior author of paper presented at the Transatlantic Land Use Conference, Washington, DC, September 24-26, 2007 (with J. Clark, J. Sharp, and D.Munroe).

P116. "Sustaining the Family Farm at the Rural Urban Interface: Comparing the Reproduction Processes of Commodity and Alternative Food & Ag. Enterprises" Junior author of presentation at Annual Meetings of the Rural Sociological Society, Santa Clara, CA, August 2-5, 2007 (with S. Inwood, J. Sharp, and J. Clark).

P117. “Agricultural Change at the Rural-Urban Interface: Growth, Decline & Stability,” Junior author of presentation at Annual Meetings of the Rural Sociological Society, Santa Clara, CA, August 2-5, 2007 (with J. Sharp, S. Inwood, and J. Clark).

P118. “Dynamics of US Agriculture in the Exurban Landscape,” Junior author of paper presented to Sixth Quadrennial Conference of British, Canadian, and American Rural Geographers, Spokane, Washington USA, July 2007 (with J. Clark and J. Sharp).

P119. “Agricultural Change at the Rural-Urban Interface: Policy, Social Infrastructure and Adaptation in 7 U.S. Counties,” Junior author of paper presented at the 13th International Symposium on Society and Resource Management, Park City, Utah, June 17-21, 2007 (with J. Sharp, J. Clark, S. Inwood, and L. Porreca).

P120. “Community Influence on Farm Adaptation at the Rural-Urban Interface,” Junior author of paper presented at the USDA/USFS Emerging Issues along the Urban-Rural Interface Conference, Atlanta, GA April 9-13, 2007 (with S. Inwood, J. Clark, and J. Sharp).

P121. “Migration Selectivity to Nonmetropolitan Destinations with High Natural Amenity,” Junior author of paper presented at Midwest Sociological Society meetings, Chicago, IL, April 7, 2007 (with S.L. Lee, E. Berry, and M. Toney).

P122. “Questioning the “Nature” of Biophysical Processes: Evidence from the Irrigated West,” Junior-author of paper presented at the Annual Meetings of the Rural Sociological Society, Louisville, KY, August 10-13, 2006 (with M. Halling, MS student).

P123. “Where and how much manure is land-spread on Wisconsin dairy farms.” Junior Author on Invited Paper. In: Silage for Dairy Farms: Growing, Harvesting, Storing, and Feeding. Conference sponsored by Natural Resources, Agriculture, and Engineering Service (NRAES), Ithaca, NY. January 23-25, 2006. Harrisburg PA, p. 386-395. (with M. Powell).

P124. “Human-Hydrology Interactions in the Urbanizing Arid West.” Junior author on paper presented at the Geological Society of America Annual Meetings, Salt Lake City, UT. October, 2005 (with C. Forster).

P125. “Trajectories of Agricultural Change in Rural-Urban Interface Counties, 1997-2002.” Junior author on paper presented at the Annual Meetings of the Rural Sociological Society, Tampa, FL, August 2005 (with J. Sharp, J. Clark and S. Inwood).

P126. “Reversing the Attitude-Behavior Relationship: Changes in Recycling Attitudes through Exposure to a Structured Recycling Program,” Junior author of paper presented at the *Waste: The Social Context* conference, Edmonton, Alberta, May 11-15, 2005 (with J. Ericksen, MS student).

P127. "Exploring the Impact of Public Input on a Technocratic Decision," Junior author of paper presented at the *Waste: The Social Context* conference, Edmonton, Alberta, May 11-15, 2005 (with E. Malik, MS student).

P128. "American Idle: The Effects of Urbanization on Farmland and Farm Structure in the United States," Junior author of presentation at Urban Rural Interface Conference, Atlanta, GA, March 13-15, 2005 (with E. Jensen, MS student).

P129. "Environmental Policy and Factors that Impact Manure Management on Wisconsin Dairy Farms," Junior author if paper presented at the *State of the Science of Animal Manure and Waste Management Symposium*, San Antonio, TX, January 2005 (with J. M. Powell, D. McCrory, and H. Saam).

P130. "Balancing Cropland and Livestock on Wisconsin Dairy Farms," Junior author of paper presented at the American Society of Agronomy meetings, Portland, OR, Nov 2004 (with H. Saam, J. M. Powell, and D. F. McCrory).

