

FABIO L. MATTOS
(Curriculum Vita – October 2021)

University of Nebraska
Department of Agricultural Economics
303A Filley Hall

(402) 472-1796
fmattos@unl.edu
Lincoln, NE, USA, 68583-0922

EDUCATION

- PhD, Agricultural and Consumer Economics, 2008, University of Illinois at Urbana-Champaign, USA
- M.S., Applied Economics, 2000, University of São Paulo, Brazil
- B.A., Economics, 1992, University of São Paulo, Brazil

RESEARCH INTERESTS

- Risk Management
- Price Analysis and Forecasting
- Commodity Marketing
- Futures and Options Markets
- Decision-Making under Risk
- Behavioral Economics

CURRENT ACADEMIC POSITION

University of Nebraska-Lincoln, USA

Department of Agricultural Economics

Associate professor, 2018–present

Assistant professor, 2013–2018

- Teaching
 - Introduction to Commodity Marketing (AECN 235)
 - Marketing of Agricultural Commodities (AECN 325)
 - Commodity Price Forecasting (AECN 436)
 - Internship in Commodity Marketing (AECN 495D)
 - Agricultural Demand and Price Analysis (AECN 814)
- Service
 - Undergraduate Committee, Department of Agricultural Economics, co-chair.
 - CASNR Advisory Board, College of Agricultural Sciences and Natural Resources, advisor.
 - Commodity Marketing Club, Department of Agricultural Economics, advisor.

PREVIOUS ACADEMIC EXPERIENCE

University of Manitoba, Canada

- Assistant professor, Department of Agribusiness and Agricultural Economics, 2009–2012
- Courses taught
 - Decision Making Under Uncertainty (ABIZ 7300), 2012
 - Price Analysis (ABIZ 4260), 2009–2012
 - Financial Risk Management (ABIZ 3540), 2011–2012
 - Financial Risk Management (ABIZ 0730), 2010
 - Agricultural Economics and Marketing II (ABIZ 0450), 2011-2012

- Service
 - Faculty advisor of the Agribusiness Student Association (ABSA)
 - Seminar Committee (Department of Agribusiness and Agricultural Economics)
 - Discipline Committee (Faculty of Agricultural and Food Sciences)

University of Illinois at Urbana-Champaign, USA

- Lecturer, Commodity Futures and Options (ACE 428), 2006–2008
- Teaching Assistant, Commodity Futures and Options (ACE 428), 2004–2005
- Research Assistant, Office for Futures and Options Research (OFOR), 2002–2008

University of São Paulo, Brazil

- Visiting Lecturer, Agricultural Derivatives (graduate), 2007–2009
- Lecturer, Decision Making and Risk Management (undergraduate), 1999
- Teaching Assistant, Microeconomic Theory (undergraduate and graduate), 1998–2000
- Research Assistant, Economic Research Institute Foundation (FIPE), 1990

Anhembi-Morumbi University, Brazil

- Lecturer, Principles of Economics (undergraduate), 2000

OTHER PROFESSIONAL EXPERIENCE

Tendencias Consultoria Integrada, São Paulo, Brazil

- Economic consultant focusing on sector analysis of agriculture, telecommunications, retail, and automobiles, 1999–2002
- Economic consultant, focusing on financial markets (interest rates and exchange rates), 1996

Brazilian Mercantile and Futures Exchange (BM&F)

