

GianCarlo Moschini

Professor of Economics
Department Chair
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Education

1986: Ph.D., University of Guelph, Canada. Graduated with distinction.
1978: *Laurea*, Catholic University of Piacenza, Italy. *Magna cum laude*.

Employment

2009– : Professor and Chair, Department of Economics, Iowa State University.
2000– : Professor and Pioneer Chair in Science and Technology Policy, Department of Economics, Iowa State University.
1995– 00: Professor, Department of Economics, Iowa State University.
1994– 95: Visiting Professor, Department of Economics, University of Siena, Italy.
1991– 95: Associate Professor, Department of Economics, Iowa State University.
1987– 91: Assistant Professor, Department of Economics, Iowa State University.
1986– 87: Lecturer, Department of Economics, University of Guelph, Canada.
1985– 86: Professore incaricato, Catholic University of Piacenza, Italy.

Awards

2007: Best Paper Award, Food & Nutrition Section, *American Agricultural Economics Association*
2005: *Iowa State University Foundation* Award for Outstanding Achievement in Research
2003: Fellow, *American Agricultural Economics Association*
2003: Who's Who in Economics
2002: Outstanding published research award, *Western Agricultural Economic Association*.
1999: Quality of research discovery award, *American Agricultural Economics Association*.
1998: Outstanding published research award, honorable mention (h. m.), *Western Agricultural Economic Association*.
1994: Outstanding journal article award, *American Agricultural Economic Association*.
1993: Outstanding journal article award, *Western Agricultural Economic Association*.
1991: Quality of research discovery award, h. m., *American Agricultural Economics Association*.
1989: Best journal article award, h. m., *Canadian Agricultural Economics and Farm Management Society*.
1987: Outstanding Ph.D. dissertation award, *American Agricultural Economics Association*

Professional Service and Honors

- 2010 – 2013 : Board of directors, *Agricultural and Applied Economics Association*
2008 : Plenary address, Congress of the *European Association of Agricultural Economics*
2007 : Hibbard Memorial Lecture, *University of Wisconsin-Madison*
2007 : Sir John Crawford Fellows Address, *Australian Agricultural and Resource Economics Society*
2004 : Joseph Havlicek, Jr. Memorial Lecture, *The Ohio State University*
2003– : Research Fellow, *Rural Development Research Consortium, U of California-Berkeley*
2002– : Advisory Board, *Journal of Agricultural & Food Industrial Organization*
2001 : Annual conference organizer, *International Agricultural Trade Research Consortium*
1998–2000 : Editor, *American Journal of Agricultural Economics*
1992–1997 : Associate Editor, *American Journal of Agricultural Economics*
1997– : Advisory Board, *Agricultural and Natural Resource Economics Abstracts*

Professional Affiliations

Agricultural & Applied Economics Association
American Economics Association
International Agricultural Trade Research Consortium
Western Agricultural Economics Association
Western Economics Association

Teaching

Courses currently and recently taught at *Iowa State University*:

- Econ 416 – Industrial Organization (undergraduate)
- Econ 418x – Introduction to Game Theory (undergraduate)
- Econ 601 – Microeconomic Analysis I (graduate)

Courses previously taught:

- Consumption and Demand Analysis (graduate, *Iowa State University*)
- Agricultural Price Analysis (graduate, *Iowa State University*)
- Agricultural Marketing (undergraduate, *Iowa State University*)
- Topics in Microeconomics (undergraduate, *Iowa State University*)
- International Economics (undergraduate, *University of Guelph, Canada*)
- Agricultural Price Analysis (undergraduate, *University of Guelph, Canada*)
- Introduction to Game Theory (graduate, *Catholic University, Italy*)
- International Agricultural Trade (graduate, *Catholic University, Italy*)
- Demand Analysis: Theory and Practice (graduate, *Catholic University, Italy*)

Journal Articles

Moschini, G., "Competition Issues in the Seed Industry and the Role of Intellectual Property," **Choices**, 25(2), 2nd Quarter 2010.