P131. "Predicting the number of suitable days for manure spreading across Wisconsin." Junior author of paper presented at Annual Society of Agronomy Meetings, Nov 2004 (with D. F. McCrory, H. Saam, J.M. Powell, and C. A. Rotz).

P132. "The Unimportance of Dependence." Junior author of paper presented at Annual Meetings of the Rural Sociological Society, Sacramento, CA, August 11-14, 2004 (co-authored with E. Jensen).

P133. "Apparent manure collection and land-spreading on Wisconsin dairy farms." Junior author of paper presented at Annual Meetings of the American Society of Agronomy, Denver, November, 2003 (co-authored with J.M. Powell, D. McCrory, and H. Saam).

P134. "Conceptual and Methodological Challenges of Measuring Farm-Community Linkages," Junior author of paper presented at Joint Annual Meetings of the Rural Sociological Society and American Agricultural Economics Association, Montreal, Canada, July, 2003 (co-authored with Bradford Barham).

P135. "The Dynamics of Agricultural Biotechnology Adoption: Lessons from rBST Use in Wisconsin, 1994-2001" Junior author of paper presented at the annual meetings of the American Agricultural Economics Association, Long Beach, CA, July 29, 2002 (co-authored with Sunung Moon and Bradford L. Barham).

P136. "Deconstructing Agricultural Technologies: Diversity in the adoption and adaptation of Wisconsin Dairy Herd Feeding Practices," Junior author of paper presented at 64th Annual Rural Sociological Society meetings, Albuquerque, New Mexico, August 18, 2001 (written with Gwen Sharp, MS student).

P137. "Directing Land Grant Resources to a More Diverse Farm Constituency: Views from Farmers," Junior author of paper presented at 64th Annual Rural Sociological Society meetings, Albuquerque, New Mexico, August 18, 2001 (written with Marcia Ostrom).

P138. "After the Dust Settles: rBST adoption among Wisconsin dairy farms in the post-consumer controversy era." Junior author of paper presented at the annual meetings of the Rural Sociological Society, Washington, D.C., August, 2000 (with L. Chen and B. Barham).

P139. "Pleasure, Work, and the Grass Bug," second author of paper presented at the annual meetings of the Rural Sociological Society, August, 1998 (written with N. Hassanein and M. Ostrom).

IX. TEACHING

A. Classroom teaching – The Ohio State University

- ENR 8897: "Research Proposal Seminar" Spring 2017.

B. Classroom teaching – Utah State University

- Honors 3040: "Sustainability in Agriculture, Food and Land," Spring 2016.
- Sociology 3120: "Social Statistics," Spring 2002.
- Sociology 3610: "Rural Sociology," Fall 2002, Fall 2004, Fall 2010, Spring 2013; Spring 2015.
- Sociology 4350/6350: "Political Sociology" Spring 2011
- Sociology 6100: "Advanced Methods of Social Research," Fall 2002, 2003, Spring 2005, Fall 2005, Fall 2007, Fall 2009, Fall 2011.
- Sociology 6630: "Natural Resources and Social Development," Fall, 2001, Spring 2004, Spring 2006, Spring 2008, Spring 2010, Fall 2011, Fall 2015.
- Sociology 6800(1): "Teaching Strategies," Fall 2012.
- Sociology 6800(1): "Research Design," Fall 2012.
- New Sociology Graduate Orientation Seminar, Fall 2002, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2011, 2012.
- PE1680: "Curling," one class per semester, 2004-present.

C. Classroom teaching – University of Wisconsin-Madison

- Urban and Regional Planning 912: "Planning Workshop," (Co-instructor) Spring 2001
- Urban and Regional Planning 590: "Challenges of Rural and Agricultural Planning," Spring 2000.
- Rural Sociology 748: "Environmental Sociology," Fall 1997. (Co-instructor)
- Rural Sociology 140, "Introduction to Rural Sociology," Spring 1996 and Spring 1997.
- Rural Sociology 985: "Training Seminar on Science, Technology, Agriculture, Resources, and the Environment (STARE)," Fall 1999; Spring and Fall 2000.

