

January 2022

**Olga Isengildina Massa**  
Associate Professor  
Department of Agricultural and Applied Economics  
Virginia Tech University  
321-A Hutcheson Hall (0401)  
250 Drillfield Drive  
Blacksburg, VA 24061  
Phone: 540-231-0891  
Fax: 540-231-7417  
E-mail: oimassa@vt.edu

## EDUCATION

Ph.D., Mississippi State University, 2000, Agricultural Economics, Finance minor  
M.S., Mississippi State University, 1996, Agricultural Economics  
B.A., Tashkent State University, 1993, English Philology

## EXPERIENCE

Virginia Tech University, 2021-present, Professor in the Department of Agricultural and Applied Economics  
Virginia Tech University, 2015-2021, Associate Professor in the Department of Agricultural and Applied Economics  
University of Texas at Arlington, 2012-2015, Associate Clinical Professor in the Department of Economics  
Clemson University, 2012-2013, Associate Professor in the John E. Walker Department of Economics  
Clemson University, 2011-2012, Assistant Professor in the John E. Walker Department of Economics  
Clemson University, 2006-2011, Assistant Professor in the Department of Applied Economics and Statistics  
University of Illinois at Urbana-Champaign, 2001-2006, Visiting Scholar in the Department of Agricultural and Consumer Economics  
University of Georgia, 2000-2001, Post-Doctoral Research Associate in the Department of Agricultural and Applied Economics

## HONORS AND AWARDS

2020 Award for Excellence in Career Advising, Virginia Tech University  
2013 Southern Economics Association Poster Competition, Third Place.  
2012 Journal of Agricultural and Resource Economics, Outstanding Reviewer Award.  
2012 Graduate Teaching Excellence Award, Clemson University College of Business and Behavioral Science.

