

ANTON BEKKERMAN

205 LINFIELD HALL · P.O. BOX 172920 · BOZEMAN, MT 59717-2920

406-994-3032 · ANTON.BEKKERMAN@MONTANA.EDU

<http://www.antonbekkerman.com>

EDUCATION

North Carolina State University, 2009

Raleigh, NC

Doctorate in Economics

- Major specialization in agricultural economics
- Concentrations in econometrics and industrial organization
- Dissertation Title: *An Investigation of Spatial and Temporal Concepts in U.S. Corn and Soybean Markets.*

North Carolina State University, 2007

Raleigh, NC

Masters in Economics

Loyola College in Maryland, 2005

Baltimore, MD

Bachelors of Business Administration, summa cum laude

- Major concentration in Business Economics
- Minors in Computer Science and Mathematical Sciences
- Loyola College Honors Program
- Sellinger Business School Scholars (Honors) Program

PROFESSIONAL EXPERIENCE

2009–Present

Montana State University

Bozeman, MT

Associate Professor, Dept. of Agricultural Economics and Economics, 2015–

Assistant Professor, Dept. of Agricultural Economics and Economics, 2009–2015

- Research (50%), Teaching (40%), Service (10%)

2007–2009

SAS Institute, Inc.

Cary, NC

Technical Student in the Econometrics/Time Series group

- Program JMP scripts to create graphic user interfaces for various SAS/ETS procedures.
- Lead developer: PROC AUTOREG (Released in JMP v8.0.1, summer 2009)
- Other projects: PROC ARIMA; PROC QLIM; PROC PANEL

2007

SAS Institute, Inc.

Cary, NC

Technical Student in the Business Analytics Department at Documentation & Publishing

- Analyzing, interpreting, and writing technical documentation for SAS risk analysis software
- Risk Analysis Software: SAS OpRisk Monitor; SAS VaR; SAS Risk Dimensions; SAS Credit Risk for Banking

PROFESSIONAL AND RESEARCH INTERESTS

- Grain market analyses
- Spatio-temporal analyses of markets, prices, and risks
- Agribusiness and farm management, production economics
- Applied econometrics
- Multidisciplinary research, cropping systems

REFEREED PUBLICATIONS

Agricultural Marketing, Price, and Policy Analysis

1. Bekkerman, A., and H. Tejada. 2017. “Revisiting the Determinants of Futures Contract Success: The Role of Market Participants.” *Agricultural Economics*. **48**:175–185.
2. Bekkerman, A., G. Brester, and M. Taylor. 2016 “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):25-41.
3. Bekkerman, A., E. Belasco, and A. Watson.*;† 2015. “Decoupling Direct Payments: Potential Impacts of the 2014 Farm Bill on Farm Debt.” *Agricultural Finance Review*. **75**(4):434-449 (lead article).

4. Jefferson-Moore, K., A. Bekkerman, N. Piggott, B. Goodwin, S. Palat, and C. Turner. 2015. "Potential check-off benefits to farmers in the presence of wind-borne diseases." *Journal of Agricultural Extension and Rural Development*. **7**(5):176-177.
5. Bekkerman, A., H. Schweizer, and V. Smith.^{*,†} 2014. "The Impacts of the Canadian Wheat Board Ruling on the North American Malt Barley Markets." *Canadian Journal of Agricultural Economics*. **62**(4):619–645.
6. Bekkerman, A. 2013. "The Changing Landscape of Northern Great Plains Wheat Markets." *Choices*. **28**(2).
7. Bekkerman, A., G. W. Brester and T. J. McDonald.[†] 2013. "A Semi-Parametric Approach to Analyzing Quality-Differentiated Agricultural Markets." *Journal of Agricultural and Applied Economics*. **45**(1):79–94.
8. Bekkerman, A., B. K. Goodwin, and N. E. Piggott. 2013. "A Variable Threshold Band Approach to Measuring Market Linkages." *Applied Economics*. **45**(19): 2705–2714.
9. Bekkerman, A., N. E. Piggott, B. K. Goodwin, and K. Jefferson-Moore. 2012. "A Market-Based Mitigation Program for Wind-Borne Diseases" *Agricultural and Resource Economic Review*. **41**(2):175–188.
10. Bekkerman, A., V. H. Smith, M. Watts.* 2012. "The SURE Program and Incentives for Crop Insurance Participation: A Theoretical and Empirical Analysis." *Agricultural Finance Review*. **72**(3):381–401.
11. Bekkerman, A. 2011. "Time-Varying Hedge Ratios in Linked Agricultural Markets." *Agricultural Finance Review*. **71**(2):179–200.
12. McDonald, T., G. Brester, A. Bekkerman, and J. Patterson.[†] 2010. "Case Study: Searching for the Ultimate Cow: The Economic Value of Residual Feed." *Professional Animal Scientist*. **26**(6):655–660.
13. Bekkerman, A., B. K. Goodwin, and N. E. Piggott. 2008. "Spatio-Temporal Risk and Severity Analysis of Soybean Rust in the U.S." *Journal of Agricultural and Resource Economics*. **33**(3):311–331 (lead article).