D. Extension Teaching (Utah State University) – selected examples

- "Communication and Interactions between the Oil Industry and Rural Communities." Presentation to several community groups in the Eagle Ford Region in South Texas. October 28-29, 3015.
- "Using case studies to facilitate farmer conservation decisions." **Invited webinar presentation**, USDA Natural Resources Conservation Service, May 14, 2015. (Co-presented with B. Barham). Attended by over 200 NRCS staff nationwide.
- "Sustainable Agriculture for the 21st Century". **Invited webinar presentation**, North Central State Extension Conference, April 3, 2012.
- "Social Aspects of Water Use/Rights". **Invited keynote address**, 2012 Northern Utah Water Conference, Logan, UT, March 28, 2012.
- "Drivers and Constraints to Reducing the Environmental Footprint of Energy Development in the Uintah Basin." Presented to multiple audiences, including:
    - USU Energy Footprint Workshop, October, 14, 2010, Vernal, Utah.
    - Utah Governor's Energy Forum, July 12, 2010, Salt Lake City, Utah.
- "BMP Implementation, Maintenance, and Impacts in the Little Bear River." Presented to multiple audiences, including:
    - Utah Nonpoint Source Pollution Conference, Richfield, UT, October 6, 2010.
    - USDA National Conservation Effects Assessment Steering Committee, Washington, DC, September 17, 2010.
    - Utah Departments of Agriculture and Environmental Quality, May 17, 2010.
- "Municipalities and Irrigation Companies Getting to 'Win-Win." Northern Utah Water Users Association Meeting, Logan, UT, March 25, 2008.
- "Update on Sage Grouse Working Group Needs Assessment Project," Utah Sage Grouse Summit, Salt Lake City, UT, March 13-14, 2007.
- "Trends and Challenges in the Eastern Idaho Dairy Industry." Southeastern Idaho Winter Dairy Conference, Preston, ID March 1, 2007.

E. Post-doctoral scholars mentored

- Melissa Haeffner (Sociology) – iUTAH postdoctoral research fellow; PhD Colorado State (2015); June 2015-present

F. Graduate students supervised

1. Ph.D. students

The Ohio State University (current)

- Joshua Fergen (Rural Sociology) – Committee member, 2016-present.

Utah State University (current)

- Shawn Olson (Sociology) – Committee member, 2013-present.
- Daniel Kinka (Wildland Resources) – Committee member, 2012-present.

Utah State University (defended)

- Andrea Armstrong (Sociology) – **Faculty advisor** and committee member, "Organizational Adaptation in Local Stormwater Governance." Defended April 2015.
- Joyce Mumah (Sociology) – **Faculty advisor** and committee member, "Socioeconomic Status, Women and HIV: Do the Determinants of Female HIV Vary by Socioeconomic Status in Cameroon?" Defended April 2011.
- Lori Porreca (Sociology) – **Faculty advisor** and committee member, "The Influence of Collective Action and Policy in the Development of Local Food Systems," defended April 2010.
- Elizabeth Kiester (Sociology) – Committee member, "Mothers on the Market: Employer Hiring Practices and Motherhood Penalties," defended March 2014.
- Mekbeb Tessema (Environment and Society) -- Committee member, "Forest Resource Access, Dependency and Vulnerability in Southeast and Southcentral Alaska," defended December 2010.
- Carla Koons Trentelman (Sociology) – Committee member, "Big, Smelly, Salty Lake that I Call Home": Sense of Place with a Mixed Amenity Setting," defended Spring 2008.
- Brian Jennings (Sociology) – Committee member, "Seasonal outlook: an examination of how the foundations of attachment to community differ between seasonal and year-round residents in high-amenity areas." defended Spring 2009.
- Susan Reid (Environment and Society) – Committee member; "Attitudes, Behavioral Intentions, and Migration: Resident Response to Amenity Growth-Related Change in the Rural Rocky Mountain West," defended December 2008.
- Tracy Williams (Sociology) – Committee member; "In the Midst of a Changing Landscape: Residents' Beliefs and Attitudes Toward Aspects of the American West," defended Fall 2005.

- Jesse Weiss (Sociology) – Committee member; "The Skull Valley Goshute and Nuclear Waste: Rhetorical Analysis of Claims-Making of Opponents and Proponents," defended Summer 2004.

University of Wisconsin-Madison (defended)

- Lucy Chen (Sociology) – Committee member; "The Social Shaping of Agricultural Biotechnology: Case Studies of rBGH and Genetically Modified Organism Crops," defended March 2005.
- Gwen Sharp (Sociology) – Committee member; "Responses of Ranchers to Changes in the Beef Agri-Food System," defended January 2005.
- Jessica Goldberger (Sociology) – Committee member; "Organic Farming and Rural Household Food Security among Smallholders in Kenya," defended March 2005.
- Ken Geskow (Urban and Regional Planning, URPL) – Committee member; "Partnerships for Watershed Planning and Management: Sharing Resources at the Government-Grassroots Interface," defended July, 2002.