- Researcher, 1997

Banco Schain Cury, São Paulo, Brazil

- Investment banker, focusing on futures trading, 1992–1995

DuPont, São Paulo, Brazil

- Intern, Financial Analysis and Accounting, 1991–1992

PUBLICATIONS IN PEER-REVIEWED JOURNALS

- Ismailova, Z., X. Etienne, S. Shakya and F.L. Mattos. “Quantifying the announcement effects in the U.S. lumber futures markets”. *Journal of Forest Economics* 35 (2020).
- Dogan, O., J. Clarke, F.L. Mattos, B. Wang. “A quantitative microbial risk assessment model of *Campylobacter* in broiler chickens: Evaluating processing interventions.” *Food Control* 100 (2019).
- Mattos, F.L. “Corn market: Big changes, new perspectives, and fresh research opportunities” *Journal of Economics and Agribusiness* 16 (2019).
- Andrade, E., F.L. Mattos and R.A.S. Lima. “New Insights on Hedge Ratios in the Presence of Stochastic Transaction Costs.” *Risks* 6, 188 (2018).
- Mattos, F.L. and R. Silveira. “The Expansion of the Brazilian Winter Corn Crop and Its Impact on Price Transmission.” *International Journal of Financial Studies* 6 (2018).
- Silveira, R., L. Maciel, F.L. Mattos, R. Ballini. “Volatility Persistence and Inventory Effect in Grain Futures Markets: Evidence from a Recursive Model”. *Management Journal* 52 (2017): 403-418.
- Capitani, D.H.D. and F.L. Mattos. “Measurement of Commodity Price Risk: An Overview of Brazilian Agricultural Markets”. *Brazilian Journal of Rural Economics and Sociology* 55 (2017): 515-532.

- Silveira, R., F.L. Mattos and S. Saes. “The Reaction of Coffee Futures Prices to Crop Reports”, *Emerging Markets Finance and Trade* 53 (2017): 2361-2376.
- Mattos, F.L. and J. Zinn. “Formation and Adaptation of Reference Prices in Grain Marketing: an Experimental Study”, *Agricultural Economics* 47 (2016): 621-632.
- Mattos, F.L. and R. Silveira. “Futures Price Response to Crop Reports in Grain Markets.” *Journal of Futures Markets* 36 (2016): 923-942.
- Sheppard, S. C., Bittman, S., Donohoe, G., Flaten, D., Wittenberg, K. M., Small, J. A., Berthiaume, R., McAllister, T. A., Beauchemin, K. A., McKinnon, J., Amiro, B. D., MacDonald, D., Mattos, F., Ominski, K. H. “Beef Cattle Husbandry Practices Across Ecoregions of Canada in 2011.” *Canadian Journal of Animal Science* 95 (2015): 1-17.
- Mattos, F.L. and S.A. Fryza. "Do Farmers Exhibit Disposition Effect? Evidence from Grain Markets." *Managerial Finance* 40 (2014): 487-505.
- Mattos, F.L. and S.A. Fryza. “Marketing contracts, overconfidence and timing in the Canadian wheat market.” *Journal of Agricultural and Resource Economics* 37 (2012): 469-484.
- Mattos, F.L. and P. Garcia. “Measuring the Degree to Which Probability Weighting Affects Risk-Taking Behavior in Financial Decisions.” *Journal of Finance and Investment Analysis* 1 (2012): 1-39.
- Mattos, F.L., P. Garcia and J.M.E. Pennings. “Probability Weighting and Loss Aversion in Futures Hedging.” *Journal of Financial Markets* 11 (2008): 433-452
- Mattos, F.L., P. Garcia and C.H. Nelson. “Relaxing Standard Hedging Assumptions in the Presence of Downside Risk.” *Quarterly Review of Economics and Finance* 48 (2008):78-93
- Mattos, F.L. and P. Garcia. “Price Discovery and Risk Transfer in Thinly Traded Markets: Evidence from Brazilian Agricultural Futures Markets.” *Review of Futures Markets* 14 (2006):471-483
- Mattos, F.L. and J.B.S. Ferreira Filho. “Utilização de Contratos Futuros Agropecuários em Carteiras de Investimento: Uma Análise de Viabilidade.” *Revista de Economia e Sociologia Rural*. 41 (2003):9-30

BOOK CHAPTERS

- Mattos, F.L. and P. Garcia. "Psychological Dimensions in Financial Decision Making Under Risk: Loss Aversion and House-Money Effect among Professional Traders." In: *Handbook on Psychology of Decision-Making: New Research*. Karen O. Moore and Nancy P. Gonzalez (Ed.). Nova Science Publishers, 2011.
- Mattos, F.L. and P. Garcia. “Applications of Behavioral Finance to Entrepreneurs and Venture Capitalists: Decision Making under Risk and Uncertainty in Futures and Options Markets.” In: *Advances in Entrepreneurial Finance*. Rassoul Yazdipou (Ed.). Springer, 2010.
- Mattos, F.L. “Probability Weighting in Futures Hedging.” In: *Financial Hedging*. Patrick N. Catlere (Ed.). Nova Science Publishers, 2009.

