

Curriculum Vitæ

SCOTT M. SWINTON

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EDUCATION

Ph.D. 1991, Agricultural and Applied Economics, **University of Minnesota**, St. Paul, MN.

M.S. 1983, Agricultural Economics, **Cornell University**, Ithaca, NY.

B.A. 1978, Political Science and Economics, **Swarthmore College**, Swarthmore, PA.

PROFESSIONAL EXPERIENCE

University Distinguished Professor Emeritus (2025 onward), **University Distinguished Professor** (2019-24), **Professor** (2003-19), **Associate professor** (with tenure) (1997-2003) and **Assistant professor** (1991-97), Department of Agricultural, Food and Resource Economics, **Michigan State University**, E. Lansing, MI.

Chairperson (2021-23) and **Associate Chairperson for Graduate Program** (2011-16), Department of Agricultural, Food, and Resource Economics, **Michigan State University**, E. Lansing, MI.

Visiting associate scientist (1999), Department of Production Systems and Natural Resources, **International Potato Center (CIP)**, Lima, Perú.

Research associate, Graduate fellow and **Research assistant** (1987-91), Department of Agricultural and Applied Economics, **University of Minnesota**, St. Paul, MN. .

Research assistant (1987), Department of Agricultural Economics and Rural Sociology, **Auburn University**, Auburn, AL.

Instructor (1983-86), Department of Agricultural Economics, **Purdue University** and Junior Agricultural Economist, Niger Cereals Research Project (NCRP), advising the rural economics department of the Institut National de Recherches Agronomiques du Niger (INRAN), Maradi, Niger.

Graduate fellow, research and teaching assistant (1980-82), Department of Agricultural Economics, **Cornell University**, Ithaca, NY.

Program analyst (1979-80), International Development Office, **Church World Service**, New York, NY.

Editorial intern (1978-79), **Foreign Policy Magazine**, Washington, DC.

English teacher (1977), **International Center for Language Studies**, Bogotá, Colombia.

DISTINCTIONS AND AWARDS

Henry Schapper Visiting Fellow, 2023, University of Western Australia (visited in 2024).

Fellow, Agricultural and Applied Economics Association, 2020.

University Distinguished Professor, 2019 onward, Michigan State University.

President, 2017-18, President-Elect, 2016-17, and Past-President 2018-19, Agricultural and Applied Economics Association (AAEA); previously elected as Director on the AAEA Board, 2012-15.

Outstanding Ph.D. Alumni Award, 2019, University of Minnesota, Dept. of Applied Economics.

William J. Beal Outstanding Faculty Award, 2015, Michigan State University.

Advisor to 13 winners of Outstanding Thesis, MSU Agricultural, Food, and Resource Economics Department (7 M.S. and 6 Ph.D.), including 3 winners of AAEA Outstanding Thesis or Dissertation, Honorable Mention.

Leopold Leadership Fellow, 2008, Woods Institute for the Environment, Stanford University.

Outstanding Research Award, 2009, MSU Agricultural, Food & Resource Economics Department.

Excellence in Service Award, 2008, 2016, 2018 MSU Agricultural, Food & Resource Economics Department.

Outstanding Graduate Student Advising, 2006, MSU Agricultural Economics Department.

Leadership trainee, 2003-04, Michigan Agricultural Experiment Station and USDA ESCOP/ACOP.

Outstanding Paper Published in *Weed Science* in 1997, Weed Science Society of America.

Harald Jensen Award of Excellence, 1991 (Best Ph.D. dissertation), Department of Agricultural and Applied Economics, University of Minnesota.

LANGUAGES

Spanish excellent (speaking, reading and writing).

French proficient (speaking, reading and writing).

Hausa basic (speaking only).

COURSES TAUGHT

Research Design and Writing in Applied Economics (AFRE 891: Special Topics; 3 credits, graduate, 2018-20, 2023-24). Philosophical grounds and economic approaches to making robust arguments. Writing, presentation, and critique of research in applied economics.

Economics of Decision Making in the Agri-Food System (ABM 303; 3 credits, undergraduate, 2016, 2018-20). Managerial economics with applications to agriculture, food, and natural resources.

Applied Microeconomics (AFRE 900A/991, 3 credits, graduate, 2011-14, with C. Garnache, R. Horan, R. Myers, M. Skidmore). Empirical analysis of microeconomic problems emphasizing applications to agriculture, natural resources, and the food sector. Math programming, decision analysis, and econometric tools. Focus on modeling producer and consumer behavior, and decision making under risk.

Agricultural Production Economics (AEC 855, 3 credits, graduate, 1994-98, 2000-10, with J.R. Black). Economic analysis of agricultural production, derived supply and input demand, technological change, technology adoption, and financial and environmental risk. Empirical analysis methods.

Ecological Economics (EEP 255, 3 credits, undergraduate, 2007, 2009). Relationship between the economy and the natural environment. Economic concepts applied to natural resources and ecosystems.

Agricultural Operations Management (AEC 851, 3 credits, graduate, 2003-04, 2006, with S. Harsh and C.A. Wolf). Managerial processes for planning and controlling agricultural firms, including linear programming, budgeting, risk modeling, dynamic programming, management information systems.

Agricultural Firm Management (AEC 851, 3 credits, graduate, 1993-96, 1998 with J.R. Black and G. Schwab). Managerial processes for planning and controlling agricultural firms. Applications of financial concepts, budgets, simulations, and cognitive and information systems to developed and developing countries. Predictive and prescriptive analysis.

Farm Business Management (FSM 330, 3 credits, undergraduate, 1991-98). Management, planning, and control of farm production, marketing, and financial activities. Economic principles, budgeting, and financial statements, utilizing computer spreadsheets and business decision cases.

Independent Studies supervised.

AFRE 890, 2 credits, graduate (2017). "Impact Analysis Using the Economic Surplus Method."

AEC 890, 3 credits, graduate (2011). Curricular practical training at the National Academies of Science.

AEC 890, 1 credit, graduate (2008). "Learning ArcGIS Desktop."

AEC 991, 3 credits, graduate (2007). Curricular practical training at the World Bank.

FSM 490, 2 credits, undergraduate (1998). "Evaluating the Profitability of Precision Agriculture."

ANR 493, 3 credits, undergraduate, (1994, 1997). Summer internships in Michigan agribusinesses.

AEC 890, 3 credits, graduate (1993). "Economics of Agricultural Sustainability."

GRANTS AND CONTRACTS (Summary; see details pp. 57-99)

External awards total \$124,842,000 of which Swinton directly managed \$4,511,000.

Internal total (including MSU AgBioResearch and MSU Extension): Swinton responsible for \$560,000.

PUBLICATIONS

BOOKS

1. National Academies of Sciences, Engineering, and Medicine (NASEM). 2023. [*An Assessment of the Need for Native Seeds and the Capacity for Their Supply*](#). Swinton was a contributing member of the NASEM Committee on an Assessment of Native Seed Needs and Capacities that authored this final report.
2. National Academies of Sciences, Engineering, and Medicine (NASEM). 2020. [*An Assessment of the Need for Native Seeds and the Capacity for Their Supply: Interim Report*](#). Swinton was a contributing member of the NASEM Committee on an Assessment of Native Seed Needs and Capacities that authored the interim report.
3. Institute of Medicine (IOM) and National Research Council (NRC). 2015. [*A Framework for Assessing Effects of the Food System*](#). Washington, DC: National Academies Press. Swinton was a contributing member of the IOM Committee on A Framework for Assessing the Health, Environmental, and Social Effects of the Food System that authored the report.
4. National Research Council (NRC). 2007. [*Status of Pollinators in North America*](#). Washington, DC: National Academies Press. Swinton was a contributing member of the NRC Committee on the Status of Pollinators in North America that authored the report.
5. Shiferaw, B., H.A. Freeman, and S.M. Swinton, eds. 2005. [*Natural Resource Management in Agriculture: Methods for Assessing Economic and Environmental Impacts*](#), London: CABI.
6. Casey, C.F., A. Schmitz, S.M. Swinton, and D. Zilberman, eds. 1999. [*Flexible Incentives for the Adoption of Environmental Technologies in Agriculture*](#), Boston: Kluwer. (Casey and Swinton were lead editors.)
7. Swinton, S.M., ed. 1995. *Teaching and Learning with Cases: Promoting Active Learning in Agriculture, Food and Natural Resource Education*. Proceedings of a workshop held in Chaska, Minnesota, July 6-8, 1995. East Lansing, MI: College of Agriculture and Natural Resources, Michigan State University.

JOURNAL ARTICLES

1. Van Deynze, B.S., S.M. Swinton, D.A. Hennessy, N.M. Haddad, and L.A. Ries. 2024. "[Insecticides, More Than Herbicides, Land Use, and Climate, Are Associated with Declines in Butterfly Species Richness and Abundance in the American Midwest](#)." **PLOS ONE** 19(6): e0304319. (Preprint available at: <https://www.biorxiv.org/content/10.1101/2022.07.29.502042v2>.)
2. Lee, S.W., S.M. Swinton, and G. Bonito. 2024. "[Break-even Yields for Cultivated Morel Mushrooms \(*Morchella* spp.\) in the U.S. North Central Region](#)." **Plants People Planet** 6(4), 829–833.
3. Malone, T., S.M. Swinton, A. Pudasainee, and G. Bonito. 2022. "[Economic Assessment of Morel \(*Morchella* spp.\) Foraging in Michigan, USA](#)." **Economic Botany** 76(1): 1-17.
4. Mooney, D.F., S.M. Swinton, C. Subia, E. Peralta. 2022. "[Returns to Disease Resistance Research when Pest Management is an Option](#)." **Sustainability** 14: #2859.

5. Swinton, S.M. 2022. "[Precision Conservation: Linking Set-aside and Working Lands Policy.](#)" **Applied Economic Perspectives and Policy** 44(3): 1158-1167.
6. Luther, Z.R., S.M. Swinton, and B.S. Van Deynze. 2022. "[Potential Supply of Midwest Cropland for Conversion to In-Field Prairie Strips.](#)" **Land Economics** 98(2): 274-291.
7. Van Deynze, B.S., S.M. Swinton, and D.A. Hennessy. 2022. "[Are Glyphosate-Resistant Weeds a Threat to Conservation Agriculture? Evidence from Tillage Practices in Soybeans.](#)" **American Journal of Agricultural Economics** 104(2): 645-672.
8. Swinton, S.M. 2021. "[Learning about Consumer Demand from Student Surveys.](#)" **Applied Economics Teaching Resources** 3(3): 147-155.
9. Balvanera, P., H. Paz, F. Arreola-Villa, R. Bhaskar, F. Bongers, S. Cortés, E. del Val, E. García-Frapolli, M.E. Gavito, C. González-Esquivel, M. Martínez-Ramos, A. Martínez-Yrizar, F. Mora, J. Naime, N. Pérez-Cárdenas, O. Ugartechea-Salmerón, I. Siddique, I. Suazo-Ortuño, S.M. Swinton. 2021. "[Social ecological dynamics of tropical secondary forests.](#)" **Forest Ecology and Management** 496: #119369.
10. Swinton, S.M. and H. Zhang. 2021. "[Tractable Cubic Cost Functions for Teaching Microeconomics.](#)" **Applied Economics Teaching Resources** 3(2): 19-25.
11. Swinton, S.M., F. Dulys, and S.S.H. Klammer. 2021. "[Why Biomass Residue Is Not as Plentiful as It Looks: Case Study on Economic Supply of Logging Residues.](#)" **Applied Economic Perspectives and Policy** 43(3):1003-1025.
12. Baetsen-Young, A., S.M. Swinton, and M. Chilvers. 2021. "[Economic Impact of Fluopyram-Amended Seed Treatments to Reduce Soybean Yield Loss Associated with Sudden Death Syndrome.](#)" **Plant Disease** 105(1): 78-86.
13. Harrison, S.P., R. Schoen, D. Atcitty, R. Fiegenger, R. Goodhue, K. Havens, C.C. House, R.C. Johnson, E. Leger, V. Lesser, J. Opsomer, N. Shaw, D.E. Soltis, S.M. Swinton, E. Toth, and S.A. Young. 2020. "Preparing for the Need for a Supply of Native Seed." **Ecological Restoration** 38(4): 203-206.
14. Cusser, S., C. Bahlai, S.M. Swinton, G.P. Robertson, N.M. Haddad. 2020. "[Long-term Research Needed to Avoid Spurious Trends in Sustainability Attributes of No-till.](#)" **Global Change Biology** 26(6): 3715-3725.
15. Luther, Z., S.M. Swinton, and B. Van Deynze 2020. "[What Drives Voluntary Adoption of Farming Practices that Can Abate Nutrient Pollution?](#)" **Journal of Soil and Water Conservation** 75(5): 640-650.
16. Finger, R., S.M. Swinton, N. El Benni, and A. Walter, 2019. "[Precision Farming at the Nexus of Agricultural Production and the Environment.](#)" **Annual Review of Resource Economics** 11: 313-335.
17. Dulys-Nusbaum, E., S.S.H. Klammer, and S.M. Swinton. 2019. "[How Willing Are Different Types of Landowner to Supply Hardwood Timber Residues for Bioenergy?](#)" **Biomass and Bioenergy** 122: 45-52.
18. Peralta, A., S.M. Swinton, and S. Jin. 2018. "[The secret to getting ahead is getting started: Early impacts of a rural development project.](#)" **Sustainability** 10(8), 2644.
19. Skevas, T., I. Skevas, and S.M. Swinton. 2018. "[Does spatial dependence affect the intention to make land available for bioenergy crops?](#)" **Journal of Agricultural Economics** 69(2): 393-412.

20. Swinton, S.M. 2018. "[Why Should I Believe Your Applied Economics?](#)" Agricultural and Applied Economics Association 2017 Presidential address. **American Journal of Agricultural Economics** 100(2):381-391.
21. Khanna, M., S.M. Swinton, and K.D. Messer 2018. "[Sustaining our Natural Resources in the Face of Increasing Societal Demands on Agriculture: Directions for Future Research.](#)" **Applied Economics Perspectives and Policy** 40(1):38-59.
22. Palm-Forster, L.H., S.M. Swinton, and R.S. Shupp. 2017. "Farmer preferences for conservation incentives that promote voluntary phosphorus abatement in agricultural watersheds." **Journal of Soil and Water Conservation** 72(5): 493-505.
23. Robertson, G.P., S.K. Hamilton, R.C. Izaurralde, B.E. Dale, R.D. Jackson, J.M. Tiedje, D.A. Landis, S.M. Swinton, K.D. Thelen, B.L. Barham. 2017. "Cellulosic biofuel contributions to a sustainable energy future: choices and outcomes." **Science** 356, 1349. (30 June 2017).
24. Swinton, S.M. and B. Van Deynze. 2017. "Hoes to Herbicides: Economics of Evolving Weed Management in the United States." **European Journal of Development Research** 29(3): 560-574.
25. Swinton, S. M., S. Tanner, B. L. Barham, D. F. Mooney and T. Skevas. 2017. "[How Willing Are Landowners to Supply Land to Grow Bioenergy Crops in the Northern Great Lakes Region?](#)" **Global Change Biology – Bioenergy** 9: 414-428.
26. Kerr, J.M., J. DePinto, D. McGrath, S. Sowa, and S.M. Swinton. 2016. "[Sustainable Management of Great Lakes Watersheds Dominated by Agricultural Land Use.](#)" **Journal of Great Lakes Research** 42(6): 1252-1259.
27. Palm-Forster, L.H., S.M. Swinton, T. Redder, J.V. DePinto, and C. Boles. 2016. "[Using Conservation Auctions Informed by Environmental Performance Models to Reduce Agricultural Nutrient Flows into Lake Erie.](#)" **Journal of Great Lakes Research** 42(6): 1357-1371.
28. Barham, B.L., D. Mooney, and S.M. Swinton. 2016. "[Inconvenient Truths about Landowner \(Un\)Willingness to Grow Bioenergy Crops on Marginal Lands.](#)" **Choices** 31(4).
29. Palm-Forster, L.H., S.M. Swinton, F. Lupi and R.S. Shupp. 2016. "Too Burdensome to Bid: Transaction Costs and Pay-for-Performance Conservation." **American Journal of Agricultural Economics** 98(5): 1314-1333.
30. Garnache, C., S.M. Swinton, J. Herriges, F. Lupi, and J. Stevenson. 2016. "Solving the Phosphorus Pollution Puzzle: Synthesis and Directions for Future Research." **American Journal of Agricultural Economics** 98(5): 1334-1359.
31. Peralta, A. and S.M. Swinton. 2016. "[Food vs. Wood: Dynamic Choices for Kenyan Smallholders.](#)" **Sustainable Agriculture Research** 5(1): 97-108.
32. Skevas, T., S.M. Swinton, S. Tanner, G. Sandford, and K. Thelen. 2016. "[Investment Risk in Bioenergy Crops.](#)" **Global Change Biology – Bioenergy** 8(6): 1162-1177.
33. Skevas, T., N.J. Hayden, S.M. Swinton, and F. Lupi. 2016. "[Landowner Willingness to Supply Marginal Land for Bioenergy Production.](#)" **Land Use Policy** 50: 507-517.

34. Egbendewe-Mondzozo, A., S.M. Swinton, S. Kung, M.W. Post, J.C. Binfield and W. Thompson 2015. "[Bioenergy Supply and Environmental Impacts on Cropland: Insights from Multi-Market Forecasts in a Great Lakes Subregional Bioeconomic Model.](#)" **Applied Economic Perspectives and Policy** 37(4): 602-618.
35. Skevas, T., S.M. Swinton, T.D. Meehan, T. N. Kim, C. Gratton and A. Egbendewe-Mondzozo 2014. "[Integrating Agricultural Pest Biocontrol into Forecasts of Energy Biomass Production.](#)" **Ecological Economics** 106: 195-203.
36. Skevas, T., S.M. Swinton and N.J. Hayden. 2014. "[What Type of Landowner Would Grow Energy Crops?](#)" **Biomass and Bioenergy** 67: 252-259.
37. Robertson, G.P., K.L. Gross, S.K. Hamilton, D.A. Landis, T.M. Schmidt, S.S. Snapp, and S.M. Swinton. 2014. "[Farming for Services: An Ecological Approach to Production Agriculture.](#)" **BioScience** 64(5): 404-415.
38. Kells, B.J. and S.M. Swinton. 2014. "[Profitability of Cellulosic Biomass Production in the Northern Great Lakes Region.](#)" **Agronomy Journal** 106(2): 397-406.
39. Egbendewe-Mondzozo, A., S.M. Swinton, R.C. Izaurralde, D.H. Manowitz and X. Zhang. 2013. "[Maintaining Environmental Quality while Expanding Energy Biomass Production: Sub-regional U.S. Policy Simulations.](#)" **Energy Policy** 57: 518-531.
40. Egbendewe-Mondzozo, A., S.M. Swinton, B.D. Bals and B.E. Dale. 2013. "[Can Dispersed Biomass Processing Protect the Environment and Cover the Bottom Line for Biofuel?](#)" **Environmental Science & Technology** 47(3):1695-1703..
41. Ma, S., S.M. Swinton, F. Lupi, and C.B. Jolejole-Foreman. 2012. "[Farmers' Willingness to Participate in Payment-for-Environmental-Services Programs.](#)" **Journal of Agricultural Economics** 63(3):604-626.
42. Richards, P.D., R.J. Myers, S.M. Swinton and R.T. Walker. 2012. "[Exchange Rates, Soybean Supply Response, and Deforestation in South America.](#)" **Global Environmental Change** 22(2): 454-462.
43. Ma, S. and S.M. Swinton. 2012. "Hedonic Valuation of Farmland Using Sale Prices versus Appraised Values." **Land Economics** 88(1): 1-15.
44. Zhang, W. and S.M. Swinton. 2012. "[Optimal Control of Soybean Aphid in the Presence of Natural Enemies and the Implied Value of Their Ecosystem Services.](#)" **Journal of Environmental Management** 96: 7-16.
45. Egbendewe-Mondzozo, A., S.M. Swinton, R.C. Izaurralde, D.H. Manowitz and X. Zhang. 2011. "[Biomass Supply from Alternative Cellulosic Crops and Crop Residues: A Spatially Explicit Bioeconomic Modeling Approach.](#)" **Biomass and Bioenergy** 35: 4636-4647.
46. Swinton, S.M., B.A. Babcock, L.K. James and V. Bandaru. 2011. "[Higher U.S. Crop Prices Trigger Little Area Expansion so Marginal Land for Biofuel Crops Is Limited.](#)" **Energy Policy** 39: 5254-5258.
47. Ma, S. and S.M. Swinton. 2011. "[Valuation of Ecosystem Services from Rural Landscapes Using Agricultural Land Prices.](#)" **Ecological Economics** 70(9): 1649-1659.
48. Song, F., J. Zhao and S.M. Swinton. 2011. "Switching to Perennial Energy Crops under Uncertainty and Costly Reversibility." **American Journal of Agricultural Economics** 93(3): 768-783.

