**CHRISTOPHER A. WOLF**

451A Warren Hall

Cornell University

Ithaca, NY 14853-7801

email: cwolf@cornell.edu

**PROFESSIONAL EXPERIENCE**

 Cornell University, Charles H. Dyson School of Applied Economics and Management

 E.V. Baker Professor of Agricultural Economics, July 2020-Present

 Director of Land Grant Programs, July 2020-Present

Professor, July 2019-present

Michigan State University, Department of Agricultural, Food, and Resource Economics

Co-Director, Telfarm Financial Management Center, April 2017-June 2019

Professor, July 2009-June 2019

Associate Professor, July 2003-June 2009

Assistant Professor, October 1997-June 2003

**EDUCATION**

University of California-Davis

 Ph.D., Agricultural and Resource Economics. 1997

University of Wisconsin-Madison

B.S. with Honors, Agricultural Economics. 1991

**PROFESSIONAL AFFILIATIONS**

Agricultural and Applied Economics Association

Dairy Markets and Policy Extension Education Committee

American Dairy Science Association

 Northeastern Agricultural and Resource Economics Association

**INSTRUCTION**

Cornell University

 AEM 2050 Agricultural and Agribusiness Finance: 2020-present.

 AEM 3040 Dairy Markets and Policy: 2020-2024.

Michigan State University

ABM 430 Advanced Farm Business Management: 2005-2018.

AEC 851 Agribusiness Operations Management: 2003-2019.

ABM 130 Introductory Farm Business Management: 2000-2004.

**DISTINCTIONS AND AWARDS**

Chair, New York Milk Market Advisory Council, 2024-present

Faculty Fellow, Cornell Atkinson Center for Sustainability, 2022-present

Food Distribution Research Society Presidential Award for Excellence in Research and

Communication, 2022

MSU David B. Schweikhardt Service Award, 2018

Agricultural and Applied Economics Association, Distinguished Extension Program–

Group, 2015

Michigan State University Extension, Institute Team Award, 2015

MSU Dept of Ag., Food and Res. Econ., Excellence in Research Award, 2013

Honorary State Degree, Michigan FFA, 2010

Domain Leader, Farm Business Management Section, DAIReXNET, 2007-2009

MSU Dept of Ag., Food and Res. Econ., Excellence in Outreach Award, 2008

Honorable Mention, American Journal of Agricultural Economics, Outstanding Journal

Article, 2005

American Agricultural Economics Association, Distinguished Extension Program–

Group, 2000

**PUBLICATIONS**

**Journal Articles**

108. Schaefer, K.A. and C.A. Wolf. “Trade Protection via Tariff Rate Quota Administration.”

Forthcoming in *Food Policy*.

107. Bir, C., N. Widmar, C. Etumnu, N. Slipchenko, A. Polcyn, and C. Wolf. “Transitivity

violation detection algorithm for discrete choice experiments.” Q Open 3(June

2023). doi: 10.1093/qopen/qoad019

106. Wolf, C. and J. Karszes. “Financial Risk and Resiliency on US Dairy Farms: Measures,

Thresholds and Management Implications.” *Journal of Dairy Science* 106(May 2023).

doi: 10.3168/jds.2022-22711

105. DeMuth, B., T. Malone, B. McFadden and C. Wolf. “Choice Effects Associated with

Banning the Word 'Meat' on Alternative Protein Labels.” *Applied Economics Perspectives and Policy* 45(March 2023):128-144. doi: 10.1002/aepp.13319

104. Ortez, M. N. Olynk Widmar, M. Mallory, C.A. Wolf and C. Bir. “Online media in dairy

markets: A U.S Dairy Futures Market Study.” *Agricultural Finance Review* 83(January 2023):168-185. doi: 10.1108/AFR-03-2022-0034

103. Ufer, D., D. Ortega, C. Wolf, and M. McKendree. “Getting Past the Gatekeeper: Key

Motivations of Dairy Farmer Intent to Adopt Animal Welfare-Improving Biotechnology.” *Food Policy* 112(October 2022). doi: 10.1016/j.foodpol.2022.102358

102. Oishi, K., S. Miller, T. Malone and C. Wolf. “The Changing Role of Fat Perceptions in

Fluid Milk Labeling: Would the Dairy Industry Sell More if 2% Milk was Called “98% Fat Free”?” *Journal of Food Distribution Research* 53(July 2022):57-75. *Food Distribution Research Society Presidential Award for Excellence in Research and Communication.*

101. Ufer, D., D. Ortega and C. Wolf. “The Economics of Information and Redundant Labels in

the Milk Industry.” *Applied Economics Perspectives and Policy* 44(June 2022):960-981.

doi: 10.1002/aepp.13155

100. Ufer, D., D. Ortega, C. Wolf, J. Swanson and M. McKendree. “Biotechnology that

Improves Farm Animal Welfare: Market Acceptance of Gene-Editing and Immunocastration in the U.S. Pork Industry.” *Journal of Agricultural and Resource Economics* 47(May 2022):444-461. doi: 10.22004/ag.econ.313315

99. Bozic, M. and C. Wolf. “Negative Producer Price Differentials in Federal Milk Marketing

Orders: Explanations, Implications and Policy Options.” *Journal of Dairy Science*

105(January 2022):424-440. doi: 10.3168/jds.2021-20664

98. Bir, C., C. Wolf, and N. Widmar. “Dog and Cat Owner Demand for Veterinary Service

Payment Plans.” *Journal of Agricultural and Resource Economics* 46(May 2021):308-324. doi: 10.22004/ag.econ.304765

97. Wolf, C., A. Novakovic and M. Stephenson. “COVID-19 and the US Dairy Supply Chain.”

*Choices*. 36(May 2021).

96. Wolf, C., T. Malone, and B. McFadden. “US Beverage Milk Consumption: Who is

Substituting for Plant-Based Beverages?” *Journal of Dairy Science* 103(December 2020):11209-11217.

95. Wolf, C., J. Black and M. Stephenson. “Benchmarking Upper Midwest Dairy Farm

Profitability.” *Agricultural Finance Review* 80:(Issue 5, December 2020):733-744.

94. Widmar, N., C. Bir, C. Wolf, J. Lai, and Y. Liu. “#Eggs: Social media derived perceptions of

egg laying hen housing.” *Poultry Science* 99(November 2020):5697-5706.

93. Bir, C., N. Widmar, N. Slipchenko, C. Wolf, C. Hansen, F. Ouedraogo. “Online Procurement

of Pet Supplies and Willingness to Pay for Veterinary Telemedicine.” *Preventive Veterinary Medicine* 181(August 2020):105073.

92. Widmar, N., C. Bir, J. Lai and C. Wolf. “Public Perceptions of Veterinarians from Social and

Online Media Listening.” *Veterinary Sciences* 7(July 2020):75.

91. Bir, C., N. Widmar, N. Thompson, J. Townsend, and C. Wolf. “US respondents’

willingness-to-pay for pasture access, antibiotic use, and dehorning practices for dairy cattle in cheddar cheese.” *Journal of Dairy Science* 103(April 2020):3234-3249.

90. Bir, C., M. Ortez, N. Widmar, C. Wolf, C, Hansen, and F. Ouedraogo. “Familiarity and Use

of Veterinary Services by US Resident Dog and Cat Owners.” *Animals* 10(March 2020):483.

89. Ortez, M., C. Bir, N. Widmar, and C. Wolf. “Perceptions of Prominent Animal Welfare and

Veterinary Care Organizations in the United States.” *Animals* 10(March 2020):472.

88. Hogeveen, H., W. Steenveld and C. Wolf. “Production diseases reduce the efficiency of dairy

production: A review of methods and approaches used to estimate the economics of mastitis.” *Annual Review of Resource Economics* 11(October 2019):289-312.

87. Ufer, D., D. Ortega and C. Wolf. “Economic Foundations for the Use of Biotechnology to

Improve Farm Animal Welfare.” *Trends in Food Science and Technology* 91(September 2019):129-138.

86. Ochs, D., C. Wolf, N. Widmar, C. Bir, and J. Lai. “Information Effects on U.S. Consumer

Demand for Egg Production Attributes.” *Food Policy* 87(August 2019):101743.

85. Tonsor, G. and C. Wolf. “US Farm Animal Welfare: An Economic Perspective.” *Animals*

9(June 2019):367.

84. Ochs, D., C. Wolf, N. Widmar, and C. Bir. “Is there a “cage-free” lunch in US Egg

Production? Public views of laying hen housing attributes.” *Journal of Agricultural and Resource Economics* 44(May 2019):345-361.

83. Widmar, N., C. Wolf, C. Morgan, S. Downey, and C. Croney. “Who’s Responsible Here? US

Consumer Perceptions of Food Retailer Corporate Social Responsibility.”*International Food and Agribusiness Management Review* 22(May 2019):339-350.

82. Bir, C., N. Widmar, C. Wolf, and M. Delgado. “Traditional Attributes Moo-ve Over for

Some Consumer Segments: Relative Ranking of Fluid Milk Attributes.” *Appetite* 134(March 2019):162-171.

81. Lai, J., N.J. Widmar, and C.A. Wolf. “Dairy Farm Management Priorities and Implications.”

*International Food and Agribusiness Review* 22(January 2019):15-30.

80. Bir, C., Cummins, A.M., N.J.Widmar, and C.A. Wolf. “Willingness-to-Pay Estimates

Informing Agribusiness Decision Making: A Cautionary Tale.” *International Food and Agribusiness Management Review* 21(December 2018):865-882.

79. Hennessy, D., H. Feng, M. McKendree, and C. Wolf. “Dairy Sector Consolidation, Scale,

Automation and Factor Biased Technical Change: Working Through ‘Get Big or Get Out’.” *Choices* 33(November 2018).

78. Novakovic, A. and C. Wolf. “Disorderly marketing in the 21st Century US Dairy Industry.”

*Choices* 33(November 2018).

77. McKendree, M., G. Tonsor and C. Wolf. “Animal Welfare Perceptions of the U.S. Public and

Cow-Calf Producers.” *Journal of Agricultural and Applied Economics* 50(November 2018):544-578.

76. Ochs, D., C. Wolf, N. Widmar, and C. Bir. “Consumer Perceptions of Hen Housing

Systems.” *Poultry Science* 97(October 2018):3390-3396.

75. Polzin, L., C. Wolf, and J. Black. “Accelerated tax depreciation and farm investment:

Evidence from Michigan.” *Agricultural Finance Review* 78(May 2018):364-375.

74. Barrientos-Blanco, J., N. Thompson, N.J. Olynk Widmar, C.A. Wolf, and L. Unruh Snyder.

“Expected value of crossbred dairy cattle artificial insemination breeding strategies in

heifers and lactating cows.” *Livestock Science* 211(May 2018):66-74.

73. Hadrich, J., C. Wolf, J. Lombard, and T. Dolak. “Estimating milk yield and value losses from

increased SCC scores on U.S. dairy farms.” *Journal of Dairy Science* 101(April 2018):3588-3596.

72. Hennessy, D. and C. Wolf. “Asymmetric Information and Externalities in Animal Disease.”

*Journal of Agricultural Economics* 69(February 2018):226-242.

71. Ortega, D. and C. Wolf. “Demand for Farm Animal Welfare and Producer Implications:

Results from a Field Experiment in Michigan.” *Food Policy* 74(January 2018):74-81.

70. Widmar, N., C. Morgan, C. Wolf, E. Yeager, and C. Croney. “U.S. Resident Perceptions of

Dairy Cattle Management Practices.” *Agricultural Sciences* 8(July 2017):645-656.

69. Thompson, N., N. Widmar, M. Shutz, J. Cole and C. Wolf. “Economic considerations

of breeding for polled dairy cows versus dehorning in the United States.” *Journal of Dairy Science* 100(June 2017):4941-4952. Selected as *Editor’s Choice.*

68. Wolf, C. and G. Tonsor. “Cow Welfare in the U.S. Dairy Industry: Willingness-to-Pay and

Willingness-to-Supply.” *Journal of Agricultural and Resource Economics* 42(May 2017):164-179.

67. Wolf, C. “Using Institutional and Behavioral Economics to Examine the Animal Health

System.” The Economics of Animal Health. *OIE Scientific and Technical Review* 36(April 2017): 67-74.

66. Hadrich, J., C. Wolf, and K. Johnson. “Characterizing U.S. Dairy Farm Income and Wealth

Distributions.” *Agricultural Finance Review* 77(2017):64-77.

65. Novakovic, A. and C. Wolf. “Federal Interventions in Dairy Markets.” *Choices*

31(December 2016).

64. Wolf, C., M. Stephenson, W. Knoblauch, and A. Novakovic. “Dairy Farm Financial

Performance: Firm, Year, and Size Effects.” *Agricultural Finance Revie*w 76(2016):532-543.

63. Widmar, N.J., E.S. Byrd, S. Dominick, C.A. Wolf, and L. Acharya. “Holiday consumption

behaviors and social desirability bias.” *Preventive Medicine Reports* 4(July 2016):270-276.

62. Widmar, N.J., E.S. Byrd, C.A. Wolf, and L. Acharya. “Health consciousness and consumer

preferences for holiday turkey attributes.” *Journal of Food Distribution Research* 47(July

2016):83-97.

61. Wolf, C., G. Tonsor, M. McKendree, D. Thomson and J. Swanson. “Public and farmer

perceptions of dairy cattle welfare in the United States.” *Journal of Dairy Science* 99(July 2016):5892-5903.

60. Wolf, C. and N.J. Olynk Widmar. “Can Insurance Provide the US Dairy Farm Safety Net?”

*Agricultural and Food Economics* 3(May 2015).

59. Wolf, C., M. Bozic, M. Stephenson, and K. Behnke. “Where the Grass is Always Greener:

Dairy Farmer Location Preferences.” *Choices* 30(May 2015).

58. Lord, E.D., N.J. Olynk Widmar, W.M. Hilton, B.A. Gloy, C.A. Wolf. “Evaluating the

expected value of beef reproduction strategies in an era of volatile feed and cattle prices.” *Livestock Science* 174(April 2015):113-125.

57. Horan, R., E. Fenichel, D. Finoff, and C. Wolf. “Arbitrage of Epidemiological Risks in

Livestock Markets.” *Journal of Economic Dynamics and Control* 53(April 2015):192-207.

56. Wolf, C., A. Novakovic, M. Stephenson, and W. Knoblauch. “Indicators of Dairy Farm

Financial Condition as Policy Triggers.” *Journal of Agribusiness* 32(Fall 2014)127-143.

55. Wolf, C. and N. Olynk Widmar. “Dairy Farmer Adoption of Forward-Pricing Methods.”

*Journal of Agricultural and Applied Economics* 46(November 2014):527-541.

54. Wolf, C. and G. Tonsor. “Dairy Farmer Policy Preferences.” *Journal of Agricultural and*

*Resource Economics* 38(August 2013):220-234.

53. Binkley, D., S. Harsh, C. Wolf, D. Kirk, and S. Safferman. “Electricity Purchase Agreements

and Distributed Energy Policies for Anaerobic Digesters.” *Energy Policy* 53(February 2013):341-352*.*

52. Olynk, N., C. Wolf, and G. Tonsor. *“*Production Technology Option Value: The Case of

rbST in Michigan.” *Agricultural Economics* 43(November 2012 Supplement S1):1-9*.*

51. Wolf, C. “Dairy Farmer Use of Price Risk Management Tools.” *Journal of Dairy Science*

95(July 2012):4176-4183*.*

50. Tonsor, G. and C. Wolf. “The Effect of Video Information on Consumers: The Case of Milk

Production Attributes.” *American Journal of Agricultural Economics* 94(2012):503-508.