OTHER PUBLICATIONS

- Mattos, F.L. “The wild side of commodity markets: Hedging in times of high volatility”, University of Nebraska-Lincoln, Cornhusker Economics, May 19, 2021.
- Mattos, F.L. “Pork in the future: The new futures and options contracts on pork cutout.”, University of Nebraska-Lincoln, Cornhusker Economics, October 28, 2020.
- Mattos, F.L. “Can commodity prices be negative? Revisiting the events in the crude oil market in April.” University of Nebraska-Lincoln, Cornhusker Economics, June 17, 2020.
- Mattos, F.L. “Further Thoughts on the Brazilian Grain Market, Its Competitiveness and Its Challenges.” University of Nebraska-Lincoln, Cornhusker Economics, November 20, 2019.

- Mattos, F.L. “Will “Matopiba” Change the Competitive Landscape in the International Grain Market?” University of Nebraska-Lincoln, Cornhusker Economics, June 19, 2019.
- Mattos, F.L. “Do We Need More Futures Contracts in Commodity Markets?” University of Nebraska-Lincoln, Cornhusker Economics, November 28, 2018.
- Mattos, F.L. “Thinking about the Corn Market.” University of Nebraska-Lincoln, Cornhusker Economics, June 20, 2018.
- Mattos, F.L. “Who Is Trading in the Futures Markets and Why It Matters – Part 2.” University of Nebraska-Lincoln, Cornhusker Economics, November 29, 2017.
- Mattos, F.L., K. Cumming and X. Etienne. “Projecting Corn and Soybean Crops: How Accurate Are Crop Forecasts?” University of Nebraska-Lincoln, Cornhusker Economics, June 14, 2017.
- Mattos, F.L. “Who Is Trading in the Futures Markets and Why It Matters – Part 1.” University of Nebraska-Lincoln, Cornhusker Economics, December 14, 2016.
- Mattos, F.L. “Commodity Indices and Futures Markets.” University of Nebraska-Lincoln, Cornhusker Economics, February 10, 2016.
- The Only Thing Constant Is Change: A Brief Overview on How Technology Has Changed Futures Markets – Part II. University of Nebraska-Lincoln, Cornhusker Economics, November 4, 2015.
- The Only Thing Constant Is Change: A Brief Overview on How Technology Has Changed Futures Markets – Part I. University of Nebraska-Lincoln, Cornhusker Economics, October 28, 2015.
- Mattos, F.L. “The Importance of Reference Prices in Decision Making: An Application to Commodity Marketing.” University of Nebraska-Lincoln, Cornhusker Economics, April 29, 2015.
- Mattos, F.L. “Commodity Market Analysis: Combining Fundamentals and Technicals.” University of Nebraska-Lincoln, Cornhusker Economics, November 12, 2014.
- Mattos, F.L. “Stress Tests in Commodity Markets.” University of Nebraska-Lincoln, Cornhusker Economics, March 12, 2014.
- Mattos, F.L. “How Much Money Can We Lose in Grain Markets?” University of Nebraska-Lincoln, Cornhusker Economics, February 12, 2014.
- Mattos, F.L. “More on Commodity Prices, Volatility and Risk: Is the Corn Market Becoming Riskier?” University of Nebraska-Lincoln, Cornhusker Economics, December 11, 2013.
- Mattos, F.L. “Commodity Prices, Volatility and Risk: Is the Soybean Market Becoming Riskier?” University of Nebraska-Lincoln, Cornhusker Economics, December 4, 2013.
- Fryza, S.A. and F.L. Mattos. “Economic Factors Affecting Marketing Performance for Canadian Wheat.” University of Manitoba, Department of Agribusiness & Agricultural Economics Extension Bulletin 1, 2012.