Utah State University (inactive role currently)

- Guizhen Ma (Sociology) – Committee member, 2015-2016 (moved off committee when I left USU August 2016).
- Elham Hoominfar (Sociology) – Committee member, 2015-2016 (moved off committee when I left USU August 2016).
- Brian Gentry (Sociology) – **Faculty advisor** and committee member, 2010-2015 (withdrew from program due to health issues)
- Peter Robertson (Sociology) – Committee member, 2012-2013 (changed degree program)
- Karin Abel (Sociology) – Committee member 2011-2013 (changed committee membership to better fit topic)
- Matt Cottrell (Sociology) – Committee member, 2010-2012 (withdrew from program for personal reasons)

2. M.S. students

The Ohio State University (current)

- Matthew Barnett (Rural Sociology) – **Faculty advisor and chair**, 2016-present.

Utah State University (current)

- Michael Iacolucci (Sociology) – Committee member, 2011-present.

Utah State University (defended)

- Adrian Uzunian (Sociology) – Committee member, defended December 2015. "Interpreting Risk: Variation and Explanations of Resident Perceptions of Hydraulic Fracturing Impacts."
- Saleh Ahmed – **Faculty advisor and chair**, defended December 2014. "Spatial Patterns of Rural and Exurban Residential Settlement and Agricultural Trends in the Intermountain West."

- Jeb Potterf (Sociology) – Committee member, defended July 2014, “Framing Fracking: Media Coverage of Unconventional Oil and Gas Development in South Texas.”
- Ellen Lan (Sociology) – Committee member, Defended December 2012, “How Chinese People View Democracy.”
- Jennifer Swalboski (Sociology) – **Faculty advisor and chair**, Defended April 2012, “The Effects of the Political Landscape on Social Movement Organization Tactical Choices.”
- Ed Kotter (Sociology) – **Faculty advisor and chair**, “Under What Conditions Do Community Demographics Influence Aggregate Recycling?” Defended November 2011.
- Zachary Revene (Sociology) – Committee Member, “Successfully Incorporating the Participant Perspective: A Participatory Conservation Strategy from the Social Sciences.” Defended April 2011.
- Kevin Hanks (Sociology) – Committee member, “By-Products: Immigration, Raids, and Meatpacking in Rural Communities.” Defended April 2011.
- Sherri French (Landscape Architecture and Environmental Planning) – Committee member, “New Urbanism: Its Interpretation and Implementation.” Defended April 2011.
- Karin Abel (Sociology) – Committee member, “A comparative historical study of national health care policy in the US and UK .” defended October 2010.
- Michael Jones (Sociology) – Committee member, “Rapid Rural Community Growth and Response to Change: An Assett Based Analysis,” defended December 2009.
- Etta Sechrest (Sociology) – Committee member, “Agroforestry Practice Adoption among Solomon Island Women on the Island of Malaita,” defended June 2008.
- Lorien Belton (Sociology) -- **Faculty advisor and chair**, “Actors Related to Success and Participants’ Psychological Ownership in Collaborative Wildlife Management: a Survey of Sage-Grouse Local Working Groups,” defended May 2008.
- Scott Hoffman (Environment and Society) – Committee member; “Evaluating Indicators of Resiliency and Adaptability in Amenity-Transition Communities,” defended December 2007.
- Michael Halling (Sociology) -- **Faculty advisor and chair**; “Factors Influencing Bmp Implementation and Maintenance within the Constraints of a Voluntary Participatory Conservation Program: An Analysis of the Little Bear River Project in Logan, Utah,” defended June 2007.
- Joshua Chase (Environment and Society) – Committee member, defended January 2006.
- Eric Jensen (Sociology) – **Faculty advisor and chair**, “Outgrowing Our Roots: Agrarian Restructuring in the New West,” defended, Spring 2005.
- Emily Morgan Malik (Sociology) – **Faculty advisor and chair**, “The Role of Public Participation in Technical Decision-Making Processes: The Case of the Logan Landfill Siting Study,” defended Summer 2005.