Cropping Systems

14. John, A., C. Jones, S. Ewing, A. Sigler, A. Bekkerman, and P. Miller.[†] "Fallow Replacement in Dryland Wheat Cropping Systems to Increase Economic Returns and Improve Water Quality in Semi-Arid Central Montana." Forthcoming in *Nutrient Cycling in Agroecosystems*.
15. Chen, C., A. Bekkerman, R. Afshar, K. Neill. 2015. "Intensification of Dryland Cropping System for Bio-feedstock Production: Evaluation of Agronomic and Economic Benefits of *Camelina sativa*." *Industrial Crops and Products*. **71**(September):114–121.

16. Miller, P., A. Bekkerman, C. Jones, M. Burgess, J. Holmes, and R. Engel. 2015. "Pea in Rotation with Wheat Reduced Uncertainty of Economic Returns in Southwest Montana." *Agronomy Journal*. **107**(2):541–550.
17. Burgess, M., P. Miller, C. Jones, and A. Bekkerman.[†] 2014. "Tillage of Cover Crops Affects Soil Water, Nitrogen, and Wheat Yield Components." *Agronomy Journal*. **106**(4):1497–1508.
18. Chen, C., K. Neill, M. Burgess, and A. Bekkerman.[†] 2012. "Agronomic Benefit and Economic Potential of Introducing Fall-Seeded Pea and Lentil into Conventional Wheat-Based Crop Rotations." *Agronomy Journal*. **104**(2):215–224.

Economics of Information & Education

19. Bekkerman, A., and G. Gilpin. 2016. "Crime and Punishment: The Role of Student Body Characteristics in Schools' Disciplinary Behaviors." *Applied Economics*. **48**(15):1402–1415.
20. Bekkerman, A., and G. Gilpin.* 2015. "On Understanding Inconsistent Disciplinary Behavior in Schools." *Applied Economics Letters*. **22**(10):772–776.
21. Bekkerman, A. 2015. "The Role of Simulations in Econometrics in Pedagogy." *WIREs Computational Statistics*. **7**(March/April):160–165.
22. Bekkerman, A., and G. Gilpin.* 2014. "Can Equitable Punishment be Mandated? Estimating Impacts of Sentencing Guidelines on Disciplinary Disparities." *International Review of Law and Economics*. **40**(3):51–61.
23. Bekkerman, A., and J. Morgan.*[†] 2014. "Coal Power Plant Emission Exposure and Its Effect on Education Access." *Journal of Public Health*. **22**(4):313–321.
24. Bekkerman, A., and G. Gilpin.* 2013. "High-Speed Internet Growth and the Demand for Locally Accessible Information Content." *Journal of Urban Economics*. **77**:1–10 (lead article).
25. Gilpin, G., and A. Bekkerman.* 2012. "Cost-Effective Hiring in U.S. High Schools: Estimating Optimal Teacher Quantity and Quality Decisions." *Applied Economics Letters*. **19**(14):1421–1424.

Note: * indicates that lead authorship is shared and [†] is work with former students.

OTHER PUBLICATIONS

- Ehmke, M., C. Jones-Ritten, B. Patalee, A. Bekkerman, K. Curtis, and C. Ehmke. “How Sweet Are Beekeeper Returns from Almond Pollination and Honey Production?” *Forthcoming in the International Farm Management Congress proceedings.*
- Bekkerman, A. “Data-Driven Innovation: An Integrated Public-Private R&D Framework for the 21st Century.” In proceedings, Grain Elevators and Processors Society Exchange, March 2017.
- Fulbright, J., K. Wanner, A. Bekkerman, D. Weaver. Wheat Stem Sawfly Biology. Montana State University Extension, MontGuide (MT201107AG), March 2017.
- Miller, P., C. Jones, A. Bekkerman, J. Holmes. [Short-term \(2-yr\) Effects of Crop Rotations and Nitrogen Rates on Winter Wheat Yield, Protein and Economics in North Central Montana.](#) Montana State University Extension, Fertilizer Facts (No. 68), January 2015.
- Bekkerman, A. [“Economic Impacts of the Wheat Stem Sawfly and an Assessment of Risk Management Strategies.”](#) A report to the Montana Grains Foundation, Great Falls, MT, January 2014.
- Bekkerman, A., and G. Gilpin. [“Understanding Cost-Effective Strategies for Increasing Technology and Internet Access in Montana Public Libraries.”](#) A report to the Montana State Library, Helena, MT, August 2012.
- Watts, M. J., and A. Bekkerman. [“Agricultural Disaster Aid Programs: A SURE Invitation to Wasteful Spending.”](#) American Boondoggle: Fixing the 2012 Farm Bill, AEI, Washington, DC, July 2011.