REFEREED CONFERENCE PRESENTATIONS

- Mattos, F.L. and K.M. Knobbe. The behavior of futures price spreads and its information content in grain markets. NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. St Louis, MO, April 20-21, 2020 (paper was accepted for presentation, but conference was canceled because of the pandemic).
- Mendoza, R., F.L. Mattos, A. B. Huebner. “Financial feasibility of safer maize storage technologies for smallholder farmers in developing nations: A case study in Guatemala”. Cereals & Grains 2019 (Cereals & Grains Association Annual Meeting), Denver, CO, November 2019.
- Dogan, O., B. Wang, F.L. Mattos. “Systematic Review and Meta-Analysis on the Effects of Processing Stages and Interventions to Control Campylobacter Contamination in Broiler Chickens”. Annual Meeting of the International Association for Food Protection, Louisville, KY, July 2019.

- Ismailova, Z., S. Shakya, X. Etienne and F.L. Mattos. "Quantifying the Announcement Effect in the U.S. Lumber Market". AAEA Annual Meeting, Washington, D.C., August 2018.
- Ismailova, Z., X. Etienne and F.L. Mattos. "Quantifying the Announcement Effect in the U.S. Lumber Market". NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Minneapolis, MN, April 2018.
- Kaus, T. and F.L. Mattos. "Too much information? How relevant are agricultural reports that provide similar information?" AAEA Annual Meeting, Chicago, IL, July 2017.
- Mattos, F.L., K. Cumming and X. Etienne. "Evaluating Crop Forecast Accuracy for Corn and Soybeans in the US, Brazil, and Argentina". NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2017.
- Etienne, X.L. and F. Mattos. "The Information Content in the Term Structure of Commodity Prices". NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2016.
- Silveira, R. and F. Mattos. "Price and Volatility Transmission in Livestock and Grain Markets: Examining the Effect of Increasing Ethanol Production across Countries." AAEA Annual Meeting, San Francisco, CA, July 2015.
- Capitani, D. and F. Mattos. "Feasibility of New Agricultural Futures Contract: A Study in the Brazilian Rice Market." AAEA Annual Meeting, San Francisco, CA, July 2015.
- Mattos, F.L. and R. Silveira. "The effects of Brazilian second (winter) corn crop on prices seasonality, basis behavior and integration to international market". NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2015.
- Isengildina, O. and F. Mattos. "Precision-Informativeness Tradeoff for Interval Forecast Comparison ". NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2015.
- Mattos, F.L. and S.A. Fryza. "Timing in Commodity Marketing: How Do Producers Decide the "Right" Moment to Price Their Crop?" AAEA Annual Meeting, Minneapolis, MN, July 2014.
- Capitani, D., F.L. Mattos and C. Xavier. "Effectiveness of Marketing Strategies and Risk Measurement in the Sugarcane Industry." AAEA Annual Meeting, Minneapolis, MN, July 2014.
- Mattos, F.L. and K. Brooks. "Marketing Strategies for Grains and Livestock in 1997-2013: Performance Persistence and Risk-Return Tradeoffs." NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2014.
- Brooks, K., F.L. Mattos and K. Schoengold. "How Do Agricultural Futures Prices Respond to New Information about Drought Conditions?" NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2014.
- Capitani, D. and F.L. Mattos. "Price Risk Analysis in the Sugarcane, Sugar and Ethanol Markets." Risk Management Commodity Trading Conference, Sao Paulo, Brazil, November 2013.
- Mattos, F.L. and J. Poirier. "Formation and Adaptation of Reference Prices by Manitoban Grain Farmers: An Experimental Study." AAEA & CAES Joint Annual Meeting, Washington, DC, August 2013.
- Capitani, D. and F.L. Mattos. "Developing New Futures Contract Versus Cross-Hedging: A Study in the Brazilian Rice Market." AAEA & CAES Joint Annual Meeting, Washington, DC, August 2013.
- Mattos, F.L. and S.A. Fryza. "How Do Producers Decide the 'Right' Moment to Price Their Crop? An Investigation in the Canadian Wheat Market." NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2013.
- Mattos, F.L. and S.A. Fryza. "The Effect of Reference Prices, Past Decisions, Previous Performance, and Social Interactions on Marketing Decisions under Uncertainty." Annual Meeting of the Academy of Behavioral Finance & Economics, New York, NY, September 2012.