- Jaime Ericksen (Sociology) – **Faculty advisor and chair,** "Reversing the Attitude-Behavior Relationship: Changes in Recycling Attitudes through Exposure to a Structured Recycling Program," defended Fall 2005.
- Nicole Mauerman (Sociology) – Committee member; "Context matters : an examination of men and women's involvement in land-use disputes" Defended Summer 2005.
- Caroline Kennedy (Range Management) – Committee member; Defended Spring 2005.
- Brandon Chapman (Sociology) – **Faculty advisor and chair**, "Unwritten Law: Resilient Management In Latin American Artisanal Fisheries," defended July 2004.
- Archaree Phiphadkusolkol (Sociology) – Committee member; "A Sociocultural Analysis of the Sex Trade in Thailand," defended July 2004.
- David Evans (Family Life) – Committee member; "Bankrupcy in Utah: Understanding the Predictors of Successful Chapter 13 Filings," defended July 2004.
- Katie Evenbeck (Sociology) – Committee member; "Media Representations of Whiteness in the Methamphetamine Debate," defended May 2004.
- Carla Koons Trentelman (Sociology) – Committee member; "Voice in Communities: The Importance of Being Heard." defended December 2003.
- Kelli Taylor (Bioregional Planning) – committee member; "Bayesian Belief Networks: A Conceptual Approach to Assessing Risk to Habitat," defended November 2003.

University of Wisconsin-Madison (defended)

- Jennifer (Gwen) Sharp (Rural Sociology) – **Faculty advisor and chair** of thesis committee; thesis title: "Technology Choice among Wisconsin Dairy Farms: A Comparison of Grazing and TMR systems," defended May 2001.
- Jennifer Vogt (Rural Sociology) – **Faculty advisor and chair** of thesis committee; thesis title: "Changing Role of Women on Wisconsin Dairy Farms," defended December 2000.
- Jill Bukovac (IES) – committee member (reader); thesis title: "Town Government's Role in Explaining the Spatial Variation of the Rate of Farmland Loss: Dane County, Wisconsin," defended April 1999.

G. Undergraduate student advising, mentoring, and collaboration

- Development and implementation of social science research module for iUTAH Summer Institute, 2014 (Logan).
- Mentor for summer research fellows on iUTAH NSF research project
    - Andrew Hagedorn & Dusty Pilkington (2013)
        - ✓ Pilkington presented at both state and national Undergraduate Research Conference
    - Sam Stout (2014)
    - Vivianne Baji, Matthew Johnson, Jordan Risley and Matthew Barnett (2015)
- Engagement of undergraduate students in my funded research projects
    - iUTAH 2014 Household Survey data collection (15 students, summer 2014)
    - iUTAH Utah Water Survey (ipad survey'); 2014-2015 (8 students @ USU; 30+ students at 6 other Utah campuses)
- Mentor and advisor for undergraduate students receiving Utah State University Undergraduate Research and Creative Opportunities (URCO) grants
    - Brandon Morton (Spring 2003)
    - Jordan Risley (Spring 2015)
- Mentor and advisor for students presenting at State and National Undergraduate Research and Posters-on-the-Hill Conferences
    - Brandon Morton (Spring 2003)
        - ✓ National URCO conference oral presentation
    - Dusty Pilkington (Spring 2014)
        - ✓ State and National URCO conference poster presentation
        - ✓ National EPSCoR Research Conference
    - Grant Holyoak (Spring 2015):
        - ✓ State and National URCO conference poster presentations
        - ✓ State and National Posters-on-the-Hill conference poster presentations
    - Viviane Baji (Spring 2016)
        - ✓ State and National URCO conference poster presentations
        - ✓ State Posters-on-the-Hill conference poster presentation
    - Matthew Barnett (Spring 2016)
        - ✓ State URCO conference poster presentations
        - ✓ State Posters-on-the-Hill conference poster presentation
    - Jordan Risley (Spring 2016)
        - ✓ State URCO conference poster presentation
- Served as faculty advisor for roughly 5 sociology majors per year, 2001-2003 (until undergraduate advising consolidated at department and college level).

X. SERVICE

A. Professional Service

1. National Service

- Member of the Committee to Develop a Framework to Assess the Health, Environmental and Social Effects of the Food System, Institute of Medicine, National Academies of Sciences, July 2013-March. 2015.
- Member of the Committee to Study 21st Century Agricultural Systems, National Academy of Sciences, Board on Natural Resources, December 2007-June, 2010.
- Member, National Scientific Research Advisory Committee, AGree Initiative, Meridian Institute, September 2011-present.

