

# David K. Lambert

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## HOME ADDRESS

1105 Mill Knoll Terrace  
Manhattan, KS 66503  
(785) 587-8750 (home)  
(701) 371-1717 (cell)  
David.K.Lambert@gmail.com

## OFFICE ADDRESS

Department of Agricultural Economics  
346 Waters Hall  
Kansas State University  
Manhattan, KS 66506-4011  
LambertD@ksu.edu

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## ACADEMIC BACKGROUND

Oregon State University, Corvallis, Department of Agricultural and Resource Economics,  
Ph.D. degree awarded 1985.  
Thesis title: *Risk Modeling Using Direct Solution of Expected Utility Maximization Problems*  
Major Professor: Dr. Bruce A. McCarl  
University of California, Davis, Ecology Graduate Group, M.S. degree awarded Spring 1977.  
University of California, Davis, Department of Zoology, B.A. degree awarded Spring 1974.  
Georg August Universität, Göttingen, Germany, UC Education Abroad Program, July 1972 – June 1973.

## PROFESSIONAL EXPERIENCE

Kansas State University, Department of Agricultural Economics, Manhattan, KS.  
Professor (Research/teaching) September 4, 2013 - present  
Professor and Department Head, June 26, 2009 – September 4, 2013.

North Dakota State University, Department of Agribusiness and Applied Economics, Fargo, ND.  
Professor (Research/teaching) July 1, 2007 – June, 2009.  
Professor and Department Chair, November 1998 – June 30, 2007.

University of Nevada, Reno, Department of Applied Economics and Statistics, Reno, Nevada.  
Associate Professor (Research/teaching) July, 1991 – October, 1998.  
Assistant Professor (Research/teaching); October, 1988 - June, 1991  
Assistant Professor (Extension/research); November, 1984 - October, 1988

Oregon State University, Department of Agricultural and Resource Economics, Corvallis, Oregon.  
Extension Assistant - Public Lands Policy; August, 1982 - November, 1984.  
Graduate Research Assistant; March, 1981 - June, 1981 and September, 1981 - July, 1982.  
Graduate Teaching Assistant; January, 1981 - March, 1981.

Bureau of Land Management, Oregon State Office, Portland, Oregon.  
Regional Economist, GS-11; June 15, 1981 - September 30, 1981.

Bureau of Land Management, Susanville District Office, Susanville, California.  
Biological Technician (Wildlife), GS-4; April 15, 1979 - October 12, 1979.  
Economist/Sociologist, GS-9; June 12, 1978 - December 17, 1978.  
Economist/Sociologist, GS-9; September 12, 1977 - January 28, 1978.

Friends Committee on Legislation, 1107 9<sup>th</sup> Street, Room 1015, Sacramento, California,  
Legislative Clerk, October 15, 1976 - September 9, 1977.

University of California, Division of Environmental Studies, Davis, California,  
Research Assistant; October, 1975 - September, 1977 (intermittent).

Georg August Universität, Institut für Forstzoologie, Göttingen, Germany,  
Research Assistant: October 2, 1974 - February 2, 1975.

## **AWARDS AND PROFESSIONAL RECOGNITION**

President, *National Association of Agricultural Economics Administrators*. 2013-2014.

Editor, *Journal of Agricultural and Resource Economics*. April 2006 – December 2009 and April 2015 – March 2018.

Board Member, *Council on Food, Agricultural, and Resource Economics*. 2004-2006 and 2010-2015.

AAEA Selection Committee for Quality of Research Discovery Award. 2011-2013 (Chair, 2012 and 2013)

*Honorable Mention, Outstanding Journal Article*. David K. Lambert and J.S. Shonkwiler. "Property Rights, Grazing Permits, and Rancher Welfare." *Journal of Agricultural and Resource Economics*. 20 (July 1995):146-164.

Editorial Council, *Journal of Agricultural and Resource Economics*. 1998-2000.

Vice-President, *Western Agricultural Economics Association*, 1996-1997.

## **TEACHING**

Courses taught at Kansas State University include:

- AGECE 501. Data Analysis and Optimization. Upper division course in the application of computer technology to framing and solving decision problems in agriculture and agribusiness.
- AGECE 823. Production Economics II. M.S. course in the theory and application of production relationships and firm decision making under certainty and uncertainty.
- AGECE 901. Research Methods in Economics. Ph.D. course. 'A study of scientific methodology in economic research including the history of various debates regarding methodology in economics.'

Courses taught at NDSU include:

- AGECE 339. Quantitative Methods and Decision Making. Application of basic probability concepts to decision analysis, introduction to linear programming, and decision tree analysis.
- AGECE 701. Graduate Course. Research Philosophy. Introduction to research philosophy and methods for beginning graduate students, with topics covering problem formulation, literature review, hypothesis development, data collection, analytical approaches, and interpretation of results.
- AGECE 739. Graduate Course. Analytical Methods for Applied Economics (Team-taught). Study and application of operations research techniques and other decision methods to problems in agriculture and agribusiness, transportation and trade, and resource management.
- ECON 341. Intermediate Microeconomics. Topics include consumer and firm theory, risk and uncertainty, game theory, market structure, the economics of information, and externalities and public goods.

Courses taught at the University of Nevada, Reno included:

- AGECE 411/611. Economic Modeling and Decision Analysis
- AGECE 710. Graduate Course. Advanced Agricultural Production Economics
- AGECE 750. Graduate Course. Quantitative Methods in Agricultural and Resource Economics

- BADM (Business Administration) 730. Graduate (M.B.A.) Course. Economics of the Firm