- Mattos, F.L. and J. Wallace. “An Economic Analysis of Removing the Canadian Wheat Board’s Single Desk Authority and Rail Deregulation in Western Canada.” AAEA Annual Meeting, Seattle, WA, August 2012.
- Capitani, D.H.D. and F.L. Mattos. “Risk measurement in commodities markets: How much price risk do agricultural producers really face?” AAEA Annual Meeting, Seattle, WA, August 2012.
- Mattos, F.L. and D. Brewin. “Is It Price Variability or Risk? Evaluating Risk and Risk Management Strategies in Agriculture Using Different Risk Measures”. NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2012.
- Andrade, E. and F.L. Mattos. “How Does ‘Cost Risk’ Influence Producers’ Decision to Hedge?”. NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2012.
- Silva, R., M.A. Christofolletti and F.L. Mattos. “The Increasing Participation of China in the World Soybean Market and Its Impact on Price Linkages in Futures Markets”. NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2012.
- Capitani, D.H.D, F.L. Mattos and J.G. Martines-Filho. "Risk measures and the feasibility of a rice futures contract in Brazil". Risk Management Commodity Trading Conference, Sao Paulo, Brazil, November 2011.
- Mattos, F.L. and S.A. Fryza. "Do Farmers Exhibit Disposition Effect? Evidence from Grain Markets." Annual Meeting of the Academy of Behavioral Finance & Economics, Los Angeles, CA, September 2011.
- Mattos, F.L. and S.A. Fryza. "Do Farmers Exhibit Disposition Effect? Evidence from Grain Marketing." AAEA & NAREA Joint Annual Meeting, Pittsburgh, PA, July 2011.
- Fryza, S.A. and F.L. Mattos. “Are Canadian Farmers Overconfident?” AAEA & NAREA Joint Annual Meeting, Pittsburgh, PA, July 2011.
- Mattos, F.L. and S.A. Fryza. “The Marketing Performance of Canadian Wheat Farmers.” CAES & WAEA Joint Annual Meeting, Banff, AB, June 2011.
- Mattos, F.L. and P. Garcia. “Changes in Liquidity, Cash Market Activity, and Futures Market Performance: Evidence from Live Cattle Market in Brazil” NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2011.
- Fryza, S.A. and F.L. Mattos. “How Do Canadian Wheat Producers’ Make Marketing Decisions?.” NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2011.
- Mattos, F.L. and Fryza, S.A. “Decision Making Process in Grain Marketing: A Study in the Canadian Market”. Annual Meeting of the Academy of Behavioral Finance & Economics, Chicago, IL, September 2010.
- Mattos, F.L., P. Garcia and F.P. Urso. “Evolving Market Performance in Brazilian Futures Contracts Using Relative Efficiency.” AAEA, CAES, & WAEA Joint Annual Meeting, Denver, CO, July 2010.
- Capitani, D.H.D, L.C. Regazzini and F.L. Mattos. “The Feasibility of a Rice Futures Contract in Brazil.” Annual Meeting of the Brazilian Society of Agricultural Economics and Rural Sociology, Campo Grande, MS, July 2010.
- Fryza, S.A. and F.L. Mattos. “Producers’ Decision Making in Grain Marketing: A Study in the Canadian Market.” NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2010.
- Mattos, F.L. and P. Garcia. “The Effect of Probability Weighting on Financial Decisions.” Behavioral Finance & Economics Research Symposium, Chicago, IL, September 2009.