49. Collins, S. L., S. R. Carpenter, S. M. Swinton, D. Ornstein, D. L. Childers, T. L. Gragson, N. B. Grimm, J. M. Grove, S. L. Harlan, A. K. Knapp, G. P. Kofinas, J. J. Magnuson, W. H. McDowell, J. M. Melack, L. A. Ogden, G. P. Robertson, M. D. Smith, and A. C. Whitmer. 2011. "An Integrated Conceptual Framework for Social-ecological Research." **Frontiers in Ecology and the Environment** 6: 351-357.
50. James, L.K., S.M. Swinton and K.D. Thelen. 2010. "Profitability of Cellulosic Energy Crops Compared with Corn." **Agronomy Journal** 102(2): 675-687.
51. Zhang, W., W. van der Werf and S.M. Swinton. 2010. "Spatially Optimal Habitat Management for Enhancing Natural Control of an Invasive Agricultural Pest: Soybean Aphid." **Resource and Energy Economics** 32: 551-565.
52. Okello, J.J. and S.M. Swinton. 2010. "From Circle of Poison to Circle of Virtue: Pesticides, Export Standards and Kenya's Green Bean Farmers." **Journal of Agricultural Economics** 61(2): 209-224.
53. Jiang, Y. and S.M. Swinton. 2009. "Market Interactions, Farmers' Choices, and the Sustainability of Growing Advanced Biofuels: A Missing Perspective?" **International Journal of Sustainable Development & World Ecology** 16(6): 438-450.
54. Song, F. and S.M. Swinton. 2009. "Returns to Integrated Pest Management Research and Outreach for Soybean Aphid." **Journal of Economic Entomology** 102(6): 2116-2125.
55. Johnson, K.D., M.E. O'Neal, D.W. Ragsdale, C.D. DiFonzo, S.M. Swinton, P.M. Dixon, B.D. Potter, E.W. Hodgson and A.C. Costamagna. 2009. "Probability of Cost-effective Management of Soybean Aphid (Hemiptera: Aphididae) in North America." **Journal of Economic Entomology** 102(6): 2101-2108.
56. Zhang, W. and S.M. Swinton. 2009. "Incorporating Natural Enemies in an Economic Threshold for Dynamically Optimal Pest Management." **Ecological Modelling** 220(9-10): 1315-1324.
57. Landis, D.A., M.M. Gardiner, W. van der Werf, and S.M. Swinton. 2008. "[Increasing Corn for Biofuel Production Reduces Biocontrol Services in Agricultural Landscapes.](#)" **PNAS: Proceedings of the National Academy of Science** 105(51): 20552-20557.
58. Swinton, S.M. 2008. "[Reimagining Farms as Managed Ecosystems.](#)" **Choices** 23(2): 28-31.
59. Labarta, R.A., D.S. White and S.M. Swinton 2008. "Does Charcoal Production Slow Agricultural Expansion into the Peruvian Amazon Rainforest?" **World Development** 36(3): 527-540.
60. Swinton, S.M., F. Lupi, G.P. Robertson and S.K. Hamilton 2007. "Ecosystem Services and Agriculture: Cultivating Agricultural Ecosystems for Diverse Benefits." **Ecological Economics** 64(2): 245-252.
61. Wossink, A. and S.M. Swinton 2007. "Jointness in Production and Farmers' Willingness to Supply Non-marketed Ecosystem Services." **Ecological Economics** 64(2): 297-304.
62. Zhang, W., T.H. Ricketts, C. Kremen, K. Carney, and S.M. Swinton 2007. "Ecosystem Services and Dis-services to Agriculture." **Ecological Economics** 64(2): 253-260.
63. Satriawan, E., and S.M. Swinton 2007. "Does Human Capital Raise Farm or Non-farm Earning More? New Insight from a Rural Pakistan Household Panel." **Agricultural Economics** 36(3): 421-428.

64. Okello, J.J., and S.M. Swinton 2007. "Compliance with International Food Safety Standards in Kenya's Green Bean Industry: Comparison of a Small- and a Large-scale Farm Producing for Export." **Review of Agricultural Economics** 29(2): 269-285.
65. Swinton, S.M., F. Lupi, G.P. Robertson and D.A. Landis 2006. "Ecosystem Services from Agriculture: Looking Beyond the Usual Suspects." **American Journal of Agricultural Economics** 88(5): 1160-1166.
66. Liu, Y., S.M. Swinton, and N.R. Miller 2006. "Is Site-specific Yield Response Consistent over Time? Does it Pay?" **American Journal of Agricultural Economics** 88(2): 471-483.
67. Gebremedhin, B. and S. Swinton 2006. "Determinants of Farmer Perceptions of the Severity and Yield Impact of Soil Erosion in Northern Ethiopia." **Ethiopian Journal of Agricultural Economics** 6(1): 1-15.
68. Swinton, S.M. 2005. "As Ecosystem Services Are Demanded of Agriculture, What of Agricultural Economists?" **Western Economics Forum** 4(2): 21-23.
69. Swinton, S.M. 2005. "Economics of Site-specific Weed Management." **Weed Science** 53(2): 259-263.
70. Robertson, G.P. and S.M. Swinton 2005. "[Reconciling Agricultural Productivity and Environmental Integrity: A Grand Challenge for Agriculture.](http://www.frontiersinecology.org/specialissue/Ecovision-Chinese.pdf)" **Frontiers in Ecology and the Environment** 3(1): 38-46. Chinese translation (pp. 111-123: <http://www.frontiersinecology.org/specialissue/Ecovision-Chinese.pdf>)
71. Snapp, S.S., S.M. Swinton, R. Labarta, D. Mutch, J.R. Black, R. Leep, J. Nyiraneza and K. O'Neil 2005. "Evaluating Cover Crops for Benefits, Costs and Performance within Cropping System Niches." **pro Journal** 97(1): 322-332.
72. Swinton, S.M., G. Escobar and T. Reardon 2003. "Poverty and Environment in Latin America: Concepts, Evidence and Policy Implications." **World Development** 31(11): 1865-1872.
73. Swinton, S.M. and R. Quiroz 2003. "Is Poverty to Blame for Soil, Pasture and Forest Degradation in Peru's Altiplano?" **World Development** 31(11): 1903-1919.
74. Maumbe, B.M. and S.M. Swinton 2003. "Adoption of Cotton I.P.M. in Zimbabwe: The Role of Technology Awareness and Pesticide-related Health Risks." **Journal of Sustainable Development in Africa** 5(2):60-86.
75. Maumbe, B.M. and S.M. Swinton 2003. "Hidden Health Costs of Pesticide Use in Zimbabwe's Smallholder Cotton Growers." **Social Science & Medicine** 57: 1559-1571.
76. Swinton, S.M. and R. Quiroz 2003. "Poverty and the Deterioration of Natural Soil Capital in the Peruvian Altiplano." **Environment, Development and Sustainability** 5: 477-490.
77. Gebremedhin, B. and S.M. Swinton 2003. "Investment in Soil Conservation in Ethiopia: The Role of Land Tenure Security and Public Programs." **Agricultural Economics** 29: 69-84.
78. Bullock, D.G., J. Lowenberg-deBoer and S.M. Swinton 2002. "Adding Value to Spatially Managed Inputs by Understanding Site-specific Yield Response." **Agricultural Economics** 27: 233-245.
79. Swinton, S.M. 2002. "Capturing Household-level Spatial Influence in Agricultural Management using Random Effects Regression." **Agricultural Economics** 27: 371-381.

80. Swinton, S.M., K.A. Renner and J.J. Kells 2002. "On-Farm Comparison of Three Postemergence Weed Management Decision Aids in Michigan." **Weed Technology** 16(3): 691-698.
81. Swinton, S.M. 2001. "Strategies for Sustainable Development of Less-Favored Areas: Discussion." **American Journal of Agricultural Economics** 83(5): 1241-1242.
82. Swinton, S.M. 2001. "More Avenues for Boosting Agricultural Productivity than Just Biotechnology." **Environment and Development Economics** 6(4): 525-527.
83. Swinton, S.M. and S.S. Batie 2001. "[EQPA: Pouring Out \(In?\) the Risk Cup.](#)" **Choices** 16(1): 14-17.
84. Bernet, T., O. Ortiz, R.D. Estrada, R. Quiroz and S. Swinton. 2001. "Tailoring Agricultural Extension to Different Production Contexts: A User-Friendly Farm-Household Model to Improve Decision-Making for Participatory Research." **Agricultural Systems** 69: 183-198.
85. Gebremedhin, B. and S.M. Swinton 2000. "Reconciling Food-for-Work Project Feasibility with Food Aid Targeting in Tigray, Ethiopia." **Food Policy** 26(1): 85-95.
86. Gebremedhin, B. and S. Swinton. 2000. "Reconciling Food-For-Work Objectives: Resource Conservation vs. Food Aid Targeting in Tigray, Ethiopia." **Ethiopian Journal of Agricultural Economics** 4(1): 51-71.
87. Renner, K.A., S.M. Swinton and J.J. Kells 1999. "Adaptation and Evaluation of the *WEEDSIM* Weed Management Model for Michigan." **Weed Science** 47: 338-348.
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BOOK REVIEWS

1. Swinton, S.M. 2010. Book review: “*Payment for Environmental Services in Agricultural Landscapes: Economic Policies and Poverty Reduction in Developing Countries.*” **European Review of Agricultural Economics** 37: 426-428.
2. Swinton, S.M. 2007. Book review: “*Slash-and-Burn Agriculture: The Search for Alternatives.*” **Economic Development and Cultural Change** 56(1): 234-236.

BOOK CHAPTERS

1. Swinton, S.M. 2024. “[Payments for Ecosystem Services Where Spatial Configuration and Scale Matter.](#)” In Lundgren, T., Bostian, M., Managi, S., eds. ***Encyclopedia of Energy, Natural Resource, and Environmental Economics***, 2nd ed. Elsevier. Vol. 3, pages 44-51.
2. Robertson, G.P., K.L. Gross, S.K. Hamilton, D.A. Landis, T.M. Schmidt, S.S. Snapp, and S.M. Swinton. 2015. “Farming for Services: An Ecological Approach to Production Agriculture.” Chapter 2 in S.K. Hamilton, J.E. Doll and G.P. Robertson, eds., **[The Ecology of Agricultural Landscapes: Long-term Research on the Path to Sustainability](#)**. New York: Oxford. Pages 33-53.
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26. Wachenheim, C.J., S.M. Swinton, and J.R. Black 1995. "When the Cows Come Home." In S.M. Swinton, ed., *Teaching and Learning with Cases: Promoting Active Learning in Agricultural, Food and Natural Resources Education*. East Lansing, MI: College of Agriculture and Natural Resources, Michigan State University. Pages 131-139.

WORKING PAPERS

García, V., S.M. Swinton, and R. Finger. 2024. "Agricultural policy uncertainty in Europe and investment decisions." (Revise and resubmit 12/24.) *American Journal of Agricultural Economics*.

Ayesh, A. and S.M. Swinton. 2024. "Lemon Technologies and Farmer Learning: Discerning Bt Genetic Efficacy in the Face of Poor Quality Seed and Resistant Pests." (Submitted 10/24.)

Loduca, N. and S.M. Swinton. 2024. "Farmer Risk Aversion to Changing Weather."

Loduca, N. and S.M. Swinton. 2024. "The Influence of Farmers' Risk Preferences and Crop Yield Beliefs on Climate Change Adaptation Decisions."

Lee, S.W. and S.M. Swinton. 2024. "Comparing Profitability of Variable Rate Nitrogen Prescription Methods."

Lee, S.W. and S.M. Swinton. 2024. "Opportunity Cost of Precision Conservation."

Lee, S.W. and S.M. Swinton. 2024. "Impact of policy shifts on wind turbine deployment on farmland."

Loduca, N. and S.M. Swinton. 2022. "Risk Preference and Subjective Probability Literature Underpinning Farmer Decisions on Climate Change Adaptation."

BULLETINS AND MONOGRAPHS

1. Drobnak, R., F. Baziari, S. Swinton, C. Charles, B. Wilke, E. Schultheis, J. LaPorte, C. Sprunger, J. Tyndall, M. Gammans, and J. Doll. 2024. [Budgeting for Prairie Strips](#). Michigan State University Extension. Hickory Corners, MI.
2. Hennessy, D., C.Q. Lu, S. Swinton, and B. Van Deynze 2022. ["The Tillage Input: Technical Change, Markets, and Policy."](#) *Agricultural Policy Review*, Iowa State University, pp. 14-17.
3. Iovanna, R., A. Ando, S. Swinton, J. Kagan, D. Hellerstein, D. Mushet, C. Otto. 2017. [Assessing Pollinator Habitat Services to Optimize Conservation Programs](#). Council on Food, Agricultural, and Resource Economics (C-FARE) Report No. 0114-301b. Washington, DC.
4. *James, L.K., S.M. Swinton and D. Pennington. 2009. [Profitability of Converting to Biofuel Crops](#). Extension Bulletin E-3084, Michigan State University Extension, E. Lansing, MI.
5. Pitoro, R., T. Walker, D. Tschirley, S. Swinton, D. Boughton and H. De Marrule. 2009. [Prospects for Bt Cotton in Mozambique](#). Research Report No. 5E, Directorate of Training, Documentation and Technology Transfer, Institute of Agricultural Research of Mozambique (IIAM). Maputo.
6. *Collins, S.L., S.M. Swinton et al. 2007. ***Integrative Science for Society and Environment: A Strategic Research Initiative***. LTER Network Office Publication #23. U.S. Long Term Ecological Research Network.
7. Subía, C., E. Peralta, E. Falconí, J. Pinzón, D. Mooney, and S. Swinton. 2007. ***Diagnóstico sobre el cultivo de fréjol arbustivo y el uso de pesticidas en el sistema de producción, en los valles del Chota y Mira, Provincias Imbabura y Carchi, Ecuador, 2000-2005***. Publicación miscelánea No. 138. Programa Nacional de Leguminosas y Granos Andinos, Instituto Nacional Autónomo de Investigaciones Agropecuarias (INIAP), Quito, Ecuador.
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9. *Edson, C., S. Swinton, J. Nugent, G. Bird, A. Coombs, and D. Epstein 2003. ***Cherry Orchard Floor Management: Opportunities to Improve Profit and Stewardship***. MSU Extension Bulletin E-2890. East Lansing, MI: Michigan State University.
- 10.*Swinton, S.M. and E. Day 2003. "Economics in the Design, Assessment, Adoption, and Policy Analysis of Integrated Pest Management." Chapter 12 in K. Barker, ed., ***Integrated Pest Management: Current and Future Strategies***. Task Force Report No. 140. Ames, IA: Council for Agricultural Science and Technology. Pages 198-208.
- 11.*Westra, P. and S.M. Swinton 2003. "New and Emerging Technologies." Chapter 3 in K. Barker, ed., ***Integrated Pest Management: Current and Future Strategies***. Task Force Report No. 140. Ames, IA: Council for Agricultural Science and Technology. Pages 82-91.

- 12.*Landis, J.N., J.E. Sanchez, G.W. Bird, C.E. Edson, R. Isaacs, R.H. Lehnert, A.C. Schilder, and S.M. Swinton (eds.) 2002. ***Fruit Crop Ecology and Management***. MSU Extension Bulletin E-2759. East Lansing, MI: Michigan State University.
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14. *Walker, T., S. Swinton, R. Hijmans, R. Quiroz, R. Valdivia, M. Holle, C. Leon-Velarde, and J. Posner 2000. "Technologies for Sustainable Development of the Tropical Andes." In J. Pender and P. Hazell, eds. ***Promoting Sustainable Development in Less-Favored Areas. 2020 Focus 4***. International Food Policy Research Institute, Washington, DC.
15. *Swinton, S.M. and J. Lowenberg-DeBoer 1999. "Profitability of Site-Specific Farming." **Site-Specific Management Guideline SSMG-3**. Phosphate and Potash Institute.
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17. *Van Ee, G., R. Ledebuhr, A. Jones, J. Flore, R. Perry, P. Schwallier, and S. Swinton 1998. "Improved Application Technology for High-density, Compact Fruit Crops." **Special Research Report 96**. Michigan Agricultural Experiment Station, E. Lansing, MI.
18. *Pierce, F.J., D.D. Warncke and S.M. Swinton 1998. "Evaluation of Site-Specific Management Technology for Sustaining and Enhancing Michigan Agriculture." **Special Research Report 99**. Michigan Agricultural Experiment Station, E. Lansing, MI.
19. *Swinton, S.M. and E. Scorsone 1997. "Short-term Costs and Returns to Michigan Apple, Blueberry, and Tart Cherry Enterprises with Reduced Pesticide Availability." **Research Report 551**. Michigan Agricultural Experiment Station, E. Lansing, MI.
20. *Owens, N.N., S.M. Swinton, and E.O. van Ravenswaay 1997. "Farmer Demand for Safer Herbicides: Survey Methods and Descriptive Results." **Research Report 547**. Michigan Agricultural Experiment Station, E. Lansing, MI.
21. *Swinton, S., J. Sterns, K. Renner, and J. Kells 1994. "Estimating Weed-Crop Interference Parameters for Weed Management Models." **Research Report 538**, Michigan Agricultural Experiment Station, E. Lansing, MI.
22. *Landis, D. and S. Swinton 1994. "Corn Insect Management in Michigan: Results of a 1992 Field Corn Grower Survey." **Research Report 537**, Michigan Agricultural Experiment Station, E. Lansing, MI.
23. Engle, C.R.; U. Hatch; S. Swinton; and T. Thorpe 1989. "Marketing Alternatives for East Alabama Catfish Producers." **Alabama Agricultural Experiment Station Bulletin 596**, Auburn University, AL.
24. Swinton, S. 1983. "Peasant Farming Practices and Off-Farm Employment in Puebla, Mexico." **Cornell International Agriculture Mimeograph**, No. 99. Cornell University, Ithaca, NY.