Jayasinghe, S., Beghin, J. and Moschini, G., "Determinants of World Demand for U.S. Corn Seeds: The Role of Trade Costs," *American Journal of Agricultural Economics*, 92(4)(2010): 999-1010.

Moschini, G., "Incentives and Outcomes in a Strategic Setting: The 3-Points-for-a-Win System in Soccer," *Economic Inquiry*, 48(1)(January 2010):65-79.

Lapan, H., and Moschini, G., "Quality certification standards in competitive markets: When consumers and producers (dis)agree," *Economics Letters*, 104(3)(September 2009):144-147.

Bulut, H., and G. Moschini, "U.S. Universities' Net Returns from Patenting and Licensing: A Quantile Regression Analysis," *Economics of Innovation and New Technology* 18(2)(2009):123-137.

Moschini, G., "Biotechnology and the Development of Food Markets: Retrospect and Prospects," *European Review of Agricultural Economics* 35(2008):331-355.

Moschini, G., Menapace, L., and Pick, D., "Geographical Indications and the Competitive Provision of Quality in Agricultural Markets," *American Journal of Agricultural Economics* 90(2008):794-812.

Moschini, G., and Yerokhin, O., "Patents, Research Exemption, and the Incentive for Sequential Innovation," *Journal of Economics & Management Strategy* 17(2008):379-412.

Yerokhin, O. and G. Moschini, "Intellectual Property Rights and Crop-Improving R&D Under Adaptive Destruction," *Environmental and Resource Economics* 40(2008):53-72.

Moschini, G. and P.L. Rizzi, "Deriving a Flexible Mixed Demand System: The Normalized Quadratic Model," *American Journal of Agricultural Economics* 89(2007):1034-1045.

Lapan, H., and G. Moschini, "Grading, Minimum Quality Standards, and the Labeling of Genetically Modified Products," *American Journal of Agricultural Economics* 89(2007):769-783.

Noh, Y-H., and Moschini, G., "Vertical Product Differentiation, Entry-Deterrence Strategies, and Entry Qualities," *Review of Industrial Organization* 29(2006):227-252.

Moschini, G., "Pharmaceuticals and Industrial Traits in Genetically Modified Crops: Coexistence with Conventional Agriculture," *American Journal of Agricultural Economics* 88(5)(2006):1184-1192.

Hennessy, D., and Moschini, G., "Regulatory Actions under Adjustment Costs and the Resolution of Scientific Uncertainty," *American Journal of Agricultural Economics* 88(2)(May 2006):308-323.

Gohin, A., and Moschini, G., "Evaluating the Market and Welfare Impacts of Agricultural Policies in Developed Countries: Comparison of Partial and General Equilibrium Measures," *Review of Agricultural Economics* 28(2)(2006):195-211.

Bulut, H. and Moschini, G., "Patents, Trade Secrets and the Correlation Among R&D Projects," *Economics Letters*, 91(2006):131-137.

Moschini, G., Bulut, H., and Cembalo, L., "On the Segregation of Genetically Modified, Conventional and Organic Products in European Agriculture: A Multi-market Equilibrium Analysis," *Journal of Agricultural Economics*, 56(3)(2005):347-372.

Sobolevsky, A., Moschini, G., and Lapan, H., "Genetically Modified Crops and Product Differentiation: Trade and Welfare Effects in the Soybean Complex," *American Journal of Agricultural Economics* 87(3)(August 2005):621-644.

Moschini, G., "Nash Equilibrium in Strictly Competitive Games: Live Play in Soccer," *Economics Letters*, 85(3)(December 2004), 365-371.

Lapan, H.E., and G. Moschini, "Innovation and Trade with Endogenous Market Failure: The Case of Genetically Modified Products," *American Journal of Agricultural Economics*, 86(2004):634-648.

Moschini, G. and Myers, R.J. "Testing for Constant Hedge Ratios in Commodity Markets: A Multivariate GARCH Approach," *Journal of Empirical Finance*, 9(2002):589-603.

Moschini, G. "Production Risk and the Estimation of Ex-ante Cost Functions," *Journal of Econometrics*, 100(2001):357-380.