## RESEARCH

### PEER-REVIEWED JOURNAL ARTICLES

1. Lambert, David K. "Historical Impacts of Precipitation and Temperature on Farm Production in Kansas." *Journal of Agricultural and Applied Economics* 46, 4 (November 2014):439-56.
2. Lambert, David K. and Dragan Miljkovic. "The Sources of Variability in U.S. Food Prices." *Journal of Policy Modeling* 32,2 (2010):210-222.
3. Lambert, David K. and Jian Gong. "Dynamic Adjustment of U.S. Agriculture to Energy Price Changes." *Journal of Agricultural and Applied Economics* 42,2 (May 2010):289-301.
4. Lambert, David K. and Jason Middleton. "Logistical Design of a Regional Herbaceous Crop Residue-Based Ethanol Production Complex," *Biomass and Bioenergy* 34(2010): 91-100.
5. Lambert, David K. "The Expected Utility of Genetic Information in Beef Cattle Production." *Agricultural Systems* 99(2009):44-52.
6. Lambert, David K. and Shahera D. McCoy. "Trade Creation and Diversion Effects of Preferential Trade Associations on Agricultural and Food Trade." *Journal of Agricultural Economics* 60(February 2009):17-39.
7. DeVuyst, Eric A., David K. Lambert, and Marc Bauer. "Genotyping: What Applied Economists Should Know." *Western Economics Forum* 6(Fall 2007):35-45.
8. Wachenheim, Cheryl J., David K. Lambert, and Tamara VanWechel. "Willingness to Pay for Genetically Modified Foods under Different Information Scenarios." *Journal of Food Product Marketing* 13(2007):57-77.
9. Wachenheim, Cheryl J., Patrick Novak, Eric A. DeVuyst, and David K. Lambert. "Demand Estimation for Agricultural Processing Coproducts. *Great Plains Research* 16(Spring 2006):85-94.
10. Lambert, David K., and Volodymyr V. Bayda. "The Impacts of Farm Financial Structure on Production Efficiency." *Journal of Agricultural and Applied Economics* 37:1(April 2005):277-289.
11. Lambert, David K., and William W. Wilson. "Variety Values with Imperfect Quality Measurement." *American Journal of Agricultural Economics* 85(February 2003):97-109.
12. Lambert, David K., and W. Douglass Shaw. "Agricultural and Recreational Impacts from Surface Flow Changes Due to Gold Mining Operations." *Journal of Agricultural and Resource Economics*, Vol. 25, no. 2 (December 2000): 533-546.
13. Lambert, David K. "Scale and the Malmquist Productivity Index." *Applied Economics Letters* 6(September 1999):593-596.
14. Lambert, David K., and Elliott Parker. "Productivity in Chinese Provincial Agriculture." *Journal of Agricultural Economics* 49(September 1998):378-392.
15. Lambert, David K. "Productivity Measurement from a Reference Technology: A Distance Function Approach." *Journal of Productivity Analysis* 10(November 1998):289-304.

16. Englin, Jeffrey, David K. Lambert, and W. Douglass Shaw. "A Structural Equations Approach to Modeling Consumptive Recreation Demand." *Journal of Environmental Economics and Management* 33(May 1997):33-43.
17. Lambert, David K. "On Nonparametric Supply Response Analysis: Comment." *American Journal of Agricultural Economics*. 78(November 1996):1118:1121.
18. Lambert, David K., Bruce A. McCarl, Qifen He, Michael S. Kaylen, Wesley Rosenthal, and Ching-Cheng Chang. "Uncertain Yields in Sectoral Welfare Analysis: An Application to Global Warming." *Journal of Agricultural and Applied Economics*. 27(December 1995):423-436.
19. Englin, Jeffrey and David K. Lambert. "Measuring Angling Quality in Count Data Models of Recreational Fishing: A Non-Nested Test of Three Approaches." *Environmental and Resource Economics*. 6(1995):389-99..
20. Lambert, David K., and J.S. Shonkwiler. "Factor Bias under Stochastic Technical Change." *American Journal of Agricultural Economics*. 77( August 1995):578-590.
21. Lambert, David K., and J.S. Shonkwiler. "Property Rights, Grazing Permits, and Rancher Welfare." *Journal of Agricultural and Resource Economics*. 20 (July 1995):146-164.
22. Lambert, David K. "Grazing on Public Rangelands: An Evolving Problem of Property Rights." *Contemporary Economic Policy*. 13 (April 1995):119-128.
23. Lambert, David K. "Technological Change in Meat- and Poultry-Packing and Processing." *Journal of Agricultural and Applied Economics*. 26 (December 1994): 591-604.
24. Raffiee, Kambiz, R. Narayanan, T.R. Harris, David K. Lambert, and J.M. Collins. "Cost Analysis of Water Utilities: A Goodness of Fit Approach." *Atlantic Economic Journal*. 21 (1993):18-29.
25. Lambert, David K., Dimo Dichev and Kambiz Raffiee. "Ownership and Sources of Inefficiency in the Provision of Water Services." *Water Resources Research*. 29 (1993):1573-8.
26. Lambert, David K. and T. R. Harris. "The Use of Conditional Probability Functions in Range Data Analysis and Simulation." *Journal of Range Management* 46 (1993):157-160.
27. Lambert, David K. "Risk Considerations in the Reduction of Nitrogen Fertilizer Use in Agricultural Production." *Western Journal of Agricultural Economics* 15 (December 1990):234-44.
28. Lambert, David K. and T. R. Harris. "Stochastic Dynamic Optimization and Rangeland Investment Decisions." *Western Journal of Agricultural Economics* 15 (December 1990):186-95.
29. Lambert, David K. "Calf Retention and Production Decisions over Time." *Western Journal of Agricultural Economics* 14 (July 1989):9-19.
30. Lambert, David K. and T. K. Wood. "Partial Survey of Expert Support Systems for Agriculture and Natural Resource Management." *AI Applications in Natural Resource Management*. 3(1989):41-52.
31. Lambert, David K. and B. A. McCarl. "Sequential Modeling of White Wheat Marketing Strategies." *North Central Journal of Agricultural Economics* 11(1989):105-15.
32. Lambert, David K. and L. Linebaugh. "Incidence and Implications of Financial Stress in Nevada's Agricultural Sector." *Nevada Review of Business and Economics* 12(1988):8-13.

33. Myer, G. and David K. Lambert. "Course and Instructor Schedules from Mathematical Models." *NACTA Journal* 32(1988):44-5.
34. Lambert, David K. and G. Myer. "Incremental Impacts of the Tax Reform Act of 1986 on Western Beef Cattle Ranch Values." *Agribusiness: An International Journal* 4(1988):425-32.
35. Lambert, David K. "Ranch Values and the Federal Grazing Fee." *Journal of Range Management*. 40(1987): 399-403.
36. Lambert, David K. and B. A. McCarl. "Risk Modeling Using Direct Solution of the Expected Utility Function." *American Journal of Agricultural Economics* 67(1985): 846-852.

