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 Montana State University
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EDUCATION:

Ph.D. in Economics, Minor in Statistics, Specialization in Agricultural Economics, North Carolina State University, 1990

M.S. in Applied Economics, Montana State University, 1982

B.S. in Agricultural Business, Montana State University, 1980

PROFESSIONAL EXPERIENCE:

<u>Year</u>	<u>Position</u>	<u>Institution/Employer</u>
2018 - present	Adjunct Professor	California Polytechnic State University
2017 - present	Professor Emeritus	Montana State University
2000 - 2017	Professor	Montana State University
1997 - 2000	Associate Professor	Montana State University
1995 - 1997	Associate Professor	Kansas State University
1990 - 1995	Assistant Professor	Kansas State University
1987 - 1990	Graduate Research Assistant	North Carolina State University
1986 - 1987	Adjunct Instructor	Montana State University
1982 - 1985	Research Analyst	AMEC, Inc. (Bozeman, MT)
1981 - 1985	Instructor	Montana State University

TEACHING EXPERIENCE:

Farm and Ranch Management
 Agribusiness Management
 Demand and Price Analysis
 Production Economics
 Microeconomic Principles
 Agricultural Finance
 Agricultural Marketing

ACADEMIC RESEARCH AREAS:

Agricultural Price Analysis
 Agricultural Finance
 Industry Structures and Regulation
 Agribusiness Marketing
 Risk Management
 International Trade
 Econometrics

AWARDS AND HONORS:

MSU College of Agriculture 2019 Distinguished Faculty Award
MSU Alumni Association/Bozeman Chamber of Commerce, 2013 Award for Excellence
Distinguished Scholar Award, Western Agricultural Economics Association, 2011.
Managing Editor, Journal of Agricultural and Resource Economics, 2010-2012.
Past-President, Western Agricultural Economics Association, 2007-2008
Teaching Award of Merit, North American Colleges & Teachers of Agriculture, 2007
Outstanding Instructor Award, College of Agriculture, Montana State University, 2007
MSU Alumni Association/Bozeman Chamber of Commerce, 2007 Award for Excellence
President, Western Agricultural Economics Association, 2006-2007
Collegiate FFA Outstanding Professor of the Year, MSU College of Agriculture, 2006.
2005 Review of Agricultural Economics Outstanding Journal Article (Honorable Mention)
President-Elect, Western Agricultural Economics Association, 2005-2006
Vice President, Western Agricultural Economics Association, 2002-2003
Choices Editorial Advisory Board, 1998-2000, 2000-2002
Journal of Agricultural and Resource Economics Editorial Council, 2001-2003, 2004-2006,
2012-2014, 2015-2018)
North Carolina State University Department of Agricultural and Resource Economics
Outstanding Alumnus Award, 1999
Director, Western Agricultural Economics Association, 1999-2001
Western Agricultural Economics Association Certificate of Merit for an Outstanding
Extension Program in Agricultural Economics (Group Award), 1999
Outstanding Instructor Award, College of Agriculture, Montana State University, 1999
Co-author of journal article reviewed by the International Journal of Forecasting,
13(1997):149-153
Major Advisor of the Applebaum Scholarship Award winning Masters Thesis, Food
Distribution Research Society, 1997
American Agricultural Economics Association Award for Professional Excellence for a
Distinguished Extension Program (Group Award), 1997
Western Agricultural Economics Association Certificate of Merit for an Outstanding
Extension Program in Agricultural Economics (Group Award), 1997
Extraordinary Teacher Citation, Kansas State University Senior Survey, 1996
Sigma Xi, The Scientific Research Society
Arthur Capper Cooperative Center Advisory Council, 1993-1996
Ph.D. Dissertation chosen for submission in American Agricultural Economics Association
Outstanding Dissertation competition, 1990
Paper selected for competition for the "SAEA Awards for Distinguished Professional
Contributions", 1990
Gamma Sigma Delta, The Honor Society of Agriculture
Montana Chapter of Alpha Zeta "Professor of the Quarter Award," Spring 1987
1986-87 Outstanding Teacher Award, Department of Agricultural Economics and
Economics, Montana State University
1985-86 Outstanding Teacher Award, Department of Agricultural Economics and
Economics, Montana State University
Master's Thesis chosen for submission in Western Agricultural Economics Association
Outstanding Thesis competition, 1982
Alpha Zeta Honorary Fraternity
Phi Eta Sigma Honorary Fraternity