Moschini, G. "A Flexible Multistage Demand System Based on Indirect Separability," *Southern Economic Journal*, 68(2001):22-41.

Moschini, G. "Biotech—Who Wins? Economic Benefits and Costs of Biotechnology Innovations in Agriculture," *Estey Centre Journal of International Law and Trade Policy*, 2(2001):93-117.

Moschini, G., Lapan, H. and Sobolevsky, A. "Roundup Ready® Soybeans and Welfare Effects in the Soybean Complex," *Agribusiness - An International Journal*, 16(2000):33-55.

Lapan, H. and Moschini, G. "Incomplete Adoption of a Superior Innovation," *Economica*, 67(2000):525-542.

Moschini, G. "Policy Reform in the European Union Dairy Sector -- Effects on Markets and Welfare: Discussion," *Canadian Journal of Agricultural Economics*, 47(December 1999), 115-16.

Moschini, G. "Imposing Local Curvature Conditions in Flexible Demand Systems," *Journal of Business & Economic Statistics*, 17 (October 1999):487-490.

Gervais, J-P. and Moschini, G., "Estimating Disequilibrium Cost Elasticities in Agricultural Production: Comment," *Canadian Journal of Agricultural Economics*, 46(1998):347-349.

Moschini, G. "The Semiflexible Almost Ideal Demand System," *European Economic Review*, 42(1998):349-364.

Moschini, G. and H. Lapan, "Intellectual Property Rights and the Welfare Effects of Agricultural R&D," *American Journal of Agricultural Economics*, 79(November 1997):1229-1242.

Moschini, G.C. and P.L. Rizzi, "La Struttura dei Consumi delle Famiglie in Italia," *Rivista Internazionale di Scienze Sociali*, 105(1997):449-471.

Lapan, H. and Moschini, G. "Stabilizing Price Policies and the Futures Market," *Economics Letters*, 53(1996):175-182.

Moschini, G. and D. Moro, "Structural Change and Demand Analysis: A cursory Review," *European Review of Agricultural Economics*, 23(1996):239-261.

Moro, D. and Moschini, G. "A Separable Almost Ideal Demand System," *Rivista Internazionale di Scienze Economiche e Commerciali*, 43(1996):537-562.

Moschini, G. and H. Lapan. "The Hedging Role of Options and Futures under Joint Price, Basis, and Production Risk," *International Economic Review*, 36(November 1995):1025-1049.

Moschini, G. "Units of Measurement and the 'Stone Index' in Demand System Estimation," *American Journal of Agricultural Economics*, 77(February 1995):63-68.

Moschini, G. and D. Moro, "Autocorrelation Specification in Singular Equation Systems," *Economics Letters*, 46(1994):303-309.

Moschini, G. and P. Sckokai, "Efficiency of Decoupled Farm Programs Under Distortionary Taxation," *American Journal of Agricultural Economics*, 76(August 1994):362-370.

Lapan, H., and G. Moschini, "Futures Hedging Under Price, Basis, and Production Risk," *American Journal of Agricultural Economics*, 76(August 1994):465-477.

Moschini, G., Moro, D. and Green, R. "Maintaining and Testing Separability in Demand Systems." *American Journal of Agricultural Economics*, 76(February 1994):61-73.

Sckokai, P. and G. Moschini, "Interventi Disaccoppiati, Riforma della PAC e Redditi Agricoli: Una Analisi Qualitativa," *Rivista di Economia Agraria*, 48(September 1993):391-412.