## PROCEEDINGS, POSTERS AND ABSTRACTS

1. Lambert, David K. "U.S. Net Farm Income, 1913-2012." Presented at 2012 Annual Meeting of the Agricultural and Applied Economics Association, Seattle, WA. August 2012. Available at: [http://www.agmanager.info/events/risk\\_profit/2011/Papers.asp](http://www.agmanager.info/events/risk_profit/2011/Papers.asp)
2. Lambert, David K. and Jason Middleton. "The Logistics of Herbaceous Crop Residue-Based Ethanol Production Under Uncertainty.(Abstract)." *Journal of Agricultural and Resource Economics* 34(December 2009):546-547.
3. Lambert, David K. "JARE Editors' Report: December 2009." *Journal of Agricultural and Resource Economics* 34(December 2009):556-559.
4. Lambert, David K., and Shahera McKoy. "Trade Creation and Diversion Effects of Preferential Trade Associations on Agricultural and Food Trade (Abstract)." *Journal of Agricultural and Resource Economics* 33(December 2008):491.
5. Lambert, David K., and Eric DeVuyst. "The Expected Value of Genetic Information in Livestock Feeding (Abstract)." *Journal of Agricultural and Resource Economics* 31(December 2006):687.
6. Lambert, David .K. "Short and Long Run Responsiveness of U.S. Agriculture to Energy Price Changes (Abstract)." *Journal of Agricultural and Resource Economics* 31(December 2006):684.
7. Novak, Patrick, Eric A. DeVuyst, David K. Lambert, and Cheryl Wachenheim. "Demand Estimation for Agricultural Processing Co-Products (Abstract)." *Journal of Agricultural and Resource Economics* 26(December 2002):572.
8. Lambert, David K., and William W. Wilson. "End-User Gains from Input Characteristics Improvement (Abstract)." *Journal of Agricultural and Resource Economics* 25(December 2000):716.
9. Novak, Patrick, Eric DeVuyst, David K. Lambert, Demcey Johnson, Cheryl Wachenheim, Marc Bauer and Greg Lardy. "Beef Cow Demand for Agricultural Processing Co-Products." *North Dakota Cow/Calf Conference and Beef Cattle and Range Research Report*. North Dakota State University, Fargo, ND (December 2000):50-51
10. Shultz, Steve, and David K. Lambert. "Implicit Prices of CRP Enrollments, Wetlands, and Soil Quality in North Dakota." *Proceedings of 1999 W-133 Annual Meetings*. Tucson, Az.

11. Lambert, David K., and W. Douglass Shaw. "Agricultural Sustainability versus Alternative Use Values within a Watershed." Proceedings of the World Congress of Environmental and Resource Economists, Fondazione Eni Enrico Mattei, Venice, Italy, June 25-27, 1998.
12. Lambert, David K., and Amin Ussif. "A Distance Function Approach to Multifactor Productivity Measurement in U.S. Agriculture (Abstract)." *Journal of Agricultural and Resource Economics* 22(December 1997):396.
13. Lambert, David K. "The Internet: Changing the Way We Will Do Business (Symposium Abstract)". *American Journal of Agricultural Economics*. 78 (December 1996):1374-5.
14. Englin, Jeffrey, David K. Lambert, and W. Douglass Shaw. "A Structural Equations Approach to Modelling Consumptive Demand (Abstract)." *American Journal of Agricultural Economics*. 78(December 1996):1405.
15. Lambert, David K., and J.S. Shonkwiler. "The Demand for Publicly-Owned Inputs: Grazing Fees and Incomplete Property Rights (Abstract)." *American Journal of Agricultural Economics*. 77(December 1995):1383.
16. Lambert, David K., and J.S. Shonkwiler. "Factor Bias under Stochastic Technical Change (Abstract)." *American Journal of Agricultural Economics*. 76(December 1994):1245.
17. Shonkwiler, J.S., and David K. Lambert. "The Hog Cycle Redux (Abstract)." *American Journal of Agricultural Economics*. 75(December 1993):1298.
18. Lambert, David K. "Technological Change in Meat- and Poultry-Packing and Processing (Abstract)." *Journal of Agricultural and Resource Economics*. 18(1993):305.
19. Englin, Jeffrey, and David K. Lambert. "Measuring Angling Quality in Count Data Models of Recreational Fishing: A Non-Nested Test of Three Approaches (Abstract)." *Journal of Agricultural and Resource Economics*. 18(1993):.
20. McCarl, Bruce A., Q. He, David K. Lambert, M. S. Kaylen and C.C Chang. "The Stochastic Agricultural Sector Model: Applications to Global Climate Change and Farm Program Revision." *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk*. Proceedings of a seminar sponsored by Southern Regional Project S-232. University of Maine. Department of Resource Economics and Policy, June, 1993.
21. Lambert, David K., and Arunava Bhattacharyya. "Input Demands under Expected Utility Maximization: A Dual Approach (Abstract)." *American Journal of Agricultural Economics*. 74(1992):1306.
22. Lambert, David K. "The Role of Habit Formation in the Demand for Meat (Abstract)." *Western Journal of Agricultural Economics*. 16(1991):454.
23. Bhattacharyya, Arunava and David K. Lambert. "Supply Response and Input Demands in the U.S. Beef Sector (Abstract)." *Western Journal of Agricultural Economics*. 16(1991):459
24. Lambert, David K. and T. R. Harris. "Multi-Period Rangeland Investment Analysis with Safety-First Constraints and Uncertain Data (Abstract)." *American Journal of Agricultural Economics*. 72(1990):1342.
25. Harris, T. R. and David K. Lambert. "An Application of the Tolerance Approach of Sensitivity Analysis to MOTAD Solutions (Abstract)." *Southern Journal of Agricultural Economics*. 22(July, 1990):210.