49. Wolf, C., G. Tonsor, and N. Olynk. “Understanding US Consumer Demand for Milk Production Attributes.” *Journal of Agricultural and Resource Economics* 36(August 2011):326-342.

48. Wolf, C., F. Lupi, and S. Harsh. “Farmer Demand for Financial Record-Keeping System Attributes.” *Agricultural Finance Review* 71(2011):259-276.

47. Davis-Rincker, L., M. Vandehaar, C. Wolf, J. Liesman, L. Chapin, and M. Weber-Nielsen.

 “Effect of Intensified Feeding of Calves on Growth, Pubertal Age, Calving Age, Milk Yield, and Economics.” *Journal of Dairy Science* 94(July 2011):3554-3567.

46.Tonsor, G. and C. Wolf. “On Mandatory Labeling of Animal Welfare Attributes.” *Food Policy* 36(June 2011):430-437*.*

45. Vollmer-Sanders, C., C. Wolf, and S. Batie. “Financial and environmental consequences of a

 voluntary farm environmental assurance program in Michigan.” *Journal of Soil and Water Conservation* 66(March/April 2011):122-131.

44. Hadrich, J. and C. Wolf. “Citizen Complaints and Environmental Regulation of Livestock Operations.” *Journal of Animal Science* 89(January 2011):277-286*.*

43. Olynk, N., and C. Wolf. “Aligning Incentives for Contract Dairy Heifer Raising.” *Journal of*

*Agricultural and Resource Economics* 35(December 2010):489-502.

42. Hadrich, J., T. Harrigan and C. Wolf. “Economic Comparison of Liquid Manure Transport and Land Application in the Great Lakes Region.” *Applied Engineering in Agriculture* 26(2010):743-758.

41. Horan, R., E. Fenichel, C. Wolf, and B. Gramig. “Managing Infectious Animal Disease Systems.” *Annual Review of Resource Economics* 2(2010):101-124.

40. Wolf, C. “Understanding the Milk-to-Feed Price Ratio as a Proxy for Dairy Farm

Profitability.” *Journal of Dairy Science* 93(October 2010):4942-4948.

39. Gramig, B., C. Wolf and F. Lupi. “Understanding Adoption of Livestock Health

 Management Practices: The Case of Bovine Leukosis Virus.” *Canadian Journal of*

 *Agricultural Economics* 58(September 2010):343-360.

38. Tonsor, G., and C. Wolf. “Drivers of Resident Support for Animal Care Oriented Ballot Initiatives.” *Journal of Agricultural and Applied Economics* 42(August 2010):419-428.

37. Olynk, N., G. Tonsor and C. Wolf. “Livestock Producer Selection of Credence Attribute Verification System.” *Journal of Agricultural and Applied Economics* 42(August 2010):439-452.

36. Olynk, N., G. Tonsor, and C. Wolf. “Consumer Willingness to Pay for Livestock Credence

Attribute Claim Verification.” *Journal of Agricultural and Resource Economics* 35(August 2010):261-280.

35. Olynk, N., C. Wolf and G. Tonsor. “Labeling of Credence Attributes in Livestock Production:

 Verifying Attributes Which are More than ‘Meet the Eye’.” *Journal of Food Law and Policy* 5(Fall 2009):182-199.

34. Tonsor, G., C. Wolf, and N. Olynk. “Consumer Voting and Demand Behavior Regarding

 Swine Gestation Crates.” *Food Policy* 34(December 2009):492-498.

33. Tonsor, G., N. Olynk, and C. Wolf. “Consumer Preferences for Animal Welfare Attributes:

 The Case of Gestation Crates.” *Journal of Agricultural and Applied Economics*

41(December 2009):713-730.

32. Wolf, C., J.R. Black and J. Hadrich. “Upper Midwest Dairy Farm Revenue Variation and

 Insurance Implications.” *Agricultural Finance Review* 69(Fall 2009):346-358.

31. Pillars, R, C. Wolf, J. Kaneene, D. Grooms. “Economic Evaluation of Johne’s Disease

 Control Programs Implemented on Six Michigan Dairy Farms.” *Preventive Veterinary Medicine* 90(August 1, 2009):223-232.

30. Gramig, B., R. Horan and C. Wolf. “Livestock Disease Indemnity Design When Moral

 Hazard is Followed by Adverse Selection.” *American Journal of Agricultural Economics*

 91(August 2009):627-641.

29. Olynk, N. and C. Wolf. “Stochastic Economic Analysis of Dairy Cattle Artificial Insemination Reproductive Management Programs.” *Journal of Dairy Science* 92(March 2009):1290-1299.

28. Groenendaal, H. and C. Wolf. “Farm-level Economic Analysis of the US National Johne’s

 Disease Demonstration Herd Project.” *Journal of the American Veterinary Medical*

 *Association,* 233(December 15, 2008):1852-1858.

27. Cook-Mowery, C., N. Olynk, and C. Wolf. “Farm-level Contracting for Production Process

 Attributes: An Analysis of the rbST Situation in Michigan Milk Production.”

 *Journal of Food Law and Policy* 4(Fall 2008):177-208.

26. Olynk, N. and C. Wolf. “Economic Analysis of Reproductive Management Strategies

 on US Dairy Farms.” *Journal of Dairy Science* 91(October 2008):4082-4091.

25.Horan, R., C. Wolf, E. Fenichel and K. Matthews. “Joint Management of Wildlife and Livestock Disease.” *Environmental and Resource Economics* 41(September 2008):47-70.

# 24. Wolf, C., J. Lloyd and J.R. Black. “An Examination of US Consumer Pet and Veterinary

Expenditures, 1980-2005.” *Journal of the American Veterinary Medical Association* 233(August 1, 2008):404-413.

23. Hadrich, J., C. Wolf, J.R. Black and S. Harsh. “Incorporating Environmentally Compliant

 Manure Nutrient Disposal Costs into Least Cost Livestock Diet Formulation” *Journal of Agricultural and Applied Economics* 40(April 2008):287-300.

22. Ramirez, M. and C. Wolf. “Source Differentiated Mexican Dairy Import Demand.”

 *International Food and Agribusiness Management Review* 11(2008):35-50.

21. Gramig, B. and C. Wolf. “Estimating Within-Herd Preventive Spillovers in Livestock Disease Management.” *American Journal of Agricultural Economics* 89(December 2007):1219-1225.

20. Olynk, N. and C. Wolf. “Expected Net Present Value of Pure and Mixed Sexed Semen

Artificial Insemination Strategies.” *Journal of Dairy Science* 90(May 2007):2569-2576.

19. Hadley, G., C. Wolf and S. Harsh. “Dairy Cattle Culling Patterns, Explanations, and

Implications.” *Journal of Dairy Science* 89(June 2006):2286-2296.

18. Horan, R., C. Wolf, E. Fenichel and K. Matthews. “Spatial Managment of Wildlife Disease.”

*Review of Agricultural Economics* 27(September 2005):483-490.

17. Horan, R. and C. Wolf. “The Economics of Managing Infectious Wildlife Disease.”

*American* *Journal of Agricultural Economics* 87(August 2005):537-551.

16. Maynard, L., C. Wolf and M. Gearhardt. “Can Futures and Options Markets Hold the Milk

Price Safety Net?” *Review of Agricultural Economics* 27(Summer 2005):273-286.

15. Oehmke, J., C. Wolf and K. Raper. “On Cyclical Industry Evolution in Agricultural

Biotechnology R&D.” *Journal of Agricultural and Food Industrial Organization* 3(2005):Article 1.

14. Wolf, C. “Producer Livestock Disease Management Incentives and Decisions.” *International*

*Food and Agribusiness Management Review* 8(2005):46-61.

13. Oehmke, J. and C. Wolf. “Is Monsanto leaving money on the table? Monopoly pricing and

 Bt cotton value with heterogeneous adopters.” *Journal of Agricultural and Applied Economics* 36(December 2004):705-718.

12. Oehmke, J. and C. Wolf. “Measuring Concentration in the Biotechnology R&D Industry:

Adjusting for Inter-firm Transfer of Genetic Materials.” *AgBioForum* 6(2003):134-140.

11. Wolf, C. “Custom Dairy Heifer Grower Industry Characteristics and Contract Terms.”

*Journal of Dairy Science* 86(September 2003):3016-3022.

10. Wolf, C. “The Economics of Dairy Production.” Economics of the Red Meat and Dairy

Industries. *Veterinary Clinics of North America: Food Animal Practice* 19(July 2003):271-293.

9. Wolf, C. “The Influence of Financial, Production, and Operator Characteristics on Dairy

 Farm Transfer Plans.” *Journal of the American Society of Farm Managers and Rural Appraisers* 5(2003):129-133.

8. Sumner, D. and C. Wolf. “Diversification, Vertical Integration and the Regional Pattern of

Dairy Farm Size.” *Review of Agricultural Economics* 24(Fall/Winter 2002):442-457.

7. Hadley, G., S. Harsh, and C. Wolf. “Managerial and Financial Implications of Major Dairy

Farm Expansions in Michigan and Wisconsin.” *Journal of Dairy Science* 85(August 2002):2053-2064.

6. Oehmke, J. and C. Wolf. “And Then There Were Four: Concentration and Transgenic Crop

R&D Performance.” *Choices* (Spring 2002):11-15.

5. Wolf, C. and D. Banderob. “Voluntary Over-order Fluid Milk Premium Agreements with

Implications for Policy Choices.” *Journal of Cooperatives* 17(2002):33-48.

4. Wolf, C. and D. Sumner. “Are Farm Size Distributions Bimodal? Evidence from Kernel

Density Estimates of Dairy Farm Size Distributions.” *American Journal of Agricultural Economics* 83(February 2001):77-88.

3. Oehmke, J., D. Weatherspoon, C. Wolf, A. Naseem, and M. Maredia. “Is Agricultural

Research Still a Public Good?” *Agribusiness: An International Journal* 16(2000):68-81.

2. Maredia, M., J. Oehmke, D. Weatherspoon, A. Naseem, and C. Wolf.“Public Agricultural

Research and the Protection of Intellectual Property: Issues and Options.” *AgBioForum* 2(1999):247-252.

1. Sumner, D. and C. Wolf. “Quotas Without Supply Control: Effects of Dairy Quota Policy in

California.” *American Journal of Agricultural Economics* 78(May 1996): 354-366.

**Articles under review**

Nicholson, C., C. Wolf and M. Stephenson. “USDA’s Recommended Decision on Farm Milk

Pricing and Its Potential Farm Milk Price Impacts.” *Choices.*

Uranga, J. C. Turvey, and C. Wolf. “Using a Choice Experiment to Understand the Difference

between GEO and N-GEO Carbon Offsets Futures Contracts.” *Agricultural and Resource Economics Review.*

Wei, X., C. Wolf and R. Stup. “The impact of immigration enforcement on the U.S. dairy farm

sector: evidence from E-Verify policy.” *Agricultural and Resource Economics Review.*

Wolf, C. and A. Novakovic. “No Crying Over Dumped Milk: Causes and Costs of Food Loss in

the US Dairy Supply Chain.” *Food Policy*.

**Books and Book Chapters**

Wolf, C. and N. Widmar. “Benchmarking Dairy Farm Financial Performance.” *Large Dairy*

*Herd Management*. 2017.

Wolf, C. Chapter 2: “Economic determinants of farmer decision-making related to animal

disease.” Chapter 3: “Insights from behavioural economics into farmer livestock disease management.” Chapter 4: “Issues of livestock disease management byeond the farm.” In  *Producer Incentives in Livestock Disease Management*. OECD. 2017.

# Wolf, C. “Livestock Disease Indemnity Design: Considering Asymmetric Information.”

# In *Livestock Disease Policies: Building Bridges Between Science and Economics*. Organization for Economic Cooperation and Development. 2013:127-138.

*Meeting Critical Laboratory Needs for Animal Agriculture: Examination of Three Options.*

Committee on Analysis of Requirements and Alternatives for Foreign Animal and Zoonotic Disease Research and Diagnostic Laboratory Capabilities. National Research Council. The National Academies Press. Washington, DC. July 2012.

Horan, R.D., C.A. Wolf, and E.P. Fenichel. 2012. “Dynamic Perspectives on the Control of

Animal Disease: Merging Epidemiology and Economics.” Chapter 6 in [*Health and Animal Agriculture in Developing Countries*](http://www.springerlink.com/content/978-1-4419-7076-3/)*:* [*Natural Resource Management and Policy*](http://www.springerlink.com/content/jn7640/), eds. David Zilberman, Joachim Otte, David Roland-Holst, & Dirk Pfeiffer, Volume 36, Part 2, 101-118. Springer-Verlag.

Wolf, C. “Livestock Disease Eradication Programs and Farm Incentives: The Case of Bovine

Tuberculosis in Michigan.” In *The Economics of Livestock Disease Insurance: Concepts, Issues and International Case Studies*. Dana Hoag, Stephen Koontz, and Dawn Thilmany, eds. CABI press. January 2006. Chapter 15, pp. 181-192.

Oehmke, J., C. Wolf, K. Raper and A. Naseem. “Agricultural Biotech R&D Structure:

Cyclical or Not?” In R.E. Evenson and V. Santaniello, *The Regulation of Agricultural Biotechnology*, 2004 (Wallingford, UK: CABI Publishing), Chapter 14, pp. 153-160.

Butler, L.J., and C. Wolf. “California Dairy Production: Unique Policies and Natural

Advantages.” *Dairy Industry Restructuring: Research in Rural Sociology and Development,* H.K. Schwarzweller and A.P. Davidson, eds. JAI/ABLEX (Elsevier) Press. Volume 8, 2000.

**Research Reports**

Wolf, C. “2019 Michigan Land Values and Leasing Rates.” MSU Department of Agricultural,

Food and Resource Economics Report No. 652. July 2019.

Wolf, C. “2018 Michigan Land Values and Leasing Rates.” MSU Department of Agricultural,

Food and Resource Economics Report No. 651. September 2018.

Wolf, C. “2017 Michigan Land Values and Leasing Rates.” MSU Department of Agricultural,

Food and Resource Economics Report No. 650. September 2017.

Wolf, C. and E. Wittenberg. “2016 Michigan Land Values and Leasing Rates.” MSU

Department of Agricultural, Food and Resource Economics Report No. 649. Sep. 2016.

Wittenberg, E. and C. Wolf. “2015 Michigan Land Values and Leasing Rates.” MSU

Department of Agricultural, Food and Resource Economics Report No. 648. Oct. 2015.

Wolf, C., A. Novakovic, M. Stephenson, and W. Knoblauch. “Indicators of Dairy Farm Financial

Performance: Definitions, Patterns, and Policy Implications.” Report to the US Department of Agriculture, Office of the Chief Economist. January 2015.

Wittenberg, E. and C. Wolf. “2014 Michigan Land Values and Leasing Rates.” MSU

Department of Agricultural, Food and Resource Economics Report No. 645. Oct. 2014.

Wittenberg, E. and C. Wolf. “2013 Michigan Land Values and Leasing Rates.” MSU

Department of Agricultural, Food and Resource Economics Report No. 644. Oct. 2013.