- Lapan, H., Moschini, G. and Hanson, S. "Production, Hedging, and Speculative Decision with Options and Futures Markets: Reply" *American Journal of Agricultural Economics*, 75(August 1993):748-750.
- Moschini, G. and Vissa, A. "Flexible Specification of Mixed Demand Systems." *American Journal of Agricultural Economics*, 75(1993):1-9.
- Moschini, G. and H. Lapan. "Hedging Price Risk with Futures and Options for the Competitive Firm with Production Flexibility." *International Economic Review*, 33(1992):607-618.
- Moschini, G. and Meilke, K.D. "Production Subsidy and Countervailing Duties in Vertically Related Markets: The Hog-Pork Case between Canada and the United States." *American Journal of Agricultural Economics*, 74(1992):951-961.
- Moschini, G. and Vissa, A. "A Linear Inverse Demand System." *Journal of Agricultural and Resource Economics*, 17(1992):294-302.
- Holt, M. and G. Moschini. "Alternative Measures of Risk in Commodity Supply Models: An Analysis of Sow Farrowing Decisions in the United States." *Journal of Agricultural and Resource Economics*, 17(1992):1-12.
- Moschini, G. "A Non-nested Test of Separability for Flexible Functional Forms." *Review of Economics and Statistics*, LXXIV(1992):365-369.
- Moschini, G. and Meilke, K.D. "Tariffication with Supply Management: The Case of the U.S.-Canada Chicken Trade." *Canadian Journal of Agricultural Economics*, 39(1991):55-68.
- Moschini, G. "Economic Issues in Tariffication: An Overview." *Agricultural Economics*, 5(1991):101-120.
- Moschini, G. "A Model of Production with Supply Management for the Canadian Agricultural Sector: Reply." *American Journal of Agricultural Economics*, 70(1991):871-873.
- Lapan, H., Moschini, G. and Hanson, S. "Production, Hedging, and Speculative Decision with Options and Futures Markets." *American Journal of Agricultural Economics*, 73(1991):66-74.
- Moschini, G. "Testing for Preference Change in Consumer Demand: An Indirectly Separable, Semiparametric Model." *Journal of Business and Economic Statistics*, 9(1991):111-117.
- Moschini, G. "Nonparametric and Semiparametric Estimation: An Analysis of Multiproduct Returns to Scale." *American Journal of Agricultural Economics*, 72(1990):589-596.
- Moschini, G. "Modeling the Supply Response of Supply Managed Industries: A Review of Issues." *Canadian Journal of Agricultural Economics*, 37(1989):379-392.
- Moschini, G. "Normal Inputs and Joint Production with Allocatable Fixed Factors." *American Journal of Agricultural Economics*, 71(1989):1021-1024.

- Oxley, J., Fox, G. and Moschini, G. "An Analysis of the Structural and Welfare Effects of Bovine Somatotropin on the Ontario Dairy Industry." *Canadian Journal of Agricultural Economics*, 37(1989):393-406.
- Moschini, G. and Meilke, K.D. "Modeling the Pattern of Structural Change in U.S. Meat Demand." *American Journal of Agricultural Economics*, 71(1989):253-261.
- Moschini, G., Prescott, D. and Stengos, T. "Nonparametric Kernel Estimation Applied to Forecasting: An Evaluation Based on the Bootstrap." *Empirical Economics*, 13(1988):141-154.
- Moschini, G. "The Cost Structure of Ontario Dairy Farms: A Micro-econometric Analysis." *Canadian Journal of Agricultural Economics*, 36(1988):187-206.
- Moschini, G. "A Model of Production with Supply Management for the Canadian Agricultural Sector." *American Journal of Agricultural Economics*, 70(1988):318-329.
- Moschini, G. and Meilke, K.D. "Sustainable Rates of Return for Milk Quotas in Ontario." *Canadian Journal of Agricultural Economics*, 36(1988):119-126.
- Moschini, G. "Least-Cost Subsidization Alternatives: Comment." *American Journal of Agricultural Economics*, 69(1987):187.
- Moschini, G. and Meilke, K.D. "Parameter Stability and the U.S Demand for Beef." *Western Journal of Agricultural Economics*, 9(1984):271-282.
- Surry, Y. and Moschini, G. "Input Substitutability in the EC Compound Feed Industry." *European Review of Agricultural Economics*, 11(1984): 455-464.
- Moschini, G. "Quota Values and Price Uncertainty." *Canadian Journal of Agricultural Economics*, 32(1984):231-234.
- Moschini, G. "Funzione di profitto e analisi dell'offerta." *Rivista Internazionale di Scienze Sociali*, 91(1983):469-486.
- Moschini, G. "La teoria della stabilizzazione dei prezzi: una rassegna critica." *Rivista di Economia Agraria*, 38(1983):533-555.
- Moschini, G. "Testing for Parameter Instability in Linear Econometric Models: A Survey," *Annali della Facolta' di Agraria U.C.S.C.*, 22(1982):163-174.
- Pieri, R. and Moschini, G., "The Italian Tomato Industry: An Econometric Analysis for the Period 1955to 1976," *European Review of Agricultural Economics* 6(1979):365-384.
- Moschini, G. and R. Pieri, "Analisi dell'offerta e della domanda di pomodoro in Italia," *Rivista di Economia Agraria*, XXXIII(1978):755-780.