26. Lambert, David K., M. S. Kaylen and B. A. McCarl. "A Discrete Stochastic Programming Formulation of the Sectoral Model under Uncertain Yields." *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk*. Proceedings of a seminar sponsored by Southern Regional Project S-232. University of Florida. Department of Food and Resource Economics, April 1990.
27. Lambert, David K. and T. K. Wood. "Optimal Beef Cattle Rations under Cost Minimization, Profit Maximization, and Expected Utility Maximization (Abstract)." *Western Journal of Agricultural Economics*. 13(1988):381.
28. Lambert, David K. "Sequential Production and Marketing Decisions over Time." *Risk Analysis for Agricultural Production Firms: Concepts, Informational Requirements and Policy Issues*. Proceedings of a seminar sponsored by Southern Regional Project S-180. North Carolina State University. Department of Economics and Business, July 1988.
29. Lambert, David K. "The Economics of Federal Rangeland Management Policies: Private and Public Perspectives," in *Proceeding of The 1984 Pacific Northwest Range Short Course*. Oregon State University. Department of Rangeland Resources, 1984.

## **EXPERIMENT STATION, EXTENSION, AND OTHER PUBLICATIONS**

1. David K. Lambert. "The Logistics of Herbaceous Crop Residue-Based Ethanol Production under Uncertainty." Submitted to NC SunGrant Regional Center June 2011 in fulfillment of responsibilities under the 2008 Biomass Feedstock Logistics Program.
2. Lambert, David K., Elizabeth Yeager, and Michael Langemeier. "Agricultural Productivity at the National, State, and Farm Level." Department Report. August, 2010. Available at: [http://www.agmanager.info/events/risk\\_profit/2011/Papers.asp](http://www.agmanager.info/events/risk_profit/2011/Papers.asp)
3. Lambert, David K., Siew Hoon Lim, Kathleen Tweeten, F. Larry Leistritz, William W. Wilson, Gregory J. McKee, William E. Nganje, Cheryl S. DeVuyst, and David M. Saxowsky. *Agricultural Value Added: Prospects for North Dakota*. Department of Agribusiness and Applied Economics Report No. AAE 06008. December 2006.
4. Lambert, David K., Eric A. DeVuyst, and Charles B. Moss. *The Expected Value of Genetic Information in Livestock Feeding*. Department of Agribusiness and Applied Economics Report No. 576. January 2006.
5. Lambert, David K. *A Comparison of Departmental Teaching Efficiency in the College of Agriculture, Food Systems, and Natural Resources: AY2000-AY2004*. Department of Agribusiness and Applied Economics Miscellaneous Report No. 195. November 2004.
6. Leistritz, F. Larry, David K. Lambert, and Randall C. Coon. *The Role of Agriculture in the North Dakota Economy*. Department of Agribusiness and Applied Economics, AAE Statistical Series Report No. 57. October 2002.
7. Lambert, David K. and William W. Wilson. *Comparing End-Use Values for North Dakota Hard Red Spring Wheat Varieties*. Department of Agribusiness and Applied Economics, AAE Staff Report No. 01005. October 2001.
8. Wachenheim, Cheryl J., Patrick J. Novak, Eric A. DeVuyst, and David K. Lambert. *Demand Estimation for Agricultural Processing Co-products*. Agribusiness and Applied Economics Report No. 453. North Dakota State University, Fargo, ND. March 2001.

9. Novak, P., E. DeVuyst, D. Lambert, D. Johnson, C. Wachenheim, M. Bauer, and G. Lardy. 2000. *Beef Cow Demand for Agricultural Processing Co-products*. North Dakota Cow/Calf Conference and Beef Cattle and Range Research Report, December 5, Bismarck, North Dakota, pp. 50-51.
10. Lambert, David K., and W. Douglass Shaw "Alternative Use Values Within a Watershed under Transitory Supply Shocks." Discussion paper APES98-01, Dept. Applied Economics and Statistics, University of Nevada at Reno (AgEcon Search reference: [http://agecon.lib.umn.edu/cgi-bin/pdf\\_view.pl?paperid=929&ftype=.pdf](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=929&ftype=.pdf)).
11. Lambert, David K. "A Programming Approach To Estimate Production Functions Using Bounds on the True Production Set." Discussion paper APES97-01, Dept. Applied Economics and Statistics, University of Nevada at Reno. [http://agecon.lib.umn.edu/cgi-bin/pdf\\_view.pl?paperid=462&ftype=.pdf](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=462&ftype=.pdf)
12. McCarl, Bruce A., David K. Lambert, M.S. Kaylen, and C.C. Chang. *Uncertain Yields and Adaptive Behavior in Sector Models*. Texas Agricultural Experiment Station, WP 93-5. College Station, TX. May, 1993.
13. Wood, T. K., David K. Lambert and D. Torell. *Goals and Risk Attitudes of Mojave Desert Beef Cattle Producers*. University of Nevada Cooperative Extension. Fact Sheet 89-42, Reno, Nevada, 1988.
14. Lambert, David K. *Business Management in Agriculture: Evaluation of 1986 Modules*. Business Management in Agriculture Project. Publication coordinated by Department of Agricultural and Resource Economics, Oregon State University, Corvallis, Oregon, November, 1988.
15. Lambert, David K. and D. Torell. *Determining Optimal Rates of Gain for Beef Cattle*. University of Nevada Cooperative Extension. Fact Sheet 88-72, Reno, Nevada, 1988.
16. Wood, T. K. and David K. Lambert. *Alfalfa Hay Marketing Analysis*. University of Nevada Cooperative Extension. Fact Sheet 88-28, Reno, Nevada, 1988.
17. Krysl, L. J., David K. Lambert, et al. *Nevada Pocketbook for Beef Producers*. University of Nevada Cooperative Extension. SP-87-6, Reno, Nevada, 1987.
18. Koh, Y. O., D. Fleming and David K. Lambert. *MINSYS Users' Documentation*. University of Nevada System Computing Center. Document 119, Reno, Nevada, 1987.
19. Lambert, David K. *Using Price and Yield Risk in Agricultural Planning: The Triangular Distribution*. University of Nevada Cooperative Extension. Fact Sheet 86-45, Reno, Nevada, 1986.
20. Lambert, David K. *Now What? Use of Financial Statements in Farm and Ranch Management*. University of Nevada Cooperative Extension. BE-86-2, Reno, Nevada, 1986.
21. Lambert, David K. and D. Torell. *Costs and Returns for Mojave Desert Cow-Calf Operations in Southern Nevada*. University of Nevada Cooperative Extension. Fact Sheet 86-4, Reno, Nevada, 1986.
22. Obermiller, F. W. and David K. Lambert. *Costs Incurred by Permittees in Grazing Livestock on Public Lands in Various Western States*. Oregon State University Cooperative Extension. EM 8283, Corvallis, Oregon, November 1984.
23. Lambert, David K. and F. W. Obermiller. *Costs Incurred by Permittees in Grazing Cattle on Public and Private Rangeland in Eastern Oregon*. Oregon State University Cooperative Extension. Special Report 692, Corvallis, Oregon, November 1983.