Wittenberg, E. and C. Wolf. “2012 Michigan Land Values and Leasing Rates.” MSU

Department of Agricultural, Food and Resource Economics Report No. 643. Nov. 2012.

Wolf, C. and S. Miller. “Economic Impact of the Michigan Equine Industry, 2006.” Jan. 2009.

Wolf, C., J. Hadrich, R. Horan, P. Paarlberg, and J. Kaneene. “Economic Assessment of the US

 TB Eradication Program.” Report to the U.S. Department of Agriculture-Animal and Plant Health Inspection Service. September 2008.

Wolf, C., J. Hadrich, C. Mahnken and S. Harsh. “The Structure and Competitiveness of the

 Michigan Dairy Farm Industry: Summary and Analysis of the 2005 MSU Survey.” Michigan State University *Agricultural Economics Report 633*. August 2007.

Ramirez, M. and C. Wolf. “An Economic Analysis of the Mexican Dairy Sector and Prospects

for U.S. Exports.” Report to the U.S. Dairy Export Council. October 2004.

Maynard, L., C. Wolf and M. Gearhardt. “Milk Hedging Effectiveness and Policy Influences.”

Report to USDA Economic Research Service, in “Dairy Option Pilot Program Evaluation.” USDA Economic Research Service, August 2003.

Wolf, C. “Custom Dairy Heifer Growing: Summary and Analysis of a 2001 Grower Survey.”

Michigan State University *Agricultural Economics Report 615*. June 2002.

Wolf,C.,S. Harsh, S. Bucholtz, A. Damon and J. Lloyd. “Michigan Dairy Farm Industry:

Summary and Analysis of the 1999 Michigan State University Dairy Farm Survey.” *Michigan Agricultural Experiment Station Research Report 573*. December 2000.

Wolf, C.and J. Ferris. “Economic Consequences of Bovine Tuberculosis for Michigan Livestock

Agriculture.” Report to the Michigan Department of Agriculture. December 2000.

Banderob, D., C. Wolf, and L. Hamm. “Over-Order Premiums in the Michigan Milk Market:

 The History and Experience of the Producer’s Equalization Committee.” *Michigan Agricultural Experiment Station Research Report 570*.October 2000.

**Published Abstracts and Discussions**

Olynk, N. and C. Wolf. “Identification of efficient sets of artificial insemination reproductive

 management programs: A stochastic dominance analysis.” *Journal of Dairy Science* 91(E-Supplement 1, 2008):134-135 .

Wolf, C., J. Hadrich and J. Black. “Potential Demand for Dairy Farm Revenue Insurance.”

*Journal of Dairy Science* 89(Supplement 1, 2006):398.

Olynk, N. and C. Wolf. “Expected Net Present Value of Pure and Mixed Sexed Semen Artificial

Insemination Strategies.” *Journal of Dairy Science* 89(Supplement 1, 2006):135.

Hadrich, J., C. Wolf, and S. Harsh. “Incorporating environmental compliance costs into livestock

diet formulation.” *Journal of Dairy Science* 89(Supplement 1, 2006):291.

Wolf, C. “Specialization and contracting in the dairy industry: The case of custom heifer

growers.” *Journal of Dairy Science* 85(Supplement 1, 2002):177.

Wolf, C. and S. Harsh. “Calculating the cost of producing milk: Methods and Implications.”

*Journal of Dairy Science* 85(Supplement 1, 2002):178.

Hadley, G., C. Wolf, and S. Harsh. “Explanations associated with non-optimal culling rates.”

*Journal of Dairy Science* 85(Supplement 1, 2002):179.

Hadley, G., C. Wolf, and S. Harsh. “Issues initial expanders should consider before expanding a

dairy farm.” *Journal of Dairy Science* 85(Supplement 1, 2002):179.

Wolf, C. and M. Vandehaar. “Economics of dairy heifer growth programs.” Invited Paper, 2001

American Dairy Science Association Annual Meetings, Indianapolis, IN. Abstract in *Journal of Dairy Science* 84(Supplement 1, 2001):224.

Risch, C. and C. Wolf. “Profit maximizing calving intervals with limited labor resources.”

*Journal of Dairy Science* 84(Supplement 1, 2001):77.

Wolf, C. and D. Berwald. “The potential of dairy futures contracts as risk management tools.”

*American Journal of Agricultural Economics* 81(December 1999):1302.

Banderob, D. and C. Wolf. “Over-order premiums and price wars in the Michigan milk market.”

*American Journal of Agricultural Economics* 81(December 1999):1282.

Hadley, G., S. Harsh, and C. Wolf. “Using a multiple output/multiple input approach to dairy

profit maximization under component milk pricing.” *American Journal of Agricultural Economics* 81(December 1999):1302.

Wolf, C. “Protection, price discrimination and inefficient trade: The case for real tarrification:

discussion.” *Canadian Journal of Agricultural Economics* 47(Dec. 1999):89-90.

Wolf, C. and L. Hamm. “The role of cooperatives in milk marketing.” *American Journal of*

*Agricultural Economics* 80(December 1998):1200.

Wolf, C. and D. Sumner. “Policy effects on the value of California milk quota.” *American*

*Journal of Agricultural Economics* 76(December 1994): 1250.

**Staff Papers, Extension Bulletins, Information Letters and Published Proceedings**

Wolf, C. “Proposed Changes in Milk Composition, Surveyed Commodity Products, and Base

Class I Skim Milk Price in the Recommended Decision and Potential Farm Milk Price Impacts.” Dairy Markets and Policy Information Letter 24-05. August 2024

Wolf, C. “Overview of Changes Proposed in USDA Federal Milk Marketing Order

Recommended Decision.” Dairy Markets and Policy Information Letter 24-01. July 2024.

Wolf, C. “Federal Milk Marketing Order Functions.” Dairy Markets and Policy Information

Letter 24-02. July 2024.

Wolf, C. “Dairy Manufacturing Capacity and Milk Production: Results from Discussions and

Interviews.” Dyson School of Applied Economics and Management Extension Bulletin 2024-01. February 2024.

Wolf, C. “Organic dairy margin coverage: Is the application feasible?” Dyson School of Applied

Economics and Management Extension Bulletin 2023-10. August 2023.

Wolf, C., R. Stup and J. Karszes. “Effects of NY Ag Overtime Laws on Production Costs and

Competitiveness.” Dyson School of Applied Economics and Management Extension Bulletin 2021-06. December 2021.

Karszes, J. and C. Wolf. “Hired Labor on New York State Dairy Farms Cost, Efficiency &

Change from 2011 Through 2020.” Dyson School of Applied Economics and Management Extension Bulletin 2021-05. August 2021.

Bozic, M. and C. Wolf. “Analysis of Producer Price Differentials March 2021.” Dairy Markets

and Policy Program. Information Letter 21-01. April 2021.

Bozic, M. and C. Wolf. “Negative Producer Price Differentials and Federal Milk Marketing

Orders: Explanations, Implications and Policy Options.” Dairy Markets and Policy Program. Working Paper 21-01. April 2021.

Wolf, C., M. Stephenson and A. Novakovic. “USDA’s New Direct Payments Program for Dairy

Farmers.” Program on Dairy Markets and Policy. Information Letter 20-02. May 2020.

Lai, J., C. Bir, N. Widmar, and C. Wolf. “Public Awareness of the Roles and Welfare of

Veterinarians.” Center for Animal Welfare Studies Paper 2020-01. Purdue University. May 2020.

Wolf, C. “The Modified Margin Protection Program for Dairy Producers: Implications for

Michigan Dairy Farmers.” MSU Ag. Econ. Staff Paper 2016-01. March 2018.

Wolf, C., J. Jones and R. Betz. “2016 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2017-08. December 2017.

Wolf, C., J. Jones and R. Betz. “2015 Michigan Cash Grain Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2017-09. December 2017.

Bir, C., N. Widmar, C. Wolf, and N. Thompson. “A Survey of Farm Management and

Reproductive Management Strategies on US Commercial Dairy Farms.” Purdue University Agricultural Economics Working Paper 2017-01. January 2017.

Wittenberg, E. and C. Wolf. “2015 Michigan Cash Grain Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2016-03. November 2016.

Wittenberg, E. and C. Wolf. “2015 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2016-02. October 2016.

Wolf, C., S. Harsh, and S. Hanson. “Managing Debt to Improve Cash Flow on Dairy Farms.”

MSU Ag. Econ . Staff Paper 2016-01. February 2016.

Wittenberg, E. and C. Wolf. “2014 Michigan Cash Grain Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2015-07. December 2015.

Wittenberg, E. and C. Wolf. “2014 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2015-08. December 2015.

Wolf, C. and M. Bozic. “Case Studies with MPP-Dairy Financial Stress-test Calculator: Dealing

with Declining Milk Price Basis in Michigan.” *Program on Dairy Markets and Policy* *Decision Guide* 15-06. November 2015.

Wolf, C. and M. Bozic. “MPP-Dairy Financial Stress-test Calculator: A User’s Guide.” *Program*

*on Dairy Markets and Policy* *Decision Guide* 15-01. August 2015.

McKendree, M., G, Tonsor, C. Wolf, D. Thomson, and J. Swanson. “Executive Summary:

Viewpoints of U.S. Public and Cow-calf Producers on Animal Welfare in the Beef Industry.” Kansas State University Agricultural Economics Publication: AM-GTT-2015.2.

McKendree, M., G, Tonsor, C. Wolf, D. Thomson, and J. Swanson. “Viewpoints of the U.S.

Public on Animal Welfare in the Beef Industry: Survey Summary.” Kansas State University Agricultural Economics Publication: AM-GTT-2015.3.

McKendree, M., G, Tonsor, C. Wolf, D. Thomson, and J. Swanson. “U.S. Cow-Calf Producer

Viewpoints of Animal Welfare in the Beef Industry: Survey Summary.” Kansas State Dept. of Agricultural Economics Publication: AM-GTT-2015.4.

Wolf, C., G. Tonsor, M. McKendree, D. Thomson, and J. Swanson. “U.S. Dairy Farmer Welfare

Perceptions and Attitudes: Survey Summary.” MSU AFRE Staff Paper 2015-04.

Wolf, C., G. Tonsor, L. Polzin, M. McKendree, D. Thomson, and J. Swanson. “U.S. Public

Dairy Cattle Welfare Perceptions and Attitudes: Survey Summary.” MSU AFRE Staff Paper 2015-03. June 2015.

Novakovic, A., M. Bozic, M. Stephenson, C. Wolf, C. Nicholson, and J. Newton. “Comments on

Summary Enrollment Data for MPP-Dairy.” *Program on Dairy Markets and Policy Briefing Paper 15-0*. January 2015.

Wittenberg, E. and C. Wolf. “2013 Michigan Cash Grain Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2014-07. December 2014.

Wittenberg, E. and C. Wolf. “2013 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2014-06. December 2014.

Thraen, C. and C. Wolf. “Use the new Margin Protection Program to Manage your Financial

Risk Exposure.” *Program on Dairy Markets and Policy Decision Guide 14-11*. December 2014.

Bozic, M., C. Wolf, and F. Yang. “What do dairy producers think about the Margin Protection

Program?” *Program on Dairy Markets and Policy Working Paper 13-05*. October 2014.

Bozic, M. and C. Wolf. “Large Herd Operator Opinions about Participation in the Proposed

Dairy Farm Programs.” *Program on Dairy Markets and Policy Briefing Paper 13-01*. December 2, 2013.

Wittenberg, E. and C. Wolf. “2012 Michigan Cash Grain Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2013-07. December 2013.

Wittenberg, E. and C. Wolf. “2012 Michigan Upper Peninsula Dairy Farm Business Analysis

Summary.” MSU Ag. Econ. Staff Paper 2013-08. December 2013.

Wittenberg, E. and C. Wolf. “2012 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2013-06. December 2013.

Newton, J., C. Thraen, M. Bozic, M. Stephenson, C. Wolf, and B. Gould. “Goodlatte-Scott vs.

the Dairy Security Act: Shared Potential, Shared Concerns and Open Questions.” *Midwest Program on Dairy Markets and Policy Briefing Paper Number 13-01*. 2013.

Wittenberg, E. and C. Wolf. “2011 Michigan Cash Grain Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2012-09. October 2012.

Wittenberg, E. and C. Wolf. “2011 Michigan Upper Peninsula Dairy Farm Business Analysis

Summary.” MSU Ag. Econ. Staff Paper 2012-08. October 2012.

Wittenberg, E. and C. Wolf. “2011 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2012-07. October 2012.

Wittenberg, E. and C. Wolf. “2010 Michigan Upper Peninsula Dairy Farm Business Analysis

Summary.” MSU Ag. Econ. Staff Paper 2011-12. December 2011.

Wittenberg, E. and C. Wolf. “2010 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2011-11. December 2011.

Wolf, C. “Dairy Farm Risk Management Considerations.” Proceeding of the Great Lakes

Regional Dairy Conference. Frankenmuth, MI. February 4, 2011.

Wittenberg, E. and C. Wolf. “2009 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2010-04. December 2010.

Wittenberg, E. and C. Wolf. “2009 Michigan Upper Peninsula Dairy Farm Business Analysis Summary.” MSU Ag. Econ. Staff Paper 2010-08. December 2010.

Wittenberg, E. and C. Wolf. “2008 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2009-09. November 2009.

Wittenberg, E. and C. Wolf. “2008 Upper Penninsula Dairy Farm Business Analysis Summary.”

 MSU Ag. Econ. Staff Paper 2009-10. November 2009.

Hadrich, J. and C. Wolf. “Understanding Citizen Complaints Regarding Michigan Agricultural

 Operations.” MSU Ag Econ Staff paper 2009-04. April 2009.

Wittenberg, E. and C. Wolf. “2007 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2008-04. December 2008.

Wittenberg, E. and C. Wolf. “2007 Upper Penninsula Dairy Farm Business Analysis Summary.”

 MSU Ag. Econ. Staff Paper 2008-05. December 2008.

Olynk, N. and C. Wolf. “A Survey of Reproductive Management Strategies on US Commercial

 Dairy Farms.” MSU Ag. Econ. Staff Paper 2008-02. May 2008.

Wittenberg, E. and C. Wolf. “2006 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2007-08. November 2007.

Wittenberg, E. and C. Wolf. “2006 Upper Penninsula Dairy Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2007-10. November 2007.

Wolf, C. “Changes in the Tri-State Dairy Industry.” Proceedings of the 2007 Tri-State Dairy

Nutrition Conference. April 24, 2007.

Wolf, C. “Calculating and using the cost of raising heifers.” Proceedings of the Professional

Dairy Heifer Growers Association 11th Annual Dairy Heifer and Calf Conference. March 20-23, 2007. Burlington, Vermont.

# Wolf, C., J. Lloyd and J.R. Black. “An Examination of US Consumer Pet and Veterinary

Expenditures, 1980-1999.” MSU Ag. Econ. Staff Paper 2006-36. December 2006.

Wolf, C., J. Hadrich, and M. Vandehaar. “Managing Dairy Heifer Growth Investment.” MSU

Ag. Econ. Staff Paper 2006-37. December 2006.

Wittenberg, E. and C. Wolf. “2005 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2006-27. November 2006.

Wittenberg, E. and C. Wolf. “2005 Michigan Grazing Dairy Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2006-28. November 2006.

Wittenberg, E. and C. Wolf. “2005 Upper Penninsula Dairy Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2006-29. November 2006.

Wittenberg, E. and C. Wolf. “2004 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2005-10. October 2005.