Books

Carter, C., Moschini, G., and Sheldon, I., eds., *Genetically Modified Food and Global Welfare*, Emerald Group Publishing, 2011 (in press).

Chapters in Books

Moschini, G., and Yerokhin, O., “The Economic Incentive to Innovate in Plants: Patents and Plant Breeders’ Rights,” in J.P. Kesan, ed., *Agricultural Biotechnology and Intellectual Property: Seeds of Change*, CAB International, 2007 (pp.190-203).

Moschini, G., and Lapan, H., “Labeling Regulations and Segregation of First- and Second-Generation GM Products: Innovation Incentives and Welfare Effects,” book chapter in R.E. Just, J. Alston, and D. Zilberman, eds., *Regulating Agricultural Biotechnology: Economics and Policy*, New York, Springer Publishers, 2006 (pp. 263-282).

Moschini, G., and Rizzi, P.L., “Coherent Specification of a Mixed Demand System: The Stone-Geary Model,” in M. T. Holt and J.-P. Chavas, ed., *Exploring Frontiers in Applied Economics: Essays in Honor of Stanley R. Johnson*, Berkeley Electronic Press, September 2006.

Moschini, G., “Intellectual property rights and the World Trade Organization: Retrospect and prospects,” in Anania, G., Bohman, M., Carter, C., and McCalla, A., eds., *Agricultural policy reform and the WTO: where are we heading?*, Edward Elgar Publishing, 2004 (pp. 474-511).

Moschini, G., “Patents and Other Intellectual Property Rights,” in: Public Policy in Food and Agriculture, edited by A. Azzam, in *Encyclopedia of Life Support Systems (EOLSS)*, Eolss Publishers, Oxford, UK, 2003.

Langinier, C. and G. Moschini, “The Economics of Patents,” in *Intellectual Property Rights and Patenting in Animal Breeding and Genetics*, edited by S. Newman and M. Rothschild, CAB International, 2002 (pp. 31-50).

Moschini, G. and D. Hennessy, “Uncertainty, Risk Aversion, and Risk Management for Agricultural Producers,” in *Handbook of Agricultural Economics*, volume 1A, B. Gardner and G. Rausser editors, Elsevier Science Publishing, 2001.

Moschini, G., H.E. Lapan, and A. Sobolevsky, “Trading Technology as well as Final Products: Roundup Ready Soybean and Welfare Effects in the Soybean Complex,” Chapter 14 of *Transitions in Agbiotech: Economics of Strategy and Policy*, edited by W.H. Lesser. Storrs, CT: Food Marketing Policy Center, 2000.

Moschini, G., and H. Lapan, “Intellectual Property Rights and the Welfare Effects of Agricultural R&D,” in G. Galizzi and L. Venturini, eds., *Vertical Relationships and Coordination in the Food System*, Physica-Verlag Heidelberg, 1999.

Moschini, G. "U.S. Domestic Policy and U.S./E.C. Trade: Discussion," in Anania, G., Carter, C., and MacCalla, A. *Agricultural Trade Conflicts and GATT - New Dimensions in North American-European Agricultural Trade Relations*, Westview Press, 1994.

Moschini, G., and R. Green, "Separability in Demand Analysis: Untested Assumption of Tested Hypothesis?," in H.H. Jensen and J.A. Chalfant, *Policy Implications for U.S. Agriculture of Changes in Demand for Food*. Ames, IA: Center for Agriculture and Rural Development, 1994.