2. Service to Professional Societies

- Organizing Chair, 13th International Symposium on Society and Resource Management (ISSRM); meeting of the International Association for Society and Natural Resources, June 17-21, 2007, Park City, Utah.
- Rural Sociological Society
  - Elected Vice President, 2011-2012.
  - Elected Representative to Governing Council, 2007-2009.
  - Endowment Committee; Member, 2007-2009; Chair 2008/09
  - Development Committee, Member, 2004-2007.
  - Professional Communications Committee Member, Member, 2001-2004.
  - RSS Annual Meeting Program Committees, 1998, 2000, 2009, 2011
  - Co-Organizer, New Research and Interest Group on Rural Studies, 2008-2009.
  - Co-Chair, Sociology of Food and Agriculture Research Interest Group, 1997-1998; 1999-2000
  - Co-Chair, Rural Policy Research Interest Group, 2010-2012
  - Representative to Section O of the American Association for the Advancement of Science (AAAS), 2004-2007.
- Associate Editor, *Society and Natural Resources*, 2011-present.
- Member, Editorial Board, Rural Studies Series, Penn State Univ. Press, 2004-2008.
- Member, Editorial Board, Journal of Rural Social Science, 2010-present.
- Book manuscript reviews, University of Arizona Press (2005; 2006)
- Reviewer for several professional journals (1999-present):
  - *Society and Natural Resources* – 18 articles
  - *Rural Sociology* – 10 articles
  - *Landscape and Urban Planning* – 3 articles
  - *Journal of Rural Studies* – 2 articles
  - *Population and Environment* – 2 articles
  - *Land Use Policy* – 2 articles
  - *American Sociological Review* – 1 article
  - *Acta Sociologica* – 1 article
  - *Geographical Review* – 1 article
  - *Policy Studies Journal* – 1 article
  - *Social Science Journal* – 1 article

3. Leadership in professional research committees

- NE-177 USDA Hatch Regional Project (Impacts of Dairy Structural Change); Chair, 1997-1999; 2003; Secretary, 1996-1997.
- Coordinated national database project, NE-177 group, 2002-2003.

4. Service to Federal Research Agencies

- USDA National Research Initiative (NRI)
  - Member, Review Panel, NIFA/IBCE program on "Water for Agriculture" 2015
  - Member, Review Panel, Agricultural Prosperity for Small and Medium-Sized Farms Program 2008.
  - Ad hoc reviewer for grant proposals (various panels and years).
- USDA Small Business Innovation Research (SBIR)
  - Ad hoc reviewer, 2005-2008.

5. External Advisory Committee Role on Major Grant Projects

- USDA Specialty Crops Research Initiative (SCRI-CAP) – Performance and Adoptability of Biodegradable Mulches Project (University of Tennessee and Washington State University); 2015-present.
- NSF Survey Analysis via Visual Exploration (SUAVE) grant; 2015-present.

B. The Ohio State University Service

1. Departmental Service (School of Environment and Natural Resources)

- Search Committees
  - Committee Co-Chair; Assistant/Associate Professor, Community Development and Food Systems 2016/17.

2. College and University Service

C. Utah State University Service

1. Departmental Service (Dept. of Sociology, Social Work and Anthropology, Utah State University)

- Director of Graduate Studies, August 2002 – 2008; 2009-2013
  - Organizes all recruitment, orientation, advising for graduate students in Sociology program
- Tenure and Promotion Committee Service

  Active
  - Member, Sarah Null, Watershed Sciences (Asst Professor; 2011-present)

  Inactive
  - Member, Shane Graham, English (Promotion to Full, 2015-2016)
  - Member, Sergio Bernal, Music (Promotion to Full; 2015-2016)
  - Member, Josh Ryan, Political Science (Asst Professor; 2015-2016)

- Member, Ole Sleipness, Landscape Architecture and Environmental Planning (Assistant Professor; 2014-2016)
- Member, Courtney Flint, Sociology (Promotion to Full; 2013-2016)
- Member, Peggy Petrzelka, Sociology (Promotion to Full; 2011-2015) – promoted to Full Professor spring 2015
- Member, Christy Glass, Sociology (2005-2011) – promoted to Associate Professor and Tenured in spring 2011
- Chair, Maki Hatanaka, Sociology (2006-2009), left USU for position at Sam Houston State University.
- Member, Amy Bailey, Sociology (2010-2013), left USU for position at University of Illinois-Chicago.
- Member, David Kondrat, Social Work (2010-2011), left USU for position at University of Florida.
- Member, Christopher Morgan, Social Anthropology (2008-2012)
- Member, Margie Borecki, Landscape Architecture & Environmental Planning (2005-2009); left USU faculty position to pursue doctoral training in Engineering.
- Member, Kelly Hardwick, Sociology (2006-2009); left USU for position at University of Calgary.