- Mattos, F.L. and P. Garcia. “The Effect of Prior Gains and Losses on Current Risk-Taking Using Quantile Regression.” NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2009.
- Mattos, F.L., P. Garcia and J.M.E. Pennings. “Dynamic Decision Making in Agricultural Futures and Options Markets.” NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2008.
- Mattos, F.L., P. Garcia and J.M.E. Pennings. “Insights into Trader Behavior: Risk Aversion and Probability Weighting.” NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Chicago, IL, April 2007.
- Mattos, F.L., P. Garcia and J.M.E. Pennings. “Probability distortion and loss aversion in futures hedging.” NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2006.
- Mattos, F.L., P. Garcia and C.H. Nelson. “Relaxing standard hedging assumptions in the presence of downside risk.” NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2005.
- Mattos, F.L. and P. Garcia. “Price discovery in thinly traded markets: cash and futures relationships in Brazilian agricultural futures markets.” NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2004.
- Mattos, F.L., P. Garcia, R. Leuthold and T. Hahn. “The feasibility of a boxed beef futures contract: hedging wholesale beef cuts.” NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St Louis, MO, April 2003.
- Mattos, F.L. and R.G. Borguini. “Analysis of organic food consumption in Brazil.” Annual Meeting of the Brazilian Society of Agricultural Economics and Rural Sociology, Passo Fundo, RS, July 2002.
- Mattos, F.L. and F.S. Perobelli. “Price index numbers in futures markets.” Annual Meeting of the Brazilian Society of Agricultural Economics and Rural Sociology, Recife, PE, July 2001.
- Mattos, F.L. and J.B.S. Ferreira Filho. “The inclusion of agricultural futures contracts in stock portfolios.” Annual Meeting of the Brazilian Society of Agricultural Economics and Rural Sociology, Rio de Janeiro, RJ, July 2000.
- Pizzol, S.J.S., F.L. Mattos and J.G. Martines Filho. “Portfolio theory in the fruit market: an application in the Vera Cruz area.” Annual Meeting of the Brazilian Society of Agricultural Economics and Rural Sociology, Foz do Iguacu, PR, July 1999.

INVITED PRESENTATIONS

- “Futures Markets for Agricultural Commodities”. Department of Animal Nutrition and Production, University of Sao Paulo, March 2021.
- "Commodity Price Analysis and Forecasting" (short course). Department of Economics, Administration and Sociology, University of São Paulo, July 2016.
- “Commodity Price Analysis and Forecasting” (short course). Federal University of Grande Dourados, Brazil, July 2016.
- "Commodity Price Forecasting". Department of Economics, Administration and Sociology, University of São Paulo, June 2015.
- “Commodity Marketing and Brazilian Agriculture.” FuturesOne 2014 Risk Management Summit, Lincoln, Nebraska, December 2014.
- “Formation and Adaptation of Reference Prices in Grain Marketing: An Experimental Study.” Federal University of Sao Carlos, Brazil, July 2013.

- “Decision Models under Risk: Neoclassical Theory and Other Dimensions.” Federal University of Grande Dourados, Brazil, July 2013.
- “Formation and Adaptation of Reference Prices in Grain Marketing: An Experimental Study.” Federal University of Grande Dourados, Brazil, July 2013.
- “The Effect of Reference Prices, Previous Performance, and Social Interactions on Marketing Decisions under Uncertainty.” Department of Agribusiness and Agricultural Economics, University of Manitoba, November 2012.
- "Decision Making Under Uncertainty". Department of Economics, Administration and Sociology, University of São Paulo, August 2011.
- “Behavioral Dimensions of Decision Making in Grain Marketing”. CAES Risk Management Workshop, University of British Columbia, April 2010.
- “Are Farmers Rational? An Investigation on Risk-Taking Behaviour in Agriculture”. Faculty of Agricultural and Food Sciences Seminar Series, University of Manitoba, February 2010.
- “Risk and Uncertainty Research in Applied Economics”. Department of Economics, Administration and Sociology, University of São Paulo, December 2009.
- “Trading Behavior in Futures and Options Markets”. Department of Agribusiness and Agricultural Economics, University of Manitoba, November 2009.
- “The Effect of Prior Profits on Current Risk-Taking”. Department of Food, Agricultural and Resource Economics, University of Guelph, October 2009.