Moschini, G., Prescott, D., and Stengos, T. "Nonparametric Kernel Estimation Applied to Forecasting: An Evaluation Based on the Bootstrap." In Aman Ullah, ed., *Semiparametric and Nonparametric Econometrics*, Physica-Verlag Heidelberg, 1989.

Other Publications

Moschini, G., Book review of "Patent Failure: How Judges, Bureaucrats, and Lawyers Put Innovators at Risk," by James Bessen and Michael J. Meurer, *Review of Policy Research*, 27(2)(2010):200-202.

Moschini, G., Book review of "Innovation and Its Discontents: How our Broken Patent System Is Endangering Innovation and Progress, and What to Do About It. Princeton," by Jaffe, Adam B. and Josh Lerner. *American Journal of Agricultural Economics*, 91(2009):293-294.

Moschini, G., Book review of "What's Economics Worth? Valuing Policy Research," by Pardey, P.G., Smith, V.H., eds., *Economic Development and Cultural Change*, 55(2)(2007):425-428.

Graff, G. and Moschini, G., "Pharmaceuticals and Industrial Products in Crops: Economic Prospects and Impacts on Agriculture," *Iowa Ag Review*, CARD, Vol. 19, No. 4, Fall 2004.

Moschini, G., "Agricultural Biotechnology and Trade: The Unresolved Issues," *Iowa Ag Review*, CARD, Vol. 9, No. 4, Fall 2003.

Harvey E. Lapan, GianCarlo Moschini, Brad Caruth, "Are All Taxes Equally Bad? How Replacing Iowa's Sales Tax Could Save Iowans More Than \$100 Million per Year," *Working Paper* 02-WP 312, CARD, Department of Economics, Iowa State University, September 2002.

Moschini, G., "Patented Agriculture" *Iowa Ag Review*, CARD, Vol. 8, No. 2, Spring 2002.

Moschini, G., "Who is Afraid of the Precautionary Principle?" *Iowa Ag Review*, CARD, Vol. 7, No. 4, Fall 2001.

Moschini, G., "Much Ado About GMOs," *Soybean Update*, SD Soybean Research & Promotion Council, Supplement to *Dakota Farmer* magazine, December 1999.

Moschini, G., “To Label or Not to Label, That is the Question,” *Iowa Soybean Review*, Volume 11, No. 1, October 1999.

Moschini, G., “GMOs and Identity Preservation: The Roots of the Problem.” Contributed section in *Economic Perspectives on the GMO Market Segregation*, by Miranowski et al., Department of Economics, Iowa State University, September 1999.

Moschini, G., and Corrigan, J., “GMOs in Europe: A Genetically Modified Ordeal?,” *Iowa Ag Review*, CARD, Vol. 5, No. 3, Summer 1999.

Huffman, W., and Moschini, G., “The Role of Research & Development and of New Technologies,” chapter in *Agriculture in the 21st Century -- Surviving and Thriving*, Department of Economics, Iowa State University, March 1999.

Moschini, G., “Research Update,” *Economics Newsletter*, Iowa State University, Spring 1998.

Moschini, G. Book review of “Agricultural Trade Conflicts and GATT - New Dimensions in North American-European Agricultural Trade Relations,” by Anania, G., C. Carter and A. MacCalla. *La Questione Agraria* 57(1995):191-193.

Moschini, G., and Moro, D. A Food Demand System for Canada. *Agriculture Canada Technical Report* 1/93, Ottawa, March 1993.

Meilke, K.D., and G. Moschini. 1992. “A Chronicle of Canadian Hog Stabilization Programs and U.S. Countervailing Duties on Hogs and Pork”. *GATT Research Paper* 91-GATT 5, Center for Agricultural and Rural Development, Iowa State University, April 1992.

Graham, J.D., Stennes, B., MacGregor, R.J., Meilke, K., and Moschini, G. The Effects of Trade Liberalization on the Canadian Dairy and Poultry Sectors. *Agriculture Canada Working Paper* No. 3/90, Ottawa, June 1990.

Moschini, G., and Meilke, K.D. An Analysis of Spatial Price Differences in the North-American Livestock Sector. *Agriculture Canada Working Paper* No. 7/87, Ottawa, May 1987.