INVITED SEMINAR PRESENTATIONS

- 2024: University of Western Australia
 2024: Australasian Agricultural and Resource Economics Society
 2021: U.S. Department of Agriculture: Office of Pesticide Management Programs
 2018: Australasian Agricultural and Resource Economics Society
 2017: Ohio State University, Dept. of Agricultural, Environmental, and Development Economics.
 2017: Colby College, Dept. of Economics
 2016: Purdue University, Dept of Agricultural Economics
 2016: Iowa State University, Dept. of Economics
 2015: National Academies of Science: Board on Agriculture and Natural Resources
 2015: U.S. Department of Agriculture (USDA), National Institute for Food and Agriculture (Webinar)
 2015: USDA Office of Environmental Markets *Economic Valuation of Conservation-based Ecosystem Services*
 2014: University of Illinois, iSEE Congress on *Feeding 9 Billion: A Path to Sustainable Agriculture*.
 2014: University of California at Berkeley. *Berkeley Bioeconomy Conference*.
 2012: Virginia Tech University. Dept. of Agricultural and Applied Economics
 2012: U.S.D.A National Institute for Food and Agriculture (Webinar)
 2012: Hiram College. Center for Deciphering Life's Languages.
 2012: Institute of Medicine (National Academies of Science). *Exploring the True Cost of Food: A Workshop*.
 2012: University of California at Berkeley. *Berkeley Bioeconomy Conference*.
 2011: Ohio State University. Dept. of Agricultural, Environmental and Development Economics.
 2011: USDA Organic Farming Systems Research Conference
 2011: Michigan Soil and Water Conservation Society.
 2011: Bay College. *Agriculture for Tomorrow* workshop.
 2010: Institute of Public Utilities. *From Coal to Clean: The Potential Role of Biomass in Utility Resource Portfolios*
 2010: Hope College. Depts. of Biology and Management
 2010: University of Wisconsin Bioenergy Institute. (Videoconference)
 2010: American Forestry Foundation. *Ecosystem Markets: Making Them Work* Raleigh-Durham, NC.
 2010-13: Universidad Nacional Autónoma de México - Morelia. (Videoconference talks in Spanish)
 2010: USDA Economists Group. Washington, DC.
 2010: National Science Foundation. Long-term Ecological Research Mini-symposium. Arlington, VA.
 2010: University of Wisconsin. Wisconsin Grasslands Bioenergy Symposium.
 2010: University of Wisconsin. Dept. of Forest Ecology.
 2009: Iowa State University & MSU Extension. *Growing the Bioeconomy: Solutions for Sustainability*. (Webcast)
 2009: State of Illinois. *Governor's Conference on the Management of the Illinois River System*.
 2009: Universidad de Michoacán en Uruápan. *Simposio de Valuación Rural* (in Spanish).
 2009: Northwestern University. Institute for Sustainable Practices Sustainability Seminar
 2009: International Food Policy Research Institute (IFPRI).
 2009: North Carolina State University. *Workshop on Genetic Manipulation of Pest Species*
 2009: USDA Agricultural Outlook Forum.
 2008: Ecology Society of America and Council on Food, Agricultural and Resource Economics (Webcast)
 2008: University of Georgia. Webcast
 2006: University of Guelph, Ontario Agricultural College
 2005: Brown University. *Workshop on Changes, Livelihoods and Policy through Village Level Studies*.
 2004: Western Michigan University. Dept of Economics
 2002: U.S. Agency for International Development, Washington, DC
 2001: American Farmland Trust, World Wildlife Fund-U.S., and Winrock International. *Midwest Commodities and the Environment Workshop*.
 2001: Wageningen University, 2001.
 2001: Institut National de Recherche Agronomique (INRA). Economic and Social Research, Montpellier (French)

2001: Universidad de Talca, 2001. College of Agriculture (in Spanish)
 1999, 2000: International Potato Center, Lima, Peru
 1998: Arkansas State University, Jonesboro, AR
 1995: Mekelle University College, Mekelle, Ethiopia
 1994: University of Minnesota, Department of Agricultural and Applied Economics
 1991: Louisiana State University, Michigan State University
 1990: Iowa State University
 1983, 1986: Purdue University
 1981: Colegio de Postgraduados, Chapingo, Mexico (in Spanish)

PROFESSIONAL CONFERENCE ORAL PRESENTATIONS

Lee, S.W. and S.M. Swinton. 2024. "Opportunity Cost of Precision Conservation." Track session on *Economics of Precision Conservation* of ENV and Econometrics sections at Agricultural and Applied Economics Association (AAEA) annual meeting, New Orleans, LA, July 28-30, 2024.

Lee, S.W. and S.M. Swinton. 2024. "Comparing Profitability of Variable Rate Nitrogen Prescription Methods." Lightning session. Agricultural and Applied Economics Association (AAEA) annual meeting, New Orleans, LA, July 28-30, 2024.

Loduca, N. and S.M. Swinton 2024. "Farmers' Risk Preferences, Crop Yield Beliefs, and the Influence of Adaptation on Adoption Decisions." Track session on *Risk in Agricultural Production* of Applied Risk Analysis and Agricultural Finance and Management sections at Agricultural and Applied Economics Association (AAEA) annual meeting, New Orleans, LA, July 28-30, 2024.

Swinton, S.M. 2024. Organized Symposium on "Reflecting on Key Dimensions of the Interdisciplinary Research Process," Agricultural and Applied Economics Association annual meeting, New Orleans, LA, July 29, 2024.

Lee, S.W. and S.M. Swinton 2024. "Opportunity Cost of Precision Conservation." 16th International Conference on Precision Agriculture. Manhattan, KS, USA. July 21-24, 2024.

Lee, S.W. and S.M. Swinton 2024. "Comparing Profitability of Variable Rate Nitrogen Prescriptions." 16th International Conference on Precision Agriculture. Manhattan, KS, USA. July 21-24, 2024.

Ayesh, A. and S.M. Swinton. 2024. "Does a Lemon Technology for Pest Control Act as a Substitute for Insecticides?" Selected paper oral presentation at the Canadian Agricultural Economics Society annual meeting, Winnipeg, July 7-9, 2024.

Loduca, N. and S.M. Swinton* 2024. "Measuring Farmer Risk Aversion and Its Effect on Perceived Crop Yield Distributions." University of Western Australia, Perth, Australia. Feb. 16, 2024.

Lee, S.W. and S.M. Swinton* 2024. "Precision Conservation Agriculture: Private Costs, Environmental Benefits, Potential Policy." University of Western Australia, Perth, Australia. Feb. 13, 2024.

Loduca, N. and S.M. Swinton* 2024. "How Farmer Risk Preferences Shape Perceptions of Changing Crop Yield Distributions that Influence Climate Change Adaptation." AAEA session on *Climate Change*, Australasian Agricultural and Resource Economics Society annual meeting, Canberra, Australia, Feb. 6-9, 2024. (Invited.)

Swinton, S.M. 2021. "Precision Conservation in Arable Crop Systems." Keynote presentation live, online at *Symposium on Agri-Tech Economics for Sustainable Futures*, hosted by Harper-Adams University, Newport, Shropshire, UK, September 21, 2021. [Abstract here](#) (p. 144).

Swinton, S.M. 2021. "Precision Conservation: Linking Set-aside and Working Lands Policy." Oral presentation at post-conference workshop on *Food for Thought: Economic Analysis in Anticipation of the Next Farm Bill* at the Agricultural and Applied Economics Association annual meeting, Austin, TX, August 4, 2021.

Swinton, S.M., F. Dulys, and S.S.H. Klammer. 2021. "Why Biomass Residue Is Not as Plentiful as It Looks: Case Study on Economic Supply of Logging Residues." Oral presentation in ENV track session on *Biofuel Supply, Renewable Fuels Policy, and Agricultural Markets* at the Agricultural and Applied Economics Association annual meeting, Austin, TX, August 2, 2021.

Swinton, S.M.. 2020 "Opportunity Cost of Bioenergy Feedstocks." Presentation at Organized Symposium on [Economic and Environmental Implications of Biofuels](#), Agricultural and Applied Economics Association virtual annual meeting, August 17, 2020.

Ayesh, A. and S.M. Swinton. 2020. "Does a Lemon Technology for Pest Control Act as a Substitute for Insecticides?" Selected paper oral presentation at the Agricultural and Applied Economics Association virtual annual meeting, August 10-11, 2020.

Luther, Z., S.M. Swinton, and B. Van Deynze 2019. "What Incentives Are Needed to Encourage Farmers to Plant Biodiversity-Promoting Prairie Strips?" Presentation at Energy and Environmental Economics Day, Michigan State University, East Lansing, MI, August 20, 2019. Also presented at 11th Heartland Environmental and Resource Economics workshop, University of Illinois, Sept. 28-29, 2019, and at 2nd Annual Sustainability and Development Conference, University of Michigan, Oct. 11-14, 2019.

Swinton, S.M., F. Dulys, and S. Klammer. 2019. "Why Biomass Residue Is Not as Cheap as It Looks: Case Study on Economic Supply of Timber Residues." Presentation at Energy and Environmental Economics Day, Michigan State University, East Lansing, MI, August 20, 2019.

Luther, Z., S.M. Swinton, and B. Van Deynze 2019. "What Drives Voluntary Adoption of Farming Practices that Can Abate Nutrient Pollution?" Selected paper oral presentation at the Agricultural and Applied Economics Association annual meeting, Atlanta, GA, July 21-23, 2019.

Van Deynze, B., S.M. Swinton, and L. Ries 2019. "The Butterfly Effect: Do Farms Do Harm?" Selected paper oral presentation at the Agricultural and Applied Economics Association annual meeting, Atlanta, GA, July 21-23, 2019. Also presented at 11th Heartland Environmental and Resource Economics workshop, University of Illinois, Sept. 28-29, 2019.

Swinton, S.M. 2019. "Inclusivity and the AAEE." Panelist presentation at the International Consortium on Applied Bioeconomy Research 23rd annual conference, Ravello, Italy, June 4-7, 2019.

Van Deynze, B., S.M. Swinton*, and D.A. Hennessy 2019. "How Are U.S. Soybean Farmers Responding to Glyphosate-Resistant Weeds, and What Are the Environmental Consequences?" Oral presentation at preconference on *Alternative Governance Structures for Sustainable Use of Biotechnology*, International Consortium on Applied Bioeconomy Research 23rd annual conference, Ravello, Italy, June 4-7, 2019.

- Haddad*, N. and S.M. Swinton*. 2019. "Team Research on Prairie Strips in Crop Fields: The Ecological Benefits They Offer and Whether Farmers Would Want to Plant Them." Science of Team Science (SciTS) 2019 Conference, Lansing, MI, May 20-23, 2019.
- Van Deynze, B., S.M. Swinton, and D.A. Hennessy 2018. "[Are Glyphosate-Resistant Weeds a Threat to Conservation Agriculture? Evidence from Tillage Practices in Soybean](#)." Selected paper presented at the Agricultural and Applied Economics Association annual meeting. Washington, DC, August 5-7, 2018.
- Swinton, S.M. 2018. "Matching Analytic Methods to Compelling Arguments in Applied Economics." Invited presentation at the Australasian Agricultural and Resource Economics Society annual meeting, Adelaide, South Australia, Feb. 9, 2018.
- Skevas, T., I. Skevas, and S.M. Swinton. 2017. "Does spatial dependence affect the decision to make land available for bioenergy crops?" Contributed paper. XV Congress of the European Association of Agricultural Economists, Parma, Italy, Aug. 29 – Sep. 1, 2017.
- Van Deynze, B. and S. Swinton. 2017. "Information, Attitudes, and Values: Drivers of Stewardship Practice Adoption in the Eastern Corn Belt." Presentation at Energy and Environmental Economics Day, University of Michigan, Ann Arbor, MI, August 23, 2017.
- Swinton, S.M. 2017. "Why Should I Believe Your Applied Economics?" Presidential address to the Agricultural and Applied Economics Association annual meeting, Chicago, IL, July 31, 2017.
- Swinton, S.M., M. Khanna, and K.D. Messer. 2017. "A Bend in the River: New Directions for Water Quality Research." Presentation at the ENV Track Session on *Water Quality Degradation and Market-Based Solutions*, Agricultural and Applied Economics Association annual meeting, Chicago, IL, Aug. 1, 2017.
- Swinton, S.M. 2017. "Writing Effectively and Efficiently." Presentation at the CWAE/COSBAE Track Session on *Strategies for Writing Productivity and Publishing Success*, Agricultural and Applied Economics Association annual meeting, Chicago, IL, July 31, 2017.
- Dulys-Nusbaum, E., S. Klammer, and S.M. Swinton. 2016. "What Drives the Potential Supply of Timber Residues from Private Lands in the Northern Tier of the Great Lakes?" Selected paper. Agricultural and Applied Economics Association annual meeting, Boston, MA, July 31-Aug. 2, 2016. <http://purl.umn.edu/242363>.
- Peralta, A. and S.M. Swinton. 2016. "Spatial Spillover effect in the Adoption of Conservation Agriculture in Nicaragua." Selected paper. Annual meeting of the Australian Agricultural and Resource Economics Society. Canberra, Australia, Feb. 1-5, 2016.
- Garnache, C., S.M. Swinton, J. Herriges, F. Lupi, and J. Stevenson. 2016. "Solving the phosphorus pollution puzzle: Synthesis and directions for future research." Invited paper. Allied Social Sciences Associations: Agricultural and Applied Economics Association annual meeting, San Francisco, CA, Jan. 3-5, 2016. <http://purl.umn.edu/212841>.
- Palm-Forster, L.H., S.M. Swinton, F. Lupi and R.S. Shupp. 2016. "Too Burdensome to Bid: Transaction Costs and Pay-for-Performance Conservation." Invited paper. Allied Social Sciences Associations: Agricultural and Applied Economics Association annual meeting, San Francisco, CA, Jan. 3-5, 2016. <http://purl.umn.edu/212816>.

- Swinton, S.M. 2015. "Food-Energy-Water Nexus: Synthesis." Invited provocateur synthesis. International workshop on *Food, Energy, Water and Abundance: Improving Cross-Border Governance and Protection of the Great Waters of the World*, Michigan State University, East Lansing, MI. November 12, 2015.
- Tanner, S. and S.M. Swinton. 2015. "Biomass Supply on Marginal Lands in Northern Michigan and Wisconsin." Presentation at MSU/UM/WMU Energy and Environmental Economics Day, University of Michigan, Ann Arbor, MI, Aug. 27, 2015.
- Skevas, T., S.M. Swinton, S. Tanner, G. Sandford, and K. Thelen 2015. "Investment Risk in Bioenergy Crops." Selected paper. Agricultural and Applied Economics Association annual meeting, San Francisco, CA, July 26-28, 2015. <http://purl.umn.edu/205440>.
- Swinton, S.M., A. Egbendewe-Mondzozo, S. Kang, M.W. Post, W. Thompson and J.C. Binfield 2015. "Integrating Biogeochemical and Price Forecasting Models to Predict Bioenergy Crop Supply and Environmental Impacts." *Innovations in Collaborative Modeling Conference*, Michigan State University, E. Lansing, MI, June 4, 2015.
- Palm-Forster, L.H., S.M. Swinton, R.S. Shupp, F. Lupi, T. Redder and J. DePinto. 2015. "Linking Ecological and Economic Models that Support Conservation Auctions to Reduce Harmful Algal Blooms in Lake Erie." *Innovations in Collaborative Modeling Conference*, Michigan State University, E. Lansing, MI, June 4, 2015.
- Swinton, S.M. 2014. "Economic challenges for Arthropod-based Ecosystem Services: Habitat Cost and Efficacy Risk." Entomological Society of America Symposium: *Entomology's Role in Sustaining Ecosystem Services in Agroecosystems*, Portland, OR, November 19, 2014.
- Harris, L.M., S.M. Swinton, and R.S. Shupp. 2014. "Experimental Auctions to Evaluate Incentives for Cost-Effective Agricultural Phosphorus Abatement in the Great Lakes." Selected paper. Agricultural and Applied Economics Association annual meeting, Minneapolis, MN, July 27-29, 2014. <http://purl.umn.edu/170287>.
- Song, F., J. Zhao and S.M. Swinton 2014. "The Effects of Land Use Subsidies on Land Use for Energy Crops: Real Options and Costly Reversibility." Invited paper. Agricultural and Applied Economics Association annual meeting, Minneapolis, MN, July 27-29, 2014.
- Swinton, S.M. 2013. "Agriculture as User and Provider of Ecosystem Services." ASA-CSSA-SSSA Symposium: *Ecosystem Services from Conservation Management: Identifying Knowledge Gaps and Research Needs*. Tampa, FL, Nov. 5, 2013. ([Audio](#); [PDF](#).)
- Swinton, S.M. 2013. "How to Design Incentives for Ecosystem Services Produced in Bundles?" Organized Symposium on "Working Ecosystems: Challenges for Economic Research," Agricultural and Applied Economics Association annual meeting, Washington, DC, August 4-6, 2013.
- Swinton, S.M. 2013. "Whither Bioenergy Economics amid Energy Transitions?" ENV track session on "Bioenergy Policy amid Missing Markets, Changing Technology and Environmental Trade-offs," Agricultural and Applied Economics Association annual meeting, Washington, DC, August 4-6, 2013.
- Peralta, M.A. and S.M. Swinton. 2013. "Impact Assessment with Opt-in- Treatments: Evidence from a rural development project in Nicaragua." Selected paper. Agricultural and Applied Economics Association annual meeting, Washington, DC, August 4-6, 2013. <http://purl.umn.edu/150988>.