WORKING PAPERS

Agricultural Marketing, Price, and Policy Analysis

- Bekkerman, A., and M. Taylor. “Competing for Wheat in the Great Plains: Spatial Variation of Basis Across Elevator Types.” Submitted for review.
- Brester, G., A. Bekkerman, and G. Tonsor. “Separating Changes in Demand from Changes in Quantity Demanded: Untangling a Gordian Knot with Demand Indices.” Submitted for review.
- Bekkerman, A., and G. Brester. “The Price of (Cheap) Romance: A Salience Model of Consumer Choice under Quality Uncertainty.” Submitted for review.
- Bekkerman, A., and D. Weaver. “Modeling Joint Dependence of Invasive Pests: The Case of the Wheat Stem Sawfly.” In preparation for submission.
- Bekkerman, A., and S. Mumford. “Tax Policy Impacts on Crafting the U.S. Craft

Brewery Market.” Working paper.

- Bekkerman, A., and D. Grubb. “Quality Forecasting: Predicting When and How Much Markets Value Higher Protein Wheat.” Work in progress.
- Bekkerman, A., and G. Brester. “Does Natural Gas Regulation Constrain Fertilizer Markets? Analysis of the Fracking Boom on U.S. Fertilizer Prices.” Work in progress.

Cropping Systems

- Lawrence, P., B. Maxwell, L. Rew, C. Ellis, and A. Bekkerman. “Vulnerability of Dryland Agricultural Regimes to Economic and Climatic Change.” In preparation for submission.

Economics of Information & Education

- Bekkerman, A., and G. Gilpin. “Out of School, Out of Mind? An Analysis on Public Library Use and School Calendars.” Submitted for review.
- Bekkerman, A., and J. Madariaga. “Trade Barriers, Domestic Distortions, and the Relative Price of Equipment.” In preparation for submission.

PRESENTED PAPERS AND POSTERS

- NC-213 Conference on Marketing and Delivery of Quality Grains and BioProcess Coproducts, Kansas City, KS, February, 2017.
- NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 2016.
- NC-213 Conference on Marketing and Delivery of Quality Grains and BioProcess Coproducts, Austin, TX, March, 2016.
- American Agricultural Economics Association (AAEA) Annual Meeting, San Francisco, CA, July 2015.
- Agricultural economics seminar series at Kansas State University, Manhattan, KS, July 2014.
- Western Agricultural Economics Association (WAEA) Annual Meeting, Colorado Springs, CO, June 2014.
- NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 2014.
- International Wheat Stem Sawfly Conference, Bozeman, MT, April 3–4, 2014.
- Australian Agricultural and Resource Economics Society (AARES) Annual Meeting, Port Macquarie, Australia, February 2014.

- Western Users of SAS Software (WUSS) Conference, Las Vegas, NV, November 2013.
- Economics seminar series at Montana State University. Bozeman, MT, September 2013.
- NAREA Workshop on Beverage Marketing and Policy Issues, Ithaca, NY, June 2013.
- NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 2013.
- Economics seminar series at Loyola University in Maryland, Baltimore, MD, October 2012.
- Invited speaker. Western Users of SAS Software (WUSS) Conference, Long Beach, CA, September 2012.
- American Agricultural Economics Association (AAEA) Annual Meeting, Seattle, WA, August 2012.
- Symposium organizer. Western Agricultural Economics Association (WAEA) Annual Meetings, Park City, UT, June 2012.
- NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 2012.
- Western Agricultural Economics Association (WAEA) Annual Meeting, Banff, AB, June 2011.
- NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 2011.
- Economics seminar series at Montana State University, Bozeman, MT, October 2010.
- American Agricultural Economics Association (AAEA) Annual Meeting, Denver, CO, July 2010.
- Economics seminar series at Montana State University, Bozeman, MT, June 2010.
- Seminar series at Economic Research Service (USDA), Washington, DC, April 2010.
- Australian Agricultural and Resource Economics Society (AARES) Annual Meeting, Adelaide, Australia, February 2010.
- Economics seminar series at Montana State University, Bozeman, MT, November 2009.
- American Agricultural Economics Association (AAEA) Annual Meeting, Milwaukee, WI, July 2009. *Finalist for Best Poster.*
- Agricultural Economics seminar series at North Carolina State University, Raleigh, NC, April 2009.
- USDA-ERS Program of Research on the Economics of Invasive Species Management (PREISM) Conference, Washington, DC, October 2008.
- American Agricultural Economics Association (AAEA) Annual Meeting, Orlando, FL,