Wittenberg, E. and C. Wolf. “2004 Michigan Grazing Dairy Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2005-11. October 2005.

Wittenberg, E. and C. Wolf. “2004 Upper Penninsula Dairy Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2005-12. October 2005.

Wittenberg, E. and C. Wolf. “2003 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2004-19. November 2004.

Wittenberg, E. and C. Wolf. “2003 Upper Penninsula Dairy Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2004-20. November 2004.

Wittenberg, E. and C. Wolf. “2003 Michigan Grazing Dairy Farm Business Analysis

 Summary.” MSU Ag. Econ. Staff Paper 2004-21. November 2004.

# Wolf, C. “US Dairy Policy: How did we get here? And where to now?” Proceedings of the

# Michigan Veterinary Conference. January 2004.

Wittenberg, E. and C. Wolf. “2002 Michigan Dairy Farm Business Analysis Summary.” MSU

Ag. Econ. Staff Paper 2003-14. November 2003.

Wittenberg, E. and C. Wolf. “2002 Upper Penninsula Dairy Farm Business Analysis Summary.”

MSU Ag. Econ. Staff Paper 2003-15. November 2003.

Wittenberg, E. and C. Wolf. “2002 Michigan Grazing Dairy Farm Business Analysis

 Summary.” MSU Ag. Econ. Staff Paper 2003-16. November 2003.

Maynard, L., C. Wolf, and M. Gearhardt. “Can Futures and Options Markets Hold the Milk Price

Safety Net?” Staff Paper No. 445, Dept. of Ag. Economics, Univ. of Kentucky. October 2003.

Wolf, C., S. Hanson, Wittenberg, E. and Stephen Harsh. “Discount Rates for Dairy Farms.”

 MSU Ag. Econ. Staff Paper 2002-08. May 2002.

Wolf, C. and M. Vandehaar. “Economic Considerations of Dairy Heifer Growth Rate.”

Proceedings from Heifer Growth Symposium. Federation of Animal Science Societies 2001 Annual Meeting. Indianapolis, IN.

Wolf, C. and S. Harsh. “The Economics of Heifer Raising Options.” MSU Ag. Econ. Staff Paper

2001-28. June 2001.

Harsh, S.,C. Wolf, and E. Wittenberg. “Profitability and Production Efficiency of Livestock and

Crop Enterprises on Michigan Dairy Operations: 1998 Summary and Analysis.” MSU

Ag. Econ. Staff Paper 01-04. January 2001.

Wolf, C. “Understanding Milk Price Variation and the Milk Basis in Michigan.” MSU Ag. Econ.

Staff Paper 2000-43. December 2000.

Wolf, C. “Economic Costs of Bovine TB to Michigan Agriculture.” Proceedings from the

International Bovine Tuberculosis Conference. October 2000.

Nott, S. and C. Wolf. “Dairy Farm Decisions on How to Proceed in the Face of TB.” MSU Ag.

Econ. Staff Paper 2000-39. September 2000.

Wolf, C., S. Harsh and J. Lloyd. “Valuing Losses from Depopulating Michigan Dairy Herds.”

MSU Ag. Econ. Staff Paper 2000-10. May 2000.

Wolf, C. “Potential Applications and Impacts of Risk Management on Dairy Farms.” National

program for *Integrated Dairy Risk Management Education and Research*. 1999.

Wolf, C. “Probability and Statistical Distributions: Definitions and Examples for Dairy Farms.”

*Integrated Dairy Risk Management Education and Research*. 1999.

Wolf, C. and K. McNew. “Simple Strategies for Managing Feed Prices.” National program for

*Integrated Dairy Risk Management Education and Research*. 1999.

Wolf, C., K. McNew and C. Thraen. “Basic Strategies for an Integrated Management Approach

to Feed Price and Milk Price Risk.” National program for *Integrated Dairy Risk Management Education and Research*. 1999.

Wolf, C. and D. Berwald. “The Performance of an Emerging Futures Market: The BFP Contract

at the New York Board of Trade.” MSU Ag. Econ. Staff Paper 1999-47. October 1999.

Wolf, C. “Analyzing Reproductive Decisions on Dairy Farms.” MSU Ag. Econ. Staff Paper 1999-23. March 1999.

Weatherspoon, D., J. Oehmke, C. Wolf**,** A. Naseem, and M. Maredia. “Global Implications from

a North-North-South Trade Model: A Biotech Revolution.” Staff Paper 1999-48. 1999.

Weatherspoon, D., J. Oehmke, C. Wolf**,** A. Naseem, and M. Maredia. “Ag-Biotech Policy:

Implications for Growth and Trade.” MSU Ag. Econ. Staff Paper 1999-51. 1999.

Wolf, C. and L. Hamm. “Cooperative Milk Marketing in the United States.” MSU Ag. Econ.

Staff Paper 1998-35. December 1998.

Sumner, D., J. Ekboir and C. Wolf. “A Study of California's Milk Pool Quota System.”

University of California Report. December 1995.

**Selected Popular and Industry Press**

Wolf, C. “Markets for our milkfat.” *Hoard’s Dairyman*. January 26, 2025.

Wolf, C., C. Nicholson, C. and M. Stephenson. “Components, Commodities, and Class I

Changes. *Hoard’s Dairyman*. January 10, 2025.

Nicholson, C., M. Stephenson and C. Wolf. “Make allowance effects will vary.” *Hoard’s*

*Dairyman*. January 10, 2025.

Nicholson, C., M. Stephenson and C. Wolf. “Class I differentials will shift around the country.”

 *Hoard’s Dairyman*. January 10, 2025.

Wolf, C., C. Nicholson, C. and M. Stephenson. “The functions of Federal Milk Marketing

Orders.” *Hoard’s Dairyman*. December 16, 2024.

Wolf, C., C. Nicholson, C. and M. Stephenson. “Federal order changes on the ballot.” *Hoard’s*

*Dairyman*. December 16, 2024.

Nicholson, C., M. Stephenson and C. Wolf. “What happens if a federal order is voted out?”

*Hoard’s Dairyman*. December 16, 2024.

Wolf, C. “The milk supply response to market implications.” *Hoard’s Dairyman*. July 2024.

Wolf, C. “Could bandwidth exist to expand the DMC program?” *Hoard’s Dairyman.* August

2023.

Wolf, C. “Trends in New York Dairy Farm Profitability and 2023 Outlook.” *Grassroots* May 2023.

Wolf, C. “Does fluid milk warrant a price premium?” *Hoard’s Dairyman*. August 2022.

Karszes, J. and C. Wolf. “Dairy farms have made gains on labor efficiency.” *Hoard’s Dairyman*.

June 2022.

Wolf. C. “How much milk was dumped during the pandemic?” *Hoard’s Dairyman*. July 2, 2021.

Wolf, C. and M. Stephenson. “Farm Comparisons Improve Performance.” *Hoard’s Dairyman*.

November 2020.

Wolf, C. and J. Karszes. “Should I be Using Risk Management Tools? Evaluating Your

Financial Risk.” *Progressive Dairyman*. September 2020.

Wolf. C. “Class III and Mailbox Milk Prices Aren’t the Same.” *Hoard’s Dairyman*. August 25,

2020.

Wolf, C. “Know your dairy customers.” *Consumer Corner*. Purdue Center for Agribusiness.

June 5, 2020. https://agribusiness.purdue.edu/consumer\_corner/know-your-dairy-customers/

Wolf, C. Farm Credit Northeast Newsletter. Market Update June 2020.

Wolf, C. “How does your dairy handle financial risk?” *Hoard’s Dairyman*. August 25, 2019.

Wolf, C. “Dairy farm financial stress and risk management policy.” *Michigan Farm News*. May

30, 2019.

Zulauf, C., and C. Wolf. “Dairy Margin Protection Program in the next Farm Bill.” *farmdoc*

*daily* (8): 232, University of Illinois at Urbana-Champaign, December 19, 2018.

Wolf, C. “What happened to the three year farm milk price cycle?” *Michigan Farm News*,

December 15, 2018.

Wolf, C. and C. Zulauf. “Dairy Margin Protection Program in the Next Farm Bill.” *farmdoc*

*daily*(7):2519. University of Illinois at Urbana-Champaign. November 30, 2018.

Wolf, C. “2018 Michigan Agricultural Land Values.” *Michigan Farm News*, October 31, 2018.

Wolf, C. “Demand for animal welfare will impact your milk check.” *Hoard’s Dairyman.* August

25, 2018.

Hennessy, D., H. Feng, M. McKendree and C. Wolf. “Are Michigan dairy farms investing?”

*Michigan Farm News*. August 15, 2018.

Wolf, C. “Milk market uncertainty.” *Michigan Farm News*. July 15, 2018.

Feng, H., D. Hennessy, M. McKendree and C. Wolf. “What do dairy farmers want from the next

Farm Bill?” *Hoard’s Dairyman Intel.*  July 2018

Feng, H., D. Hennessy, M. McKendree and C. Wolf. “Tough times for dairy, tougher in

Michigan.” *Michigan Farm News.* June 15, 2018.

Wolf, C. “Taking it on the chin awhile longer.” *Michigan Farm News*. Feb. 28, 2018.

Wolf, C. “Dairy Farm Financial Resiliency.” *Hoard’s Dairyman*. August 15, 2017.

Stephenson, M. and C. Wolf. “Is bigger necessarily better?” *Hoard’s Dairyman Intel*. Feb. 29,

2016.

Wolf, C. “Dairy profits: Status quo for 2016?” *Michigan Farm News*. February 15, 2016.

Wolf, C. and E. Wittenberg. “Expect land prices to decline.” *Michigan Farm News*. February

15, 2016.

Wolf, C. and G. Tonsor. “U.S. Public Views of Dairy Cattle Welfare.” *FeedStuffs Foodlink*.

World Dairy Expo Edition. October 2015.

Novakovic, A., M. Bozic, M. Stephenson, C. Wolf, C. Nicholson, and J. Newton. “Analysis of

initial enrollment data for MPP-Dairy.” *Progressive Dairyman*. March 12, 2015.

Wolf, C. “2015 Dairy Situation and Outlook.” *Michigan Farm News*. February 15, 2015.

Wittenberg, E. and C. Wolf. “Michigan farmland values: Is growth weakening or holding

steady?” *Michigan Farm News*. February 15, 2015.

Bozic, M. and C. Wolf. “Here is what you said about the new dairy safety net.” *Progressive*

*Dairyman.* October 2014.

Tonsor, G., C. Wolf and M. McKendree. “Dueling Perceptions: Investigating Consumer and

Producer Opinions of Beef Cattle Welfare.” *BEEF* May 2014, p. 26-27.

Stephenson, M., M. Bozic, and C. Wolf. “Will Margin Insurance Crowd out Futures Activity?”

*Hoard’s Dairyman* April 25, 2014, p. 311.

Wolf, C. “2014 Dairy Situation and Outlook.” *Michigan Farm News*. February 18, 2014.

Wolf, C. “2013 Dairy Situation and Outlook.” *Michigan Farm News*. February 17, 2013.

Wolf, C. “Michigan Dairy Farmers’ Views of Current Dairy Policies.” *Michigan Dairy Review*.

April 2012.

Wolf, C. “2012 Dairy Outlook: Beware Supply and Demand Shocks.” *Michigan Farm News*.

February 15, 2012.

Wolf, C. “Michigan Milk Market Update.” *Michigan Dairy Review*. Quarterly, 1998-2011.

Wolf, C. “2011 Dairy Outlook.” *Michigan Farm News*. February 15, 2011.

Wolf, C. “US Dairy Policy at a Cross-Roads.” *Michigan Dairy Review*. October 2010.

Wolf. C. “2010 Dairy Situation and Outlook.” *Michigan Farm News*. February 2010.

Wolf, C. “Managing Cost of Production.” *Michigan Milk Messenger*. June 2009.

Wolf, C. “High milk prices come crashing down.” *Michigan Farm News*. February 15, 2009,

 page10 (also Staff Paper 2009-01).

Wolf, C. “Feed Costs and Management Decisions.” *Michigan Milk Messenger*. September 2008.

Wolf, C. “The Dairy Title of the 2008 Farm Bill.” *Michigan Dairy Review*. July 2008.

Wolf, C. “2008 Dairy Situation and Outlook.” *Michigan Farm News*. February 15, 2008,

page 17 (also Staff Paper 2008-04).

Wolf, C. “Farm decisions related to rbST use in Michigan.” *Michigan Dairy Review*. Oct. 2007.

Wolf, C. “Do you know your heifer-raising costs?” *Northeast Dairy Business*. Volume 9, No. 6

 June 2007:pp24-25.

Wolf, C. “Three factors driving milk prices.” *Michigan Farm News*. February 15, 2007, page 8.

Olynk, N. and C. Wolf. “When using sexed semen…Use it on first-service heifers.” *Hoard’s*

*Dairyman.* Volume 151, No. 19 (November 2006):780.

Vollmer-Sanders, C., S. Batie and C. Wolf. “MAEAP-Verification: The Motivations and

Opinions of Participating Producers.” *Michigan Dairy Review.* October 2006.

Vollmer-Sanders, C., S. Batie and C. Wolf. “Financial Implications of MAEAP Verification on

Michigan Livestock Operations.” *Michigan Dairy Review.* July 2006.

Wolf, C. and Wittenberg, E.. “Michigan Farm Business Analysis 2004 Summary.” *Michigan*

*Milk Messenger*. November 2005.

Wolf, C. “Class III Milk Prices Boom or Bust: Making Sense of Historical Milk Prices.”

*Michigan Milk Messenger,* Volume 87 Issue 10, April 2005:10-11.

Wolf, C. “Milk price repeat of 2004 unlikely” *Michigan Farm News*. February 15, 2005, page 8

Wolf, C. “2003 Michigan Dairy Farm Financial Summary.” *Michigan Dairy Review*. Jan. 2005.

Wolf, C. “Michigan Farm Business Analysis 2003 Summary.” *Michigan Milk Messenger*.

November 2004.

Wolf, C. “Milk Revenue Pooling: What does it mean to your milk price?” *Michigan Milk*

*Messenger*. July 2004.

# Wolf, C. “Understanding Producer Milk Price Variation.” *Michigan Milk Messenger*. June 2004.

Wolf, C. “Use the milk-to-feed price ratio to your advantage.” *Michigan Farm News*. May 15,

2004.

Wolf, C. “2004: The best milk price year since 2001?” *Michigan Farm News*. February 15, 2004,

page 17 (also Staff Paper 2004-04).

Wolf, C. “No surprises: 2002 was a tough year.” *Michigan Milk Messenger*. November 2003.

Wolf, C. “Producer Milk Price Risk Management Plans.” *Michigan Milk Messenger*. October

2003.

Harsh, S., C. Wolf, and S. Hanson. “Managing Debt to Improve Cash Flow.” *Michigan Dairy*

*Review*, July 2003. Reprinted in *The Progressive Dairyman* August 2003:pp.8-10.

Wolf, C. “2003 Michigan Dairy Outlook.” *Michigan Farm News*. February 2003. (and Staff

Paper 2003-04).

Wolf, C. “Forecasting Milk Income Loss Contract Payments.” *Michigan Dairy Review*. October

2002.

Wolf, C. “New farm bill and milk market outlook.” *The Progressive Dairyman*. July 2002.

Wolf, C. “Milk price forecasts and income tax considerations.” *Michigan Farm News*. November

30, 2001.