- Harris, L.M. and S.M. Swinton. 2013. "Going Once, Going Twice, Bought from the Lowest Bidder! Evaluating Incentives for Crop Farmers to Provide Aquatic Ecosystem Benefits." 5th National Conference on Ecosystem Restoration, Chicago, July 29-31, 2013.
- Egbedewe-Mondzozo, A., S.M. Swinton, R.C. Izaurralde, D.H. Manowitz and X. Zhang. 2012. "Maintaining Environmental Quality while Expanding Energy Biomass Production: Policy Simulations from Michigan, USA." Contributed paper. 28th Conference of the International Association of Agricultural Economists (IAAE), Foz do Iguaçu, Brazil, August 18-24, 2012. <http://purl.umn.edu/126749>.
- Reeling, C.J., A. Weir, and S.M. Swinton. 2012. "A comparative breakeven net return threshold to guide development of conservation technologies with application to perennial wheat." Selected paper. Agricultural and Applied Economics Association annual meeting, Seattle, WA, August 12-14, 2012. <http://purl.umn.edu/124723>.
- Swinton, S.M., C.J. Reeling, and A. Weir. 2012. "What Would It Take for Perennial Wheat to Become Profitable?" Perennial Wheat Field Day, Kellogg Biological Station, Hickory Corners, MI, June 27, 2012.
- Egbedewe-Mondzozo, A., S.M. Swinton, R.C. Izaurralde, D.H. Manowitz and X. Zhang. 2011. "Biomass Supply from Alternative Cellulosic Crops and Crop Residues: A Spatial Bioeconomic Modeling Approach" Organized oral session 46: Modeling Bioenergy Production Impacts across Scales: Implications for Environmental Sustainability. Ecological Society of America annual meeting, Austin, TX, August 7-12, 2011.
- Ma, S., S.M. Swinton, F. Lupi and C. Jolejole-Foreman. 2011. "What Makes Farmers Willing to Participate in Payment-for-Environmental Services Programs?" Selected paper. Northeastern Agricultural and Resource Economics Association annual meeting, Pittsburgh, PA, July 24-26, 2011.
- Zhang, W., S.M. Swinton, A. Egbedewe-Mondzozo, W. van der Werf and F. Bianchi. 2011. "Spatially Optimal Habitat Land Use Management for Natural Pest Control Ecosystem Services in Agricultural Landscapes." Selected paper. Northeastern Agricultural and Resource Economics Association annual meeting, Pittsburgh, PA, July 24-26, 2011.
- Ma, S., F. Lupi, S.M. Swinton, and H. Chen. 2011. "Modeling Certainty-Adjusted Willingness to Pay for Ecosystem Service Improvement from Agriculture." Selected paper. Agricultural and Applied Economics Association annual meeting, Pittsburgh, PA, July 24-26, 2011. <http://purl.umn.edu/103734>.
- Weir, A. and S.M. Swinton. 2011. "Economic Analysis for Adoptability of Perennial Wheat." Perennial Grain meeting. Kellogg Biological Station, MSU, Hickory Corners, MI, July 11-12, 2011.
- Egbedewe-Mondzozo, A., S.M. Swinton, R.C. Izaurralde, D.H. Manowitz and X. Zhang. 2011. "Environmental Consequences and Value of Expanded Energy Biomass Production." U.S. Society for Ecological Economics biennial meeting, East Lansing, MI, June 26-29, 2011.
- Swinton, S.M. 2011. "What Drives the Supply of Crop Biomass for Energy?" U.S. Society for Ecological Economics biennial meeting, East Lansing, MI, June 26-29, 2011.
- Ma, S. and S.M. Swinton. 2011. "Valuation of Ecosystem Services from Rural Landscapes Using Agricultural Land Prices." U.S. Society for Ecological Economics biennial meeting, East Lansing, MI, June 26-29, 2011.
- Peralta, M.A., S.M. Swinton and M. Maredia. 2011. "Accounting for selection bias from baseline data collection: An example from the Agriculture for Basic Needs project in Nicaragua." Selected paper for Mind The Gap Conference on Impact Evaluation 2011, Cuernavaca, Mexico, June 15-17, 2011.

Zhang, W., S.M. Swinton, A. Egbendewe-Mondzozo, W. van der Werf and F. Bianchi. 2011. "Habitat Management to Enhance Natural Pest Control Ecosystem Services at the Landscape Scale: a Spatial Land Use Optimization Approach." Selected paper. Association of Environmental and Resource Economists Summer Conference, Seattle, June 8-10, 2011.

Swinton, S.M. "Issues in Design of a Sustainability Index." Great Lakes Bioenergy Research Center (GLBRC) All Scientists Meeting, South Bend, IN, May 17-19, 2011.

Swinton, S.M. "Integrated Bioeconomic Modeling of Ecosystem Services from Crop Landscapes." Modeling workshop, Environmental Science and Policy Program, Michigan State University, East Lansing MI, Mar. 29, 2011.

Swinton, S.M. "Sustainability Indexes." Great Lakes Bioenergy Research Center (GLBRC) Sustainability Thrust retreat, Hickory Corners, MI, Feb. 6-8, 2011.

Swinton, S.M. and L.K. James. 2010. "Break-even Biomass Price and Yield for Conversion from Corn to Cellulosic Energy Crops in Michigan." Organized symposium presentation. Agricultural and Applied Economics Association annual meeting, Denver, CO, July 25-27, 2010.

Ma, S., S.M. Swinton, F. Lupi and C. Jolejole 2010. "Why Farmers Opt Not to Enroll in Payment-for-Environmental-Services Programs." Selected paper. Agricultural and Applied Economics Association annual meeting, Denver, CO, July 25-27, 2010. (<http://purl.umn.edu/61392>)

Ma, S., and S.M. Swinton 2010. "Hedonic Valuation of Farmland Using Sale Prices Versus Appraised Values." Selected paper, AERE session. Agricultural and Applied Economics Association annual meeting, Denver, CO, July 25-27, 2010.

Song, F., J. Zhao and S.M. Swinton 2010. "Alternative Land Use Policies: Real Options with Costly Reversibility." Selected paper. Agricultural and Applied Economics Association annual meeting, Denver, CO, July 25-27, 2010. (<http://purl.umn.edu/61510>)

Swinton, S.M. and L.K. James. 2010. "What Makes Land Marginal for Agriculture?" Invited presentation at concurrent session on *Marginal Lands: Where, Why and to Whom?* at the Great Lakes Bioenergy Research Center (GLBRC) All Scientists Meeting, South Bend, IN, May 17-19, 2010.

Swinton, S.M. 2010. "Scale Issues for Economic Analysis of Sustainable Biofuel Landscapes" Invited presentation at concurrent session on *Model Coordination and Scaling cross Models* at the Great Lakes Bioenergy Research Center (GLBRC) All Scientists Meeting, South Bend, IN, May 17-19, 2010.

Jolejole, M.C.B., S.M. Swinton, G.P. Robertson, and S.P. Syswerda 2009. "Profitability and Environmental Stewardship for Row Crop Production: Are There Trade-offs?" Contributed Paper presented at the International Association of Agricultural Economists Conference, Beijing, China, August 16-22, 2009. (<http://purl.umn.edu/50920>)

Pitro, R., T. Walker, D. Tschirley, S. Swinton, D. Boughton and H. De Marrule. 2009. "Can Bt Technology Reduce Poverty among African Cotton Growers? An *Ex Ante* Analysis of Private and Social Profitability of Bt Cotton Seed in Mozambique." Contributed Paper presented at the International Association of Agricultural Economists Conference, Beijing, China, August 16-22, 2009. (<http://purl.umn.edu/51633>)

Jolejole, M.C.B., S.M. Swinton and F. Lupi 2009. "Incentives to Supply Enhanced Ecosystem Services from Cropland." Selected paper presentation. Agricultural and Applied Economics Association annual meeting, Milwaukee, WI, July 26-28, 2009. (<http://purl.umn.edu/49356>)

Peralta, A. and S.M. Swinton 2009. "Food vs. Wood: Dynamic Choices for Kenyan Smallholders." Selected paper presentation. Agricultural and Applied Economics Association annual meeting, Milwaukee, WI, July 26-28, 2009. (<http://purl.umn.edu/49401>)

Swinton, S.M. 2009, "Pollination Economics" in session on *Global Pollination Services: Threat, Impact, and Required Response*, Soil and Water Conservation Society annual meeting, Dearborn, MI, July 11-15, 2009.

Swinton, S.M. 2009. "Cultivating Agriculture Agriculturalists for Ecosystem Services." Annual meeting of American Institute of Biological Sciences, Arlington, VA, May 18-19, 2009. http://client.blueskybroadcast.com/AIBS/annual09/aibs_09_swinton/launch.asp?vAD=MTM2MjM=&vUS=L Tk5&vMP=MA==&vHT=bG12ZS5ibHVlc2t5YnJvYWVjYXN0LmNvbS8=&vPing=VHJ1ZQ==&vPICQ=MA==

Swinton, S.M. 2009. "We Can Simulate Land Cover, but How Will People Choose to Manage It?" Presentation at the Great Lakes Bioenergy Research Center (GLBRC) Sustainability Thrust All Scientists Meeting, Hickory Corners, MI, May 4-6, 2009.

Ma, S. and S.M. Swinton. 2009. "Hedonic Land Value Study of Agricultural Ecosystem Services—Using Farmland Prices to Value Ecosystem Services Linked to Land." Regional, Population and Health Economics Graduate Student summit, University of Illinois, Champaign-Urbana, IL, April 10, 2009. http://www.ipmcenters.org/ipmsymposium09/08-3_Mooney.pdf

Mooney, D. F., S.M. Swinton, C. Subía and E. Peralta 2009. "Economic Impact of Disease-resistant Bean Research in Northern Ecuador." Presentation at the 6th International Integrated Pest Management Symposium, Portland, OR., March 24-26, 2009. http://www.ipmcenters.org/ipmsymposium09/08-3_Mooney.pdf

Song, F. and S.M. Swinton 2009. "Economic and Environmental Impacts of Threshold-based IPM for U.S. Soybean Aphid Management." Presentation at the 6th International Integrated Pest Management Symposium, Portland, OR., March 24-26, 2009.

Gardiner, M.M., D.A. Landis, W. van der Werf, and S. M. Swinton. "Increasing Corn for Biofuel Production Reduces Biocontrol Services in Agricultural Landscapes." Presentation at the 6th International Integrated Pest Management Symposium, Portland, OR., March 24-26, 2009.

Swinton, S.M. 2008. "The Quest: Economic Decision Making Linked to Environmental Outcomes in Agricultural Landscapes." Discussant presentation at national workshop on *Linking Biophysical and Economic Models of Biofuel Production and Environmental Impacts*. Energy Biosciences Institute and Great Lakes Bioenergy Research Center, Chicago, November 13-14, 2008.

Swinton, S.M. 2007. "Experiences with Applied Economics Research in Two Multidisciplinary NSF Programs." Organized symposium on *Overview of the Behavioral and Social Science Programs at NIH and NSF and Opportunities for Applied Economists*. American Agricultural Economics Association (AAEA) annual meeting, Portland, OR, July 29-31, 2007.

Labarta, R.A. and S.M. Swinton 2006. "Multi-institutional implementation of farmer field schools among Nicaraguan bean growers: Do different NGOs perform differently?" Presented at the International Association of Agricultural Economists (IAAE) 2006 annual meeting, August 12-18, 2006, Brisbane, Australia.

Okello, J. J., and S. M. Swinton 2006. "The Effect of Developed-Country Pesticide Standards on Health and Pesticide-Induced Morbidity of Kenya's Green Bean Family Farmers." Presented at the International Association of Agricultural Economists (IAAE) 2006 annual meeting, August 12-18, 2006, Brisbane, Australia.

Zhang, W. and S.M. Swinton 2006. "A Natural Enemies-Adjusted Economic Threshold for Pest Control." Presented at 8th Annual BIOECON Conference on the Economic Analysis of Ecology and Biodiversity, Kings College, Cambridge, UK, August 29-30, 2006.

Swinton, S.M., F. Lupi, G.P. Robertson and D.A. Landis 2006. "Ecosystem services from agriculture: Looking beyond the usual suspects." Principal Paper. American Agricultural Economics Association (AAEA) annual meeting, Long Beach, CA, July 23-26, 2006.

Zhang, W. and S.M. Swinton 2006. "Pest Control in the Presence of Pest Suppression by Natural Enemies." Selected Paper. American Agricultural Economics Association (AAEA) annual meeting, Long Beach, CA, July 23-26, 2006.

Labarta, R.A. and S.M. Swinton 2006. "Economic Impacts of Farmer Field Schools: Evidence from Latin America." Symposium on *Is IPM Delivering?*, 5th National IPM Symposium, St. Louis, April 4, 2006.

Swinton, S.M. 2006. "Cost-effective Ecosystem Service Production from Row-crop Agriculture." Symposium presentation. American Association for the Advancement of Science (AAAS) annual meeting, St. Louis, February 16-20, 2006.

Okello, J. J., and S. M. Swinton 2005. "Do International Food Safety Standards Marginalize Poor Farmers? Evidence from Kenyan Green Bean Family Farms." Research update. Food Distribution Research Society, Washington, DC, October 16-18, 2005. **Journal of Food Distribution Research** 37(1)(March 2006): 187.

Labarta, R., and S. M. Swinton 2005. "Do Pesticide Hazards to Human Health and Beneficial Insects Cause or Result from IPM Adoption? Mixed Messages from Farmer Field Schools in Nicaragua." Selected Paper, American Agricultural Economics Association (AAEA) annual meeting, Providence, RI, July 24-27, 2005. (http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=16371&ftype=.pdf)

Okello, J. J., and S. M. Swinton 2005. "Compliance with International Food Safety Standards in Kenya's Green Bean Industry: A Paired Case Study of Small and Large Family Farms." Selected Paper, American Agricultural Economics Association (AAEA) annual meeting, Providence, RI, July 24-27, 2005.

Satriawan, E., and S. M. Swinton 2005. "Does Human Capital Raise Farm or Non-farm Earning More? New Insight from Rural Pakistan Panel Survey." Selected Paper, American Agricultural Economics Association (AAEA) annual meeting, Providence, RI, July 24-27, 2005.

Swinton, S. M., and W. Zhang 2005. "Rethinking Ecosystem Services from an Intermediate Product Perspective." Selected Paper, American Agricultural Economics Association (AAEA) annual meeting, Providence, RI, July 24-27, 2005.

Labarta, R.A. and S.M. Swinton 2005. "Los efectos de los plaguicidas sobre la salud humana y los servicios ambientales dentro de la evaluación económica de los sistemas de extensión de Manejo Integrado de Plagas en

Nicaragua.” Paper presented at the VI simposio Latinoamericano sobre Investigación y Extensión de Sistemas Agropecuarios (IESA-AL VI), Universidad de Caldas, Manizales, Colombia, July 20-22, 2005.

Labarta, R.A. and S.M. Swinton 2005. “Mejorando los Servicios de Extensión de Manejo Integrado de Plagas en Nicaragua a través de las Escuelas de Campo para Agricultores.” Paper presented to the annual meeting of the Programa Cooperativo Centroamericano para el Mejoramiento de Cultivos y Animales (PCCMCA), Panamá, May 2-6, 2005.

Labarta, R.A. and S.M. Swinton 2005. “Do environmental and health concerns influence farmers’ input decisions? Evidence from pesticide use and adoption of Integrated Pest Management in Nicaragua.” Paper presented to the Asociación Latinoamericana de Economistas Ambientales y de Recursos Naturales (ALEAR), Oaxaca, México, March 18-20, 2005.

Swinton, S.M. and F. Lupi 2005. “Abiotic Ecosystem Services to Agriculture”. Discussion brief presented to NSF national workshop on *Valuation of Ecosystem Services in Agriculture*, Augusta, MI, October 26-28, 2005

Swinton, S.M. and R. Labarta 2004. “What Value for Environmental and Health Benefits of IPM?” Paper presented at the Workshop on Impact Assessment of Farmer Field Schools, Garbsen, Germany, July 21-23, 2004. (Sponsored by University of Hannover and Global IPM Facility of the U.N. Food and Agriculture Organization.)

Labarta, R.A. and S.M. Swinton 2004. “Adopción del manejo integrado de plagas entre graduados de escuelas de campo para agricultores en Nicaragua.” Paper presented at the IX Congreso Internacional de Manejo Integrado de Plagas, San Salvador, Nov. 3-5, 2004.

Kirimi, L. and S.M. Swinton 2004. “Estimating Cost Efficiency among Maize Producers in Kenya and Uganda.” [Selected Paper](#), American Agricultural Economics Association annual meeting, Denver, CO, August 1-4, 2004.

Swinton, S.M. 2004. “Too Poor to Be Stewards? Rural Poverty and Sustainable Natural Resource Management.” Werner Sichel Economics Lecture, Western Michigan University, Kalamazoo, MI, April 7, 2004. (Also released as Agricultural Economics **Staff Paper 2004-06**, Mich. State Univ.)

Okello, J.J. and S.M. Swinton 2004. “Challenges to Kenya’s Smallholder French Bean Growers: Meeting EU Standards and Exporters’ Needs.” Rockefeller Foundation Workshop on *Markets to Raise Incomes for Poor Farmers in Africa*, Nairobi, April 5-8, 2004.

Swinton, S. M. 2004. “Economics of Site-specific Weed Management.” Invited paper presented at the annual meeting of the Weed Science Society of America, Kansas City, MO, Feb. 11, 2004.

Swinton, S. M. 2003. “Integrating Sustainability Indicators into the Economic Surplus Approach for NRM Impact Assessment.” In B. Shiferaw, and H. A. Freeman, eds. *Methods for Assessing the Impacts of Natural Resource Management Research*, Patancheru, India (6-7 December 2002): International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), pp. 51-58.

Gebremedhin, B. and S.M. Swinton 2002. “Land Tenure Security, Public Programs and Investment in Soil Conservation in Northern Ethiopia.” Paper presented at the annual meeting of the Ethiopian Agricultural Economics Society, Addis Ababa, August 30-31, 2002.

Swinton, S.M. 2002. “Trade Issues and Agro-Environmental Concerns: North vs. South.” Presentation at the IAAE Organized Symposium on Policy and Economic Issues in Trade Liberalization Negotiations. American Agricultural Economics Association annual meeting, Long Beach, CA, July 28-31, 2002.

Swinton, S.M., Y. Liu and N.R. Miller 2002. "Is Yield Response Site-specific? Revisiting Nitrogen Recommendations on Corn." [Selected Paper](#), American Agricultural Economics Association annual meeting, Long Beach, CA, July 28-31, 2002.

Maumbe, B.M. and S.M. Swinton 2002. "Hidden Health Costs of Pesticide use in Zimbabwean Smallholder Cotton." [Selected Paper](#), American Agricultural Economics Association annual meeting, Long Beach, CA, July 28-31, 2002.

Swinton, S.M., K.Q. Jones, R. Brook, N. Miller, O. Schabenberger, and D. Warncke 2002. "Site-specific versus Whole-field Fertility and Lime Management in Michigan Soybeans and Corn." *Proceedings of the Sixth International Conference on Precision Agriculture*. CD-ROM. Madison, WI: ASA-CSSA-SSSA. Pages 1790-1813. (Issued as [Staff Paper 2002-16](#)).

Gebremedhin, B. and S.M. Swinton 2002. "Land Tenure Security, Public Programs and Investment in Soil Conservation in Northern Ethiopia." Paper presented at the annual meeting of the Ethiopian Agricultural Economics Society, Addis Ababa, August 30-31, 2002.

Swinton, S.M. 2002. "Trade Issues and Agro-Environmental Concerns: North vs. South." Presentation at the IAAE Organized Symposium on Policy and Economic Issues in Trade Liberalization Negotiations. American Agricultural Economics Association annual meeting, Long Beach, CA, July 28-31, 2002.

Swinton, S.M., Y. Liu, N.R. Miller, A.N. Kravchenko, and C.A.M. Laboski 2002. "Corn Yield Response to Nitrogen: Does It Vary Site-specifically?" *Proceedings of the Sixth International Conference on Precision Agriculture*. CD-ROM. Madison, WI: ASA-CSSA-SSSA.

Swinton, S.M. and R. Quiroz 2001. "Poverty and the Deterioration of Natural Soil Capital in the Peruvian Altiplano." Paper presented at the *Natural Capital, Poverty and Development Conference*, University of Toronto, Toronto, Ontario, Sept. 5-8, 2001.

Bullock, D.S., J. Lowenberg-DeBoer and S. Swinton 2001. "Assessing the Value of Precision Agricultural Data." Presented paper at the *AAEA 2001 Learning Workshop on Spatial Data Analysis*, American Agricultural Economics Association annual meeting, August 4, 2001.