## RESEARCH PROGRAM ACTIVITIES

**Refereed Journal Publications** (\*=advised graduate student, **bold**=lead author)

1. **Shi, R.\*** and O. Isengildina Massa 2021 “Costs of Futures Hedging in Corn and Soybean Markets.” *Journal of Agricultural and Resource Economics*, in press, ISSN: 1068-5502 (Print); 2327-8285 (Online) doi: 10.22004/ag.econ.313311.
2. **Ramsey, A.F.** and O. Isengildina Massa. 2020 “Evaluation of Learning Outcomes from Participation in a Student-Managed Commodity Investment Fund.” *Applied Economics Teaching Resources*. (in press)
3. **Isengildina-Massa, O.**, B. Karali, S.H. Irwin. 2020. “Can Private Analysts Beat USDA? Analysis of Relative Accuracy of Crop Acreage and Production Forecasts.” *Journal of Agricultural and Applied Economics* 52(4):545-561.
4. **Isengildina Massa, O.**, B. Karali, T. Kuethe and A. Katchova. 2020. “Joint Evaluation of the System of USDA’s Farm Income Forecasts.” *Applied Economic Perspectives and Policy* (<https://doi.org/10.1002/aep.13064>).
5. **Isengildina-Massa, O.**, Cao\*, X., B. Karali, S.H. Irwin, M. Adjemian and R. Johansson. 2020. “When Does USDA Information Have the Most Impact on Crop and Livestock Markets?” *Journal of Commodity Markets* (<https://doi.org/10.1016/j.jcomm.2020.100137>).
6. **Karali, B.**, S.H. Irwin, and Olga Isengildina-Massa. 2020. “Supply Fundamentals and Grain Futures Price Movements.” *American Journal of Agricultural Economics* 102(2):548-568.
7. **Isengildina-Massa, O.** and A.F. Ramsey. 2020. “Student-Managed Commodity Fund. A New Frontier in Experiential Learning.” *Journal of Agricultural and Applied Economics*, 52(1):64-77. doi:10.1017/aae.2019.33.
8. **Karali, B.**, O. Isengildina-Massa, S.H. Irwin, M.K. Adjemian, and R. Johansson. 2019. “Are USDA Reports Still News to Changing Crop Markets?” *Food Policy* 89:66-76.
9. **Karali, B.**, O. Isengildina-Massa and Scott H. Irwin. 2019. “The Changing Role of USDA Inventory Reports in Livestock Markets.” *Journal of Agricultural and Resource Economics* 44(3):591-604).
10. **Isengildina-Massa, O.**, Berna Karali and Scott H. Irwin. 2017. “Do Markets Correct for Smoothing in USDA Crop Production Forecasts? Evidence from Private Analysts and Futures Prices.” *Applied Economic Perspectives and Policy*, 39(4): 559-583.
11. **Zapata\*, S.D.**, O. Isengildina-Massa, C.E. Carpio, and R.D. Lamie. 2016. “Does E-Commerce Help Farmers’ Markets? Measuring the Impact of MarketMaker.” *Journal of Food Distribution Society*, 47(2):1-18.
12. **Xie\*, R.**, O. Isengildina-Massa, J. Sharp, and J. Dwyer. 2016. “The Impact of Public and Semi-Public Information on Cotton Futures Markets.” *Applied Economics*, 48(36):3416-3431.
13. **Xie\*, R.**, O. Isengildina-Massa, and J. Sharp. 2016. “Can Rationality of USDA’s Fixed-Event Crop Forecasts Be Improved?” *Advances in Business and Management Forecasting*, 11:117-146.
14. **Carpio, C.E.**, and O. Isengildina-Massa. 2016. “Does Government Sponsored Advertising Increase Social Welfare? A Theoretical and Empirical Investigation.” *Applied Economic Perspectives and Policy*, 38(2):239-259.
15. **Hughes, D.W.**, and O. Isengildina-Massa. 2015. “Keeping Dollars Home: The Economic Impact of the Farmers’ Markets and the South Carolina Locally Grown Campaign.” *Food Policy*, 24:78-84.
16. **Xie\*, R.**, O. Isengildina-Massa, and C.E. Carpio. 2014. “The Biggest Bang for your Buck: Disentangling the Impacts of Various Components of Government Funded Advertising on Participating Restaurants.” *Journal of Agricultural and Applied Economics*, 46 (2): 193-208.
17. **Zapata\*, S.D.**, C.E. Carpio, O. Isengildina-Massa, and R.D. Lamie. 2013. “Producers’ Willingness to Pay for the Services Provided by an Electronic Trade Platform: The Case of MarketMaker.” *Journal of Agricultural and Resource Economics*, 38(3): 359-378.
18. **Isengildina, O.**, B. Karali, S.H. Irwin. 2013. “When do the USDA Forecasters Make Mistakes?”