Wolf, C and S. Harsh. “Sorting through the raise-at-home, custom-grow, or purchase question.”

*Hoard’s Dairyman*, Better cows from better heifers supplement. September 25, 2001.

Wolf, C and Steve Harsh. “Custom heifer raising: Is it in your future?” *Michigan Dairy Review*.

July 2001.

Wolf, C. “Why was the Class III price below support level?” *Hoard’s Dairyman*. May 25, 2001.

Wolf, C. “Basic strategies for managing feed price and milk price risk.” *Michigan Farm News*.

May 15, 2001.

Wolf, C. “Interest in dairy futures contracts increasing.” *Michigan Farm News*. May 15, 2001.

Wolf, C. “Dairy survey shows loss of 30 percent of farms since 1991.” *Michigan Farm News.*

May 15, 2001.

Wolf, C. “Michigan dairy farm snapshot: Fewer, but larger, operations.” *Farmers’ Advance*.

April 18, 2001.

Dartt, B. andC. Wolf.“Are the wages you pay competitive? Does it matter?” *Michigan Dairy*

*Review.* October 2000.

Wolf, C.and S. Harsh. “Michigan Dairy Farm Industry Survey Part 2: Revenues and Income.”

*Michigan Dairy Review.* July 2000.

Wolf, C. “Dairy Options Pilot Program coming to Michigan.” *Michigan Milk Messenger*. April

2000.

Wolf, C. “Michigan Dairy Farm Industry Survey Part 1: Looking to the Future.” *Michigan Dairy*

*Review*. April 2000.

**GRANTS AWARDED**

**Total awards to date: $8,478,247 Wolf’s portion: $2,305,731**

**External Funding Sources**

"GREENHOUSE GAS IMPACTS OF MANAGEMENT PRACTICES ON U.S. DAIRY OPERATIONS," Sponsored by USDA Economic Research Service, Award: Award Finalized, $200,000.00. (September 21, 2023 - September 30, 2026). (PI).

"A SYSTEMS APPROACH TO SECURING THE NEW ENGLAND MILK SUPPLY IN THE EVENT OF A FOOT-AND-MOUTH DISEASE OUTBREAK," Sponsored by USDA National Institute of Food and Agriculture, Award: Award Finalized, $60,000.00. (April 1, 2022 - March 31, 2025). (PI).

“New York Agriculture Labor Regulation Effects.” New York State Department of Agriculture and Markets. $100,000. June 1- March 1, 2022. (PI).

“New York Dairy and Livestock Risk Management Education Project.” USDA National Institute of Food and Agriculture. $100,000. June 1, 2020 - November 30, 2021). (PI).

“Maximizing Marketing Returns to Animal Welfare Practices and Biotechnology in Animal Agriculture.” USDA National Institute of Food and Agriculture. $157,706. September 30, 2018-September 29, 2019. (Co-PI).

“Framework for Analysis of Federal Dairy Safety Net Programs.” USDA Office of the Chief Economist. $15,000. September 30, 2016- September 29, 2017. (Co-PI)

“Dairy Farm Financial Benchmarking.” USDA-NIFA. $50,000. October 1, 2016-September

30, 2019. (Co-PI).

“The Role of Mexican-Born Workers in the Michigan Dairy Industry.” Rackham Foundation Grant. $90,000. (Co-PI). September 2016-August 2019.

“Development of a Internet Based Producer Decision Tool for the Margin Protection Program for Dairy Producers.” $20,000. October 2014-June 2016. (Investigator).

“Integrated Cost-Effective Control of Bovine Leukosis Virus in Dairy Cattle.” USDA-NIFA. February 2014-January 2019. $999,998. (Investigator).

“An Integrated Extension and Education Program to Reduce Mastitis and Antimicrobial Use.” USDA-NIFA. October 2012-September 2017. $2,913,199. (Co-PI).

“Correcting Market Failures in the Spread of Livestock and Wildlife Diseases.” USDA-NIFA. January 2012-December 2015. $498,281. (Co-PI).

“Beef And Dairy Cattle Animal Welfare: Market Opportunities And Threats.” USDA-NIFA. January 2012-December 2014. $498,261. (Co-PI).

“**Michigan Farm Financial Data and Farm Benchmarking.” Oct. 2010-Sep. 2011, $40,000; Oct. 2011-Sep. 2012, $36,000; Oct. 2012-Sep. 2013, $22,800; Oct 2013-Sep 2014. State Leader.**

“Impacts of Risk-based Management Changes in Reducing the Incidence and Prevalence of *M. paratuberculosis* Infection in Dairy Herds.” US Department of Agriculture-Animal and Plant Health Inspection Service. April 2010-March 2011. $65,943. (Co-PI).

“Assessing and Designing Farm Financial Record Systems.” GreenStone Farm Credit Services. $12,000. April 2008-June 2009. (PI)

“Michigan Johne’s Disease Control Program.” US Department of Agriculture-Animal and Plant Health Inspection Service. $123,819. January 2008-December 2008. (Co-PI).

“Cost–Benefit Analysis of the US TB Eradication Program.” US Department of Agriculture, Animal and Plant Health Inspection Service. September 2007-September 2008. $150,000 (PI)

“Bioeconomics of Managing Multi-Host Diseases.” US Department of Agriculture, Economic Research Service. Program of Research on the Economics of Invasive Species Management. R. Horan and C. Wolf. October 2006-September 2009. $117,000. (Co-PI)

“Bioeconomics of Managing Pathogens in Multi-Host, Livestock-Wildlife Systems.” US Department of Agriculture, National Research Initiative. R. Horan and C. Wolf. October 2006-September 2009. $231,886. (Co-PI)

“Costs and Benefits of Johne’s Disease Control.” U.S. Department of Agriculture, Animal and Plant Health Inspection Service. July 2006-June 2007. $70,513. (PI)

“Michigan Johnes Disease Control Program.” U.S. Department of Agriculture—Animal and Plant Health Inspection Service. J. Kaneene, D. Grooms, C. Bolin, S. Bolin, and C. Wolf. October 2005-September 2006. $136,840. (Co-PI)

“The Economics of Managing Infectious Wildlife Disease When Livestock are at Risk.” U.S. Department of Agriculture—Economic Research Service, Program of Research on the Economics of Invasive Species Management. R. Horan and C. Wolf. October 2003-September 2006. $129,000. (Co-PI)

“Michigan Johne’s Disease Control Program.” U.S. Department of Agriculture—Animal and Plant Health Inspection Service. J. Kaneene, C. Bolin, S. Bolin, D. Grooms, and C. Wolf. October 2002-September 2003. $32,503. (Investigator)

“Bovine Tuberculosis: Epidemiology, Diagnosis, and Pathogenesis.” U.S. Department of Agriculture National Research Initiative. J. Kaneene, S. Fitzgerald, P. Bartlett, C. Bolin, S. Bolin, D. Grooms, R. Tempelman, P. Coussens, and C. Wolf. April 2002-March 2004. $297,445. (Investigator)

“Enhancing Management and Profitability on Small and Mid-sized Dairy Farms.” U.S. Department of Agriculture-Initiative for Future Agriculture and Food Systems. R. Pursley, M. Vandehaar, G. Smith, and C. Wolf. October 2001-September 2005. $154,000 (grant total $1.9 million). (Co-PI)

“Epidemiology and risk analysis of Mycobacterium bovis in wild and domestic animals in Michigan.” U.S. Department of Agriculture National Research Initiative. J. Kaneene, S. Fitzgerald, C. Wolf, P. Bartlett, R. Griffore, D. Grooms, C. Bolin, S. Bolin. April 2001-March 2003. $305,008. (Investigator)

“Risk analysis, biosecurity and diagnosis of bovine tuberculosis in Michigan.” Michigan Department of Agriculture. J. Kaneene, S. Fitzgerald, C. Wolf and D. Rosenstein. October 2000-September 2003. $99,600. (Investigator)

“Integrating economics into an infection dynamics model.” USAID Linkage Grant. T. Randolph, C. Wolf, J. McDermott, and B. Perry, International Livestock Research Institute. June 2000-June 2001. $7,300. (Co-PI)

“Economic Impact of Bovine TB on Michigan Agriculture.” Michigan Department of Agriculture. C. Wolf and J. Ferris. June 1999-December 2000. $42,352. (PI)

**Internal Funding Sources**

“Grower decision support tool for conversion to a high-efficiency tart cherry orchard system.” Project GREEEN. Michigan AgBioResearch and MSU Extension. $35,400. September 2011-June 2012.

“Supporting Optimal Michigan Dairy Price Risk Management Decisions.” Animal Agriculture Initiative, Michigan Agricultural Experiment Station and MSU Extension. $30,041.00. July 2010-June 2011. (PI)

“Assessing and Designing Farm Financial Record Systems.” Project GREEEN, Michigan Agricultural Experiment Station. $10,000. April 2008-June 2009. (PI)

“Understanding Michigan Consumer Preferences for Livestock Products.” Michigan Agricultural Experiment Station and MSU Extension. G. Tonsor and C. Wolf. July 2007-December 2008. $48,000. (Co-PI)

“Expanding the Land Base for Manure Use: Integrating Livestock- and Crop-based Cropping Systems.” Michigan Agricultural Experiment Station and MSU Extension. T. Harrigan, C. Wolf, L. Jacobs, and N. Rector. July 2007-December 2009. $24,923. (Co-PI)

“Optimal livestock diet formulation with farm environmental compliance consequences.” Michigan Agricultural Experiment Station and MSU Extension.” C. Wolf. July 2005-December 2006. $28,970. (PI)

“Michigan Equine Industry Status and Impacts.” Michigan Agricultural Experiment Station and MSU Extension.” C. Skelly, C. Wolf, M. Rossano, and J. Kaneene. July 2005-December 2006. $42,000. (Co-PI)

“Understanding the Structure and Competitiveness of the Michigan Dairy Industry.” Michigan Agricultural Experiment Station and MSU Extension. C. Wolf. July 2004-December 2005. $18,700. (PI)

“Economic Implications of Nutrient Balancing Programs on Michigan Livestock Operations.” Michigan Agricultural Experiment Station and MSU Extension. C. Wolf and S. Batie. July 2002-December 2003. $25,877. (Co-PI)

“Optimal Culling Decisions for Michigan Dairy Farms.” Michigan Agricultural Experiment Station and MSU Extension. C. Wolf. July 2000-December 2001. $18,922. (PI)

“Agribusiness Strategies and Public Investment in Agricultural Research for the Next Millennium: Theory and Application to the Michigan Dairy Industry.” Michigan Agricultural Experiment Station Social Science Disciplinary Grant. J. Oehmke, C. Wolf and D.Weatherspoon. January 1999-January 2003. $75,000. (Co-PI)

“Assessing the Structure and Competitiveness of the Michigan Dairy Industry.” Michigan Agricultural Experiment Station and MSU Extension. C. Wolf. 1998-2000. $15,700. (PI)

“Determining the Profitability and Production Efficiency of the Crop and Livestock Enterprises of Michigan Dairy Operations.” Michigan Agricultural Experiment Station and MSU Extension. S. Harsh and C. Wolf. 1997-2000. $148,000. (Co-PI)

**PRESENTATIONS**

**Invited Presentations**

Wolf, C. “Milk Composition, Products Surveyed, and Base Class I Skim Milk Price.”

Professional Dairy Producers, Madison, WI. September 18, 2024.

Wolf, C. “Overview of Proposed Changes in the Recommended FMMO Reform Decision.”

Professional Dairy Producers, Madison, WI. September 18, 2024.

Wolf, C. “2024 Dairy Market and Policy Situation and Outlook.” Carver County Dairy Expo.

Norwood-Young America, MN. February 19, 2024.

Wolf, C. “Federal Milk Marketing Order Reform: Background and Effects.” Pennsylvania Dairy

Summit. Lancaster, PA. February 6, 2024.

Wolf, C. “Framing the Carbon Market and Policy Situation for the US Dairy Industry.” National

Workshop for Dairy Economists and Policy Analysts. Madison, WI. October 25, 2023.

Wolf, C. “Dairy Policy For 2023 and Beyond.” Pennsylvania Center for Dairy Excellence.

September 12, 2023.

Wolf, C. “Milk Cost of Production and Dairy Farm Profitability.” Testimony at Federal Milk

Marketing Order Hearing. Carmel, IN. September 11, 2023.

Wolf, C. “Federal Milk Marketing Order Reform in 2023.” Pennsylvania Center for Dairy

Excellence. April 26, 2023.

Wolf, C. “Federal Milk Marketing Order Make Allowances.” New York Cheese Manufacturers

Association Annual Meeting. Syracuse, NY. March 6, 2023.

Wolf, C. “Economic Outlook for Northeast Agriculture.” Northeast Agribusiness and Feed

Alliance Annual Meeting. Albany NY. February 8, 2023.

Wolf, C. “The State of US Dairy Policy in 2023.” Northeast Dairy Policy Summit. Binghamton

NY. December 15, 2022.

Wolf, C. “Simplifying Federal Milk Marketing Orders.” American Farm Bureau Federation

Federal Milk Marketing Order Forum. Kansas City. October 16, 2022.

Wolf, C. “Federal Milk Marketing Orders and Producer Pricing.” Commission to Revitalize the

Vermont Dairy Industry, September 12, 2022.

Wolf, C. “2022 Dairy Market Situation and Outlook.” NYS Ag and Markets Milk Market

Advisory Council. March 21, 2022.

Wolf, C. “2022 Dairy Market Situation and Outlook.” Farm Credit East. January 21, 2022.

Wolf, C. “Effects of NY Ag Overtime Laws on Production Costs and Competitiveness.” Becker

Forum. January 10, 2022.

Wolf, C. “2022 Dairy Market and Policy Outlook.” Michigan Agricultural Credit Conference.

East Lansing, MI. October 26, 2021.

Wolf, C. “Milk Pricing: Areas for Improvement and Reform.” US Senate Agricultural

Committee Hearing. Washington DC. September 15, 2021.

Wolf, C. “Dairy Situation and Policy Outlook.” Northeast Agribusiness and Feed Alliance

Annual Meeting. August 31, 2021.

Wolf, C. “Federal Milk Marketing Order Pricing and Policy Issues.” Wisconsin Farm Bureau

Federation. August 26, 2021.

Wolf, C. “Federal Milk Marketing Order Pricing Rules and Policy Options.” American Farm

Bureau Federation Dairy Policy Committee. June 23, 2021.

Wolf, C. “COVID Retrospective Market Analysis.” Cornell Herd Health and Nutrition

Conference. April 5, 2021.

Wolf, C. “2021 Dairy Market Situation and Outlook.” Farm Credit East. January 21, 2021.

Wolf, C. “COVID-19 and the US Dairy Supply Chain.” Four-State Dairy Industry Conference.

November 12, 2020.

Wolf, C. “The Economics of Animal Health and Livestock Disease: Discussion.” AAEA

Handbook Webinar. October 26, 2020.

Wolf. C. “COVID-19 Impacts and Lessons for the Dairy Industry.” New York Cheesemaker’s

Association. September 15, 2020.

Wolf, C. “COVID-19 Impacts on the US Dairy Supply Chain.” DairyCon 2020. Northeast Dairy

Foods Association. August 13, 2020.

Wolf, C. “US Consumer Dairy Product Demand: Lessons from the Economics Literature.” New

York Cheesemaker’s Association. Syracuse, NY. March 2, 2020.