Swinton, S., R. Bongiovanni, J. Lowenberg-DeBoer and D.S. Bullock 2001. "Assessing the Value of Precision Agricultural Data: On-Farm Nitrogen Response Research in Argentina." Paper presented at hands-on preconference training at the *AAEA 2001 Learning Workshop on Spatial Data Analysis*, American Agricultural Economics Association annual meeting, August 4, 2001.

Swinton, S.M. and J. Lowenberg-DeBoer 2001. "Global Adoption of Precision Agriculture Technologies: Who, When and Why?" In G. Grenier and S. Blackmore, eds., *Third European Conference on Precision Agriculture*, Montpellier, France: Agro Montpellier (ENSAM), pp. 557-562.

Gebremedhin, B. and S.M. Swinton 2001. "Determinants of Farmer Perceptions of the Severity and Yield Impact of Soil Erosion: Evidence from Northern Ethiopia." Paper presented at the Workshop on *Managing Natural Resources in African Highland Eco-systems*, Western Michigan University, Kalamazoo, MI, August 16-18, 2001.

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Loduca, N. and S.M. Swinton. 2023. "[Farmers Display More Risk Aversion in the Context of Agricultural Climate Adaptation than in General Lottery Experiments.](#)" Agricultural and Applied Economics Association annual meeting, Washington, DC, July 23-25, 2023.

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- Hayden, N.J. and S.M. Swinton. 2013. "How Much Marginal Land Is Available for Bioenergy Crops? Evidence from Michigan." Selected poster. Agricultural and Applied Economics Association annual meeting, Washington, DC, August 4-6, 2013. <http://purl.umn.edu/151424>.
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- Kells, B. and S.M. Swinton. 2013. "The Economic Viability of Cellulosic Biomass Production on Marginal Land in the Northern Great Lakes Region." Poster presented at Great Lakes Bioenergy Research Center annual meeting, South Bend, IN, May 21-23, 2013. Selected poster. ASA, CSSA, and SSSA 2013 Annual Meetings, Tampa, FL, Nov. 4-6, 2013.
- Hayden, N.J. and S.M. Swinton. 2012, 2013. "Michigan Landowners' Willingness to Supply Marginal Land for Energy Biomass Production." Poster presented at Great Lakes Bioenergy Research Center DOE site review, University of Wisconsin, Madison, WI, Nov. 8-9, 2012, and GLBRC Sustainability Retreat, Kellogg Biological Station, Hickory Corners, MI, Feb. 18-19, 2013.
- Peralta, M.A., S.M. Swinton, and M. Maredda. 2012. "Accounting for selection bias in impact analysis of a rural development program: An application using propensity score matching." Contributed poster. 28th Conference of the International Association of Agricultural Economists (IAAE), Foz do Iguaçu, Brazil, August 18-24, 2012.

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Swinton, S. and N. Loduca 2024. “[Michigan farmers expect higher yields, more variability as weather changes.](#)” *Michigan Farm News* 101(3): 11 (online Jan. 26, 2024; in print February 15, 2024).

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Swinton, S.M., 2022. "Agricultural Labor Outlook." Michigan Agri-Business Association (MABA) 2022 Winter Conference, Lansing, MI, Jan. 10, 2022.

"Building Fertility with Cover Crops and Manure: What It Takes to Get Profitable." Great Lakes Expo, Michigan Horticultural Society. Grand Rapids, MI, Dec. 10-12, 2002.

"Corn Nitrogen Management Systems for Michigan." (by Neil Miller, Scott Swinton, Bob Battel, & Natalie Rector). Michigan Corn and Soybean Winter Meetings 2002, sponsored by Michigan Soybean Promotion Committee and Corn Marketing Program of Michigan. Hillsdale, MI, Jan. 4, 2002; Alma, MI, Jan. 8, 2002; Ubyly, MI, Jan. 10, 2002; Marcellus, MI, Jan. 11, 2002.

"Comparative Analysis of Site-Specific and Conventional Fertility Management for Soybeans and Corn Grown in Michigan: Preliminary Results for 1998-2001" (by Scott Swinton, Kezelee Jones, Neil Miller, Oliver Schabenberger, Roger Brook & Darryl Warncke). Foundation for Agronomic Research and Phosphate and Potash Institute Midwest annual project meeting, Indianapolis, IN, Feb. 28, 2002.

"Comparative Analysis of Site-Specific and Conventional Fertility Management for Soybeans and Corn Grown in Michigan: Preliminary Results for 1998-2001" (by Scott Swinton, Kezelee Jones, Neil Miller, Oliver Schabenberger, Roger Brook & Darryl Warncke). Meeting with farmer & agribusiness collaborators, Burton, MI, March 13, 2002.

"Corn Nitrogen Management Systems for Michigan." (by Neil Miller, Scott Swinton, Bob Battel, & Natalie Rector) and "Profitability Analysis of Site-specific Corn Yield Response to Nitrogen: Research Update" (by S. Swinton). Presentations to Innovative Farmers of South-Central Michigan, Tekonsha, MI, March 20, 2002.

"The Concept and Application of Flexible Incentives for Attaining Environmental Goals." Briefing for Congressional staff, Longworth House Office Building, Washington, DC, May 8, 2000. (With Frank Casey; briefing arranged by C-FARE.) Reached staffers in the House Agriculture Committee and the Congressional Research Service.

“Profitability of Site-Specific Farming.” Phosphate and Potash Institute’s InfoAg99 conference, Purdue University, W. Lafayette, IN, August 10, 1999.

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“What We Know about the Economics of Precision Agriculture.” Invited presentation to the SSM Users Group, Lapeer, MI, February 12, 1998.

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“Profitability of Site-Specific Agriculture.” Invited presentation at the *Farming for Profit?* conference, Moose Jaw, Saskatchewan, June 22-24, 1997.

“Evaluating the Economics of Site-Specific Management.” Invited presentation to the Michigan Agri-Business Association, 64th annual winter conference, Lansing Center, Jan. 15, 1997.

“Short-run Impacts of Losing Minor Use Pesticides to Michigan Apple, Blueberry, and Tart Cherry Growers.” Swinton, S.M. and E. Scorsone. Poster presented at the 126th annual meeting of the Michigan State Horticultural Society, Grand Rapids, MI, Dec. 2-4, 1996.

“Economics of Crop Nutrient Testing.” Invited presentation to the Michigan Commission on Agriculture. Pavilion for Agriculture and Livestock Education, MSU, Oct. 10, 1996.

“Profitability of Site-Specific Agriculture.” Invited presentation at Site-Specific Agriculture MSUE In-Service Training. International Center, MSU, Sept. 20, 1996.

“Michigan 1996 Weed Model On-Farm Research Trials.” Presentation to Ingham County NRCS & MSUE field tour (50 attendees). Mason, MI, August 21, 1996.

“Whether and How to Invest in Site-Specific Crop Management: Results of Focus Group Interviews in Michigan, 1996.” Invited presentation to Michigan Farm Bureau Advisory Committee on Feed Grains, Oil Seeds and Wheat. Alma, MI, June 18, 1996.

“Financial Planning for Dairy Expansion” to 1995 annual meeting of Michigan Professional Dairy Farmers’ Association, Ithaca, MI, February 15, 1995.

“Adaptation of WEEDSIM Weed Management Model to Michigan Conditions: Interim Economic Report 1994.” Mich. Soybean Promotion Com. Kellogg Center, MSU, Feb. 22, 1995.

Swinton, S. 1994. “Computer Program Manages Weeds for Profits.” **Michigan Soybean Agronomic Research Report** (January 1994): 7. (Published by Michigan Soybean Promotion Committee.)

“Adaptation of WEEDSIM Weed Management Model to Michigan Conditions: Interim Economic Report 1993.” Mich. Soybean Promotion Com. Kellogg Center, MSU, Feb. 17, 1994.

“Progress Report on 'Field Evaluation of WEEDSIM Weed Management Model in a Corn-Soybean Rotation in Michigan.'” Michigan Soybean Promotion Committee, Kellogg Center, East Lansing, MI, August 24, 1993.

Swinton, S. and D. Landis 1993. “Survey Investigates Corn Insect Management in Michigan.” **The IPM Report: Integrated Pest Management in Michigan** 2(1): 4-6.

Swinton, S. and D. Landis 1993. “Managing Insects in Michigan Field Corn: Results of a 1992 Grower Survey.” **Michigan Farm News** 70(8): 7-8, April 30, 1993.

“Adaptation of WEEDSIM Weed Management Model to Michigan Conditions: Report on 1992 Research Activities Supported by the Michigan Soybean Promotion Committee,” Michigan Soybean Promotion Committee, Kellogg Center, East Lansing, MI, Feb. 24, 1993

“Economic Analysis of Investment in Subirrigation for Corn Production,” Saginaw Bay Area Subirrigation/Drainage Project Sixth Annual Information Meeting, Frankenmuth, MI, Feb. 19, 1993.

“Changes at the Institut National de Recherches Agronomiques du Niger (INRAN) 1983-86 and Challenges Ahead.” End of tour report to the U.S. Agency for International Development mission, Niamey, Niger, May 6, 1986.

SELECTED MEDIA COVERAGE

Frankel, Todd 2024. “[Here’s what happened the last time Trump moved federal jobs out of D.C.](#)” *Washington Post*. Online Dec. 5, 2024; in print as “Plan to Relocate Federal Jobs Has Familiar Doubts.” Dec. 7, 2024. Pp. A1, A12.

Barnhart, M. 2024. “[Neonicotinoids Might Harm Butterflies Too.](#)” *Chemical and Engineering News*. Online June 25, 2024.

Einhorn, C. 2024. “[New ‘Detective Work’ on Butterfly Declines Reveals a Prime Suspect.](#)” Interview with Swinton. *New York Times*. Online June 20, 2024. “What’s Behind the Decline of Butterflies?” in print edition June 23, 2024, page A11.

Heslip, N. 2024. “[Are cultivated morel mushrooms possible?](#)” Interview text and audio with Swinton. *Brownfield Ag News*. Apr. 19, 2024.

Bowling, E. 2023. “[Michiganders Respond to Senator Stabenow’s Decision to Step Down.](#)” Television interview on WILX News 10, Jan. 5, 2023.

Heslip, N. 2022. “[The ag labor crisis likely to only get tougher.](#)” Interview text and audio with Swinton from MABA Winter Conference. *Brownfield Ag News*. Jan. 10, 2022.

“[Some willing to scale-up conservation practices—MSU studies finds 20% of corn, soybean farmers willing to consider.](#)” *Morning Ag Clips*, Jan. 4, 2022.

“[Herbicide-resistant weeds threaten conservation ag.](#)” *Morning Ag Clips*, June 18, 2021.

Press releases from MSU College of Agriculture and Natural Resources:

- Dardas, A. and T. Langlois. 2024. "[Insecticides found to be primary driver of butterfly decline, says a CANR-led study.](#)" June 20, 2024.
- Baziari, F. 2022. "[Scaling-up conservation practices: how much can farmers afford?](#)" Jan. 3, 2022.
- Monahan, J. 2021. "[Herbicide-resistant weeds threaten conservation ag.](#)" *Morning Ag Clips*, June 16, 2021.
- Monahan, J. 2019. "[University Distinguished Professor Scott Swinton Named an AAEA Fellow.](#)" Feb. 5, 2020.
- "[PBS Interviews Professor Scott Swinton on Becoming a University Distinguished Professor.](#)" Dec. 19, 2019.
- "[Swinton Reflects on AAEA Presidency, Building Community.](#)" Feb. 4, 2019.

SESSIONS ORGANIZED AT PROFESSIONAL CONFERENCES

Swinton, S.M. 2024. Track session on *Economics of Precision Conservation* of ENV and Econometrics sections at Agricultural and Applied Economics Association (AAEA) annual meeting, New Orleans, LA, July 28-30, 2024.

Swinton, S.M. 2015. Organized Symposium on *Inducing Agricultural Conservation to Reduce Eutrophication and Hypoxia*, Agricultural and Applied Economics Association annual meeting, San Francisco, CA, July 28, 2015.

Swinton, S.M. 2013. Organized Symposium on *Working Ecosystems: Challenges for Economic Research*, Agricultural and Applied Economics Association annual meeting, Washington, DC, August 4-6, 2013.

Swinton, S.M. and J. Lowenberg-DeBoer 1996. Organized Symposium on *Precision Agriculture: Will It Pay? For Whom?* at American Agricultural Economics Assn. annual meeting, San Antonio, TX, July 28-31, 1996.

OTHER PRESENTATIONS TO SCHOLARLY AUDIENCES

Swinton, S.M. and N. Loduca. 2024. "How Farmer Risk Preferences Shape Perceptions of Changing Crop Yield Distributions that Influence Climate Change Adaptation." Kellogg Biological Station, Sept. 20, 2024.

Swinton, S.M. 2024. "Growth and Evolution of Ag Economics at MSU." 75th Anniversary of the Dept. of Agricultural, Food, and Resource Economics. Michigan State University. Sept. 13, 2024.

Drobnak, R., F. Baziari, S. Swinton, C. Charles, B. Wilke, E. Schultheis, J. LaPorte, C. Sprunger, J. Tyndall, M. Gammans, and J. Doll. 2024. [New prairie strip partial budget tool](#). Kellogg Biological Station Long-term Agricultural Research and Michigan State University Extension. Hickory Corners, MI.

Swinton, S.M. 2023. "Precision Agriculture: Reducing waste & boosting conservation." Rural Computing Research Symposium. Michigan State University. March 31, 2023.

Swinton, S.M. 2022. "Research Persuasion in Applied Economics." Three-part interactive seminar for graduate students with intensive reading & discussion. Oct. 21, Nov. 4, and Nov. 18, 2022.

Swinton, S.M. 2022. "Writing and presenting the 3rd Year Paper." MSU Agricultural, Food and Resource Economics. Brownbag seminar presentation. Sep. 13, 2022.

- Swinton, S.M. 2021. "Poised to Re-Open: MSU Agricultural, Food, & Resource Economics as We Look Ahead." Department chairperson candidate seminar, June 3, 2021.
- Lau, J. and S. Swinton. 2020. "Adaptation as a mechanism of resilience." KBS-LTER mid-term review. Online presentation, Sept. 9, 2020.
- Luther, Z., S. Swinton, and B Van Deynze. 2020. "How Much Cropland Would Eastern Corn Belt Farmers Devote to Prairie Strips?" KBS-LTER mid-term review. Online presentation, Sept. 9, 2020.
- Swinton, S.M. 2020. Panelist on "Evaluating Teaching: A Holistic Approach to Evaluating Scholarship of Teaching." TLC/CWAE Track Session, 2020 Virtual Annual Meeting of the Agricultural and Applied Economics Association, August 17, 2020.
- Swinton, S.M. 2019. "Presentation/Discussion of 'Colony Collapse and the Consequences of Bee Disease: Market Adaptation to Environmental Change' by Rucker, Thurman, and Burgett, *JAERE* 2019." Environmental Economics Reading Group, Michigan State University, November 22, 2019.
- Van Deynze, B. and S.M. Swinton. 2019. "Evolutionary Biology and No-Till Farming: How Herbicide Resistant Weeds Are Reversing the Adoption Trend Toward Conservation Tillage." Kellogg Biological Station weekly seminar, Michigan State University, Hickory Corners, MI, Aug. 30, 2019.
- Swinton, S.M. 2019. Panelist on "Inclusiveness." Inter-agency Working Group on Biological Data Sharing Workshop, sponsored by U.S. Dept. of Energy and National Institute of Standards and Technology, Gaithersburg, MD, June 12-13, 2019.
- Swinton, S.M. 2018. "Writing and presenting professionally." MSU Agricultural, Food and Resource Economics. Brownbag lunch panel presentation (with D. Ortega and S. Anderson). Mar. 13, 2018.
- Swinton, S.M. 2017. "Economics of Payments for Agro-Ecosystem Services: What we know and what we need to learn." Keynote address to national workshop on *Scientific Challenges to Operationalizing Payments for Agro-Ecosystem Services (PAGES)*, Indianapolis, IN, Nov. 14-15, 2017.
- Swinton, S.M. and S. Marquart-Pyatt. 2017. "Human Adaptation to Risk." Plenary presentation at the KBS LTER All-Scientists Meeting, East Lansing, MI, October 6, 2017.
- Myers, R., D. Ortega, M. Porter, and S.M. Swinton 2017. Panel on Publishing and Co-authorship in Applied Economics. MSU Agricultural, Food and Resource Economics. Brownbag lunch seminar. Jan. 24, 2017.
- Swinton, S.M. 2016. "Limitations of conservation auctions for cost-effective payments to abate farm phosphorus runoff." MSU Agricultural, Food and Resource Economics. Brownbag lunch seminar. Nov. 1, 2016.
- Swinton, S.M. 2016. "Cost-effective Policy to Induce Farmers to Cut Phosphorus Runoff into Lake Erie." Plenary presentation at the KBS LTER All-Scientist Meeting & Field Tour, Hickory Corners, MI, September 15, 2016.
- Swinton, S.M. 2016. "Economic Prospects for Bioenergy Feedstocks on Marginal Lands in the Great Lakes Region." Invited presentation. Great Lakes Bioenergy Research Symposium, Lake Geneva, WI, May 19, 2016.
- Swinton, S.M. 2016. "Conveying Your Message in an Academic Presentation." MSU Agricultural, Food and Resource Economics. Brownbag lunch seminar. Feb. 16, 2016.

Swinton, S.M. 2016, 2015, 2013, 2012, 2011. “Completing Your Advisory Committee and Course Program.” MSU Agricultural, Food and Resource Economics. Lunch seminar. Jan. 29, 2016, Feb. 17, 2015, Oct. 22, 2013, Nov. 27, 2012, Nov. 30, 2011 and Jan. 25, 2011.

Swinton, S.M. 2015. “Farmer Willingness to Adopt Sustainable Practices and the Economics of Supplying Ecosystem Services.” Fall Field Tour for New Investigators, Kellogg Biological Station, Hickory Corners, MI, Sep. 25, 2015.

Swinton, S.M. 2015. “Designing Experimental Auctions to Evaluate Incentives for Environmental Stewardship in Agricultural Landscapes,” and “Graduate study in Agricultural, Food, & Resource Economics at Michigan State U.” Presentations to students from Northwest Agricultural & Forestry University (Xi’an, China), MSU, East Lansing, MI, Aug. 3, 2015.

Swinton, S.M. 2015. “A Framework for Assessing the Health, Environmental & Social Effects of the Food System.” Healthy Kids, Healthy Michigan: Community Policy Action Team. Michigan Environmental Council, Lansing, MI, July 14, 2015.

Stover, P. and S.M. Swinton. 2015. “A Framework for Assessing the Health, Environmental & Social Effects of the Food System.” Co-organizers, Workshop #5 at EAT Stockholm Food Forum, Stockholm, Sweden, June 1-2, 2015.

Palm-Forster, L.H., S.M. Swinton, and R.S. Shupp. 2015. “Farmer Willingness to Engage in Transactions for Cost-effective Provision of Aquatic Ecosystem Services.” Presented at *Sustaining Clean Waters and Healthy Flows in the Great Lakes: A Workshop of Experts, Partners and Leaders to Review and Improve a Watershed Sustainability Strategy*. Great Lakes Watershed Ecological Sustainability Strategy Review workshop, Michigan State University, April 30, 2015.

Swinton, S.M. 2015. “Farmer Decisions that Shape Agro-Ecosystem Outcomes.” Farming for Ecosystem Services: New Directions for Long-term Ecological Research in Agriculture. KBS-LTER Symposium, Michigan State University. April 16, 2015.