- Applied Economics*, 45(36): 5086–5103.
19. **Isengildina, O.**, S.H. Irwin, and D.L. Good. 2013. "Do Big Crops Get Bigger and Small Crops Get Smaller? Further Evidence on Smoothing in USDA Production Forecasts." *Journal of Agricultural and Applied Economics*, 45(1): 95-107.
  20. **Isengildina-Massa, O.** and J.L. Sharp. 2012. "Evaluation of USDA Interval Forecasts Revisited: Asymmetry and Accuracy of Corn, Soybean, and Wheat Prices" *Agribusiness: An International Journal*, 28(3): 310-323.
  21. **Isengildina-Massa, O.**, S. MacDonald and R. Xie\*. 2012. "Comprehensive Evaluation of USDA Cotton Forecasts." *Journal of Agricultural and Resource Economics*, 37(1): 98-113.
  22. **Zapata, S.**, C.E. Carpio, O. Isengildina-Massa and D. Lamie, D. 2011. "Do Internet-Based Promotion Efforts Work? Evaluating MarketMaker." *Journal of Agribusiness*, 29 (1): 159-180.
  23. **Isengildina-Massa, O.**, S.H. Irwin, D.L. Good and L. Massa. 2011. "Empirical Confidence Intervals for WASDE Forecasts of Corn, Soybean, and Wheat Prices." *Applied Economics*, 43: 3789-3803.
  24. **Isengildina, O.**, S.H. Irwin, D.L. Good. 2010. "Quantile Regression Methods of Estimating Confidence Intervals for WASDE Price Forecasts." *Journal of Agricultural and Resource Economics*, 35 (3): 545-567.
  25. **Carpio, C.E.**, and Isengildina, O. 2010. "To Fund or Not to Fund: Assessment of the Potential Impact of a Regional Promotion Campaign." *Journal of Agricultural and Resource Economics*, 35(2): 245-260.
  26. **Carpio, C.E.**, and Isengildina, O. 2009. "Willingness to Pay for Locally Grown Products: The Case of State Grown Products in South Carolina." *Agribusiness: An International Journal*, 25(3): 412-426.
  27. **Isengildina-Massa, O.**, S.H. Irwin, D.L. Good, and J.K. Gomez. 2008. "The Impact of WASDE Reports on Implied Volatility in Corn and Soybean Markets." *Agribusiness: An International Journal*, 24(4):473-490.
  28. **Isengildina-Massa, O.**, S.H. Irwin, D.L. Good, and J.K. Gomez. "The Impact of Situation and Outlook Information in Corn and Soybean Futures Markets: Evidence from WASDE Reports." *Journal of Agricultural and Applied Economics*, 40 (1) (April 2008): 89-104.
  29. **Pennings, J.M.E.**, O. Isengildina-Massa, S.H. Irwin, P. Garcia, D.L. Good. "Producers' Complex Risk Management Choices." *Agribusiness: An International Journal*, 24(1) (Winter 2008):31-54.
  30. **Isengildina, O.**, S.H. Irwin, D.L. Good. "Are Revisions to USDA Crop Production Forecasts Smoothed?" *American Journal of Agricultural Economics*, 88(4) (November 2006):1091-1104.
  31. **Isengildina, O.**, S.H. Irwin, and D.L. Good. "The Value of USDA Situation and Outlook Information in Livestock and Hogs Markets." *Journal of Agricultural and Resource Economics*, 31(2) (August 2006):262-282.
  32. **Isengildina, O.**, J.M.E. Pennings, S.H. Irwin, D.L. Good. "Crop Far30mer's Use of Market Advisory Services." *Journal of International Food and Agribusiness Marketing*, 18(3) (2006):67-86.
  33. **Pennings, J.M.E.**, O. Isengildina, S.H. Irwin, and D.L. Good. "Heterogeneity in the Likelihood of Market Advisory Service Use by U.S. Crop Producers," *Agribusiness: An International Journal* 21(1) (Winter 2005):109-128.
  34. **Pennings, J.M.E.**, O. Isengildina, S.H. Irwin, and D.L. Good. "The Impact of Market Advisory Service Recommendations on Producers' Marketing Decisions." *Journal of Agricultural and Resource Economics* 29(2) (August 2004):308-327.
  35. **Isengildina, O.**, S.H. Irwin, and D.L. Good. "Evaluation of USDA Interval Forecasts of Corn and Soybean Prices." *American Journal of Agricultural Economics* 84(4) (November 2004):990-1004.
  36. **Isengildina, O.**, and M. D. Hudson. "Cotton Producers' Use of Selected Marketing Strategies." *Journal of Cotton Science* 5(2001):206-217.