STUDENT ADVISING

University of Nebraska-Lincoln (USA)

- Sagar Dahal (M.S., Agricultural Economics, main advisor). Thesis: in progress.
- Ezequiel Villamil (M.S., Agricultural Economics, main advisor). Thesis: Impacts of Export Tax on the Profitability of Agricultural Commodity Producers.
- Felipe Silva (PhD, Agricultural Economics, committee member). Thesis: Essays on the Relationship between Agricultural Commodities and Deforestation in the Amazon Forest.
- Onay Dogan (Ph.D., Food Science, committee member). Thesis: Implementation of quantitative microbial risk assessment and predictive microbiology methods for food safety assurance applications.
- Katie Cumming (M.S., Agricultural Economics, committee member). Thesis: Examining the capacity of Nebraska rangelands for cattle production and evaluating drought management strategies.
- Rodrigo Mendoza (M.S., Food Science, committee member). Thesis: From Milpas to the Market: A Study on the Use of Metal Silos for Safer and Better Storage of Guatemalan Corn.

University of Manitoba (Canada)

- Stefanie Fryza (M.S., main advisor). Thesis: Producers’ Decision Making Process in Grain Marketing.
- Carol Gunvaldsen (M.S., main advisor). Thesis: An Examination of the Barley Futures Contracts.
- Jamie Poirier (M.S., main advisor). Thesis: The Importance of Reference Prices in Marketing Decisions.
- Janelle Wallace (M.S., main advisor). Thesis: Value of the Canadian Wheat Board in the Grain Supply Chain.
- Carol Gunvaldsen (M.S., main advisor). Thesis: An Examination of the ICE/WCE Barley Futures Market.
- William Gerrard (M.S., committee member). Thesis: Optimal Machinery Use Intensity for a Large Farm in West Central Manitoba.

University of Guelph (Canada)

- Zhige Wu (Ph.D., committee member). Thesis: Price Impacts of Ethanol Production in Ontario.

University of Saskatchewan (Canada)

- Geoffrey Backman (M.S., committee member). Thesis: Use and Adoption of Marketing Methods by western Canadian Producers.

University of São Paulo (Brazil)

- Elisson Andrade (Ph.D., co-advisor). Thesis: Transaction Costs in Futures Hedging.
- Daniel Capitani (Ph.D., co-advisor). Thesis: The Feasibility of a Rice Futures Contract in Brazil.
- Fabio Machado (Ph.D., committee member). Thesis: Fishing, institutions and risk: Fisheries policy in Brazil.
- Marcos Rodrigues (Ph.D., committee member). Thesis: Essays on Efficiency in Agricultural Markets.
- Waldemar Souza (Ph.D., committee member). Thesis: Risk Management for Soybean Producers Using Futures and Options Markets.
- Julio Kairalla (M.S., committee member). Thesis: Risk evaluation and simultaneous hedging of price and currency for coffee producers and exporters in Brazil.

Federal University of Dourados (Brazil)

- Daiane Pereira (M.S., committee member). Thesis: Vulnerability of Coffee Production: An Analysis of Economic Profitability.
- Ana Paula Silva (M.S., committee member). Thesis: Analysis of Price and Competitiveness of Pulp and Paper in Mato Grosso do Sul.

FUNDING

- U.S. Department of Agriculture – Economic Research Service, 2016-2018
 - Project: Review Panel for the ERS Farm Income and Wealth Forecasts (\$60,000)
- Frank E. Mussehl and Inez L. Mussehl Poultry Research Fund, Agricultural Research Division and Nebraska Agricultural Experiment Station, University of Nebraska-Lincoln, 2014-2019
 - Project: Mitigating the Risk of *Campylobacter* spp. in Broiler Chicken Supply Systems Using Quantitative Microbial Risk Assessment and Cost-effectiveness Approaches (\$82,312)
- Structure and Performance of Agriculture and Agri-Products Industry (SPAA) Network, Enabling Research for Competitive Agriculture (ERCA), Agriculture and Agri-Food Canada, 2011–2012
 - Project: Formation and Adaptation of Reference Prices in Grain Marketing: An Experimental Study (\$17,500)
 - Project: Do Farmers Exhibit Disposition Effect?: Evidence from Grain Marketing (\$25,000)
 - Project: Is It Price Variability or Actual Risk? Evaluating Risk and Risk Management Strategies in Agriculture Using Different Risk Measures (\$22,000)
- Emerging Leaders in the Americas Program (ELAP), Canadian Bureau for International Education (CBIE), 2011–2012
 - Project: Trading Behavior in Commodity Futures Markets (\$10,000)
 - Project: Information Asymmetry in Agricultural Futures and Options Markets (\$10,000)
 - Project: Price Linkages in International Grain Markets: The Case of Soybeans (\$10,000)
 - Project: Comparative Analysis of the Beef Chain in Canada and Brazil (\$10,000)
 - Project: Feasibility of a Rice Futures Market in Brazil (\$10,000)
 - Project: Development and Prospects of the Canadian Biofuels Market (\$10,000)