Wolf, C. “2020 US Agricultural Market and Policy Situation.” Northeast Agribusiness and Feed

Alliance. Albany, NY. February 5, 2020.

Wolf, C. “Dairy Farm Financial Decision-Making in Turbulent Times.” World Dairy Expo.

Madison, WI. October 5, 2019.

Wolf, C. “Strategies for Dairy Farms in Stressful Times.” New York Banker’s Association.

Auburn, NY. July 12, 2019.

Wolf, C. “Dairy Industry Pricing and Production Policy.” Michigan Farm Bureau Dairy

Advisory Committee. Lansing, MI. June 19, 2019.

Wolf, C. “Consumer and Public Perceptions of Dairy Cattle Welfare: Implications for Practices,

Policy, and Market Demand.” Dairy Cattle Welfare Symposium. Orlando, FL. May 30, 2019.

Wolf, C. “Dairy Markets and Trade Outlook.” Michigan Dairy Industry Conference. Traverse

City, MI. May 16, 2019.

Wolf, C. “Economic Implications of Restricting Farm Production Practices.” Dyson School of

Applied Economics and Management. Cornell University. December 17, 2018.

Wolf, C. “Michigan Dairy Market and Farm Financial Situation and Outlook.” Michigan

Banker’s Association Ag Day. Lansing, MI. October 11, 2018.

Wolf, C. “Dairy Revenue Protection Insurance: Overview and Mechanics.” GreenStone Farm

Credit Services. East Lansing. September 26, 2018.

Wolf, C. “Dairy Policy Outlook: Trade and the Next Farm Bill.” Michigan Dairy Industry

Conference. Traverse City. May 17, 2018.

Wolf, C. “What does NAFTA mean to US and Michigan Agriculture?” Michigan Farm Bureau

Policy Conference. Mount Pleasant. February 13, 2018.

Wolf, C. “Michigan Milk Check Economics.” Great Lakes Regional Dairy Conference. Mount

Pleasant, MI. February 8, 2018.

Wolf, C. “Consumer and Public Perceptions of the US Dairy Industry: Implications for

Practices, Policy, and Market Demand.” World Dairy Expo. October 6, 2017.

Wolf. C. “Dairy Farm Financial Performance: Competitiveness and Policy Implications.” World

Dairy Expo. October 6, 2017.

Wolf, C. “Economic Issues and Policies Affecting the Michigan Dairy Industry.” Michigan

Dairy Industry Conference. Lansing, MI. June 1, 2017.

Wolf, C. “Stress and Resilience in the US Dairy Farm Industry.” National Workshop for Dairy

Economists and Policy Analysts. San Diego, CA. May 3, 2017.

Wolf, C. “Dairy Farm Financial Performance and the Actual Dairy Production Margin.”

National Milk Producers Federation Economic Policy Leaders. Washington, DC. December 16. 2016

Wolf, C. “Dairy Farm Financial Risk: Metrics and Management.” National Milk Producers

Federation Annual Conference. Nashville. TN. October 31, 2016.

Wolf, C. “Dairy Farm Financial Performance: Comparison of Metrics.” New York Bankers

Association. Batavia, NY. July 8, 2016.

Wolf, C. “Dairy Industry Trends and Implications.” Michigan Dairy Industry Conference.

Holland, MI. May 26, 2016.

Wolf, C. “Public and Farmer Perceptions of Cattle Welfare in the United States: Implications for

Demand and Policy.” Center for Animal Welfare Science Symposium. May 18, 2016. West LaFayette, IN.

Wolf, C. “Benchmarking Dairy Farm Financial Performance.” Large Dairy Herd Management

Conference. May 2-4, 2016. Oak Brook, IL.

Wolf, C. “Producer incentives in livestock disease management: A synthesis of conceptual and

empirical studies.” Organization for Economic Cooperation and Development. March 19, 2016. Paris, France.

Wolf, C. “US Public and Producer Dairy Cattle Welfare Perceptions and Attitudes.” Center for

Animal Welfare Science Symposium, May 21, 2015. West LaFayette, IN.

Wolf, C., W. Knoblauch, M. Stephenson, and A. Novakovic. “The Actual Dairy Producer

Margin and Farm Financial Performance.” 22nd Annual National Workshop for Dairy Economists and Policy Analysts. April 30, 2015. Portland, OR.

Wolf, C., W. Knoblauch, M. Stephenson, and A. Novakovic. “Measuring Farm Financial

Performance: Implications for Markets and Policy.” 21st Annual National Workshop for Dairy Economists and Policy Analysts. May 1, 2014. Milwaukee, WI.

Wolf, C. “Dairy Situation and Outlook.” Midwest and Great Plains Outlook Conference. August

13, 2013. Indianapolis, IN.

Wolf, C. “Indemnity Design Against Moral Hazard and Adverse Selection.” Livestock Disease

Policies: Building Bridges Between Animal Sciences and Economics. June 2013. Organization for Economic Cooperation and Development, Paris.

Wolf, C. “The Effect of Risk on Dairy Farm Management.” World Dairy Expo. October 5, 2012.

 Madison, WI.

Wolf, C. “Growth Management, Milk Price, and Margin Outcomes.” 19th Annual National

Workshop for Dairy Economists and Policy Analysts. May 12, 2012. Salt Lake, UT.

Tonsor, G. and C. Wolf. “The Effect of Video Information on Consumers: The Case of Milk

Production Attributes.” Organized Symposium presentation Agricultural and Applied

Economics Association Annual Meeting. July 2011. Pittsburgh, PA.

Wolf, C. “rbST Supply Chain Decisions.” Department of Agribusiness and Agricultural

Economics. North Dakota State University. October 8, 2010.

Wolf, C., B. Gramig, and R. Horan. “Implementing Incentive Compatible Livestock Disease Indemnities.” Alternative Methods for Livestock Compensation Workshop. USDA- APHIS. Fort Collins, CO. July 23, 2010.

Wolf, C. “Dairy Situation and Prospects for the Upper Midwest Dairy Industry.” Perspectives on

 the Future of Midwest Agriculture Conference, Federal Reserve Bank of Chicago. December 1, 2009.

Wolf, C. R. Horan, and F. Xie. “A Bioeconomic Model to Predict Livestock Disease Spread.”

 USDA ERS PREISM Conference. Washington, DC. October 23, 2009.

Wolf, C. “Economic Analysis of US TB Eradication Program Options.” USDA-APHIS. Washington, DC. October 6, 2008.

Wolf, C. and H. Groenendaal. “Farm Level Economic Analysis of Johne’s Disease Control

 Programs.” Johne’s Disease Integrated Program 4th Annual Meeting. East Lansing, 2008.

Wolf, C. “Simulating TB Spread for Economic Analysis.” USDA-APHIS. Washington, DC.

 February 19, 2008.

Wolf, C., R. Horan, and E. Fenichel. “Joint Management of Livestock and Wildlife Disease.”

 USDA ERS PREISM Conference. Washington, DC. October 19, 2007.

Wolf, C. “Marketing Producer Milk without Federal Orders.” Dairy Farmers of America

 Mideast and Central Area Council Meeting. Chicago, IL. October 10, 2007.

Wolf, C. “Procuring Milk without Federal Orders: The Mideast Perspective.” Wisconsin

Cheesemakers Conference. Lacrosse, WI. April 19, 2007.

Wolf, C. and H. Groenendaal. “Economic Implications of Voluntary Johne’s Disease Control.”

National Johne’s Working Group. Sacramento, CA. April 1, 2007.

Wolf, C. “Economic Issues Related to Raising Dairy Replacements.” 11th Annual Professional

Dairy Heifer Growers Association Conference. Burlington, VT. March 21, 2007.

Wolf, C., R. Horan and B. Gramig. “US Livestock Indemnity Policy Incentives and

Implications.” USDA ERS PREISM Conference. Washington, DC. October 20, 2006.

Wolf, C. “The Upper Midwest Dairy Cluster: Decline or Revitalization?” Porter Cluster AAEA

Pre-Conference. Providence, RI. July 23, 2005.

Wolf, C. “A Decade of Bovine Somatotropin: What have we learned about the economics of rbST?” Pacific Northwest Dairy Nutrition Conference. Seattle, WA. October 5, 2004.

Wolf, C. “Public and Private Economic Incentives for Livestock Disease Control.” Economic

# Impact of Animal Disease on the Food Marketing Sector Conference. Denver, CO. July 11, 2003.

Wolf, C. “Experience with use of USDA Farm Costs and Returns Data.” AAEA USDA Post-

Conference. Long Beach, CA. July 31, 2002.

Wolf, C. “Attaining Promotion and Tenure with an Extension Appointment: Perspective of a

Current Candidate.” AAEA Organized Symposium. Long Beach, CA. July 30, 2002.

Wolf, C and S. Harsh. “Farming as an Enterprise: Challenges and Opportunities, the U.S.

Perspective.” International Farm Management Congress. Arnhem, The Netherlands. July 12, 2002.

Wolf, C. “The Economic Impacts of Bovine TB in Michigan Agriculture.” International Bovine

Tuberculosis Conference. Lansing, Michigan. March 6, 2001.

Wolf, C. “Effects of Bovine TB in Michigan Agriculture.” Michigan Agri-Business Association

Winter Conference. Lansing, Michigan. January 17, 2001.

Wolf, C. “Risk Management, Technology Adoption and Structural Change in the US Dairy

Industry.” International Agricultural Economics Association meeting. Berlin, Germany. August 2000.

Wolf, C. “Structural Change in Michigan and US Dairy Farms.” Michigan Dairy Industry

Conference. Mount Pleasant, Michigan. April 2000.

Wolf, C. “Economic Costs of Bovine TB to Michigan Agriculture.” International Bovine

Tuberculosis Conference. Lansing, Michigan. March 2000.

**Selected Papers, Posters and Symposium Presentations** (not previously listed as abstracts)

Myers, J., T. Malone and C. Wolf. “Consumer Confusion Associated with the term “Milk” on

Dairy and Non-Dairy Beverage Labels.” Southern Agricultural Economics Association Outstanding Poster Award. Oklahoma City, OK. February 8, 2023.

Malone, T., C. Wolf and B. McFadden. “Can you really milk an almond? Predicting Effects of

Mandatory Labeling Changes in U.S. Dairy Markets.” AAEA Annual Meeting, Atlanta, GA 2019.

Wolf, C. and G. Tonsor. “Dairy Farmer Willingness-to-Supply Animal Welfare Related

Practices.” AAEA Annual Meeting, San Francisco, CA. July 2015.

Wolf, C., M. Stephenson, W. Knoblauch, and A. Novakovic. “Firm, Year, and Industry Structure

Effects in the Analysis of Dairy Farm Financial Performance.” AAEA Annual Meeting, San Francisco, CA. July 2015.

Hadrich, J., C. Wolf and K. Johnson. “Characterizing U.S. Dairy Farm Wealth and Income

Distributions.” AAEA Annual Meeting, San Francisco, CA. July 2015.

Bozic, M., C. Wolf, F. Yang, J. Newton, and C.Thraen. “Margin Protection Program for Dairy

Producers: Implementation, Participation, and Consequences.” AAEA Crop Insurance and the 2014 Farm Bill Symposium. Louisville, KY. October 2014.

Newton, J., M. Bozic, C. Wolf, and C. Thraen. “Option Valuation and Speculative Interest in a

MPP-Dairy Margin Futures Contract.” AAEA Crop Insurance and the 2014 Farm Bill Symposium. Louisville, KY. October 2014.

Wolf, C., M. Bozic, J. Newton, and C. Thraen. “Moove Over: Will Government Margin

Protection Crowd Out Private Risk Management?” AAEA Crop Insurance Symposium. October 2013. Louisville, KY.

Wolf, C. and G. Tonsor. “Dairy Farmer Preferences for the 2012 Farm Bill.” Selected Paper,

2012 AAEA Annual Meeting, Seattle, WA.

Wolf, C., F. Lupi, and S. Harsh. “Market Segments and Farmer Preferences for Financial Record Systems.” 2011 AAEA Annual Meeting, Pittsburgh, PA.

Olynk, N., C. Wolf, and G. Tonsor. “Producer Technology Use and the Value of Autonomy: The Case of rbST.” 2010 AAEA Annual Meeting, Denver, CO.

Tonsor, G., N. Olynk, and C. Wolf. “Media Coverage of Animal Handling and Welfare: Influence on Meat Demand.” 2009 AAEA Annual Meeting, Milwaukee, WI.

Hadrich, J., C. Wolf., and F. Lupi. “Manure Handling System Attributes Impact on Manure

 Management Investment Decisions: A Random Utility Model Approach.” Selected Paper, 2008 AAEA Annual Meeting, Orlando, FL.

Gramig, B., R. Horan, and C. Wolf “Livestock Disease Indemnity Design When Moral Hazard is

 Followed by Adverse Selection.” Selected Paper, 2008 AAEA Annual Meeting, Orlando, FL.

Olynk, N. and C. Wolf. “Aligning Incentives for Accelerated Heifer Growth in Custom Heifer

 Growing Contracts.” Selected Paper, 2008 AAEA Annual Meeting, Orlando, FL.

Tonsor, G., N. Olynk, and C. Wolf. “Consumer Preferences for Animal Welfare Attributes: Case

 of Gestation Crates.” Selected Paper, 2008 AAEA Annual Meeting, Orlando, FL.

Gramig, B. and C. Wolf. “Estimating Within-Herd Preventive Disease Spillovers.” Principal

 Paper, 2007 AAEA Annual Meeting, Portland, OR.

Olynk, N. and C. Wolf. “Structural Change in the US Dairy Herd: A Markov Analysis.” Selected

 Poster, 2007 AAEA Annual Meeting, Portland, OR.

Wolf, C., J. Hadrich, and J.R. Black. “Dairy Farm Revenue Insurance: Is the Application

Viable?” Selected Paper, 2006 AAEA Annual Meeting, Long Beach, CA.

Gramig, B., C. Wolf, and F. Lupi. “Fractional Logit Estimation Method for Economic Analysis of Herd-level Livestock Health: Bovine Leukosis Virus on U.S. Dairy Farms.” 2006

AAEA Annual Meeting, Long Beach, CA.

Hadrich, J., C. Wolf, and S. Harsh. “Optimal Livestock Diet Formulation with Farm

Environmental Consequences.” Selected Paper, 2005 American Agricultural Economics Association Annual Meetings, Providence, RI.

Gramig, B., R. Horan and C. Wolf. “A Model of Incentive Compatibility under Moral Hazard in

Livestock Disease Outbreak Response.” Selected Paper, 2005 American Agricultural Economics Association Annual Meetings, Providence, RI.

Horan, R., C. Wolf, E. Fenichel, and K. Matthews. “Spatial Management of Wildlife Disease.”

Selected Paper, 2005 Allied Social Science Association Meetings, Philadelphia, PA.

Horan, R., C. Wolf, and E. Fenichel. “Controlling Wildlife and Livestock Disease with

Endogenous On-Farm Biosecurity.” Selected Paper, 2004 American Agricultural

Economics Association Annual Meetings, Denver, CO.

Horan, R., E. Fenichel, C. Wolf. “The Role of Sexual Dimorphism in the Economics of Wildlife

Disease Management.” Selected Paper, 2004 American Agricultural Economics Association Annual Meetings, Denver, CO.

Oehmke, J. and C. Wolf. “BST and US Dairy Policy: Do Technology and Policy Conspire

Against Small Farmers?” International Biotechnology Meeting. Ravello, Italy. July 2004.