- Brownbag Committee, 2001-2002; 2007-2008, 2010-2011
- Departmental Awards Committee, 2014
- Search Committees
  - **Committee Chair**; Assistant/Associate Professor, Sociology (Interdisciplinary Sociologist), 2012-13.
  - Committee Member: Assistant Professor, Sociology (Demography, Health & Migration), 2011-12.
  - Committee Member; National Search for SSW&A Department Head, 2010-11
  - Committee Member: Assistant Professor, Sociology (Inequality and Quantitative Methods), 2009-10.
  - **Committee Chair**: Assistant Professor, Sociology (Social Change and Development), 2004-5
  - Committee Member: Assistant Professor, Extension Sociology, 2002-3.

2. Campus Service (Utah State University)

- USU Faculty Senate
  - Faculty Senate Past President, 2015-16
  - Faculty Senate President, 2014-15
  - Faculty Senate President-Elect, 2013-14
  - Member Faculty Senate Executive Committee, 2010-present
  - CHaSS Faculty Senator, 2006-2008; 2009-present
  - Member Budget and Faculty Welfare Committee 2009-2012 (Vice Chair 2011-12)
- Member, President's Executive Committee, 2014-15 (representing Faculty Senate)

- Chair, Graduate Mentor of Year Award Committee, School of Graduate Studies, Spring 2008
- USU Honorary Degrees and Awards Committee, Chair, 2009-2010; Member, 2007-2012
- Member, USU Diversity Council (2014-present)
- Mountain West Center for Regional Studies, Steering Committee Member, 2010-present.
- Utah State Water Research Initiative
    - Executive Advisory Board member, 2003-present
    - Spring Conference Planning Committee member, 2003-2008, 2012, 2013, 2014
    - Integrated Water PhD Curriculum planning committee, 2004-2008
- Natural Resource and Environmental Policy Certificate Program (USU)
    - Faculty Advisory Board member, 2003-2006
    - Executive Committee, 2004-2006
- Member, Search Committee, Director of the Western Rural Development Center, 2004.
- Designated Liason for College of Humanities, Arts and Social Sciences to the Planning Committee for 2004 annual meetings of the American Association for the Advancement of Sciences – Pacific Division, Logan, Utah State University, 2003.
- Representative for CHaSS to Ad Hoc Committee to Develop Sustainability Major and Minor (2009-2012)
- Other Campus Service
    - Reviewer of Nominations for College of HASS Faculty Awards, (2006, 2012)
    - Undergraduate Research and Creative Project (URCO) proposal reviewer (2003)
    - Internal reviewer for College of HASS for New Faculty Grant proposals (2003; 2008)
    - Reviewer of Faculty Research Proposals, Utah Agricultural Experiment Station (multiple times; 2003-present)

D. Public Service (not listed elsewhere)

1. Service in Official or Advisory Positions of Public Organizations or Agencies

- Cache Valley Agricultural Advisory Board, 2002-2009
    - Ex-Officio Advisory Member, 2002-2005
    - Appointed by County Council as Voting Member 2005-2009
    - Vice Chair, LESA subcommittee, 2003
- Cache County Solid Waste Citizens Advisory Committee, Advisor, 2003-2010
- Cache County Solid Waste Advisory Board, Advisor, 2003-2010.
- Dane County (WI) Farmland Advisory Council, Advisor, 1999-2001

2. Membership on Community Service Committees and Boards

- Cache Valley Stone Society (curling club); President September 2002-2008; Vice President & League Coordinator 2009-present.
- Cache Valley Unitarian Universalist (CVUU) Church
    - Board President, 2009-2015
    - Committee on Ministry, 2002-2006.
    - Buildings and Grounds Committee, 2006-2008; 2014-present
    - Religious Education Teacher, 2002-2007
    - Youth Program Teacher, 2011-2012; 2013-2014