PROFESSIONAL SERVICE

- Editorial Board
 - Brazilian Journal of Rural Economics and Sociology
 - Journal of Economics and Agribusiness (Brazil)
- Reviewer
 - Agricultural Economics
 - Agricultural and Resource Economics Review
 - American Journal of Agricultural Economics
 - Applied Economics
 - Asia Pacific Management Review
 - Borlaug Journal for International Development
 - Brazilian Journal of Rural Economics and Sociology
 - Brazilian Review of Econometrics
 - Canadian Journal of Agricultural Economics
 - China Agricultural Economic Review
 - Eastern Economic Journal
 - Economies
 - Emerging Markets Finance and Trade
 - Energy Economics
 - European Review of Agricultural Economics
 - International Journal of Financial Studies
 - Journal of Agricultural & Food Industrial Organization
 - Journal of Agricultural and Applied Economics
 - Journal of Agricultural and Resource Economics
 - Journal of Agricultural Economics
 - Journal of Agriculture and Rural Development in the Tropics and Subtropics
 - Journal of Futures Markets
 - Journal of Neuroscience, Psychology, and Economics
 - Quarterly Review of Economics and Finance
 - Review of Futures Markets
 - Risk Analysis
 - Agricultural and Applied Economics Association (AAEA) Annual Meetings
 - Canadian Agricultural Economics Society (CAES) Annual Meetings
 - Western Agricultural Economics Association (WAEA) Annual Meetings

HONORS, AWARDS, AND FELLOWSHIPS

- Recognized for Outstanding Teaching, CASNR Week, College of Agricultural Sciences and Natural Resources (CASNR), University of Nebraska, 2019.
- Omtvedt Innovation Award for Teaching, College of Agricultural Sciences and Natural Resources (CASNR), University of Nebraska, 2018.
- Outstanding Teaching Award, Western Agricultural Economics Association (WAEA), 2018.
- College Distinguished Teaching Award, College of Agricultural Sciences and Natural Resources (CASNR), University of Nebraska, 2018.
- Holling Family Award for Teaching Excellence, College of Agricultural Sciences and Natural Resources (CASNR), University of Nebraska, 2018.

- Recognized for Outstanding Teaching, CASNR Week, College of Agricultural Sciences and Natural Resources (CASNR), University of Nebraska, 2018.
- Recognized for Outstanding Teaching, CASNR Week, College of Agricultural Sciences and Natural Resources (CASNR), University of Nebraska, 2017.
- Nomination for Graduate Student Research Award, College of Agricultural, Consumer and Environmental Sciences, University of Illinois at Urbana-Champaign, 2008.
- Outstanding Graduate Student, University of Illinois at Urbana-Champaign, 2006-2007.
- Biester Fellowship, University of Illinois at Urbana-Champaign, 2006, 2007, 2008.
- List of Teachers Ranked as Excellent, University of Illinois at Urbana-Champaign, 2005.
- Best M.S. thesis in agricultural derivatives awarded by the Brazilian Mercantile and Futures Exchange, 2000.

PROFESSIONAL MEMBERSHIPS

- Agricultural and Applied Economics Association (AAEA)
- Western Agricultural Economics Association (WAEA)
- American Economic Association (AEA)

LANGUAGES

- Portuguese: native speaker
- English: fluent
- German and Spanish: basic knowledge