Wolf, C., S. Harsh and E. Wittenberg. “Using the Cost of Producing Milk to Make Management

Decisions: Is Some Number Better than No Number?” Triennial Farm Management

Conference. June 15, 2004.

Horan, R. and C. Wolf. “The Economics of Managing Wildlife Disease.” Selected Paper, 2003

American Agricultural Economics Association Annual Meetings, Montreal, QC.

Maynard, L., C. Wolf and M. Gearhardt. “Policy Interactions and Conflicts with U.S. Milk

Hedging Effectiveness.”

Organized Symposium, 2003 American Agricultural Economics

Association Annual Meetings, Montreal, QC.

Wolf, C. and J. Oehmke. “Did Monsanto Leave Money on the Table? Technology Valuation

 with Heterogeneous Adopters.” Selected Paper, 2002 American Agricultural Economics

 Association Annual Meetings, Long Beach, CA.

Wolf, C. “Productivity, Herd Size and Technology Adoption.” Organized Symposium, 2002

American Agricultural Economics Association Annual Meetings, Long Beach, CA.

Oehmke, J. and C. Wolf. “Cyclical Concentration and Biotech Activity.” International

Agricultural Economics Association meeting. Berlin, Germany. August 2000.

Lupi, F. and C. Wolf, “Economic Issues Related to Transmission of Bovine Tuberculosis from

Deer to Domestic Livestock in Michigan,” USDA National Wildlife Research Center, Conflicts Between Humans and Wildlife. Fort Collins, CO. August 3, 2000.

Wolf, C. and Derek Berwald. “The Information Content of Dairy Options Contracts.” Selected

Paper, 2000 American Agricultural Economics Association Annual Meetings, Tampa.

Wolf, C., D. Weatherspoon and J. Oehmke. “Economic Decisions in Biotechnology

Commercialization: Lessons for Small Firms and Universities.” International Agricultural Marketing Association Conference. Chicago, Illinois. June 2000.

Wolf, C. and D. Sumner. “Dairy Policy and the Value of the California Milk Quota,” Western

Economics Association Annual Meetings. Vancouver, British Columbia. July 1994.

**Selected Extension Programs and Presentations**

“Final FMMO Reform Decision and Farm Impacts.” Ohio State University Extension. January 7.

2025.

“US Agricultural Economic Situation.” Tompkins County Farm Bureau. October 23, 2024.

“2024 Dairy Market Situation and Outlook.” Ohio State University 2024 Ag Commodity

Outlook Meeting. March 8, 2024.

“2024 Dairy Market Situation and Outlook.” Cropgrowers Meeting. February 28, 2024.

“2024 Dairy Market Situation and Outlook.” Farm Credit East Webinar. January 24, 2024.

“2024 Dairy Market Situation and Outlook.” Dyson Food and Agribusiness Outlook. January

19, 2024.

“2024 Dairy Market and Policy Outlook.” NY Milk Market Advisory Council. December 19,

2023. Albany, NY.

“Dairy Market Situation and Outlook: 2023 and Beyond.” Crop Growers. Waterloo, NY. March

28, 2023.

“2023 Dairy Farm Financial Situation.” NY Milk Market Advisory Committee. March 20, 2023.

Albany, NY.

“Dairy Policy Outlook: What can we expect in 2023?” Dyson Agribusiness and Food Outlook

Conference. January 20, 2023.

“2023 Dairy Situation and Outlook.” North Country Dairy Days. Watertown and Lowville, NY.

January 17 and 18, 2023.

“How is your milk price determined?” Catskill Regional Agricultural Conference. Delhi, NY.

January 12, 2023.

“Farm Milk Price and the Producer Price Differential” and “Dairy Margin Coverage Program

and Market Outlook.” Cornell Cooperative Extension. Oneonta, NY. October 11, 2022.

“Inflation and other economic factors.” Northeast Agriculture and Feed Alliance. Albany, June

23, 2022.

“2022 Dairy Market Situation and Outlook.” Northeast Agriculture and Feed Alliance. Albany,

April 4, 2022.

“Base Programs in the Dairy Industry.” Northeast Dairy Producers Association Conference.

Syracuse, March 10, 2022.

“Dairy Margin Coverage Program Decisions.” Cornell Cooperative Extension. Southcentral and

Northwest NY Dairy Discussion groups. January 27, 2022.

“Risk Management Dairy Market Situation 2022.” Pennsylvania Center for Dairy Excellence.

January 26, 2022.

“2022 Dairy Policy Outlook.” Dyson Agribusiness and Food Outlook. January 24, 2022.

“US Dairy Policy Issues and Options.” Ohio Dairy Producers Association. December 7, 2021.

“US Dairy Supply and Demand” and “Farm Milk Pricing.” Cornell Summer Dairy Institute. July

13, 2021.

“What we know today: Dairy markets and policy outlook.” Carver County Dairy Days,

Minnesota. February 15, 2021.

“2021 Dairy Market Situation and Outlook.” CCE North Country Dairy Day. January 14, 2021.

“Milk Market Outlook.” NY Ag Milk Market Advisory Committee. November 9, 2020.

“Dairy Price Risk Management.” Cornell Extension Webinar. November 3 and 10,

2020.

“Mysteries of Your Milk Check.” Cornell Extension Webinar. October 14, 2020.

“Dairy Market Trends and Economic Implications.” Cornell Dairy Executive Education.

February 27, 2020. Ithaca.

“Consumer Trends and Structural Change in the Dairy Industry.” Dyson Outlook Conference.

January 17, 2020. Ithaca.

“US Dairy Market and Policy Situation and Outlook.” North Country Dairy Days. Three

locations in New York. January 3, 22, and 24, 2020.

“2020 Dairy Market Outlook.” Michigan Ag Credit Conference. October 23, 2019. East Lansing.

“US Dairy Trade: Trends, Wars and Farm Effects.” Dairy Farmers of America. Ithaca, NY.

September 17, 2019.

Michigan Agricultural Credit Outlook Conference. Organizer, moderator, and presenter. East

Lansing, MI. “Michigan Milk Price Situation and Policy Outlook.” Annually 2000-2018.

“Dairy Margin Coverage Program and 2019 Milk Price Outlook.” John Deere Forage Day. East

Lansing. February 20, 2019.

“Dairy Margin Coverage Program Decisions.” Michigan Milk Producer’s Association Meetings.

St Johns and Sandusky MI. February 12 and 13, 2019; MSU Webinar April 15, 2019; GreenStone FCS webinar May 7, 2019.

“Dairy Revenue Protection: Farm Decisions.” St. Johns, MI. December 5, 2018.

“The 2018 Dairy Margin Protection Program: Overview and Decisions.” Seven locations across

Michigan. April and May 2018.

“Dairy Economic Issues in 2018.” John Deere Forage Day. East Lansing. March 13, 2018.

“Dairy Market Situation and Outlook.” Bi-monthly webinar. 2012-2017.

“Understanding your Milk Check.” MSU Extention. Cadillac, MI. December 1, 2017.

“Dairy LGM: Is it a viable option in 2018?” Michigan Dairy Industry Advisory Committee.

November 9, 2017.

“Dairy Farm Financial Decision-making in 2016 and Beyond.” Seven locations around Michigan

February-March 2016.

“US Dairy Market Outlook and Implications for Farm Financial Decision-making.” January 27

(Cadillac) and 28 (St Johns, MI), 2016.

“Dairy Trends and Michigan Implications.” Michigan Agri-Business Association Annual

Conference. Lansing, MI. January 12, 2016.

“The Dairy Margin Protection Program: 2015 Decisions and Outlook.” Organizer and presenter. Seven locations around Michigan. September-November 2015.

“The Dairy Margin Protection Decision.” National on-line webinar. Co-presenter. Sept. 4, 2015.

“Michigan Milk Production Growth and Margin Risk.” Michigan Dairy Industry Conference.

May 14, 2015. Holland, MI.

“The Dairy Margin Protection Program: Information and Opportunities.” Organizer and presenter. 14 locations around Michigan and 4 in Indiana. September-November 2014.

“2012 Dairy Situation and Outlook.” Michigan Agricultural Commodity Expo. Lansing, MI.

January 26, 2012 and Michigan Dairy Industry Conference, Mount Pleasant, May 2012.

“Risk Management for Dairy Farms: Costs, Cash Flow and Milk Price.” Four locations around Michigan. June 2011

“Dairy Markets and Policy Situation and Outlook.” Farm Bureau Policy Committee. South Haven, Michigan. May 24, 2011

“Risk Management for Dairy Farms: Tools and Issues.” 6 locations around Michigan. March and April, 2011.

“Positioning your dairy farm for the future: Risk management.” Great Lakes Regional Dairy Conference. Frankenmuth, MI. February 4, 2011.

“Future Directions of US Dairy Policy.” Michigan Farm Bureau Convention. December 1, 2010.

“Dairy Margin Protection Plans.” Michigan Farm Bureau Policy Committee. October 6, 2010.

“The Economics of Milk Production and the US Dairy Value Chain.” WorldTAP International

 Short Course in Milk Production. August 20, 2010.

“Positioning Your Dairy Business for the Future: Intensive Strategic Workshop for Dairy

 Producers.” Primary Organizer and Presenter. Hillsdale and Grand Rapids. Mar-Apr 2010.

“Consumer Preferences, Attitudes and Information Sources for Animal Welfare and Food Safety.” Michigan Dairy Industry Conference. Mount Pleasant, MI. May 21, 2009.

“Managing Milk Cost of Production.” Michigan Milk Producers Advisory Board. Apr.23, 2009.

“Overview of Economic Issues in Michigan Livestock Agriculture.” State of Michigan Senate

 Fiscal Committee. August 22, 2008.

“Cooperatives and Milk Marketing Orders.” Dairy Farmers of America Mideast Region Council.

 June 18, 2008. Cleveland OH.

“Dairy Situation and Outlook.” Antrim DHI. April 16, 2008. Ellsworth, MI.

“Dairy Situation and Economic Outlook.” Ohio Dairy Producers Association. March 4, 2008.

 Wooster, OH.

“High Feed Prices: The Perfect Storm or a New Weather Pattern?” Presented as part of

 9 locations across Michigan January, February, and March 2008.

“Dairy Situation and Outlook.” Michigan Agribusiness Association Conference. Lansing, MI.

 January 14, 2008.

“Human capital and structural change in US Agricuture.” Farm it Forward. Hickory Corners,

Michigan. January 4, 2007.

“The Structure, Efficiency and Competitiveness of the Michigan Dairy Farm Industry.”

Michigan Banker’s Association Annual Meeting. Lewiston, MI. September 28, 2006.

“Basics of Milk Pricing and Contracting.” Michigan Milk Producer’s Association Forward

Contracting 101. Lansing. February 3, 2005.

“Dairy Market and Policy Outlook.” Three locations (St. Johns, Sandusky and West Branch).

November and December 2004.

“An Economic Snapshot of the Michigan Dairy Industry.” 60th Michigan Dairy Industry

Conference. Lansing. April 29, 2004.

“Dairy Marketing 101: Producer Price Risk Management.” Co-Organizer and Primary Presenter.

Five locations. January-March 2004.

“The Cooperatives Working Together Program and Dairy Policy Outlook.” Michigan Veterinary

Conference. Lansing. January 24, 2004.

“Michigan Dairy Profitability Trends” and “Risk Management and Cash Flow.” Presented at

dairy meeting in Burnips and Westphalia. August 12 and 25, 2003.

“Market Outook and Voluntary Supply Control.” Presented at four meetings in UP and Northern

Michigan, June 19-20, 2003.

“Calculating the cost of producing milk: Methods, benchmarks and implications.” Presented to

the Young Cooperators Conference of Michigan Milk Producers Association. April 2003.

“Milk Market Situation and Outlook,” Presented to the Indiana Professional Dairy Producers. February 8, 2003.

“Economics of Culling Decisions” and “Making Business Decisions Using Culling Information.”

MSU Extension Dairy Management Program (12 locations in Michigan and Indiana). Jan.-Feb., 2003.

“The 2002 Dairy Title and Farmer Decision Making.” Presented to Farm Bureau, Extension,

FSA, and credit personnel. August 29, 2002.

Organized and coordinated Michigan Dairy Options Pilot Program with U.S. Department of

Agriculture-Risk Management Agency. Presented “Basics of Put Options

for Milk Price Risk Management.” Three locations, June 11-13, 2002.

“Economic Impacts of Nutrient Management Strategies for Representative Michigan Dairy

 Farms.” Michigan Environmental Assurance Program Incentives Committee. May 2002.

“Economics of bovine tuberculosis impacts.” Presented to Michigan TB Livestock and Wildlife

Stakeholders Committee. December 6, 2001.

“Risk Management Strategies for Dairy Farms.” Presented to Michigan farmers in four locations.

March-August 2001.

Organized and coordinated Michigan Dairy Options Pilot Program with U.S. Department of

Agriculture-Risk Management Agency. Moderated and presented “Basics of Put Options for Milk Price Risk Management.” Five locations, July 16-20, 2001.

“Potential Economic Implications of Foot-and-Mouth Disease for US Agriculture.” Michigan

Food Safety Alliance. April, 2001.

“New Economic Realities: Farm Financial Management in a Changing Environment.”

Workshop for Michigan farmers at various locations. February-March, 1999 and 2000.

“The cost of milk production in Michigan: Methods and results.” Presented to the Michigan

Dairy Industry Committee and MSUE Dairy Team. December 2000.

“Agricultural economics research in bovine tuberculosis.” Presented to Michigan TB Livestock

and Wildlife Stakeholders November and Michigan Dairy Industry Committee in December 2000.

Organized and coordinated Michigan Dairy Options Pilot Program with U.S. Department of

Agriculture-Risk Management Agency. Moderated and presented “Milk Price Risk

Management: The Basics of Put Options.” Three locations. August 7-9, 2000.

“Milk Check Economics: Implications of Federal Order Reform.” Presented to Cargill Animal

Nutrition. May 2000.

“Understanding Today’s Dairy Environment: Structural Change and Federal Order Reform.”

Presented to Michigan dairy farmers in McBain. March 2000.

Co-organized and presenter of “Identifying and Managing Risk on Dairy Farms,” Three-day

workshops for Michigan dairy farmers in Ubly and St. Johns. February 2000.

“The Economics of Reproductive Success on Dairy Farms.” Presented for MSU Extension Dairy

Management Program (14 locations in Michigan and Indiana). January-February 1999.

“The Price Risk Environment for Dairy Farms,” Presented to Michigan dairy farmers in West

Branch and Clare. November 1999.

“Background of Federal Milk Marketing Order Reform,” Presented at the MSU Federal Order

Reform Teleconference. June 1999.

“Identifying and Managing Risks on Dairy Farms.” Michigan Professional Dairy Farmers.

 March 1999.

“Cost of Production and the Changing Structure of the U.S. Dairy Industry.” Presentation to

Michigan Professional Dairy Farmers. February 1998.

**In-Service Training Programs**

“USDA Final Decision on Federal Milk Marketing Orders and Farm Implications.” Cornell

Cooperative Extension In-Service. November 20, 2024.

“Federal Dairy Policy Situation and Outlook.” Cornell Cooperative Extension In-Service.

November 8, 2023.

“Federal Milk Marketing Order Modernization.” Cornell Cooperative Extension In-Service.

November 17, 2022.