Swinton, S.M. 2015. “A Framework for Assessing the Effects of the Food System—Overview from the New National Academies of Science Report.” MSU Agricultural, Food and Resource Economics Brown-bag seminar & display. March 24, 2015.

Swinton, S.M., 2015. “Pesticide Use Decisions Based on Economic Thresholds.” Pesticide and Pest Management Education workshop for delegation from Chinese Ministry of Agriculture, Michigan State University, East Lansing, MI, March 5, 2015.

Palm-Forster, L.H., S.M. Swinton, R.S. Shupp, and F. Lupi. 2014. “Designing Conservation Auctions for Aquatic Ecosystem Services in Agricultural Watersheds.” Paper presented at preconference workshop AM-3 on *Coordinated approaches to enhance ecosystem services in watersheds dominated by agriculture* at conference of A Community on Ecosystem Services (ACES), Washington, DC, December 8-12, 2014.

Swinton, S.M., 2014. “Conditions for Profitability of Bioenergy Crops.” MSU Extension workshop on *Sustainable Bioenergy Cropping Systems*, Kellogg Biological Station, Hickory Corners, MI, Aug. 29, 2014.

Swinton, S.M., 2014. “Why Adopt IPM? Socio-economic Considerations.” MSU Short Course on Agroecology, Integrated Pest Management and Sustainable Agriculture, MSU World Technology Access Program (WorldTAP), June 20, 2014.

Swinton, S.M. with L.M. Harris and S. Ma. 2014. "Use of graphics to engage viewers of your talk." MSU Agricultural, Food and Resource Economics Brown-bag seminar & display. April 9, 2014.

Harris, L.M., S.M. Swinton, and R.S. Shupp. 2013. "Reducing Lake Erie algal blooms: Agricultural runoff abatement policies that integrate economic and ecological information." Environmental Science and Policy Program Research Symposium: Water for a Sustainable World, Michigan State University, East Lansing, MI Nov. 22, 2013.

Swinton, S.M., 2013. "Supply and Demand for Ecosystem Services from Agriculture." True Cost of Food workshop. Sustainable Food Trust. London, U.K. Dec. 4-5, 2013.

Swinton, S.M., 2013. "Why Adopt IPM? Socio-economic Considerations." MSU Short Course on Agroecology, Integrated Pest Management and Sustainable Agriculture, MSU World Technology Access Program (WorldTAP), June 26, 2013.

Swinton, S.M. 2013. "Human Dynamics: Farming for Ecosystem Services." Presentation at KBS-LTER mid-project site review, Kellogg Biological Station, Hickory Corners, MI, May 29, 2013.

Swinton, S.M. 2013. "Economic Prospects for U.S. Biofuel from 2013." Plenary presentation. Great Lakes Bioenergy Research Symposium, South Bend, IN, May 23, 2013.

Universidad Nacional Autónoma de México - Morelia. 2010-13. "El Manejo de los Ecosistemas y la Valoración de los Servicios Ecosistémicos." Videoconference presentation to class on Aprovechamiento de Recursos y Servicios Ecosistémicos, May 4, 2010, May 11, 2011, and April 30, 2013.

Swinton, S.M. 2013. "Economics of Sustainable Bioenergy: Retrospect and Prospect." Great Lakes Bioenergy Research Center (GLBRC) Sustainability Area Scientists Meeting, Kellogg Biological Station, Hickory Corners, MI, February 18, 2013.

Joshi, S., W. Knudson and S.M. Swinton 2012. "Biofuels: What Are the Prospects?" MSU Agricultural, Food and Resource Economics. Lunch seminar. Oct. 30, 2012.

Swinton, S.M. 2012. "Sustainable Bioenergy: Lessons from Great Lakes Research." MSU and United Nations Association Michigan Chapter Conference on Sustainable Energy for Sustainable Development. MSU, Oct. 21-23, 2012.

Hayden, N.J. and S.M. Swinton. 2012. "Landowners' Willingness to Supply Marginal Land for Energy Biomass Production." 5th Annual MSU, UM, & Wayne State Energy & Environmental Economics Day, Michigan State University, E. Lansing, MI, Aug. 21, 2012.

Swinton, S.M., 2012. "Why Adopt IPM? Socio-economic Considerations." MSU Short Course on Agroecology, Integrated Pest Management and Sustainable Agriculture, MSU World Technology Access Program (WorldTAP), June 25, 2012.

Swinton, S.M. and A. Egbendewe-Mondzozo 2011. "Costs and Consequences of Bioenergy Production." Seminar for Energy Market Regulatory Authority (EMRA) of Turkish Ministry of Energy, Michigan State University. July 6, 2011.

- Swinton, S.M., 2011. "Why Adopt IPM? Socio-economic Considerations." MSU Short Course on Agroecology, Integrated Pest Management and Sustainable Agriculture, MSU World Technology Access Program (WorldTAP), June 29, 2011.
- Swinton, S.M. and A. Egbendewe-Mondzozo 2011. "Costs and Consequences of Bioenergy Production." MSU Agricultural, Food and Resource Economics. Lunch seminar. April 5, 2011.
- Swinton, S.M. 2010. "How Good Disciplinary Research Can Underpin Policy-relevant Cross Disciplinary Work." MSU Environmental Food and Farming Systems seminar (CSS 892b). Oct. 4, 2010.
- Swinton, S.M. 2010. "Supply and Demand for Enhanced Ecosystem Services from Cropland." MSU Agricultural, Food and Resource Economics Grad student orientation seminar. Aug. 30, 2010.
- Swinton, S.M. 2010. "If Life Gives You a Lemon, Make Lemonade: Keys to Designing Great Academic Posters." MSU Agricultural, Food and Resource Economics Brown-bag seminar & display. April 2, 2010.
- Swinton, S.M. 2010. "The Applied Economics Profession in a New Era of Competitive Grants: How to Succeed as a Multi-disciplinary Scientist." Moderator for national webinar sponsored by Council of Food, Agricultural and Resource Economics (C-FARE) and the National Association of Agricultural Economics Administrators. March 31, 2010.
- Swinton, S.M. and T. Jayne, 2009. "Student-Advisor Relationships." MSU Agricultural, Food and Resource Economics Brown-bag lunch seminar. December 8, 2009.
- Swinton, S.M., 2009. "Measuring Firm-level Incentives for Carbon Reduction." MSU Agricultural, Food and Resource Economics, Sampler of Graduate Research in Applied Economics. October 2, 2009.
- Swinton, S.M., 2009. "Effects of Markets and Policy on Demand and Supply of Biofuels" and "Effects of Biofuel Production on Ecosystem Services and Landscapes." International Short Course on Biofuels, MSU World Technology Access Program (WorldTAP), September 29, 2009.
- Swinton, S.M., 2009. "Will Farmers Choose Ecologically Sustainable Biomass Crops?" MSU Agricultural, Food and Resource Economics Graduate Orientation seminar. August 28, 2009.
- Swinton, S.M., 2009. "Writing about Applied Economics for Professional Audiences." MSU Agricultural, Food and Resource Economics Brown-bag lunch seminar. January 13, 2009.
- Swinton, S.M. 2008. "Crop Management and Environmental Stewardship: Results from a Survey of Michigan Corn and Soybean Growers." Presentation at 2008 Agronomy Update, MSU Pavilion, December 17, 2008.
- Swinton, S.M. and C.B. Jolejole 2008. "Crop Management and Environmental Stewardship: Results from a Survey of Michigan Corn and Soybean Growers." Presentation at Kellogg Biological Station Long-term Ecological Research (KBS-LTER) farmer field day, Hickory Corners, MI, October 1, 2008.
- Swinton, S.M., 2008. "Writing about Applied Economics for Professional Audiences." Agricultural, Food and Resource Economics Brown-bag lunch seminar. March 25, 2008.
- Swinton, S.M., 2007. "Managing Production Ecosystems." Seminar presentation at *A Sample of Graduate Research Projects in Applied Economics: Sustainability, Development and Markets*. MSU Dept. of Agricultural Economics, October 5, 2007

- Swinton, S.M., W. Zhang and F. Song, 2007. "Managing an Invasive Agricultural Pest Using Information about Natural Enemies." Invited presentation at *Workshop on Invasive Species Management*, MSU Union, October 8-9, 2007.
- Swinton, S.M. and R. Labarta, 2006. "Impact Assessment of Farmer Field School IPM Training of Bean Farmers in Nicaragua." Presentation to Bean-Cowpea Collaborative Research Support Project (CRSP) Latin American Regional Research meeting, Quito, Ecuador, March 19, 2006.
- Swinton, S.M. and D. Ruonavaara, 2006. "Social Science Research in a Future Grain Pulse CRSP." Presentation to Bean-Cowpea CRSP Latin American Regional Research meeting, Quito, Ecuador, March 19, 2006.
- Swinton, S.M. 2005, "Long-term Dynamics of Poverty and Natural Resource Degradation." Invited presentation to Workshop on Changes, Livelihoods and Policy through Village Level Studies (VLS), Brown University, Providence, RI, July 23-24, 2005.
- Swinton, S.M. and B. Shiferaw 2005, "Scope for Integrating NRM into African VLS." Invited presentation to Workshop on Changes, Livelihoods and Policy through Village Level Studies (VLS), Brown University, Providence, RI, July 23-24, 2005.
- Swinton, S.M. 2005, "Challenges of Data Collection and Analysis for Precision Agriculture." Organized Symposium presentation, American Agricultural Economics Association (AAEA) annual meeting, Providence, RI, July 24-27, 2005.
- Swinton, S.M. 2005, "Economic and Environmental Assessment of NRM Impacts." Presentation to workshop on impacts of Natural Resource Management investments in the Sahel, GTZ and USAID, Bonn, Germany, May 10, 2005.
- Swinton, S.M. and R.A. Labarta 2004. "What Value for Environmental and Health Benefits of IPM?" Invited presentation at the Workshop on Impact Assessment of Farmer Field Schools, Garbsen, Germany, July 21-23, 2004. (Sponsored by University of Hannover and Global IPM Facility of the U.N. Food and Agriculture Organization.)
- Swinton, S.M. 2003. "IPM Assessment and Risk: Framing the Issues and Vocabulary." 4th National IPM Symposium Workshop on *IPM Evaluation and Impact Assessment*, Indianapolis, IN, April 8-10, 2003.
- Swinton, S.M. 2003. "Economic Assessment of IPM Programs." 4th National IPM Symposium Workshop on *IPM Evaluation and Impact Assessment*, Indianapolis, IN, April 8-10, 2003.
- Swinton, S.M. 2003. "Economic Trade-offs with Ecological Fruit Production." N.W. Michigan Fruit Think Tank meeting on *Fruit Crop Ecology – The Living Soil*, March 6, 2003
- "Writing Case Studies for Teaching and Research: Perspectives of the *RAE* Case Studies Editor." Agricultural Economics Dept. brown bag lunch seminar, MSU, Oct. 25, 2002.
- "Measuring the impacts of research on natural resources and the environment." Invited presentation at *Impact Assessment of Agricultural and NRM Research: Needs, Challenges and Options*, CRSP Council and U.S. Agency for International Development, Washington, DC, Sept. 12-13, 2002.

“Socio-economic Considerations in the Design and Implementation of IPM Programs.” Presentation at *Agroecology, Integrated Pest Management (IPM) and Sustainable Agriculture Short Course*, June 16-28, 2002. Institute of International Agriculture, MSU, June 26, 2002.

“Poverty and Resource Conservation: Incentives and Constraints to Investing in Sustainability” Presentation to Worldwide Fund for Nature Macroeconomic Policy Office training session on *An Analytical Approach to Understanding Poverty-Environment Linkages*. Washington, DC, February 13, 2001.

“Policy Alternatives to Achieve a Dramatic Reduction in Environmental Impacts from Midwestern Agriculture.” Invited paper prepared for *Midwest Commodities and the Environment Workshop* sponsored by American Farmland Trust, World Wildlife Fund-U.S., and Winrock International’s Henry Wallace Center for Alternative Agriculture, Chicago, IL, April 30-May 1, 2001. (Posted to web, Jan. 2003).

“L’Adoption et la Rentabilité de L’Agriculture de Precision aux USA.” (“Adoption and Profitability of Precision Agriculture in the USA”). Invited presentation to the Forum AgriTIC (French forum on Agricultural Information and Communication Technologies), Montpellier, France, June 20, 2001.

“Do Site-Specific Fertilizer Recommendations Make Sense?” Seminar to FIRM MSU Extension Area of Expertise group, MSU Agriculture & Livestock Pavilion, November 19, 2001.

“Precision Agriculture: What It Is and Prospects for Adoption.” Seminar to Chinese Precision Agriculture and Extension Group, Institute of International Agriculture, MSU, October 24, 2000.

“More Social Capital, Less Erosion: Evidence from Peru’s Altiplano.” Social Capital Initiative Seminar, MSU, October 20, 2000.

“El Altiplano peruano frente a la globalización.” Seminar presented to the workshop on Agro Industries and New Modes of Production in Mexico, Brook Lodge, MSU Center for Latin American and Caribbean Studies, October 17, 2000.

“Soil Erosion and Nutrient Depletion in the High Andes: Agronomic, Demographic and Economic Challenges to Sustainable Farming Systems.” Seminar presented to the Department of Crop and Soil Sciences, MSU, September 14, 2000.

“Are Poor Farmers Poor Stewards of Natural Resources? A View from the Peruvian Andes.” Seminar presented to the Department of Agricultural Economics, MSU, April 12, 2000.

“Are Poor Farmers to Blame for Environmental Degradation? Preliminary Results from the Peruvian Altiplano.” Seminar presented at the International Potato Center, Lima, Peru, January 13, 2000.

“Do Poor Farmers Do Harm to Natural Resources? Forming Hypotheses about the South American Altiplano” Invited seminar presented at the International Livestock Research Institute, Addis Ababa, Ethiopia, Sept. 10, 1999.

“Pobreza Rural y Deterioro Ambiental en la Cuenca del Titicaca.” Presentation at the initial workshop for the Interamerican Development Bank FONTAGRO project on “Relaciones entre la pobreza rural y el deterioro ambiental en América Latina,” International Potato Center, La Molina, Lima, Perú, Feb. 8-10, 1999.

“Factores que Influyen en la Implementación del MIP en la Región Andina.” Presentation at the International Seminar-Workshop on Integrated Pest Management in the Principal Andean Crops. Urubamba, Cusco, Perú, March 23-26, 1999. (Joint presentation with O. Ortíz.)

“Pobreza Rural y Deterioro Ambiental en la Cuenca del Titicaca.” Presentation at the initial workshop for the Interamerican Development Bank FONTAGRO project on “Relaciones entre la pobreza rural y el deterioro ambiental en América Latina,” International Potato Center, La Molina, Lima, Perú, Feb. 8-10, 1999.

“Economic Issues for U.S. Farming Systems: Looking Ahead from 1998” Seminar presented to visitors from Farming Systems Research and Extension group under Egypt Agricultural Productivity Intensification Project, MSU, Oct. 23, 1998.

“Managing Crop Pests and Nutrients: How Do We Add Spatial Considerations?” International Potato Center (CIP), Lima, Peru, March 13, 1998.

“Precision Agriculture in Michigan.” Presentation to visiting Mozambican delegation. Agriculture Hall, MSU, Oct. 1, 1997.

“Contingent Valuation of Pesticide Risk Reduction: Survey Design with Preliminary Results on Herbicides in Michigan.” Non-market valuation seminar. Dept. of Agricultural Economics, MSU, Nov. 19, 1996.

“Scoping’ Future Trends among the Department’s Client Groups: Recap of Trends Highlighted by Earlier Speakers.” Dept. of Agricultural Economics, MSU, Oct. 31, 1996.

“Economic Analysis of Linkages Between Agriculture and the Environment.” Dept. of Agricultural Economics and Michigan Agricultural Experiment Station, MSU, Sept. 19, 1996. (Joint presentation with R. Myers, S. Hanson, and E. van Ravenswaay.)

“Adoption of Site-Specific Farming Technologies.” Food and Resource Economics Department, University of Florida, Gainesville, FL, Sept. 6, 1996.

“Collaboration in Developing and Teaching Cases for Active Learning.” Panel discussion during MSU conference on “TA’s and Faculty in Creative Collaboration: Celebrating and Sharing Accomplishments,” with Christopher Peterson, Ray Wagester, and Eunice Foster. MSU Union, Feb. 9, 1996.

“Economic Impacts of Reduced Pesticide Application and Availability.” MAES Fruit Research Programs Information Sharing, Plant & Soil Science Bldg., MSU, Jan. 9, 1996.

“How to Give Professional Presentations: Some How-to Tips.” Lunch seminar for the Graduate Student Organization, Dept. of Agricultural Economics, Michigan State University, E. Lansing, MI, November 8, 1995 (with Laura Martin).

“Natural Resources and the Productivity of Dryland Agriculture: An Economic Perspective.” Mekelle University College of Dryland Agriculture and Natural Resources, Mekelle, Ethiopia. September 26, 1995.

“Factors Influencing the Adoption of Reduced Insecticide Use on Corn Rootworm.” Department of Agricultural Economics, Michigan State University, E. Lansing, MI, August 3, 1995.

“Sustainable Agriculture” ANR 392 (“Agriculture & Natural Resources Seminar”), Michigan State University, February 3, 1994.

“Health and Environmental Issues in Sustainable Development” AEC 991B (“Special Topics in International Agricultural Development”), Department of Agricultural Economics, Michigan State University, February 23, 1994.

“Discussion: Sustainable Agriculture: The Challenge to Neoclassical Economics.” Sustainable Agriculture Discussion Group, Michigan State University, E. Lansing, MI, October 21, 1994.

“Factors Influencing the Adoption of Reduced Insecticide Use for Corn Rootworm Management.” Department of Agricultural and Applied Economics, University of Minnesota, St. Paul, MN, October 12, 1994.

“Economic Methods for Comparing Alternative Crop Production Systems: A Review of the Literature.” Resource & Technology Division, Economic Research Service, U.S. Department of Agriculture, Washington, DC, June 27, 1994.

“Economic Analysis of Investment in Water Table Management for Corn Growers in the Saginaw Bay Region,” Michigan Agricultural Experiment Station, Feb. 16, 1993.

“The Effect of Health Risk on Agricultural Input Demand,” Department of Agricultural Economics, Michigan State, Feb. 11, 1993.

“The Value of Weed Population Information in Threshold-Based Management Decisions,” Kellogg Biological Station, Hickory Corners, MI, Jan. 31, 1992.

“Parameter Identification in Nonlinear Statistical Models: A Monte Carlo Analysis of Crop-Pest Response Functions,” Department of Agricultural Economics, Michigan State, Aug. 4, 1992.

“Integration of Insect and Weed Management in Field Crops” Sustainable Agriculture Discussion Group, Michigan State University, given with Jim Kells and Doug Landis, April 15, 1992.

“Capital Budgeting,” AEC 850 (“Farm Management in Developing Countries”), Department of Agricultural Economics, Michigan State University, February 17, 1992.

“Health Risk,” AEC 882 (“Risk Analysis”), Department of Agricultural Economics, Michigan State University, July 17 and 20, 1992;

“Subject Matter Research,” AEC 991F (Methodological Approaches to Research), Department of Agricultural Economics, Michigan State University, November 11, 1992.