Presentations to Professional Audiences: 2000 – present

“*Understanding the Market and Welfare Impacts of Biofuel and Energy Policies*,” presented at the “Strategic Directions” workshop organized by the Energy Biosciences Institute, University of California Berkeley/University of Illinois, Champaign, IL, September 2010.

“*Quality Certification by Geographical Indications, Trademarks, and Firm Reputation*,” paper presented at the AAEA annual meeting, Denver, CO, July 2010.

“*Welfare Effects of US Biofuel Policies*,” presentation at the International Consortium on Agricultural Biotechnology Research, Ravello, Italy, June 2010.

“Competition in the Seed Industry and the Role of Intellectual Property,” presentation at the IFBF Policy Information Conference, Des Moines, IA, February 2010.

“Competition in the U.S. Seed Industry and the Role of Intellectual Property,” presentation at the Farm Foundation conference on “The Economics of Structural Change and Competition in the Food System,” Economic Research Service, USDA, Washington, D.C., December 2009.

“Biofuels Policies and Welfare: Is the Stick of Mandates better than the Carrot of Subsidies?,” paper presented at the Economic Research Service, USDA, Washington, D.C., June 2009.

“Biotechnology and the Development of Food Markets: Retrospect and Prospects,” plenary session address, XIIth EAAE Congress, Ghent, Belgium, August 2008.

“Second-Best Biofuel Policies,” paper presented at the NC-1034 annual conference “Energy and Agriculture: Emerging Policy and R&D Issues,” ERS, USDA, Washington, D.C., March 2008.

“Geographical Indications and the Competitive Provision of Quality in Agricultural Markets,” paper presented at the NC-1034 annual meeting, Washington, D.C., March 2008.

“The Economics of Traceability: An Overview,” Seminar, European Union Joint Research Centre, Ispra, Italy, December 2007.

“Intellectual Property Rights for Plants: Patents, Plant Breeders' Rights and the Incentive for Sequential Innovation,” Hibbard Memorial Lecture, Department of Agricultural and Applied Economics, University of Wisconsin-Madison, November 2007.

“Intellectual Property Rights for Plants: Patents, Plant Breeder's Rights, and the Incentive for Sequential Innovation,” Seminar, Department of Food, Agricultural and Resource Economics, University of Guelph, October 2007.

“Economic Perspectives on GM Regulation, Identity Preservation and Private Standards,” Presentation at the World Trade Institute, Berne, Switzerland, May 2007.

“Patents, Research Exemption, and the Incentive for Sequential Innovation,” paper presented at the NC-1034 annual conference “Agricultural Research, Intellectual Property and Incentives for Innovation,” University of California-Berkeley, CA, March 2007.

“Patents, Research Exemption, and the Incentive for Sequential Innovation,” Seminar, Department of Agricultural Economics, Purdue University, March 2007.

“Intellectual Property Rights and Innovation in Agriculture,” Sir John Crawford Fellows Address, Australian Agricultural and Resource Economics Society annual meeting, Queenstown, New Zealand, February 2007.

“Pharmaceuticals and Industrial Traits in Genetically Modified Crops: Coexistence with Conventional Agriculture,” Principal Paper, Annual meeting of the American Agricultural Economics Association, Long Beach, CA, July 2006.

"The Economics of Genetically Modified Product Innovation and the Co-existence Issue in the European Union," Seminar, Catholic University of Piacenza-Cremona, Italy, March 2006.

"Patents, Plant Breeders' Rights, and the Research Exemption: Modeling the Incentive for Sequential Innovation," Paper presented at the conference on "Industrial Organization and Innovation," Grenoble, France, June 2005.

"Economics of Intellectual Property Rights for Sequential Innovations: Patents and Plant Breeder's Rights," presentation given at Pioneer Hi-Bred International, Des Moines, June 2005.

"Labeling Regulations and Segregation of First- and Second-Generation GM Products: Innovation Incentives and Welfare Effects," Paper presented at the conference on "Economics of Regulation of Agricultural Biotechnologies," NC-1003 Annual Meeting, Arlington, VA, March 2005.