July 2008.

- Agricultural Economics seminar series at North Carolina State University, Raleigh, NC, April 2008.
- SCC-76: Economics and Management of Risk in Agriculture and Natural Resources, Gulf Shores, AL, March 2008.
- American Agricultural Economics Association (AAEA) Annual Meeting, Portland, OR, July 2007.

GRANT ACTIVITY

- Bekkerman, A. “A Fertilizer Price Prediction Tool for the Northern Great Plains.” Montana Fertilizer Assessment Funds. \$15,700. 2017–2018. Project director.
- Bekkerman, A. “The Power of New Perspectives: Multidisciplinary Teaching Squares as an Instructional Development Tool.” Montana State University Instructional Innovation Grant. \$2,000. 2016–2017. Project director.
- Bekkerman, A. “Understanding State-level Impacts of the Emerging Pulse Crop Industry in Montana.” Montana Research Enhancement and Development Initiative. \$55,588. 2015–2016. Principle investigator. (Work is part of the project, “Increasing Profitability by Improving Efficiency of Montana’s Farm and Ranch Lands,” \$2,276,734).
- Bekkerman, A. (PI), with K. Fuller. “Improving Accuracy and Access to Crop Production Economics Decision Tools for Montana Grains Producers.” Montana Wheat and Barley Committee. \$16,187. 2015–2016. Principle investigator, with K. Fuller.
- “Connecting Agribusiness Managers with Students: Investing in Interactive Video Communication Technology.” College of Agriculture, Montana State University. \$7,500. 2015. Project director.
- Faculty Enhancement Grant. Montana State University. \$2,112. 2014–2015. Project director.
- “Economic Impacts of the Wheat Stem Sawfly and an Assessment of Risk Management Strategies.” Montana Grains Foundation. \$43,798. 2013–2014. Principle investigator.
- “Enhancing the Economic Viability of Camelina as a Bio-Feedstock: Optimization and Demonstration of the Production System and Bioproduct Development.” Biomass Research and Development Initiative (NIFA-USDA). \$5.08 million (MSU subcontract from Kansas State University of \$778,047). 2013-2016. Co-PI, with Chengci Chen.
- “Targeted Grazing to Reduce Tillage in Organic Dryland Systems: Environmental, Ecological, and Economic Assessment of Reintegrating Animal and Crop Production.” Organic Research and Extension Initiative (NIFA-USDA). \$978,794. 2012–2016. Co-

PI, with F. Menalled et al.

- “Integration of Sheep into Dryland Organic Farming. Systems Level Evaluation of Impact of Targeted Grazing on Pest Management, Environmental Stewardship, Food Safety, and Economic Returns.” Organic Transition Grant (NIFA-USDA). \$742,907. 2011–2015. Co-PI, with P. Hatfield et al.
- “Integrated Management of Cereal Viruses.” Pest Management Alternatives Program (NIFA-USDA). \$213,658. 2012–2015. Co-PI, with M. Burrows et al.
- “The Changing Economics of Public Libraries: Understanding the Effects of Increasing Internet Access and Improving Libraries’ Effectiveness as Information Providers.” Institute of Museum and Library Science (IMLS). \$87,331. 2012–2015. Principle investigator, with G. Gilpin.
- Faculty Development Award. Montana State University. \$4,000. 2012–2013.
- “Diversified Cropping Systems: High and Low Input Strategies.” \$15,000. 2012–2013. Co-PI, with P. Miller et al.
- Research Enhancement Award. Montana State University College of Letters and Sciences. \$1,705. 2012.
- “Understanding Cost-Effective Strategies for Increasing Internet Access in Montana Public Libraries.” Montana State Library. \$60,000. 2012. Principle investigator, with G. Gilpin.
- “Identifying the Factors and Interactions that Drive Agroecosystems Over Sustainability Thresholds.” EPSCoR. \$6,594. 2012. Co-PI, with B. Maxwell et al.
- Faculty Development Award. Montana State University. \$4,604. 2011–2012.
- “The Power of Knowledge: Reducing Informational Barriers for Montana, Idaho, and Washington Wheat Producers.” Federal-State Marketing Initiative Program (AMS-USDA). \$79,601. 2010–2012. Principle investigator, with G. Brester and M. Taylor.
- “Energetic, Economic, and Ecosystem Value of Annual Legumes in Semiarid Wheat-based Agroecosystems.” CSREES-USDA. \$59,823. 2010–2012. Co-PI, with P. Miller et al.
- Research Enhancement Award. Montana State University College of Letters and Sciences. \$2,156. 2011.
- “Agriculture in an Emerging Economy.” Montana Wheat and Barley Committee. \$10,000. 2010–2011. Project director.