24. Rimbey, N.R, W.O. Champney, T.E. Bedell, and David K. Lambert. *Records and Their Importance for Public Rangeland Livestock Operators*. Oregon State University Cooperative Extension. EM 8252, Corvallis, Oregon, September, 1983.
25. Lambert, David K. *Costs and Benefits of BLM Range Improvements: Private and Public Perspectives*. Oregon State University Cooperative Extension. EM 8244, Corvallis, Oregon, June, 1983.
26. Obermiller, F. W., K. Boyle, and David K. Lambert. *Morrow County, Oregon, Input-Output Model, Final Report*. Oregon State University, Department of Agricultural and Resource Economics, Corvallis, Oregon, March, 1981.
27. Obermiller, F. W., L. Eppley, and David K. Lambert. *Baker County, Oregon, Input-Output Model, Final Report*. Oregon State University, Department of Agricultural and Resource Economics, Corvallis, Oregon, January, 1981.

## PROFESSIONAL PAPER PRESENTATIONS

- Lambert, David K. "Historical Impacts of Precipitation and Temperature on Farm Production in Kansas." 2014 Risk & Profit Conference, Manhattan, KS. August 21-22.
- Lambert, David K. and Karen Garrett. A Simple Model of Crop Variety Selection and Disease Control under Increasing Disease Spread. NC1034 Regional Research Project, Davis, CA March 2014.
- Lambert, David K. "U.S. Net Farm Income, 1913-2012." Poster presentation at *Agricultural and Applied Economics Association* annual meeting, Seattle, WA. August 2012.
- Lambert, David K., Elizabeth Yeager, and Michael Langemeier. "Agricultural Productivity at the National, State, and Farm Level." Presented at 2011 Risk & Profit Conference, Manhattan, KS. August 20, 2010. Available at: [http://www.agmanager.info/events/risk\\_profit/2011/Papers.asp](http://www.agmanager.info/events/risk_profit/2011/Papers.asp)
- Lambert, David K. "The Logistics of Herbaceous Crop Residue-Based Ethanol Production under Uncertainty." Project update. 2011 North Central Sun Grant Regional research conference. Orlando, FL. January, 2011.
- Canales, Elizabeth, David K. Lambert, and Jason Bergtold. "Ecosystem Costs in a Logistical Model of Cellulosic Ethanol Production." INFORMS Annual Meeting, Austin, TX. November 10, 2010.
- Lambert, David K. "Ethanol Markets and the Development of a Cellulosic Ethanol Industry." Presentation at 2010 Risk & Profit Conference. Manhattan, KS. August 20, 2010.
- Lambert, David K. "The Logistics of Herbaceous Crop Residue-Based Ethanol Production under Uncertainty." Project update. 2010 North Central Sun Grant Regional research conference. Reno, NV. January, 2010.
- Lambert, David K. and Jason Middleton. "The Logistics of Herbaceous Crop Residue-Based Ethanol Production Under Uncertainty." Selected Paper for presentation at the Western Agricultural Economics Association 2009 Annual Meeting, Lihue, HI, June 24-26.
- Lambert, D.K. "Trade Creation and Diversion Effects of Preferential Trade Associations on Agricultural and Food Trade." Selected Paper for presentation at the Western Agricultural Economics Association 2008 Annual Meeting, Big Sky, MT, June 27-29.
- Lambert, David K. "The Expected Utility of Genetic Information Using Conditional Probability Distributions." SCC-076 Regional Meeting. Gulf Shores, AL. March 2008.

- Lambert, D.K. "Short Run Responsiveness of U.S. Agriculture to Energy Price Changes." Selected Paper for presentation at the Western Agricultural Economics Association 2006 Annual Meeting, Anchorage, AK, June 29-30.
- Lambert, D.K. and E.A. DeVuyst. "The Expected Value of Genetic Information in Livestock Feeding." Selected Paper for presentation at the Western Agricultural Economics Association 2006 Annual Meeting, Anchorage, AK, June 29-30.
- Lambert, D.K. and E.A. DeVuyst (presenter). "Are "Non-Distorting" Subsidies Distorting?" Selected Paper for presentation at the Western Agricultural Economics Association 2004 Annual Meeting, Honolulu, Hawaii, July 1-2.
- DeVuyst, E.A. (presenter), M.L. Bauer, P. T. Berg, J. Bullinger, D. Larson, and D.K. Lambert. "Economic Value of Leptin Genotyping of Finishing Cattle," Selected Paper for presentation at the Western Agricultural Economics Association 2004 Annual Meeting, Honolulu, Hawaii, July 1-2.
- David K. Lambert, Eric Schuck, Hyun Jin, and Won Koo. "The Effects of US/Canada Trade on Production Costs and Productivity." Selected paper presented at the 2003 Annual Meeting of the American Agricultural Economics Association, Montreal, Canada, July.  
[http://agecon.lib.umn.edu/cgi-bin/pdf\\_view.pl?paperid=8735&ftype=.pdf](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=8735&ftype=.pdf)
- Patrick Novak, Eric A. DeVuyst, David Lambert, and Cheryl Wachenheim (presenter); "Demand Estimation for Agricultural Processing Co-Products." Selected paper presented at the 2001 Annual Meeting of the Western Agricultural Economics Association, Logan, Utah, July.  
[http://agecon.lib.umn.edu/cgi-bin/pdf\\_view.pl?paperid=3785&ftype=.pdf](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=3785&ftype=.pdf)
- Lambert, David K., and William W. Wilson. "End-User Gains from Input Characteristics Improvement." Selected paper presented at the 2000 Annual Meeting of the Western Agricultural Economics Association, Vancouver, British Columbia, July. [http://agecon.lib.umn.edu/cgi-bin/pdf\\_view.pl?paperid=2239&ftype=.pdf](http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=2239&ftype=.pdf)
- Lambert, David K., and W. Douglass Shaw. "Alternative Use Values within a Watershed under Transitory Supply Shocks." Selected paper presented at the World Congress of Environmental and Resource Economists, Fondazione Eni Enrico Mattei, Venice, Italy, June 25-27, 1998.
- Lambert, David K., and Amin Usif. "A Distance Function Approach to Multifactor Productivity Measurement in US Agriculture." Selected Paper presented at the 1997 Annual Meeting of the Western Agricultural Economics Association, Reno, Nevada, July 13-16.
- Lambert, David K. "Productivity Measurement from a Reference Technology: A Distance Function Approach." Seminar presented at the University of California, Davis, December 6, 1996.
- Lambert, David K. "The Internet: Changing the Way We will Do Business." Organized Symposium presentation, 1996 Annual Meeting of the American Agricultural Economics Association, San Antonio, Texas, July 29.
- Lambert, David K., and J.S. Shonkwiler. "The Demand for Publicly-Owned Inputs: Grazing Fees and Incomplete Property Rights." Selected Paper presented at the 1995 Annual Meeting of the American Agricultural Economics Association, Indianapolis, Indiana, August 6-9.
- Lambert, David K., and J.S. Shonkwiler. "Factor Bias under Stochastic Technical Change." Selected Paper presented at the 1994 Annual Meeting of the American Agricultural Economics Association, San Diego, California, August 7-10.