"The Economics of Patenting," Presentation given to the *ISU Bioethics Retreat*, Ames, IA, January 2005.

"On the Specification and Estimation of Demand Systems: The Mixed Demand Approach," Joseph Havlicek, Jr. Memorial Lecture, Department of Agricultural, Environmental and Development Economics, Ohio State University, December 2004.

"Economic Perspectives on University Patenting and Licensing," presentation to the Coordinating Council on Technology Transfer, Iowa State University, September 2004.

"Innovation and Trade with Endogenous Market Failure: The Case of Genetically Modified Products," Seminar, Department of Applied Economics, University of Minnesota, April 2004.

"Intellectual Property Rights and the World Trade Organization: Retrospect and Prospects," Filley-Garey Public Lecture, University of Nebraska-Lincoln, April 2004.

"Genetically Modified Crops and (Induced) Product Differentiation: Trade and Welfare Effects in the Soybean Complex," Seminar, Department of Agricultural Economics, University of Nebraska-Lincoln, April 2004.

"Research Exemption and the Economic Incentive to Innovation," Conference on: "Seed of Change: Intellectual Property Protection for Agricultural Biotechnology," University of Illinois College of Law, April 2004.

"Genetically Modified Crops and International Trade: Evidence from a Product Differentiation Model of the Soybean Complex," to be given at the NC1003 annual meeting, Donald Danforth Plant Science Center, St. Louis, Missouri, March 2004.

"International Coordination of Intellectual Property Rights, Trade, and the WTO," for: "Exploring Frontiers in Applied Economics, a symposium in honor of Stanley R. Johnson," Ames, IA, October 2003.

“Intellectual Property Rights and the World Trade Organization: Retrospect and Prospects,” invited presentation at the international conference *“Agricultural Policy Reform and the WTO: Where Are We Heading?”* Capri (Italy), June 2003.

“Patents, Trade Secrets, and the Correlation Among R&D Projects,” presentation given to the NC1003 annual meeting, New Brunswick, NJ, February 2003.

“Decisions under Risk and the Precautionary Principle: An Economist’s Perspective,” Presentation given to the ISU Bioethics Retreat, Ames, IA, January 2003.

“Innovazione da OGM, regolamentazione e commercio internazionale: Protezione del consumatore o protezionismo?” invited presentation hosted by the Istituto Nazionale di Economia Agraria, Rome, Italy, April 2002.

“GMO Labeling, Identity Preservation, and Trade,” presentation at Pioneer Hi-Bred International, Des Moines, January 2002.

“Globalization, Biotechnology and Trade,” opening remarks, International Agricultural Trade Research Consortium, Tucson, AZ, December 2001.

“The Economics of Biotechnology,” presentation to the USDA Cochran Fellowship South Asia Biotechnology Program, Iowa State University, August 2001.

Panel presentation in: *Workshop on Biotechnology and Trade*, USDA, Whitten Building, February 27, 2001.

“GMOs and Product Differentiation: Some Implications from a Model of the World Soybean Complex,” seminar presented at the *Economic Research Service, U.S.D.A.*, Washington, D.C., February 2001.

“Estimating the Economic Benefits of Roundup Ready Soybeans,” presentation given at the Breeding Seminar series, *Department of Agronomy*, Iowa State University, September 2000.

“AgBiotech: Who Wins? Economic Benefits and Costs of Biotechnology Innovations in Agriculture,” Conference on *“Agricultural Trade Liberalization: Can We Make Progress?”* organized by the Canadian Agri-Food Trade Research Network, Quebec City, Canada, October 2000.

“An Economic Perspective on GMOs,” presentation given at the conference *“The Science and Controversy of Agricultural GMOs,”* Iowa State University, March 3-4, 2000.

“Roundup® Ready Soybeans and Welfare Effects in the Soybean Complex,” paper presented at the *Economic Research Service, U.S.D.A.*, Washington, D.C., January 2000.

Omitted material:

[Presentations to Professional Audiences: 1987–1999; Conferences Organized; Reviewer for Academic Journals/Organizations; Grants.](#)

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