Total funds associated with all grant activities: \$3,139,517.

Total funds associated with grant activities as principle investigator: \$385,082

TEACHING EXPERIENCE

- Economics of Agricultural Marketing (AGBE 321)
- Managerial Economics (ECNS 309)
- Research methods (ECNS 569)
- Agriculture in a Global Context (AGBE 315)
- Econometrics I (ECNS 561)
- Principles of Macroeconomics (ECNS 202)

TEACHING DEVELOPMENT

- Higher Order Thinking and Critical Thinking: Research-Based Principles Online Teaching and Learning. MSU Center for Faculty Excellence Program. Bozeman, MT. April 2016.
- Session organizer and presenter: “Integrative learning in higher education.” American Agricultural Economics Association (AAEA) Annual Meeting, San Francisco, CA, July 2015.
- North American Colleges and Teachers of Agriculture Annual Meetings. Bozeman, MT. June 2014.
- Integrative learning course redesign workshop (6 sessions). MSU Teaching and Learning. March–May 2014.
- North American Colleges and Teachers of Agriculture Annual Meetings. Blacksburg, VA. June 2013.
- Effective use of mobile devices in the classroom. MSU Teaching and Learning Faculty Workshop. March 2013.
- Faculty pedagogical development series. MSU Teaching and Learning. October–November 2012.
- Web 2.0 tools. MSU Teaching and Learning Faculty Workshop. February 2012.
- Using brain-based techniques to promote student engagement in the classroom. MSU Teaching and Learning Faculty Workshop. January 2012.
- Advanced Interactive Methods in Economics. American Economic Association Continuing Education in Economics. Chicago, IL. January 2012.
- Developing Public Outreach Strategies for Your Grant Proposal. MSU Teaching and Learning Faculty Workshop. December 2011.
- American Economic Association Conference on Teaching Economics and Research in Economic Education. Palo Alto, CA. June 2011.

- Small Group Instructional Diagnosis (SGID). Montana State University. November 2010.

OUTREACH AND SERVICE

- Regular contributor to the [AgEconMT](#) blog and podcast series. (37 contributions since August 2016).
- “A Researcher and a Podcast Walk Into a Bar: What Could Possibly Go Wrong?” 2017 NC-213 Annual Meetings, Kansas City, KS, March 1, 2017.
- “Data-Driven Innovation: An Integrated Public-Private R&D Framework for the 21st Century.” 2017 Grain Elevators and Processors Society Annual Conference, Kansas City, KS, February 28, 2017.
- “Management Strategies for the Good and Not-so-good Times.” 2017 Malt Barley and Sugarbeet Symposium, Billings, MT, January 10, 2017.
- “[All Roads Lead to Supply and Demand.](#)” Montana Seed Growers Association Annual Conference, Bozeman, MT, December 7, 2016.
- “[Cost of Production: A Brief Overview.](#)” Montana Grain Growers Association Annual Conference, Great Falls, MT, December 1, 2016.
- “[Montana’s Emerging Pulse Industry: Economic Opportunities and Infrastructure Challenges.](#)” MSU Ag Appreciation Weekend Annual Conference, Bozeman, MT, November 11, 2016.
- “[Ag R&D Investment: A Consistently Value-Adding Venture.](#)” MSU College of Agricultural Summit, Bozeman, MT, November 10, 2016.
- “Uses of ARMS and Agricultural Census Data.” Montana Agricultural Statistics Service, Bozeman, MT, February 19, 2016.
- “[The Future of Ag Research: Producers as Drivers of Knowledge.](#)” Yellowstone Watershed Sustainability Project, Billings, MT, February 17, 2016.
- “[Costs of Production: A Quick Guide.](#)” MT Northwestern Agricultural Research Center 2016 Crop Production Update Conference, Kalispell, MT, February 4, 2016.
- “[Montana’s Role in Domestic and Global Agricultural Markets.](#)” REAL Montana, Great Falls, MT, January 14, 2016.
- Bozeman Public Library bookmobile planning committee. August 2015–.
- “[Marketing Outlook 2015.](#)” Montana Farm Bureau Association, Council of Presidents Meeting, Helena, MT, February 2015.
- “[Connecting the Dots with Integrative Learning: Mapping the Terrain.](#)” Faculty Excellence Workshop (Center for Faculty Excellence), Montana State University,

January 2015.