REFEREED JOURNAL ARTICLES:

Brester, Gary W., Michael McCullough, Joseph Atwood, and Caroline Graham Austin. "Beer Excise Taxes and the Craft Beverage and Modernization Tax Reform Act." *Journal of Agricultural and Resource Economics*. 48,2(2023):342-360.

Brester, Gary W., Kole Swanser, and Brett Crosby. "The Thinning Cash Cattle Market: Evaluating Sample Size, Policy Prescriptions, and Pricing Proxies." *Journal of Agricultural and Applied Economics*. 54,3(2022):531-547.

Bekkerman, Anton, Thomas Gumbley, and Gary W. Brester. "The Impacts of Biofuel Policies on Spatial and Vertical Price Relationships in the U.S. Fertilizer Industry." *Applied Economic Perspectives and Policy*. 43,2(2021):802-822.

Bekkerman, Anton, Gary W. Brester, and David Ripplinger. "The History, Consolidation, and Future of the U.S. Nitrogen Fertilizer Production Industry." *Choices*. 35,2(2020):1-7.

Brester, Gary W., and Anton Bekkerman. "Are Fertilizer Capacity Expansion Announcements #FakeNews?" *Choices*. 35,2(2020):1-7.

Hamilton, Lynn, Michael P. McCullough, Gary W. Brester, and Joseph Atwood. "California's Wage Rate Policies and Head Lettuce Prices." *Journal of Food Distribution Research*. 51, 2(2020):92-110.

Bekkerman, Anton, and Gary W. Brester. "Don't Judge a Wine by Its Closure: Price Premiums for Corks in the U.S. Wine Market." *Journal of Wine Economics*. 14,1(2019):3-25.

Brester, Gary W., and Myles J. Watts. "The Basel Accords, Capital Reserves, and Agricultural Lending." *Agricultural Finance Review*. 79,1(2019):27-47.

Brester, Gary W., Joseph Atwood, Myles J. Watts, and Anita Kawalski. "An Examination of the Influence of Genetic Modification Technologies on U.S. and EU Crop Yields." *Journal of Agricultural and Resource Economics*. 44,1(January 2019):16-31.

Bekkerman, Anton, Gary W. Brester, and Glynn T. Tonsor. "An Alternative Approach to Measuring Demand Changes in Meat Markets." *International Food and Agribusiness Management Review*. 22,3(2018):397-412.

Fuller, Kate, Gary W. Brester, and Michael A. Boland. "Genetic Engineering and Risk in Varietal Selection of Potatoes." *American Journal of Agricultural Economics*. 100,2(March 2018):600-608.

Bekkerman, Anton, Gary W. Brester, and Mykel Taylor. "Forecasting a Moving Target: The Roles of Quality and Timing for Determining Northern U.S. Wheat Basis." *Journal of Agricultural and Resource Economics*. 41,1(2016):25-41.

Long, Dan S., Jeffrey D. Whitmus, Richard E. Engel, and Gary W. Brester. "Net Returns from Terrain-based Variable-Rate Nitrogen Management on Dryland Spring Wheat in Northern Montana." *Journal of Agronomy*. 107,3(2015):1055-1067.

REFEREED JOURNAL ARTICLES (continued):

Pendell, Dustin L., Glynn T. Tonsor, Kevin C. Dhuyvetter, Gary W. Brester, and Ted Schroeder. "Evolving U.S. Beef Export Market Access Requirements for Age and Source Verification." *Food Policy*. 43(2013):332-340.