- Lambert, David K. "Grazing on Public Rangelands: An Evolving Problem of Property Rights", Invited Symposium Paper, Western Economics Association Annual Meeting, Vancouver, Canada. July, 1994.
- Lambert, David K. "Technological Change in Meat- and Poultry-Packing and Processing." Selected Paper presented at the 1993 Annual Meeting of the Western Agricultural Economics Association, Edmonton, Alberta, July 11-14.
- Englin, Jeffrey (presenter), and David K. Lambert. "Measuring Angling Quality in Count Data Models of Recreational Fishing: A Non-Nested Test of Three Approaches." Selected Paper presented at the 1993 Annual Meeting of the Western Agricultural Economics Association, Edmonton, Alberta, July 11-14.
- Lambert, David K. "Input Demands under Expected Utility Maximization: A Dual Approach." Selected Paper presented at the 1992 Annual Meeting of the American Agricultural Economics Association, Baltimore, Maryland, August 9-12.
- Lambert, David K. "The Role of Habit Formation in the Demand for Meat." Selected Paper presented at the 1991 Annual Meeting of the Western Agricultural Economics Association, Portland, Oregon, July 7-10.
- Bhattacharyya, Arunava (presenter) and David K. Lambert. "Supply Response and Input Demands in the U.S. Beef Sector." Selected Paper presented at the 1991 Annual Meeting of the Western Agricultural Economics Association, Portland, Oregon, July 7-10.
- Lambert, David K. and T. R. Harris. "Multi-Period Rangeland Investment Analysis with Safety-First Constraints and Uncertain Data." Selected paper presented at the American Agricultural Economics Association annual meeting. Vancouver, B.C., August, 1990.
- Lambert, David K. "The Changing Face of Program Delivery: New Audiences, New Techniques, New Challenges." Invited Paper presented in an Organized Symposium, "The Changing Role of Extension Economists in the 1990s." American Agricultural Economics Association annual meeting. Vancouver, B.C., August, 1990.
- Harris, T. R. (presenter) and David K. Lambert. "Post-Optimal Tolerance Analysis for Risk Modeling in Agriculture." Paper presented at the TIMS/ORMS annual meeting. Las Vegas, Nevada, May, 1990.
- Harris, T. R. (presenter) and David K. Lambert. "An Application of the Tolerance Approach of Sensitivity Analysis to MOTAD Solutions." Selected paper presented at the Southern Agricultural Economics Association annual meeting. Little Rock, Arkansas, February, 1990.
- Lambert, David K. and M. S. Kaylen. "An Alternative Formulation of the Sectoral Model under Risk." Paper presented at 1990 annual meeting of S-232. Sanibel Island, Florida, January, 1990.
- Lambert, David K. "A Survey of Expert Systems in Agriculture." Invited paper presented at the 1988 annual meeting of WRCC-62. Reno, Nevada, October, 1988.
- Lambert, David K. and T. K. Wood. "Optimal Beef Cattle Feed Rations under Cost Minimization, Profit Maximization, and Expected Utility Maximization." Selected paper presented at the Western Agricultural Economics Association annual meeting. Honolulu, Hawaii, July, 1988.
- Lambert, David K. "Sequential Production and Marketing Decisions over Time." Invited paper presented at 1988 annual meeting of S-180. Savannah, Georgia, March, 1988.

Lambert, David K. "Fuzzy Decision Making in a Rangeland Setting." Invited paper presented at the 1987 annual meeting of WRCC-55. Reno, Nevada, October, 1987.

Lambert, David K. (presenter), K. A. Spielman, T. R. Harris, and R. L. Shane. "Correlation and Trend Considerations in Stochastic Dominance Models: An Application to a Rangeland Improvement Project." Paper presented at the Fifth Pacific Coast Resource Modeling Conference, Newport, Oregon, June, 1986.

Lambert, David K. "The Economics of Range Watershed Management: Private and Public Perspectives." 1984 Pacific Northwest Range Short Course, Pendleton, Oregon, January, 1984.

## **OUTREACH PRESENTATIONS**

Developing Smarter Metrics: Quantifying Outcomes and Impacts from Interdisciplinary Efforts. Co-Organizer and Discussant (NAAEA Track Session). AAEA Summer Meetings. July 2014. Minneapolis, MN

"Funding Changes in the College of Agriculture and the Department of Agricultural Economics at K-State." Financial Challenges Facing Departments of Agricultural Economics and Land Grant Universities – Organizer and presenter. Presenter, AAEA Annual Meeting, Washington, D.C. August 2013.