- “Pricing and Value: Decisions to Protect Profitability.” Zoetis Animal Health, Chico, MT, January 2015.
- “Tools for Marketing Organic Products in Montana.” Montana Organic Growers Association, Great Falls, MT, December 2014.
- “Can Pigs Fly? Myth Busting with Economists.” Montana FFA John Deere Ag Expo, Bozeman, MT, November 2014.
- “You’ve Got Data, Now Use It: Innovative Methods for Better Understanding Public Library Use.” Montana Library Association, Billings, MT, April 2014.
- “Economic Impacts of the Wheat Stem Sawfly and an Assessment of Risk Management Strategies.” Montana Grain Growers Association, Great Falls, MT, December 2013.
- “The Economics of the Wheat Stem Sawfly.” MSU Ag Appreciation Weekend, Bozeman, MT, October 2013.
- “Risky Business: Managing Agricultural Market Risks.” Young Agricultural Leadership Conference, Fairmont, MT, October 2013.
- “Economics of Camelina Markets.” Field Day at the Montana Central Ag Research Center, Moccasin, MT, July 2013.
- Wheatbasis.montana.edu Wheat basis forecast and information web-tool. Launched February 2013.
- “Uses of ARMS and Agricultural Census Data.” Montana Agricultural Statistics Service, Bozeman, MT, February 2013.
- “Changing Landscape of Northern Great Plains Markets.” Montana Agribusiness Association, Great Falls, MT, January 2013.
- “Improving Wheat Marketing.” Montana Grain Growers Association, Great Falls, MT, December 2012.
- “Acres and Elevators: Changes in the Conservation Reserve Program and the Grain Marketing Landscape.” Ag Appreciation Weekend, Bozeman, MT, October 2012.
- “Increasing High-speed Internet Access in Public Libraries.” Montana State Library Summer Institute, Helena, MT, June 2012.
- “Price Volatility in Commodity Markets.” MSU Ag Appreciation Weekend, Bozeman, MT, October 2011.
- Invited discussant, Young Agricultural Leadership Conference, Lewistown, MT, October 2011.
- Led international experience trip for AGEC 315 students to Ukraine. May 2011.
- “Risk Management Tools.” MSU extension presentations, Ronan, MT; Townsend, MT;

Big Timber, MT, Spring 2011.

- “Soybean Rust: A Real Threat.” Grain marketing workshop at the Vernon James Research and Extension Center, Plymouth, NC, January 2008.

PROFESSIONAL ACTIVITY

Leadership Positions and Development

- Lead and developer, AgEconMT.com outreach project and website, 2016–present.
- Chair-elect, NC-213 Multistate Regional Committee on Marketing and Delivery of Quality Grains and BioProcess Coproducts, 2017–2018.
- Co-chair, NCCC-134 Multistate Regional Committee on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, 2015–present.
- Secretary, NC-213 Multistate Regional Committee on Marketing and Delivery of Quality Grains and BioProcess Coproducts, 2016–2017.
- Guest co-editor *Journal of Agribusiness* special issue, 2016–2017.
- Developing Excellence in Academic Leadership (DEAL): leadership training for individuals in academic positions. 2015–2016.
- President, North American Branch AARES, 2012–14.
- Secretary/Treasurer, Food and Agricultural Marketing and Policy Section (AAEA), 2011–13.
- Secretary, Western Agricultural Economics Association, 2011–12.
- Secretary/Treasurer, North American Branch AARES, 2010–12.
- Council member, Western Agricultural Economics Association, 2010–12

Committee Work

- Montana Agricultural Land Valuation Advisory Council, MT Department of Revenue, 2016–.
- External reviewer, Academic programs in the Applied Economics Department, Utah State University. 2017.
- WAEA Outstanding Publication selection committee member, 2016.
- WAEA Distinguished Scholars selection committee member, 2011, 2012, 2015, 2016.
- AARES award selection committee, 2012–14.