### **Working Papers**

1. Wang, Y., O. Isengildina Massa, and S. Stewart. 2021. ““Grass-fed beef price premium.” *Agribusiness: The International Journal*, in review.
2. Hassman, C., O. Isengildina-Massa, and S. Stewart. 2021. “Commodity ETF Tracking Performance.” *Journal of Commodity Markets*, in review.
3. Wang, Y., O. Isengildina Massa, and S. Stewart. 2021. ““Impact of Animal Disease Outbreaks on the U.S. Meat Demand.”
4. Poghosyan, A., O. Isengildina-Massa, and S. Stewart. “Futures-Based Forecasts of U.S. Crop Prices.”
5. Mbarushimana, J.C., O. Isengildina Massa, and S. Stewart. “Acreage Response of Principal Crops to Ethanol Expansion.”
6. Wang, Y., O. Isengildina-Massa, A. Murray, S. Greiner, G. Pent, T.B. Wilson and Y. Wang. “Profitability of Forage-Finishing Strategies for Variable Frame Size Cattle.”

### **Other Publications**

1. Isengildina Massa, O., and P. Kayser. “Virginia Grain Markets during the COVID-19 Pandemic.” In AAEC report, ["Impacts of the COVID-19 Pandemic on U.S. and Virginia Farms and Agribusinesses: May 2020"](#).
2. Isengildina-Massa, O. "[What to expect from the next USDA Prospective Plantings Report?](#)" *farmdoc daily* (7):58, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, March 30, 2017.
3. Isengildina-Massa, O. "[What Do Prospective Plantings Tell Us About Planted Acreage?](#)" *farmdoc daily* (6):59, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, March 25, 2016.
4. Carpio, C.E., O. Isengildina-Massa, R. D. Lamie, and S.D. Zapata. “Does E-Commerce Help Agricultural Markets? The Case of MarketMaker.” *Choices*, 4th Quarter 2013.
5. Isengildina-Massa, O., and S. MacDonald. “Forecasting U.S. Cotton Prices in a Changing Market.” *Advances in Business and Management Forecasting* 9(2013):91-113.
6. Zapata, S., D. Lamie, D., C.E. Carpio, and O. Isengildina-Massa. “Evaluating the Impact of an Electronic Food Marketing Network.” Research Update. *Journal of Food Distribution Research*, 41(1) (2010):131.
7. Ward, C.W, A. Flanders, O. Isengildina, and F.C. White. “Efficiency of Alternative Technologies and Cultural Practices for Cotton in Georgia.” *AgBioForum* 5, 1(2002):10-13.

### **Conference Proceedings (Reviewed)**

1. Hassman, C., O. Isengildina-Massa, and S. Stewart. 2021. “A Comprehensive Evaluation of Commodity Tracking Divergence.” Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, April 19-20, 2021.

2. Poghosyan, A., O. Isengildina Massa, and S. Stewart. "Futures-Based Forecast of US Corn Prices." Selected paper presented at the *Agricultural and Applied Economics Association Annual Meeting*, Austin, TX, August 1-3, 2021.
3. Wang, Y., O. Isengildina Massa, and S. Stewart. 2021. "'Grass-fed beef price premium.'" Selected paper presented at the *Agricultural and Applied Economics Association Annual Meeting*, Austin, TX, August 1-3, 2021.
4. Wang, Y., O. Isengildina Massa, and S. Stewart. 2021. "'Impact of Animal Disease Outbreaks on the U.S. Meat Demand.'" Selected paper presented at the *Agricultural and Applied Economics Association Annual Meeting*, Austin, TX, August 1-3, 2021.
5. Karali, B., O. Isengildina Massa and S.H. Irwin. "Fundamentals and Grain Futures Markets." Conference on New Directions in Commodities Research, Denver, Colorado, August 12-13, 2019.
6. Isengildina Massa, O., B. Karali, T. Kuethé and A. Katchova. "Evaluating USDA Forecasts of Farm Sector Accounts." Invited paper presented at the *Agricultural and Applied Economics Association Annual Meeting*, Atlanta, GA, July 21-23, 2019.
7. Isengildina Massa, O., B. Karali and S.H. Irwin. "Relative Accuracy of Crop Acreage and Production Forecasts." Invited paper presented at the *Agricultural and Applied Economics Association Annual Meeting*, Atlanta, GA, July 21-23, 2019.
8. Shi, R. and O. Isengildina Massa. "Double Edged Sword: Liquidity Implications of Futures Hedging." Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Minneapolis, Minnesota, April 15-16, 2019.
9. Karali, B., O. Isengildina Massa and S.H. Irwin. "Fundamentals and Grain Futures Markets." Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Minneapolis, Minnesota, April 15-16, 2019.
10. Isengildina Massa, O., B. Karali, T. Kuethé and A. Katchova. "Sources of Errors in USDA's Net Cash Income Forecasts." Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Minneapolis, Minnesota, April 15-16, 2019.
11. Shi, R. and O. Isengildina Massa. "Double Edged Sword: Liquidity Implications of Futures Hedging." Selected Paper, *Agricultural and Applied Economics Association Annual Meeting*, Washington, DC, August 5-7, 2018.
12. Karali, B., O. Isengildina Massa and S.H. Irwin. "Does Noise in Market Expectations Dilute Price Reactions to USDA Reports? Selected Paper, *Agricultural and Applied Economics Association Annual Meeting*, Washington, DC, August 5-7, 2018.
13. Isengildina Massa, O., B. Karali and S.H. Irwin. "Can Private Analysts Beat USDA? Analysis of Relative Accuracy of Crop Acreage and Production Forecasts." Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Minneapolis, Minnesota, April 16-17, 2018.
14. Neff, T., and O. Isengildina Massa. "How Well Do Commodity Based ETFs Track Underlying Assets?" Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Minneapolis, Minnesota, April 16-17, 2018.