“A Bioeconomic Model for Weed Management in Corn and Soybean.” Ph.D. thesis seminar, Department of Agricultural and Applied Economics, University of Minnesota, June 3, 1991.

“Design and Ex Ante Evaluation of a Weed Management Decision Aid.” Department of Agricultural Economics and Agribusiness, Louisiana State University, Mar. 7, 1991.

“Linear Decision Models in Dynamic Programming.” AGECE 8382 (“Seminar: Farm Management and Production Economics”), Department of Agricultural and Applied Economics, University of Minnesota, Feb. 4, 1991.

“Design and Evaluation of a Decision Aid for Weed Management.” Department of Agricultural Economics, Michigan State University, Jan. 16, 1991.

“Design and Evaluation of a Decision Aid for Weed Management.” AGEC 8200 (“Advanced Topics in Agricultural and Applied Economics”), Department of Agricultural and Applied Economics, University of Minnesota, Jan. 15, 1991.

“The Use of Information to Reduce Agricultural Contamination of Groundwater.” Doctoral Dissertation Fellowship Symposium, University of Minnesota, Dec. 4, 1990.

“A Bioeconomic Model for Weed Management in Corn and Soybean.” Center for Agriculture and Rural Development, Iowa State University, Ames, IA, Dec. 10, 1990.

“Where Do We Go Next? Lessons from the Colorado Model.” NC-202 regional research project annual meeting, Des Moines, IA, Dec. 9-10, 1990.

“Integration of Weed Competition Models into Weed Control Decision Aids.” AGRO 8070 (“Colloquium in Agroecology”), Department of Agronomy and Plant Genetics, University of Minnesota, St. Paul, MN, Nov. 13, 1990.

“A Bioeconomic Model for Weed Management in Corn.” North Central Soil Conservation Research Laboratory, U.S. Agricultural Research Service, Morris, MN, June 20, 1990.

“Cropping Systems Enterprise Budgets for South-Central Niger.” Department of Agricultural Economics, Purdue University, W. Lafayette, IN, May 23, 1986.

“Maize or Pesos: Peasant Farming Practices and Off-Farm Employment in Puebla, Mexico.” Department of Agricultural Economics, Purdue University, Jan. 4, 1983.

“Maize or Pesos: How Off-Farm Jobs and Farming Systems Affect Each Other in Puebla State (Mexico).” Department of Agricultural Economics, Cornell University, Feb. 25, 1982.

“El efecto del empleo fuera de la finca sobre el sistema agrícola campesino.” Centro de Economía, Colegio de Postgraduados, Chapingo, Mexico, Nov. 11, 1981.

“El efecto del empleo fuera de la finca sobre el sistema agrícola campesino.” Centro de Enseñanza, Investigación, y Capacitación para el Desarrollo Agrícola Régional - Unidad Puebla (CEICADAR), Colegio de Postgraduados, Cholula, Mexico, Nov. 10, 1981.

SOFTWARE AND WEB SITES DEVELOPED

Swinton, S.M., W. Zhang, C. Lanser, and D. Frommelt 2005, 2010, 2015, 2019, 2021. "[Economic Analysis of Sustainable Agriculture and Food Systems](#)." Web site introduces basic techniques that can be applied to analyze the economic viability of sustainable agricultural and food systems. Topics covered include: profitability using budgets, environment-profit trade-offs, environmental values, environmental indicators, markets, and business planning. Updated 2010 including new page on data sources (with Anne Weir). Updated 2015 to scalable format for mobile devices (with Sarah Klammer). Updated 2019 (with Alison Ferer).

Swinton, S.M. and C.A. Oriade 1995. "NEGBIN: A Program for Simulating Negative Binomial Variates." In C.A. Oriade, "A Bioeconomic Analysis of Site-Specific Management and Delayed Planting Strategies for Weed Control." Ph.D. dissertation, Department of Applied Economics, University of Minnesota, St. Paul, MN, October, 1995. Pages 132-136.

Wiles, L.J., Robert P. King, Scott M. Swinton, and Donald W. Lybecker, 1993. *General Weed Management Model Beta Test Version 1.0*. (A bioeconomic model for decision support of annual weed management in row crops.)

GRANTS AND AWARDS

External award total: \$124,842,000 of which Swinton directly managed \$4,511,000

MSU internal award total: \$560,000 of which Swinton led on all.

U.S. Department of Agriculture, Economic Research Service. \$975,000 “Measuring the Dynamics of Minimum Required Cover Crop Incentive Payments,” co-PI with F. Lupi and M. Gammans. 09/21 – 9/25. (Cooperative agreement.)

U.S. Department of Agriculture, Natural Resource Conservation Service. \$2,571,064 (Swinton \$189,359) “Digital Agriculture to Enhance the Sustainability of US Cropping Systems,” co-PI with B. Basso, J. Andresen, N. Haddad, and D. Landis. 01/21 – 12/25.

U.S. Department of Agriculture, North-Central Sustainable Agricultural Research and Extension (NC-SARE), \$199,993 (Swinton \$27,000), “Cultivating a morel mushroom industry in the North Central United States,” co-PI with G. Bonito and D. Malone III. 11/19 – 10/22 (extended to 10/23).

National Science Foundation, \$4,508,000 (Swinton \$240,000) for “LTER: The Ecology of Row Crop Ecosystems and Landscapes at the KBS LTER Site,” co-PI with S.K. Hamilton, G.P. Robertson, S. Evans, N. Haddad, D.A. Landis, J. Lau, and S. Marquart-Pyatt. 12/18 - 11/22 (extended to 11/23).

National Science Foundation, \$2,254,000 (Swinton \$120,000) for “LTER: The Ecology of Row Crop Ecosystems and Landscapes at the KBS LTER Site,” co-PI with S.K. Hamilton, G.P. Robertson, S. Evans, D.A. Landis, J. Lau, and S. Marquart-Pyatt. 12/16 - 11/18.

U.S. Department of Energy, \$50,000,000 (MSU part of \$125m total) (Swinton ~\$750,000) for “Great Lakes Bioenergy Research Center,” co-PI with T. Donohue, K. Keegstra et al. in sustainability thrust with G.P. Robertson et al. 12/12 - 11/17.

The Nature Conservancy, \$298,182 (Swinton \$235,000) (subcontract under Great Lakes Protection Fund) for “Great Lakes Watershed Ecological Sustainability Strategy Phase II: Transactions for Agricultural Ecosystem Services,” lead PI with J. Kerr, R. Richardson, and R. Shupp. 3/12 – 6/15.

National Science Foundation, \$5,640,000 (Swinton \$477,000) for “The KBS-LTER Project: Long Term Ecological Research in Row-crop Agriculture,” co-PI with G.P. Robertson, K.L. Gross, S.K. Hamilton, D.A. Landis, T.M. Schmidt and S.S. Snapp. 12/10 - 12/16. (NB: Among many supplements to this award, Swinton part is \$0 unless otherwise indicated.)

U.S. Department of Agriculture, \$46,050 (Swinton \$0) for “Conserving Native Bees and Valuing their Services for Sustainable Specialty Crop Pollination,” co-PI with R. Isaacs, 4/10 - 4/11.

Catholic Relief Services (subcontract under H.G. Buffett Foundation), \$113,916 (Swinton \$113,916) for “Economic Impact Assessment Research for the HGBF-funded ‘Agriculture for Basic Needs’ Project,” lead PI, 10/09 - 8/12.

U.S. Department of Agriculture, \$1,049,674 (Swinton \$110,000) for “Practical Perennials: Partnering with farmers to develop a new type of wheat crop,” co-PI with S. Snapp. 10/09 to 9/13.

U.S. Department of Energy, \$50,000,000 (MSU part of \$125m total) (Swinton \$1,093,000) for “Great Lakes Bioenergy Research Center,” co-PI with T. Donohue, K. Keegstra et al. in sustainability thrust with G.P. Robertson et al. 10/07 - 9/12. (MSU \$50m, incl. Sustainability: Socioeconomics [Swinton lead PI] = ~\$1.8m)

Long-term Ecological Research Network, \$8,150 (Swinton \$8,150) for “Ecosystem Services from Working Lands: Cross-site LTER Research Planning,” lead PI. 1/07 to 8/07.

Michigan State University Vice President for Finance and Operations, \$398,574 for “Costs and Returns for Environmental Stewardship Team,” Co-PI with S. Joshi. 1/07 to 8/11.

Michigan State University Environmental Research Initiative, \$55,000 for “Ecosystem Services from Low-input Cropping Systems,” lead PI with F. Lupi and G.P. Robertson. 8/06 - 8/08.

National Science Foundation, \$399,999 (Swinton \$250,000 est.) for “Ecosystem Services from Low-input Cropping Systems: Incentives to Produce Them and Value of Consuming Them,” (NSF Human and Social Dynamics program) lead PI with F. Lupi and G.P. Robertson. 9/05 - 9/08.

National Science Foundation, \$4,920,000 (Swinton \$403,000) for “Long Term Ecological Research in Row-crop Agriculture,” co-PI with G.P. Robertson, S.H. Gage, K.L. Gross, S.K. Hamilton, D.A. Landis, and T.M. Schmidt. 12/04 - 12/10.

U.S. Department of Agriculture, \$1,505,050 (Swinton \$112,711) for “Soybean Aphid in the North Central U.S.: Implementing IPM at the Landscape Scale,” (USDA Risk Avoidance and Mitigation Program) co-PI with D. Landis, C. DiFonzo, M. Brewer. 9/04 - 9/09.

W. K. Kellogg Foundation, \$65,000 (Swinton \$0) for “Production and Food Systems Ecology at Michigan State University,” co-PI with M. Hamm and D. Buhler. 3/04 - 2/05.

Michigan Agricultural Experiment Station and Corn Marketing Program of Michigan, \$138,564 (Swinton \$0) for “Economic Assessment of Transgenic Herbicide and Insect Resistance Traits in Michigan Corn,” co-PI with J.J. Kells and C. DiFonzo. 7/04 - 6/07.

U.S. Agency for International Development, \$833,256 (Swinton \$416,628) for “Productivity, Sustainability and Marketing Assessment in Central America; Bean/Cowpea Collaborative Research Support Project (CRSP),” co-PI with R. Bernsten. 10/02 - 9/07. (Work in Honduras, Nicaragua and Ecuador.)

Michigan Department of Agriculture, \$20,000 (Swinton \$5,000 est.) for “Orchard Floor Management: Delivering Results and Enhancing Profitability,” lead PI with J. Nugent and D. Epstein. 6/02 - 5/03.

Corn Marketing Program of Michigan, \$21,875 (Swinton \$21,875) for “Profitability Analysis of Site-specific Corn Yield Response to Nitrogen,” lead PI. 8/01 - 8/02.

U.S. Department of Agriculture, SARE grant (via MAES), \$40,000 (Swinton \$20,000 est.) for “Quantifying benefits and costs of cover crops in irrigated vegetable and potato systems,” co-PI with S. Snapp. 1/02 - 12/03

U.S. Department of Agriculture, Economic Research Service, \$40,000 (Swinton \$40,000) for cooperative agreement on “Methodologies for Assessing the Impacts of IPM,” lead PI. 10/96 - 7/00.

Foundation for Agronomic Research Inc, \$45,000 (Swinton \$15,000 est) for “Comparative Analysis of Site Specific and Conventional Fertility Management for Soybean and Corn Growers,” co-PI with R. Brook and D. Warncke. 11/99 - 12/02.

Michigan Soybean Promotion Committee, \$21,789 (Swinton \$21,789) for “On-Farm Testing of WEEDSIM/GWM Weed Management Program,” lead PI with Karen Renner and James Kells. 4/96 - 3/98.

Michigan Soybean Promotion Committee, \$8,450 (Swinton \$0) for “Computer Program to Analyze Precision Agriculture Investment Decisions,” co-PI with Steven Harsh. 1/96 - 12/96.

U.S. Department of Agriculture, Economic Research Service, \$30,000 (Swinton \$15,000) for cooperative agreement on “Health Benefits to Farm Households of Adopting Pest Management Practices that Protect Groundwater,” co-PI with Eileen van Ravenswaay. 10/94 - 9/96.

Michigan Agricultural Experiment Station, \$74,200 for “Improved Fruit Practices: Economic impacts of reduced pesticide availability on Michigan apple, tart cherry, and blueberry production: Short-run and long-run analyses,” lead PI. 8/94 - 9/97.

U.S. Department of Agriculture, Sustainable Agriculture Research and Education Program, \$93,799 (Swinton \$31,000 est.) for “Improving Nitrogen Utilization with Rotation and Cover Crops,” co-PI with Richard Harwood, Ernesto Franco-Vizcaino, Richard Leep, Gerald Schwab, and John Knorek. 10/93 - 12/95.

U.S. Department of Agriculture, Cooperative State Research Service, \$71,472 (Swinton \$14,200) for “Decision Case Use in Agricultural Sciences: Researching, Teaching and Writing,” joint with Eunice Foster, Oran Hesterman, Andrew Skidmore, and Christopher Peterson. 10/93 - 9/95.

Michigan Agricultural Experiment Station, \$60,000 for “Economic Analysis of Linkages between Agriculture and the Environment,” co-PI with Steven Hanson, Robert Myers, and Eileen van Ravenswaay. 8/93 - 8/96.

Michigan Agricultural Experiment Station, \$150,000 for “Evaluation of Site Specific Crop Management Technology for Sustaining and Enhancing Michigan Agriculture,” co-PI with Francis Pierce and Darryl Warncke. 6/93 - 5/96.

Michigan Agricultural Experiment Station, \$200,000 for “Improved Application Technology for High Density Compact Fruit Crops,” co-PI with Gary van Ee, Richard Ledebuhr, Ronald Perry, James Flore, Philip Schwallier, Alan Jones, and James Johnson. 6/93 - 5/96.

Michigan Soybean Promotion Committee, \$21,789 (Swinton \$21,789) for “Field Evaluation of WEEDSIM Weed Management Model in a Corn-Soybean Rotation in Michigan,” co-PI with Karen Renner and James Kells. 4/93 - 3/96.

Michigan Department of Agriculture, \$6,000 (Swinton \$6,000), MSU Extension, \$3,000, and Michigan Agricultural Experiment Station, \$5,000 for “Corn Insect Management Survey,” co-PI with Douglas Landis. 6/92 - 5/93.

Michigan Soybean Promotion Committee, \$9,262 (Swinton \$9,262) for “Adaptation of WEEDSIM Weed Management Model to Michigan Conditions,” lead PI with Karen Renner and James Kells. 4/92 - 3/93.

Michigan Agricultural Experiment Station, \$9,000 for “Economic Evaluation of Investment in Water Table Management for Corn Growers in the Saginaw Bay Region of Michigan,” lead PI. 7/92 - 10/93.

Cornell Latin American Studies Program Scott Paper Award, \$1,700, and Cornell Center for International Studies, \$1,000 for “How Off-Farm Jobs Affect Peasant Maize Production in Puebla, Mexico,” lead PI. 6/81 - 11/81.

INTERNATIONAL CONSULTANCIES

Natural resource economist, Vrije Universiteit Amsterdam team, Niger, January 2006.

Advised researchers on economic impact evaluation of natural resource management projects.

Agricultural economist, Development Alternatives, Inc. team, Ivory Coast, Senegal, Morocco, Tunisia, Niger. June to August, 1988.

Reviewed economic performance of 14 agricultural projects for the African Development Bank.

Agricultural economist, Mississippi State University team, Niger. October to November, 1986.

Reviewed seed multiplication component of USAID Agricultural Production Support Project.

Agricultural statistician, Development Associates, Inc., Senegal. June to August, 1986.

Prepared statistics component of Agricultural Production Support Project design, USAID Senegal.

EDITORIAL SERVICE

Editorial service

- Case Study Editor, *Review of Agricultural Economics* (2001-04)
- Guest Editor, *Journal of Great Lakes Research*, “Sustainable Management of Great Lakes Watersheds Dominated by Agricultural Land Use” 42(6) (December 2016) (Co-editor with J.V. Depinto, J. Kerr, and S. Sowa)
- Guest Editor, *Ecological Economics*, “Ecosystem Services and Agriculture” 64(2) (December 15, 2007) (Lead editor with S. Hamilton, F. Lupi and G.P. Robertson)
- Guest Editor, *World Development*, “Poverty and Environment in Latin America” 31(11) (November 2003) (Lead editor with G. Escobar)
- Associate Editor, *Frontiers in Ecology and the Environment* (2010-13)
- Associate Editor, *American Journal of Agricultural Economics* (2006-09)
- Associate Editor, *Precision Agriculture* (1997-2006)
- Associate Editor, *Journal of Production Agriculture* (1995-99)

Manuscript reviewer for:

- | | |
|--|---|
| <i>Agricultural and Resource Economics Review</i> | <i>Human Ecology</i> |
| <i>Agricultural Economics</i> | <i>International Journal of Production Economics</i> |
| <i>Agricultural Systems</i> | <i>Journal of Agribusiness</i> |
| <i>Agriculture and Human Values</i> | <i>Journal of African Economics</i> |
| <i>Agriculture, Ecosystems, & Environment</i> | <i>Journal of Agricultural and Applied Economics</i> |
| <i>Agronomy Journal</i> | <i>Journal of Agricultural and Resource Economics</i> |
| <i>AMBIO</i> | <i>J. Agric., Biological and Environmental Statistics</i> |
| <i>American Journal of Agricultural Economics</i> | <i>Journal of Agricultural Economics</i> |
| <i>American Journal of Alternative Agriculture</i> | <i>J. Association of Environmental and Resource Economists</i> |
| <i>Applied Economic Perspectives and Policy</i> | <i>Journal of Crop Production</i> |
| <i>Applied Economics Teaching Resources</i> | <i>J. Environmental Economics and Management</i> |
| <i>Applied Energy</i> | <i>Journal of Environmental Management</i> |
| <i>BioEnergy Research</i> | <i>Journal of Environment and Development</i> |
| <i>Biofuels, Bioproducts and Biorefining</i> | <i>Journal of Production Agriculture</i> |
| <i>Canadian Journal of Agricultural Economics</i> | <i>Journal of Soil and Water Conservation</i> |
| <i>Choices</i> | <i>Journal of Soil Contamination</i> |
| <i>Ciencia e Investigación Agraria</i> | <i>J. of the Agricultural and Applied Economics Association</i> |
| <i>Conservation Biology</i> | <i>J. of the Association of Environmental and Resource Economists</i> |
| <i>Contemporary Economic Policy</i> | <i>Journal of Vegetable Crop Production</i> |
| <i>Crop Protection</i> | <i>Land Economics</i> |
| <i>Ecological Applications</i> | <i>Landscape Ecology</i> |
| <i>Ecological Entomology</i> | <i>Native Plants Journal</i> |
| <i>Ecological Economics</i> | <i>National Research Council reports</i> |
| <i>Ecology and Society</i> | <i>Nature Climate Change</i> |
| <i>Economic Development and Cultural Change</i> | <i>Nature Food</i> |
| <i>Environmental and Resource Economics</i> | <i>Nature Sustainability</i> |
| <i>Environmental Management</i> | <i>Pest Management Science</i> |
| <i>Environmental Research Letters</i> | <i>PLoS ONE</i> |
| <i>Environment and Development Economics</i> | <i>Precision Agriculture</i> |
| <i>European Review of Agricultural Economics</i> | <i>PNAS: Proceedings National Academy of Science</i> |
| <i>Food Policy</i> | <i>Resource and Energy Economics</i> |
| <i>Forest Policy and Economics</i> | <i>Review of Agricultural Economics</i> |
| <i>Frontiers in Ecology and the Environment</i> | <i>Review of Economics and Statistics</i> |
| <i>Global Change Biology - Bioenergy</i> | <i>Society & Natural Resources</i> |

USDA Economic Research Service reports
Water Resources Research
Weed Research
Weed Science

Weed Technology
Western Economics Forum
World Development

POSTDOCTORAL MENTORING

Employer and mentor to three postdoctoral research associates.