Reviewer and Moderator Activity

- Reviewer for selected papers (Demand and Price Analysis, Econometrics, Teaching and Learning), AAEA Annual Meeting, July 2017.
- Section leader for selected papers (Marketing and Price Analysis), WAEA Annual Meeting, June 2017.
- Reviewer for selected papers (Demand and Price Analysis, Econometrics), AAEA Annual Meeting, July 2016.
- Reviewer for selected papers, WAEA Annual Meeting, June 2016.
- Reviewer for selected papers (Demand and Price Analysis, Risk and Uncertainty), AAEA Annual Meeting, July 2015.
- Moderator at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 2015.
- Moderator at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 21-22, 2014.
- Grant reviewer for the USDA Federal-State Marketing Initiative Program, July 2013.
- Section leader for the Western Users of SAS Software Annual Meeting, November 2013.
- Moderator at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 21-22, 2013.
- Reviewer for selected papers (Demand and Price Analysis), AAEA Annual Meeting, August 2013.
- Section leader and selected paper organizer for Risk and Uncertainty section, AAEA Annual Meeting, August 2013.
- Moderator for selected papers session (Risk & Uncertainty), AAEA Annual Meeting, August 2012.
- Section leader and selected paper organizer for Risk and Uncertainty section, AAEA Annual Meeting, August 2012.
- Reviewer for selected papers (Demand and Price Analysis; Risk and Uncertainty; Food and Agricultural Marketing; Research Methods and Econometrics), AAEA Annual Meeting, July 2011.
- Case Study Competition Judge, AAEA Annual Meeting, July 2010.
- Reviewer for selected papers (Demand and Price Analysis; Risk and Uncertainty), AAEA Annual Meetings, July 2010.
- Reviewer for selected papers, WAEA Summer Meeting, June 2010.
- Invited discussant, Program of Research on the Economics of Invasive Species Management (PREISM) Conference, Washington, DC, October 2009.

- Reviewer for selected papers (Demand and Price Analysis), AAEA Annual Meeting, July 2009.
- Moderator for selected papers session (Food & Agricultural Marketing), AAEA Annual Meeting, July 2009.
- Reviewer for:
 - *Agricultural and Resource Economics Review*.
 - *Agricultural Economics*.
 - *Agricultural Finance Review*
 - *Applied Economic Perspectives and Policy*.
 - *American Journal of Agricultural Economics*.
 - *Asia-Pacific Journal of Risk and Insurance*.
 - *Canadian Journal of Agricultural Economics*.
 - *Canadian Journal of Plant Science*.
 - *China Agricultural Economics Review*.
 - *Choices*.
 - *Food Policy*.
 - *Journal of Agricultural and Applied Economics*.
 - *Journal of Agricultural and Resource Economics*.
 - *Journal of Food Distribution Research*.
 - *Journal of Natural Resources Policy Research*.
 - *OALib Journal*.

DEPARTMENTAL AND UNIVERSITY SERVICE

- DAEE resident instruction (undergraduate programs) committee, chair. 2016–.
- DAEE department head search committee, member. 2016–.
- MSU University Research Council, member. 2014–.
- DAEE advisory committee, member. 2015–.
- DAEE adjunct instructor search committee, member. 2017.
- DAEE agricultural economics scholarships, chair. 2009–2016.
- DAEE Promotion and Tenure committee, member. 2016.

- DAEE resident instruction (undergraduate teaching) committee, member. 2010–12, 2013–15.
- College of Agriculture scholarship selection committee, member. 2011–2016.
- Collegiate Young Farmers and Ranchers (undergraduate club), faculty adviser. 2011–
- North American Colleges and Teachers of Agriculture (NACTA) Association Annual Meeting 2014 organization committee, member. 2012–14.

Undergraduate Research Adviser:

- Grubb, D. “Forecasting Wheat Protein Premiums in the northern Great Plains.” Spring 2017.
- Holst, V. “Evaluating and Enhancing Modern Outreach Efforts for Agricultural Economics Faculty.” Spring 2017.
- Field, C. “Supply Chain Responses to Pulse Crop Dynamics.” Research project and poster at Montana State University’s Student Research Celebration. April 2016.
- Smith, C. “Economic Potential in Emerging Northwest Wine Production Regions.” Research project and poster at Montana State University’s Student Research Celebration. April 2014.
- Wittmayer, A. “Identifying Relationships with Bull Health: A Data-driven Analysis.” Research project and poster at Montana State University’s Student Research Celebration. April 2012.