McDonald, Tyrel J., Gary W. Brester, Anton Bekkerman, and John A. Paterson. "Case Study: Searching for the Ultimate Cow: The Economic Value of Residual Feed Intake at Bull Sales." *The Professional Animal Scientist*. 26,6(2010):655-660.

Pendell, Dustin L., Gary W. Brester, Ted C. Schroeder, Kevin C. Dhuyvetter, and Glynn T. Tonsor. "Animal Identification and Tracing in the United States." *American Journal of Agricultural Economics*. 92,3(2010):927-940.

Brester, Gary W, John M. Marsh, and Joseph Atwood. "Evaluating the Farmer's-Share-of-the-Retail-Dollar Statistic." *Journal of Agricultural and Resource Economics*. 34,2(2009):213-236.

Brester, Gary W, Michael A. Boland, and Brenna Grant. "Marketing Organic Pasta from Big Sandy to Rome: It's a Long Kamut[®]." *Review of Agricultural Economics*. 31,2(2009):359-369.

Vanek, Joseph K., Myles J. Watts, and Gary W. Brester. "Carcass Quality and Genetic Selection in the Beef Industry." *Journal of Agricultural and Resource Economics*. 33,3(2008):349-363.

Marsh, John M., Gary W. Brester, and Vincent H. Smith. "Effects of North American BSE Events on U.S. Cattle Prices." *Review of Agricultural Economics*. 30,1(2008):136-150.

Viator, Catherine L., Sheryl C. Cates, Mary K. Muth, Shawn A. Karns, and Gary W. Brester. "Cash Versus Contract Marketing in the U.S. Lamb Industry." *Sheep & Goat Research Journal*. 22(2007):32-41.

Boland, Michael A., Alena M. Bosse, and Gary W. Brester. "The Mountain States Lamb Cooperative: Can Vertical Integration Keep Lamb Producers From Being Fleeced?" *Review of Agricultural Economics*. 29,1(Spring 2007):157-169.

Boland, Michael A., and Gary W. Brester. "Vertical Coordination in the Malting Barley Industry: A 'Silver Bullet' For Coors?" *Review of Agricultural Economics*. 28,2 (Summer 2006):272-282.

Taylor, Mykel R., and Gary W. Brester. "Non-Cash Income Transfers and Agricultural Land Values." *Review of Agricultural Economics*. 27,4(Winter 2005):526-541.

Taylor, Mykel R., Gary W. Brester, and Michael A. Boland. "Hard White Wheat and Gold Medal Flour: General Mills' Contracting Program." *Review of Agricultural Economics*. 27,1(Spring 2005):117-129.

Brester, Gary W, John M. Marsh, and Joseph Atwood. "Distributional Impacts of Country-of-Origin Labeling in the U.S. Meat Industry." *Journal of Agricultural and Resource Economics*. 29,2(August 2004):206-227.

REFEREED JOURNAL ARTICLES (continued):

Miljkovic, Dragan, John M. Marsh, and Gary W. Brester. "Japanese Import Demand for U.S. Beef and Pork: Effects on U.S. Red Meat Exports and Livestock Prices: Reply." *Journal of Agricultural and Applied Economics*. 36(April 2004):257-260.

Marsh, John M., and Gary W. Brester. "Wholesale-Retail Marketing Margin Behavior in the Beef and Pork Industries." *Journal of Agricultural and Resource Economics*. 29,1(April 2004):45-64.

Brester, Gary W., and Michael A. Boland. "Entrepreneurial Risk-Taking Versus Growth Management: The Case of Premier Technology, Inc." *Journal of Food Distribution Research*. 34,4(November 2003):21-30.