Teodoros Skevas (2012-14).

Aklesso Egbendewe (2010-12).

Yong Jiang (2007-09).

GRADUATE ADVISING

Ph.D. students:

Major advisor or dissertation supervisor to 1 current doctoral student and 15 who completed Ph.D. degrees.

Guidance committee member for 3 other doctoral students at present and 41 who completed Ph.D. degrees.

Served as external Ph.D. examiner at University of Guelph (Canada, 1997), Wageningen University (Netherlands, 2001), University of Western Australia (2011), and ETH Zurich (2024).

M.S. students:

Major advisor or thesis research supervisor for 20 students who completed M.S. degrees. Guidance committee member for 24 other students who completed M.S. degrees.

Awards earned by my advisees:

Outstanding Thesis, MSU Agricultural, Food, and Resource Economics Department:

Braeden Van Deynze, Ph.D. 2020.

Zachary Luther, M.S., 2020.

Elena Dulys-Nusbaum, M.S., 2017.

Shan Ma, Ph.D., 2011.

Feng Song, Ph.D., 2010.

Christina B. Jolejole, M.S., 2009.

Wei Zhang, Ph.D., 2007 (*AAEA Outstanding Ph.D. dissertation, Honorable Mention*).

Daniel F. Mooney, M.S., 2007 (*AAEA Outstanding M.S. thesis, Honorable Mention*).

Yanyan Liu, M.S., 2003.

Blessing M. Maumbe, Ph.D., 2001.

Mei-chin Chu, Ph.D., 1997.

Wayne S. Roberts, M.S., 1996.

P. Katherine Kampmann, M.S. 1993 (*AAEA Outstanding M.S. thesis, Honorable Mention*).

AAEA Sylvia Lane Mentor Fellowship winner, Leah Harris, 2013.

Kellogg Biological Station Long Term Ecological Research Summer Fellow, Braeden VanDeynze, 2018.

Kellogg Biological Station Long Term Ecological Research Doctoral Fellow:

Natalie Loduca, 2022

Leah H Palm-Forster, 2014-15.

MSU Glenn & Sandy Johnson Dissertation Enhancement Award:

Leah H. Palm-Forster, 2013.

Shan Ma, 2010.

MSU A. Allan Schmid Fellowship in Institutional Economics: Natalie Loduca, 2023.

National Academy of Science Christine Mirzayan Science and Technology Policy Graduate Fellow, Shan Ma, 2011.

AAEA Chester O. McCorkle Graduate Student Scholarship winner, Feng Song, 2009.

GRADUATE THESES SUPERVISED***Ph.D. Dissertations (16)***

Lee, Seowoo. “Balancing Crop Production and Environmental Conservation: Precision Agriculture and Wind Turbines on Farmland.” Ph.D. Michigan State University (expected May 2025).

Loduca, Natalie. “Understanding Farmer Decisions about Climate Change Adaptation and Conservation Decisions in Agriculture.” Ph.D. Michigan State University, July 2024.

Van Deynze, Braeden. “To Spray or Not to Spray: The Economics of Weed and Insect Management under Evolving Ecological Conditions.” Ph.D. Michigan State University, April 2020. (*Outstanding Ph.D. Dissertation of 2020 in Agricultural, Food and Resource Economics at Michigan State University.*)

Palm-Forster, Leah Harris. “Cost-effective Conservation Programs to Enhance Ecosystem Services in Agricultural Landscapes.” Ph.D. Michigan State University, December 2015.

Peralta, M. Alexandra. “Impact Evaluation of a Multi-Intervention Development Project: Effects on Adoption of Agricultural Technologies and Levels of Trust.” Ph.D. Michigan State University, February 2014.

Ma, Shan. “Supply and Demand for Ecosystem Services from Cropland in Michigan.” Ph.D. Michigan State University, December 2011. (*Outstanding Ph.D. Dissertation of 2011 in Agricultural, Food and Resource Economics at Michigan State University.*)

Song, Feng. “Essays on Land Use Decisions for Energy Crop Production and the Effects of Subsidies under Uncertainty and Costly Reversibility.” Ph.D. Michigan State University, October 2010. (Co-advised with Jinhua Zhao.) (*Outstanding Ph.D. Dissertation of 2010 in Agricultural, Food and Resource Economics at Michigan State University.*)

Zhang, Wei. “Optimal Pest Management in the Presence of Natural Pest Control Services.” Ph.D. Michigan State University, December 2007. (*Outstanding Ph.D. Dissertation of 2007 in Agricultural Economics at Michigan State and Outstanding Ph.D. Dissertation: Honorable Mention by American Agricultural Economics Association.*)

Mazhangara, Edward P. “The Economic Impact of Prime Age Adult Mortality on Malawian Agricultural Households in the Era of HIV/AIDS.” Ph.D. Michigan State University, August 2007.

Okello, Julius J. “Compliance with International Food Safety Standards: the Case of Green Bean Production in Kenyan Family Farms.” Ph.D. Michigan State University, December 2005.

Labarta-Chávarri, Ricardo A. “Essays on the Economic Evaluation of Integrated Pest Management Extension in Nicaragua.” Ph.D. Michigan State University, December 2005.

Maumbe, Blessing M. “Essays on the Economics of Cotton Production in Zimbabwe: Policy Implications for Technology Adoption, Farmer Health and Market Liberalization.” Ph.D. Michigan State University, June 2001. (*Outstanding Ph.D. Dissertation of 2001 in Agricultural Economics at Michigan State.*)

Gebremedhin, Berhanu. “The Economics of Soil Conservation Investments in the Tigray Region of Ethiopia.” Ph.D. Michigan State University, May 1998.

Chu, Mei-chin. “Designing Contracts to Reduce Non-point Source Pollution.” Ph.D. Michigan State University, August 1997. (*Outstanding Ph.D. Dissertation of 1997 in Agricultural Economics at Michigan State.*)

Owens, Nicole N. “Farmer Willingness to Pay for Herbicide Safety Characteristics.” Ph.D. Michigan State University, June 1997.

Ngwira, Naomi A. “The Role of Dimba Land and Small Scale Irrigation in Smallholder Farmers' Food Security in Malawi: An Application of Safety First Chance-Constrained Target MOTAD.” Ph.D., Michigan State University, November 1994.

M.S. Theses and Plan B Papers (20)

Luther, Zachary R. “Farmer Willingness to Plant Prairie Strips into Crop Fields: Evidence from the Eastern Corn Belt.” M.S. Plan B Research Paper, Michigan State University, May 2020. (*Outstanding M.S. Thesis of 2020 in Agricultural, Food, and Resource Economics at Michigan State.*)

Klammer, Sarah S.H. “To Chip or Not to Chip: Timber Residue Supply in Michigan’s Upper Peninsula.” M.S. thesis, Michigan State University, October 2017.

Dulys-Nusbaum, Elena. “Timber Residue Supply for Bioenergy in the Northern Tier of the Great Lakes: Determinants and Availability.” M.S. thesis, Michigan State University, May 2017. (*Outstanding M.S. Thesis of 2017 in Agricultural, Food, and Resource Economics at Michigan State.*)

Hayden, Noel J. “Landowner Willingness to Supply Marginal Land for Bioenergy Production in Michigan.” M.S. thesis, Michigan State University, March 2014.

Richards, Peter D. “Exchange Rates and the Sourcing of Agricultural Production in an Age of Globalization.” M.S. Plan B Research Paper, Michigan State University, October 2012.

Peralta, María Alexandra. “Food vs. Wood: Dynamic Choices for Kenyan Smallholders.” M.S. Plan B Research Paper, Michigan State University, September 2012.

Weir, Anne. “Evaluating the Economic Feasibility of Environmentally Beneficial Agricultural Technologies Compared to Conventional Technologies.” M.S. Plan B Research Paper, Michigan State University, June 2012.

James, Laura K. “Theory and Identification of Marginal Land and Factors Determining Land Use Change.” M.S. Plan B Research Paper, Michigan State University, December 2010.

Ma, Shan. “Hedonic Valuation of Ecosystem Services Using Agricultural Land Prices.” M.S. Plan B Research Paper, Michigan State University, March 2010.

Jolejole, María Christina B. “Trade-offs, Incentives and the Supply of Ecosystem Services from Cropland.” M.S. thesis, Michigan State University, June 2009. (*Outstanding M.S. Thesis of 2009 in Agricultural, Food, and Resource Economics at Michigan State.*)

Mooney, Daniel F. “The Economic Impact of Disease-Resistant Bean Breeding Research in Northern Ecuador.” M.S. thesis, Michigan State University, December 2007. (*Outstanding M.S. Thesis of 2007 in Agricultural Economics at Michigan State and Outstanding M.S. Thesis: Honorable Mention by American Agricultural Economics Association.*)

Sanchez, Valeria. “The Determinants of Rural Non-Farm Employment and Incomes in Bolivia.” M.S. thesis, Michigan State University, November 2006.

Labarta-Chávarri, Ricardo A. “Charcoal Production and Agricultural Expansion into the Peruvian Amazon Rainforest: A Household Economic Analysis.” M.S. Plan B Research Paper, Michigan State University, December 2004.

Liu, Yanyan. “Profitability of Site-Specific Nitrogen Recommendations for Michigan Corn.” M.S. Plan B Research Paper, Michigan State University, July 2003. (*Outstanding M.S. Thesis of 2003 in Agricultural Economics at Michigan State.*)

Williams, Mollie B. “Methodology for an IPM Impact Assessment: Development and Application of a Protocol in Michigan Tart Cherries.” M.S. Plan B Research Paper, Michigan State University, June 2000.

Martin, Christine A. “Supply Response in Argentina: Aggregate Planted Area in Crop Production.” M.S. Plan B Research Paper, Michigan State University, December 1998.

Rozanski, Susan G. “Econometric Estimation of Tart Cherry Supply Response to Loss of Pesticide Alternatives.” M.S. Plan B Paper, Michigan State University, May 1997.

Roberts, Wayne S. “Examining Trade-Offs between the Economics and Environmental Costs of Increased Cropping Diversity in Central Michigan.” M.S. thesis, Michigan State University, August 1996. (*Outstanding M.S. Thesis of 1996 in Agricultural Economics at Michigan State.*)

Clark, David S. “Governmental Programs and Their Effect on the Adoption of Sustainable Agricultural Production Practices with Special Emphasis on Nitrogen Utilization.” M.S. thesis, Michigan State University, December 1993.

Kampmann, P. Katherine. “Risk Analysis of Subirrigation Investment Decisions for Corn Production in the Saginaw Bay Area of Michigan.” M.S. thesis, Michigan State University, February 1993. (*Outstanding M.S. Thesis of 1993 in Agricultural Economics at Michigan State and winner of “Honorable Mention” for Best M.S. Thesis by American Agricultural Economics Association.*)

SERVICE ON NATIONAL AND INTERNATIONAL COMMITTEES AND TASK FORCES

[National Academies of Sciences, Engineering, and Medicine](#) (NASEM) report-writing committees:

- An Assessment of Native Seed Needs and Capacities (2019-22).
- A Framework for Assessing the Health, Environmental, and Social Effects of the Food System (2013-15).
- The Status of Pollinators: Monitoring and Prevention of Their Decline (2005-06).

[AgEcon Search Advisory Board](#): Chairperson, 2020-24.

External review committees:

- University of Nebraska 2025 (invited), Department of Agricultural Economics.
- University of Illinois 2022, Department of Agricultural and Consumer Economics.
- Oklahoma State University, 2017, Department of Agricultural Economics.
- USDA Economic Research Service, 2015. Climate, Resources, and Technology programs.
- Virginia Tech University, 2013. Department of Agricultural and Applied Economics.
- Wageningen University, Netherlands, 2009. Mansholt Graduate School of Social Sciences.
- International Potato Center (CIP), Lima, Peru, 1999. Natural Resources Management program.

External advisor:

- American Museum of Natural History. Network of Conservation Educators and Practitioners (2018).
- American Museum of Natural History. “[Our Global Kitchen: Food, Nature, Culture](#)” exhibition (2012).
- Canadian Pollination Research Network (Natural Sciences and Engineering Research Council of Canada [NSERC]). Science Advisory Committee (2009-11).
- University of Illinois. USDA NIFA Sustainable Agricultural Systems project on “Sustainably Colocating Agricultural and Photovoltaic Electricity Systems (SCAPES)” (2021-25).

NSF Long-term Ecological Research Network

Science Planning Conference Committee (2005-06).

Science Council (2006-08).

Council of Food, Agricultural and Resource Economics (C-FARE).

- Lead author, white paper on “Contributions of Economics to NIFA Priorities: Plant and Animal Systems” (2010).
- Member, Blue Ribbon Panel on Natural Resources and Environmental Issues (2011-14).

Committee for Agricultural Science and Technology (CAST) of the National Research Council Board on Agriculture:

- Member, advisory panel on impact of implementing the Food Quality Protection Act (1998-99).
- Member, task force on status of Integrated Pest Management (1999-2002).

U.S. Department of Agriculture

- Co-manager, NIFA grant review panel on Sustainable Agricultural Systems (2018-19).
- Member, regional research committee NC-202 on “Biological and Ecological Basis for Weed Management Decision Support Systems to Reduce Herbicide Use in a Corn-Soybean Rotation.” (1992-2000).
- Member, regional research committee NCR-180 on “Site Specific Management.” (1993-2002).
- Member, regional research committee NCR-142 on “Economics of Biotechnology in Agriculture.” (1992).

PROFESSIONAL SOCIETY MEMBERSHIP AND SERVICE

Agricultural and Applied Economics Association (AAEA) (1986 - present).

President-Elect, President, Past President (elected), 2016-19.

Board of Directors, member (elected), 2012-15.

Selected Papers competition, topic leader 2003, reviewer 1995, 2001, 2004, 2007, 2008, 2009, 2015.

Bruce Gardner Prize for Applied Policy Analysis award subcommittee (2010-13).

Quality of Communications Award subcommittee (2003-05); chair (2005).

Quality of Teaching Awards subcommittee (1995-97).

International Association of Agricultural Economists (1988-91, 1995 - 2024).

U.S. Council of the IAAE member (elected by U.S. IAAE members), 2008-13.

Interim U.S. country representative, Berlin, Germany, 2000.

Contributed papers reviewer, 2006.

American Economic Association (1992 - 2024).

Association of Environmental and Resource Economists (2001, 2003-04, 2011-2024).

American Association for the Advancement of Science (2006 - 07)

Latin American Association of Environmental and Resource Economists (ALEAR) (2003-04).

Northeastern Agricultural and Resource Economics Association (1994-95, 2006, 2011).

Soil and Water Conservation Society (1998-2002)

Western Agricultural Economics Association (1990-91).

West African Association of Agricultural Economists (1983-86).

SERVICE ON UNIVERSITY COMMITTEES

University

MSU Environmental Stewardship Steering Committee (under Office of V.P. for Finance & Operations)

Co-leader, Costs & Returns for Environmental Stewardship Team (CREST) (2006-10).

Core faculty, African Studies Center (2001-2024).

Core faculty, Center for Latin American and Caribbean Studies (2000-2024).

Core faculty, Environmental Science and Policy program (2003-2024).

Member, ESPP Communications advisory committee (2009-11).

MSU-Compton Peace Ph.D. Fellowship Award Committee (2001-07).

University Committee on Faculty Tenure (1992-94).

National Food Safety and Toxicology Center: Policy Section Planning Committee (1992-95).

Committee for C.S. Mott Predoctoral Fellowships in Sustainable Agriculture (1993-97).

College of Agricultural and Natural Resources and Michigan AgBioResearch

College Reappointment, Tenure and Promotion Committee (2018-21).

College Advisory Council (2000-02), elections officer (2001-02).

College Graduate Committee (2002-05), *chair* (2003-04).

College Strategic Intent steering committee (2001-02).

Search committees:

Dean, College of Agriculture and Natural Resources, 2022

Science Coordinator, Long-term Ecological Research at Kellogg Biological Station, *co-chair* (2008-10)

Director, Kellogg Biological Station (2004-05).

C. S. Mott Chair in Sustainable Agriculture (2001-02).

Associate Dean, Academic and Student Affairs, College of Agricultural and Natural Resources (1993).

Agricultural Economics Dept. Chairperson Performance Review Committee, *chair* (1998)

Deer Damage Committee, Michigan Agricultural Experiment Station (1992-93).
Integrated Pest Management Task Force (1992-97).

Department of Agricultural, Food, and Resource Economics

75th Anniversary task force; *chair* (2023-24).

Interim Director of Graduate Admissions (2020)

Department Advisory Committee (1996-98, 2004-06; 2010-11; 2019-20; 2024): *chair* (1997-98, 2005-06, 2019-20)

Reappointment, Tenure and Promotion Committee (2003-04, 2006-07, 2016-17, 2018-21); *chair* (2018-21).

Editor, *Advancing Economics, Transforming Lives* (MSU AFRE quarterly newsletter) (2011-16, 2021-23).

Faculty mentoring committees for F. Lupi, R. Horan, S. Thornsbury, Z. Guan, G. Pofahl, S. Jin, A. Dillon, S.

Liverpool-Tasie, D. Ortega, E. Nakasone, V. Caputo, M. McKendree, M. Olabisi, V. Thériault.

Graduate Policy Committee (1999-2004, 2007-09; 2011-16); *chair* (2000-02, 2003-04, 2007-09).

Graduate Admissions Committee (2003-04, 2011-16); *chair* (2011-16, 2020).

Graduate Student Orientation Committee (1992-94, 2011-16), *chair* (1993-94, 2011-16).

AFRE 75th Anniversary Task Force, *chair* (2023-24).

Ad hoc Graduate Committee for Strategic Plan (2016-17), *chair*.

Awards Committee (2016-17, 2020-21); *chair* (2016-17)

Ph.D. field examination committees:

Environmental and Resource Economics (2010, 2016), *chair* (spring 2010)

Finance and Production Economics (2002, 2005-present), *chair* (spring 2002, fall 2005, fall 2006, spring 2011).

Firm Management (1994-95), *chair* (1997).

General Agricultural Economics (1992, 1995-96, 2001).

Reference Services Committee (1993-96, 2002-03), *chair* (2002-03).

Search committees at Department level:

AFRE Department office coordinator (2022-23)

AFRE Department business manager (2022)

Farm Management/Production Economist, assistant professor (2019-20)

Communications Manager (2017, 2022)

Graduate program academic coordinator (2016)

AFRE Department Chairperson, *chair* (2014-15)

Energy Economist (joint with Economics), assistant professor (2007-08)

International Development Economist, assistant professor, *chair* (2006)

Retail Information Analyst, assistant professor (2005-06)

Finance Economist, assistant professor (2005-06)

Dairy Farm Management Economist, assistant professor (1994-95)

Seminar Committee (1991-92).