Masters Thesis Committees:

- Hintzman, T. “Drivers of Economic Success for Young and Beginning Montana Farmers and Ranchers.” Division of Agricultural Education. Projected completion, Spring 2019.
- Boldbaatar, M. “Valuation of Organic Land Assets.” Projected completion, Summer 2017.
- Simonds, S. “Implications of Rate Determining Parametric Variation and Copula Modeling on the Precision of Multiple Peril Crop Insurance Rates.” July 2015.
- John, A. “Management Approaches for Reducing Nitrate Leaching in the Judith River Basin.” Dept. of Land Resources and Environmental Sciences. July 2015.
- Bunek, G. “Characterizing the Effect of USDA Report Announcements in the Winter Wheat Futures Market Using Realized Volatility.” February 2015.
- Saunders, J. “Enrollment Responsiveness to Changes in Industry Employment Outlook at For-profit and Community Colleges.” Dept. of Agricultural Economics and Economics. December 2012.

- Goulding, K. “Analysis of New York Electric Markets.” Dept. of Agricultural Economics and Economics. January 2012.
- Brown, J. “Market Responses to the 2007 Renewable Fuel Standards Program: A three stage least squares approach.” Dept. of Agricultural Economics and Economics. November 2011.
- McDonald, T. J. “Searching for the Ultimate Cow: The Influence of RFI in the Beef Cattle Industry.” Dept. of Agricultural Economics and Economics. September 2010.

Masters Thesis Chair:

- Mumford, S. “An Empirical Analysis of The Impact of State Excise Taxes on Craft Breweries in the United States.” Dept. of Agricultural Economics and Economics. April 2014.
- Hasenoerhl, A. “Government Subsidies and their Impacts on Farmers’ Financial Stability and Land Concentration.” Co-chair. Dept. of Agricultural Economics and Economics. January 2014.
- Schweizer, H. “Economic Impacts of the Canadian Wheat Board Deregulation on Malt Barley Markets.” Co-chair. Dept. of Agricultural Economics and Economics. April 2013.
- Morgan, J. “Tracking the Little Black ‘Rain’ Clouds: An enviro-economic analysis of ambient air pollution effects on pediatric asthma.” Dept. of Agricultural Economics and Economics. January 2012.

Ph.D. Thesis Committees:

- Lawrence, P. “Integrated Analysis and Optimization of a Dryland Wheat Agroecosystem.” Dept. of Land Resources and Environmental Sciences. May 2016.
- Burgess, M. “Sustainable Cropping Systems for the Northern Great Plains—Energetic and Economic Considerations.” Dept. of Land Resources and Environmental Sciences. April 2012.
- Mulder, D. Department of Chemistry and Biochemistry. Graduate school representative. October 2010.

ACADEMIC AND PROFESSIONAL HONORS

- Fellow in the Center for Regulatory and Applied Economics Policy. 2016–.
- WAEA Outstanding Extension Program Award, for Project (AgEconMT.com). 2017.

- Selected to represent MSU College of Agricultural in 2017/18 LEAD-21 program. 2016–2017.
- Developing Excellence in Academic Leadership Program (Montana State University). 2015–2016.
- Montana State University Certificate of Teaching Enhancement. 2013.
- Western Users of SAS Software (WUSS) Faculty Scholarship Award. 2012.
- AARES Young Professional Heading South Award. 2010.
- Nominated by the Department of Agricultural Economics for the Kenneth Keller Award for the best dissertation at the College of Agricultural and Life Sciences (N.C. State University). 2010.
- Nominated by the Department of Economics (N.C. State University) for the National CGS Distinguished Dissertation Award. 2010.
- Alpha Sigma Nu (Jesuit honor society). 2005.
- Wall Street Journal Student Achievement Award. 2005.
- Beta Gamma Sigma (Business honor society). 2004.
- Omicron Delta Epsilon (Economics honor society). 2004.
- Upsilon Pi Epsilon (Computer science honor society). 2003.

PROFESSIONAL AFFILIATIONS

- American Agricultural Economics Association (AAEA)
- Western Agricultural Economics Association (WAEA)
- Australian Agricultural and Resource Economics Society (AARES)
- North American Colleges and Teachers of Agriculture (NACTA)
- NCCC-134: Applied Commodity Price Analysis, Forecasting, and Market Risk Management
- NC-213: Marketing and Delivery of Quality Grains and BioProcess Coproducts

COMPUTER AND PROGRAMMING SKILLS

- Advanced knowledge of SAS, R, LaTeX, JMP Script
- Working knowledge of JAVA, C++, Unix/Linux, HTML, Perl, JavaScript, MATLAB, SaTScan

LANGUAGES

Fluent in English and Russian.