Batres-Marquez, S. Patricia, Helen H. Jensen, and Gary W. Brester. "Salvadoran Consumption of Ethnic Foods in the United States." *Journal of Food Distribution Research*. 34,2(July 2003):1-15.

Miljkovic, Dragan, Gary W. Brester, and John M. Marsh. "Exchange Rate Pass-Through, and U.S. Meat Export Prices." *Applied Economics*. 35,6(May 2003):641-650.

Brester, Gary W. "Meeting Consumer Demands with Genetics and Market Coordination: The Case of the Leachman Cattle Company." *Review of Agricultural Economics*. 24,1(Spring/Summer 2002):251-265.

Brester, Gary W., and John M. Marsh. "The Effects of U.S. Meat Packing and Livestock Production Technologies on Marketing Margins and Prices." *Journal of Agricultural and Resource Economics*. 26,2(December 2001):445-462.

Brester, Gary W. "Vertically Integrating Production Agriculture Into Value-Added Niche Markets: The Case of Wheat Montana Farms & Bakery." *Review of Agricultural Economics*. 21,1(Spring/Summer 1999):276-285.

Moutou, Christele, and Gary W. Brester. "Trends in U.S. Wheat-Based Food Consumption: Nutrition, Convenience, and Ethnic Foods." *Journal of Food Distribution Research*. 29,2(July 1998):1-14.

Moutou, Christele, Gary W. Brester, and John A. Fox. "U.S. Consumers' Socioeconomic Characteristics and the Consumption of Grain-Based Foods." *Agribusiness: An International Journal*. 14,1(January 1998):63-72.

Brester, Gary W., and Michael K. Wohlgenant. "Impacts of the GATT/Uruguay Round Trade Negotiations on U.S. Beef and Cattle Prices." *Journal of Agricultural and Resource Economics*. 22(July 1997):145-156.

Tucker, Brenda, and Gary W. Brester. "Koch Agriculture Company's Domestic Milling Decisions: The Western Kansas Flour Mill Project." *Review of Agricultural Economics*. 19,2(Fall/Winter 1997):463-474.

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Kastens, Terry L., and Gary W. Brester. "Model Selection and Forecasting Ability of Theory-Constrained Food Demand Systems." *American Journal of Agricultural Economics*. 78(May 1996):301-312

Brester, Gary W., Arlo Biere, and Justin Armbrister. "Marketing Identity Preserved Grain Products: The Case of the American White Wheat Producers Association." *Agribusiness: An International Journal*. 12(May/June 1996):301-308.

Brester, Gary W. "Estimation of the U.S. Import Demand Elasticity for Beef: The Importance of Disaggregation." *Review of Agricultural Economics*. 18(January 1996):31-42.

Brester, Gary W., and Ted C. Schroeder. "The Impacts of Brand and Generic Advertising on Meat Demand." *American Journal of Agricultural Economics*. 77(November 1995):969-979.

Brester, Gary W., and Douglas C. Musick. "The Effect of Market Concentration on Lamb Marketing Margins." *Journal of Agricultural and Applied Economics*. 27(July 1995):172-183.

Goodwin, Barry K., and Gary W. Brester. "Structural Change in Factor Demand Relationships in the U.S. Food and Kindred Products Industry." *American Journal of Agricultural Economics*. 77(February 1995):69-79.

Brester, Gary W., Pascale Lhermite, Barry K. Goodwin, and Melvin C. Hunt. "Quantifying the Effects of New Product Development: The Case of Low-Fat Ground Beef." *Journal of Agricultural and Resource Economics*. 18(December 1993):238-249.

Brester, Gary W., and Barry K. Goodwin. "Vertical and Horizontal Price Linkages and Market Concentration in the U.S. Wheat Milling Industry." *Review of Agricultural Economics*. 15(September 1993):511-523.

Brester, Gary W., and Michael K. Wohlgenant. "Correcting for Measurement Error in Food Consumption Data." *The Review of Economics and Statistics*. 75(May 1993):352-356.