"Jon Brandt's contributions to the profession and agricultural policy." Jon Brandt Policy Forum and Guidelines for Evaluation of Public Policy Proposals. Panel presenter, AAEA Annual Meeting, Washington, D.C. August 2013.

Measuring and Valuing the Collaboration of Agricultural and Applied Economists in Research, Teaching, and Extension. Co-Organizer and Moderator (NAAEA Track Session). AAEA Annual Meeting, Washington, D.C. August 2013.

Overview of the proposed Center for Risk Management Education and Research.

- Dinner presentation to K-State administration and potential donors. June 2012.
- College of Agriculture Advisory Board, Manhattan, KS. Spring 2012.

Overview of the Agricultural Economics and Agribusiness Program at Kansas State University.

- PowerPoint presentation to delegation from Kazakhstan (March 2011)
- College of Agriculture Advisory Board, Manhattan, KS. October 16, 2009.
- Bunge Leadership Team, Manhattan, KS. October 21, 2009.

"Global Food Markets: A Supply Side Perspective." Invited Presentation. North Central Weed Society Meetings (Industry Banquet), Kansas City, MO. December 10, 2009.

Overview of the Agribusiness Program, Fargo-Moorhead Chamber of Commerce Agribusiness Committee, Fargo, ND. December 6, 2000.

"MAST: Executive Education for the Agricultural Professional." Opening presentation, MAST On-campus Training, Manhattan, KS. November 16, 2009.

"North Dakota: Land and Sky." PowerPoint presentation prepared for the North Dakota Trade Mission (Food Quality Soybean Concentration) to Singapore, Kuala Lumpur, and Bangkok. March 13-17, 2006.

"Where have all the (Mid-sized) farms gone?" Invited presentation to the Independent Community Bankers of North Dakota Annual Convention, Bismarck, ND. August 17, 2004.

“Agricultural Biotechnology and Markets.” Presentation at a meeting sponsored by the Fargo-Moorhead Chamber of Commerce. May 1, 2002.

“Transgenic Crops and Markets for North Dakota Products.” Presentation at a meeting sponsored by the Dakota Resources Council, Dickinson, ND. December 11, 2001.

Presentation to annual meeting of the AgCountry Farm Credit Services on agricultural biotechnology, Fair Hills, MN. May 8, 2001

“Valuation of End Use Traits.” Presentation at *The Economics of Agricultural Biotechnology*, a conference sponsored by NDSU Department of Agribusiness and Applied Economics, Fargo, ND. April 5, 2001.

“Agricultural Biotechnology and Markets.” Presentation at a conference sponsored by NDSU Extension Service, Fargo, ND. April 4, 2001.

“Research and Development in Agricultural, Resource, and Environmental Systems.” Invited presentation, Research and Development Showcase. Sponsored by North Dakota Department of Economic Development and Finance, NDSU, and UND. Bismarck, ND. March 6-7, 2001.

Overview of the Agribusiness Program, Fargo-Moorhead Chamber of Commerce Agribusiness Committee, Fargo, ND. December 6, 2000.

“Research and Agricultural Productivity” – Shared podium with Sen. Byron Dorgan to support continuing funding for agricultural research and development, Fargo, ND. August 3, 2000.

Presentation to *North Dakota Interim Legislative Committee – Agriculture* regarding Biotechnology Project, Fargo, ND. April 18, 2000.

“An Understanding of Factors Influencing the Agricultural Economy.” *North Dakota Interim Legislative Committee – Agriculture*. Minot, ND. October 27, 1999.

“The economics of genetically modified organisms.” *North Dakota Interim Legislative Committee – Agriculture*. Bismarck, ND. Summer, 1999.

## **GRANTS AND CONTRACTS AWARDED**

David K. Lambert, F. Larry Leistritz. “The Logistics of Herbaceous Crop Residue-Based Ethanol Production under Uncertainty.” North Central Region Sun Grant, \$145,090. Awarded February 2009.

DeVuyst, Eric, Marc Bauer, David K. Lambert, and Larry Leistritz. “Economics of Bovine Leptin Genotyping.” USDA – National Research Initiative. 10/1/2003 – 9/30/2005. \$171,000.

Iowa State University, North Dakota State University, South Dakota State University, University of Nebraska, Fort Berthold Community College, Sitting Bull College, Sinte Gleska University, and Nebraska Indian Community College. “A Land Grant Network to Enhance Tribal College Community Natural Resources Economics Programs”. U.S.D.A. Initiative for Future Agriculture and Food Systems. \$3,876,000 (I serve as the NDSU project PI – NDSU share is \$236,688). 10/1/2002-9/30/2006.

Wilson, William W. (70%), Won Koo (15%), and David K. Lambert (15%). “Market Opportunities for Biotechnologically Enhanced Crops in North Dakota.” Special ND Legislative funding, \$100,000. 7/1/1999 – 6/30/2001.

Lambert, David K. "Information Integration for Watershed Protection and Risk Assessment." U.S. Forest Service, Humboldt-Toiyabe National Forest. 5/15/98-6/30/99. \$7,300.

Harris, Thomas R., R. Narayanan, J. Englin, and David K. Lambert. "Water Policy Analysis using Computable General Equilibrium Models." U.S. Geological Survey. June, 1993 - May, 1995. \$48,081.

Harris, Thomas R., J.S. Shonkwiler, and David K. Lambert. "Baseline Economic Analysis." U.S. Department of Energy, DE-FC08-90NV10891. 10/1/92 - 12/31/93. \$34,697.

Harris, Thomas R., Rangesan Narayanan, and David K. Lambert. "Socioeconomic Studies." U.S. Department of Energy, \$66,215.00.

Lambert, David K. and William O. Champney. "Determination of Fair Market Value Grazing and Harvest Rates for Ruby Lake National Wildlife Refuge." Submitted May, 1991, United States Fish and Wildlife Service, \$2,500.

Lambert, David K. "Factors Influencing the Adoption of Nontraditional Marketing Practices by Nevada Agricultural Producers." Junior Faculty Research Award of the University of Nevada, Reno. December 1987, \$2,576.