“Dairy Policy Situation and the New York Dairy Industry.” Cornell Cooperative Extension In-

Service. November 19, 2021.

“Helping Farm Business Owners Evaluate Financial Risks.” Cornell Cooperative Extension In-

Service. November 6, 2020.

“COVID-19 and the US Dairy Supply Chain.” Cornell Cooperative Extension In-Service.

November 5, 2020.

“Dairy Situation and Outlook Highlights and What to do about it.” Cornell Cooperative

Extension In-Service. November 7, 2019.

“The Dairy Revenue Protection Insurance Program.” MSUE Dairy and FIRM team and

GreenStone Farm Credit Services. September14, 2018.

“Michigan Milk Check Economics: Understanding Market Balancing Costs.” MSUE Inservice:

Dairy and FIRM Team. October 20, 2017.

“MPP-Dairy Producer Decisions and Outlook.” MSUE In-service: Dairy and FIRM team.

September 11, 2015.

“The Dairy Margin Protection Program: Information and Producer Decision Support.” MSUE In-

service: Dairy and FIRM team. August 27, 2014.

“Consumer and Resident Drivers of Change, Economic Implications, and Unanswered Important Questions.” MSUE In-Service: Discussions on Animal Well-Being and Environment

 December 15, 2009

“Feed Price, Dairy Situation, and Farm Financial Consequences.” Inservice for MSU Extension. June 17, 2008.

“Profitability and Cash Flow on Michigan Dairy Farms.” Presented to MSU Extension.

 Primary organizer and presenter. August 21-22, 2006.

Farm Financial Management Inservice. Presented to MSU Extension. Member of

 organizing committee and presenter. September 25, 2002.

“Dairy Farm Implications of the 2002 Farm Bill.” Presented to MSU Extension. June 2002.

“Milk Price Variation and Price Risk Management Strategies.” Primary organizer and presenter

MSU Dairy Team Inservice. April, 2001.

“Cost of production estimates: What do they mean and who uses them?” Presented to Michigan

Agricultural Statistics Service personnel and survey enumerators. February, 2001.

**Podcasts and Webinars**

Ag Culture Podcast. “Managing Farm Risks.” October 3, 2024.

<https://creators.spotify.com/pod/show/agculture-podcast/episodes/Dr--Chris-Wolf-Managing-Farm-Risks--Ep--42-e2p64f6>

Dairy Science Digest. “Financial thresholds of successful dairy farms.” March 15, 2023.

<https://www.podbean.com/media/share/pb-phdnj-13ba9e2?utm_campaign=w_share_ep&utm_medium=dlink&utm_source=w_share>

Hoard’s Dairy Livestream Webinar. “The feed, fuel and fertilizer forecast.” December 14, 2022.

 <https://hoards.com/article-32939-dairylivestream-december-14-2022.html>

Hoard’s Dairy Livestream Webinar. “Will dairy have a social license to produce milk?”

October 12, 2022. <https://hoards.com/article-32657-dairylivestream-podcast-october-12-2022.html>

Hoard’s Dairy Livestream Webinar. “Can US dairy exports keep growing?” September 14, 2022.

<https://hoards.com/article-32506-dairylivestream-september-14-2022.html>

Hoard’s Dairy Livestream Webinar. “Will milk prices cover growing expenses?” April 6,

2022. <https://hoards.com/article-31732-dairylivestream-april-6-2022.html>

Finger Lakes Podcast. “Cornell overtime study shows effects of 40 hour threshold.” February 14,

2022. <https://www.fingerlakes1.com/2022/02/14/inside-the-flx-cornell-study-of-ag-overtime-shows-effects-of-40-hour-threshold-podcast/>

Dairy Stream Podcast. “How milk classes and components impact milk prices.” December 15,

2021. [www.voiceofmilk.com/dairystream](http://www.voiceofmilk.com/dairystream)

Hoard’s Dairy Livestream Webinar. “This year’s corn silage may feed differently” December 8,

2021. <https://hoards.com/article-31227-dairylivestream-december-8-2021.html>

Hoard’s Dairy Livestream Webinar. “It’s all in the milk flow” November 17, 2021.

<https://hoards.com/article-31104-dairylivestream-november-17-2021.html>

Hoard’s Dairy Livestream Webinar. “Sustainability: What can we do on the farm?” July 21,

2021. <https://hoards.com/article-30568-dairylivestream-july-21-2021.html>

Hoard’s Dairy Livestream Webinar. “New tools to breed more efficient cows.” July 7, 2021

<https://hoards.com/article-30429-dairylivestream-july-7-2021.html>

Hoard’s Dairy Livestream Webinar. “Could AI become illegal and cows become pets?” June

2, 2021 <https://hoards.com/article-30238-dairylivestream-june-2-2021.html>

Hoard’s Dairy Livestream Webinar. “Can we improve Federal Milk Marketing Orders?” May

5, 2021 <https://hoards.com/article-30119-dairylivestream-may-5-2021.html>

Hoard’s Dairy Livestream Webinar. “How we are evaluating farm loans these days” February

17, 2021. <https://hoards.com/article-29672-dairylivestream-february-17-2021.html>

Hoard’s Dairy Livestream Webinar. “What’s the future for ag labor?” February 3, 2021.

 <https://hoards.com/article-29562-dairylivestream-february-3-2021.html>

Hoard’s Dairy Livestream Webinar. “Federal Orders and their Function.” November 18, 2020.

 <https://hoards.com/article-29093-dairylivestream-november-18-2020.html>

Hoard’s Dairy Livestream Webinar. “Taking a Position on Milk Prices.” November 4, 2020.

 <https://hoards.com/article-29016-dairylivestream-november-4-2020.html>

Hoard’s Dairy Livestream Webinar. “Farm Finances and Future Vision.” September 1, 2020.

 <https://hoards.com/article-28597-dairylivestream-september-1-2020.html>

Hoard’s Dairy Livestream Webinar. “Accounting for every nickel during COVID-19.”August 5,

2020. <https://hoards.com/article-28431-dairylivestream-august-5-2020.html>

Hoard’s Dairy Livestream Webinar. “Is the milk price rebound real?” June 24, 2020.

 <https://hoards.com/article-28174-dairylivestream-june-24-2020.html>

Wolf, C. “Practical Risk Management Implications for Commercial Dairy Farms.” Cornell Pro-

Dairy Webinar. June 3. 2020.

Hoard’s Dairyman Livestream Webinar. “The Dairy Finance Pivot.” May 20, 2020.

 <https://hoards.com/article-27919-dairylivestream-may-20-2020.html>

Hoard’s Dairyman Livestream Webinar. “Coops, Customers, and COVID-19.” May 6, 2020.

 <https://hoards.com/article-27820-dairylivestream-may-6-2020.html>

Hoard’s Dairyman Livestream Webinar. “Reducing Milk Production.” April 29, 2020.

<https://hoards.com/article-27761-dairylivestream-april-29-2020.html>

Hoard’s Dairyman Livestream Webinar. “Economics of Milk Dumping.” April 15, 2020.

<https://hoards.com/article-27577-dairylivestream-april-15-2020.html>

Cornell PRO-Dairy Podcast Episode 6: Milk Supply Chain, Price and Policy Challenges. April 7,

2020. <https://soundcloud.com/user-846439092/episode-6-milk-supply-chain-challenges>.

Cornell Food Science Office Hours Webinar. April 16, 2020; May 5, 2020, May 19, 2020.

**Popular Media Contributions/Mentions**

### “Farm Talk” hosted by Maire Ullrich. WTBQ Warwick NY. December 4, 2024. Discussion of

### FMMO Reform.

### “Farm Talk” hosted by Maire Ullrich. WTBQ Warwick NY. November 1, 2023. Discussion of

### dairy policy in Farm Bill and FMMOs.

“Is a dairy price hearing coming?” edairynews. Chris Torres. March 29, 2023

<https://edairynews.com/en/is-a-dairy-pricing-hearing-coming-time-will-tell/>

“Farming Drives Toward 'Precision Agriculture' Technologies.” *Wired*. May 14, 2022.

<https://www.wired.com/story/farming-drives-towards-precision-agriculture-technologies/>

“In farming, a constant drive for technology.” *Salon*. May 6, 2022.

 <https://www.salon.com/2022/05/06/in-farming-a-constant-drive-for-technology_partner/>

“Consumers asked to support Northeast organic dairy industry.” The Associated Press. January

14, 2022. <https://apnews.com/article/business-lifestyle-new-york-vermont-b7be905b936c34ee8a533fa60f00b904>

“Farm Talk” hosted by Maire Ullrich. WTBQ Warwick NY. April 8, 2020. Discussion of dairy

supply chain issues.

### “Why farmers are dumping milk while grocery stores are reporting shortages.” Jessica Fu. The

### Counter. <https://thecounter.org/farmers-dumping-milk-dairy-shortages-covid-19-coronavirus/> April 8, 2020

### “Farm Talk” hosted by Maire Ullrich. WTBQ Warwick NY. October 13, 2021. Discussion of

### dairy policy.

# “Supply-chain issues and a cyberattack: Why your bagel’s cream cheese might be spread a little

# thin.” Marisa Iati. *Washington Post*. December 16, 2021

<https://www.washingtonpost.com/food/2021/12/16/cream-cheese-shortage-2021/>

**STUDENT THESIS/COMMITTEE CHAIR**

# Duane Banderob, M.S. Thesis: “Price and Firm Behavior in the Michigan Fluid Milk Market: A

#  Study of the Producer’s Equalization Committee, 1980–1998.” January 2000.

# *Kenneth Naden Thesis Award* from the National Council of Farmer Cooperatives and Outstanding Master’s Thesis MSU Department of Agricultural Economics.

Vijayanand Satayal, M.S. Thesis: “Economic and Environmental Impact of Manure Management

Strategies for Representative Michigan Dairy Farms.” December 2001.

Corey C. Risch, M.S. Thesis: “Valuing Reproductive Management Changes in a Dairy Herd:

 The Effect of Lactation Curve Specification.” August 2002.

Juan Penaherrera, M.S. Thesis: “The Potential for Cooperation Among Dairy Farmers in the

Cayambe Region of Ecuador.” June 2003.

Miguel Ramirez, M.S. Thesis: “An Economic Analysis of the Mexican Dairy Sector with

Prospects for US Dairy Exports.” August 2003.

Gregg Hadley, Ph.D. Dissertation: “Factors Influencing Dairy Cattle Culling Decisions and their

Economic Implications.” December 2003.

Curtis Mahnken, M.S. Thesis: “Michigan Dairy Farm Efficiency and Profitability, 1995-2004.”

June 2007.

Joleen C. Hadrich. M.S. Thesis: “Incorporating Environmentally Compliant Excess Nutrient

Disposal Costs into Livestock Diet Formulation Decisions.” May 2007.

AAEA Graduate Student Extension Competition—Third Place 2007.

Ph.D. Dissertation: “Essays on Nutrient Management Risk in Livestock Production.” August 2009.

Nicole J. Olynk. M.S. Thesis: “Economic Decisions of Reproduction Programs on US Dairy Farms.” March 2008.

 AAEA Graduate Student Extension Competition—First Place 2007.

 Ph.D. Dissertation: “Agricultural Producer Responses to Changes in Consumer Demand for Production Process Attributes.” December 2009.

Phil Taylor. M.S. Thesis: “Methods of Change and Financial Performance of Dairy Farms

Before and After a Switch to Management Intensive Grazing.” December 2009.

Jacob McManus. M.S. Thesis: “Economics of High Density Cherry Production.” May 2012.

Carolyn Braun. M.S. Thesis: “Benchmarking Farm Financial Performance: Stability and

Management Implications.” July 2014.

Leonard Polzin. M.S. Thesis: “The Value of Accelerated Depreciation Use by Farmers:

Evidence from Michigan.” May 2016.

Daniel Ochs. M.S. Thesis: “Essays on Laying Hen Housing and Egg Demand.” May 2018.

Chengchen Ha. M.P.S. Thesis: “Dairy Revenue Protection Insurance: Effect on Risk Reduction

and Return.” May 2022.

Wei, Xue. M.S. Thesis. “The Impact of Immigration Enforcement on the US Dairy Farm Sector:

Evidence from the E-Verify Policy.” May 2024.

Wang, Chenrui. M.S. Thesis: “The optimal replacement of dairy cattle: A within-lactation

dynamic discrete choice structural model.” August 2024.

**SELECTED SERVICE CONTRIBUTIONS**

**Professional Service**

Associate Editor, *Journal of Dairy Science*, 2020-2025

Reviewer for *American Journal of Agricultural Economics, Applied Economics Perspectives and Policy/Review of Agricultural Economics, CHOICES, Journal of Agricultural and Resource Economics*, *Journal of Agricultural and Applied Economics*, *Journal of Dairy Science*, *Agricultural and Resource Economics Review,* *Canadian Journal of Agricultural Economics, Agricultural Economics,* *Agribusiness: An International Journal*, *Journal of Agribusiness*, *International Food and Agribusiness Management Review*, *ACTA Agriculturae Scandinavica, Western Economics Forum, Ecological Economics, World Development, Journal of Animal Science, Canadian Journal of Animal Science, Livestock Science, Australian Journal of Agricultural and Resource Economics, Journal of the American Veterinary Medical Association, Preventive Veterinary Medicine, Food Policy, European Review of Agricultural Economics, Science.*

ADSA Financial Committee, 2022

AAEA Trust Committee, 2020-

AAEA Outreach Committee, 2013-2015

AAEA Master’s Thesis Award Committee, 2007-2009

Reviewer of Selected Papers AAEA Annual Meeting 2002, 2003, 2010, 2011, 2012, 2014

Moderator for American Agricultural Economics Meeting Selected Papers Session 2000, 2003

Discussant for American Agricultural Economics Meeting Selected Papers 1998, 2000

Discussant US/Canada Dairy Trade Symposium, October 1999

**Selected University, College, and Department Service**

Chair, Production Economist Faculty Search Committee, 2024-25

Member, NYFarmNet Board of Directors, 2023-present

Member, Department of Animal Science, Dairy Fellows Lecturer, 2023

Member, College of Veterinary Medicine, Veterinary Economics Faculty, 2023

Chair, NY FarmNet Executive Director Search Committee, 2022

Member, Dyson Dean Search Committee, 2021

Member MSU Dairy Extension Team, 1997-2019

MSU Farm Management Extension Team, 1997-2019 Chair 2008-10

Department Advisory Committee: 2002-04, 2009, 2011-13, 2018-2019, Chair 2012-13

Chair, Agriculture and Food Policy Faculty Search Committee, 2018

Member, Farm Management Extension Educator Search Committee, 2018

Chair, Production/Farm Management Economist Faculty Search Committee, 2016

Member, Farm Management Educators Search Commitee, 2016

Member, Department Chair Search Committee, 2015

Member, E.R. Smith Chair of Ag Policy Faculty Search Committee, 2014

Chair, International Development Economics Faculty Search Committee, 2013

Leader, MSUE Agribusiness Management Work Group, 2010-12

Chair, Agricultural Marketing Economist Faculty Search Committee, 2012

Author and Procter, Michigan FFA State Farm Management Contest, 2000-2016

Chair, Livestock Marketing Economist Faculty Search Committee, 2008

Chair, Livestock Economist Faculty Search Committee, 2005

College Representative, University Committee on Faculty Affairs, 2001-03

Advisor, Michigan State University Rodeo Club, 1999-2003

Dairy Science Management Faculty Search Committee, 1999