Brester, Gary W., and Michael K. Wohlgenant. "Estimating Interrelated Demands for Meat Using New Measures for Ground and Table Cut Beef." *American Journal of Agricultural Economics*. 73(November 1991):1182-1194.

Marsh, John M., and Gary W. Brester. "Intertemporal Price Adjustments in the Beef Market: A Reduced Form Analysis of Weekly Data." *Western Journal of Agricultural Economics*. 14(December 1989):235-245.

Brester, Gary W., and John M. Marsh. "A Statistical Model of the Primary and Derived Market Levels in the U.S. Beef Industry." *Western Journal of Agricultural Economics*. 8(July 1983):34-49.

MANUSCRIPTS IN REVIEW:

Brester, Gary W., Joseph A. Atwood, and Saleem Shaik. "Examining Federal Crop Insurance Income Transfers: Are Producers Managing Risk or Farming Subsidies?" Submitted to *Journal of Agricultural and Applied Economics*. April 2024.

McCullough, Michael, Gary W. Brester, Joseph A. Atwood, and Duncan MacEwan. "Evaluating Proposals to Improve the Safety of Leafy Greens: A 'Non-linear' Equilibrium Displacement Model." Submitted to *Journal of Agricultural and Resource Economics*. March 2024.

BOOKS AND BOOK CHAPTERS

Brester, Gary W., Joseph A. Atwood, and Michael A. Boland. *Equilibrium Displacement Models: Theory, Applications, & Policy Analysis*. Minneapolis, MN: University of Minnesota Libraries Publishing. 2023

Brester, Gary W., and Joseph A. Atwood. "The Impact of Genetic Modification Technologies on Agricultural Productivity: Evidence from a Comparison of U.S. and EU Crop Yields." Chapter 5 in *Agricultural Policy in Disarray*. Vincent H. Smith, Joseph W. Glauber, and Barry K. Goodwin, Eds. American Enterprise Institute, Washington, DC, 2018. pp. 146-166.

Brester, Gary W. "The 2014 Farm Bill and U.S. Sugar Program." Chapter 10 in *The Economic Welfare and Trade Relations Implications of the 2014 Farm Bill*. Vincent H. Smith, Ed. Emerald Publishing Group Limited: Bingley, UK, 2015. pp. 97-106

Boland, Michael A., and Gary W. Brester. "The CHS Animal Nutrition Business Unit." In *Strategic Issues for Global Managers: A Book of Agribusiness Cases in Honor of Professor Ray Goldberg*. Michael A Boland and Ernesto Gallo, Eds. K-State Publishing: Manhattan, KS, 2009.

Brester, Gary W., John M. Marsh, and Ronald L. Plain. "International Red Meat Trade." *Economics of the Red Meat Industry*. Stephen R. Koontz, Guest Editor. The Veterinary Clinics of North America: Food Animal Practice. 19,2(July 2003):403-518.

Brester, Gary W. "CUSTA and U.S./Canadian Beef Trade Issues." Chapter 6 in *Agricultural Trade Under CUSTA*. Won Koo, William Wilson, Eds. North Dakota State University. Nova Science Publishers, Inc.: New York. 2002. pp 119-135.

Brester, Gary W., Dermot Hayes, and Roxanne Clemens. "Negotiating Issues for Beef." Chapter 3 in *2000 WTO Negotiations: Issues for Agriculture in the Northern Plains and Rockies*. Linda Young, James Johnson, and Vincent Smith, eds. Trade Research Center, Montana State University, November 1999.

Anderson, David P., James Mintert, and Gary W. Brester. "The North American Livestock Industry: A U.S. Perspective." In *Economic Harmonization in the Canadian/U.S./ Mexican Grain-Livestock Subsector*. R.M.A. Loyns, Ronald D. Knutson, and Karl Meilke, eds. Texas A&M University and University of Guelph. December 1998. pp 101-124.