Cooperative Extension Services of Oregon, Nevada, Washington, and Minnesota, the Farm Credit Association of America, and the Farm Credit Services. "Business Management in Agriculture." Funded in 1986 (\$259,000), 1987 (\$299,000) and 1988 (\$150,000). This grant is administered through Oregon State University. Dr. Lambert's share was approximately \$20,000.

Lambert, David K. "Financial Management Analysis." University of Nevada College of Agriculture Extension Special Funding Program, April, 1986, \$932.50.

#### Grants and Contracts under Review

Lambert, David K., Karen Garrett, Michael Young, and Timothy Dalton. "Pest and Disease Management Decisions in an Ever-Changing Environment." Letter of Intent filed February 2014. Full proposal due April 2014. National Institute of Food and Agriculture, AFRI Foundational Grant Program.

Lambert, David K. Health Impacts of Changes in Kansas Corporate Farming Laws. Pew Charitable Trust (subcontract with Kansas Health Institute). \$8,000.

#### Agricultural Experiment Station Projects (Hatch and Regional)

Lambert, David K. "Impact Analysis and Decision Strategies for Agricultural Research," Regional Research Project NC-1034. 2001 – present.

Lambert, David K. "Factors Affecting Cattle Inventories and Federal Grazing Demand in the Western United States." Nevada Agricultural Experiment Station Research Project NEV5145. 7/1/96 - 6/30/2001.

Lambert, David K. "Resolving Conflicts in Natural Resource Use: An Application to Nevada Wilderness Designation." ImMasche and Nevada Agricultural Experiment Station Research Project NEV5141. 7/1/95 - 6/30/98.

Lambert, David K. "Private Strategies, Public Policies, and Food Service Performance." Northeastern Regional Project NE-165. Nevada Agricultural Experiment Station. 7/1/93 - 6/30/96.

- Lambert, David K. "Private Strategies, Public Policies, and Food Service Performance." Nevada Agricultural Experiment Station Research Project (NE-165). 1993 - 1994.
- Lambert, David K. "Market Distortion Resulting from Concentration in the U.S. Meatpacking Industry." Nevada Agricultural Experiment Station Research Project. 1992 - 1995.
- Lambert, David K. "Enhancing the Long Term Profitability of the Range Livestock Industry." ImMasche Endowment Fund for the study of the economic aspects of the livestock and meat industry. 1986-1990.
- Lambert, David K. "Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk." Nevada Agricultural Experiment Station Research Project 221. 1989 - 1992.
- Lambert, David K. "Economic Considerations of Alternative Cattle Marketing Strategies under Price Risk." Nevada Agricultural Experiment Station Research Project 218. 1986 - 1989.

## **GRADUATE STUDENTS SUPERVISED (Last ten years)**

At North Dakota State University

- Middleton, Jason E. "Logistic Strategies for an Herbaceous Crop Residue-based Ethanol Production Industry: An Application to Northeastern North Dakota." NDSU, M.S. Dec 2008.
- Gurung, Ananda B. "Impact of Agricultural Productivity Changes on Agricultural Exports." NDSU. M.S. Dec 2008.
- Mayom, Chol P. "Impact of Climate Change and Weather Variability on North Dakota Agriculture" NDSU, M.S. Nov 2008.
- McKoy, Shahera D. "The Impact of Multilateral Trade Association Membership on Agricultural and Food Trade." NDSU, M.S. Dec 2007.
- Gong, Jian. "How U.S. Agriculture Adjusts to Energy Price Changes." NDSU, M.S. May 2007.
- Bayda, Volodymir V. "Evaluation of North Dakota Farm Production Efficiency and Financial Performance over Time." NDSU, M.S. May 2003.

## **SOCIETIES AND PROFESSIONAL ORGANIZATIONS**

American Economic Association, 1989 - present.  
 Agricultural and Applied Economics Association, 1978 - present.  
 National Association of Agricultural Economics Administrators, November 1998 – June 2007 and July 2009 – present.  
 The Agricultural Economics Society (UK), 2006 - 2009.  
 Western Agricultural Economics Association, 1981 - 2011.

## **Regional and National Committee Involvement**

Co-Editor, *Journal of Agricultural and Resource Economics*. April 2015 – December 2018.  
 Chair, AAEA Quality of Research Discovery Selection Committee. December 2011 – present.  
 Editor, *Journal of Agricultural and Resource Economics*. April 2006 – December 2009.  
 Board Member, *Council for Agricultural, Food, and Resource Economics*. January 2004 – December 2006 and August 2011 - present.  
 Chair, *National Association of Agricultural Economics Administrators (NAAEA)*. 2013-14.  
 Member, *NAAEA*. November 1998-June 2007 and August 2011 - present.  
 Member, *NCA 12. Agricultural Economics Administrators*. November 1998 – June 2007 and August 2011 - 2013.  
 Member, Editorial Council, *Journal of Agricultural and Resource Economics*. 1997 - 2000.  
 Member, Ad Hoc Program Committee for the 1999 Annual Meetings, Nashville, TN, *American Agricultural Economics Association*. July, 1998 - August 1999.

Member, Economic Statistics and Information Resources Committee, *American Agricultural Economics Association*. August, 1995 - 2000. (Chair, August 1998 – July 2000).

Member, Advisory Committee, AAEA Communications Strategy/Web Page/Newsletter, *American Agricultural Economics Association*. June, 1998 –July 1999.

Chair, Ad Hoc Committee on Electronic Communications, *American Agricultural Economics Association*. August, 1995 -1997.

Chair, Selected Papers Committee, Western Agricultural Economics Association 1995 Annual Meeting.

Member, *Western Agricultural Economics Association Council*. 1989-1995

Member, Northeastern Regional Project NE-165, *Private Strategies, Public Policies, and Food Service Performance*.

Member, Western Regional Coordinating Committee WRCC-62, *Decision Support Systems in Agriculture*, 1986 - 1989 (Chair, 1988-1989).

Member, Southern Regional Project S-232, *Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk*, 1988 - 1994.

Member, *Western Extension Marketing Committee*, 1984 - 1988 (Secretary, 1988).

Member, American Agricultural Economics Association - *Extension Committee*, 1987 - 1989.