15. B. Karali, O. Isengildina-Massa, S.H. Irwin “Do Livestock Markets Still Need USDA Information?” Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Minneapolis, Minnesota, April 16-17, 2018.
16. Zhu, J. and O. Isengildina-Massa. “Futures-Based Forecasts of U.S. Crop Prices.” Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 24-25, 2017.
17. B. Karali, O. Isengildina-Massa, S.H. Irwin and M. Adjemian. “Changes in Informational Value and Market Reaction to USDA Reports in the Big Data Era.” Selected Paper, *Agricultural and Applied Economics Association Annual Meeting*, Boston, MA, July 31-August 2, 2016.
18. Isengildina-Massa, O., Berna Karali and Scott H. Irwin. “Market Reaction to Inefficiencies in USDA Crop Production Forecasts.” Selected Paper, *Agricultural and Applied Economics Association Annual Meeting*, Boston, MA, July 31-August 2, 2016.
19. Isengildina-Massa, O., B. Karali, S.H. Irwin and M. Adjemian. “The Value of USDA Situation and Outlook Information in the Big Data Era.” Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 18-19, 2016.
20. Isengildina-Massa, O, and F. Mattos. “Precision-Informativeness Tradeoff in Interval Forecast Comparison.” Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 22-21, 2015.
21. Xie, R., O. Isengildina-Massa, and J.L. Sharp. “Quantifying the Public Information Effects on the Cotton Market.” Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 21-22, 2014.
22. Xie, R., O. Isengildina-Massa, and J.L. Sharp. “Are Revisions of USDA’s Commodity Forecasts Efficient?” Selected Paper 2014 Annual Meetings of the *Southern Agricultural Economics Association*, Dallas, TX, February, 2014.
23. Isengildina-Massa, O, and J. Sharp. “Interval Forecast Comparison.” Selected Paper, *Agricultural and Applied Economics Association Annual Meeting*, Washington, DC, 4-6 August, 2013.
24. C. Carpio and O. Isengildina-Massa. “Does Government Sponsored Advertising Increase Social Welfare?” Selected Paper, *Agricultural and Applied Economics Association Annual Meeting*, Washington, DC, 4-6 August, 2013.
25. O. Isengildina-Massa, Zapata, S.D., C.E. Carpio, and R.D. Lamie. “Does E-Commerce Help Farmers’ Markets? Measuring the Impact of MarketMaker.” Selected Poster, *Agricultural and Applied Economics Association Annual Meeting*, Washington, DC, 4-6 August, 2013.
26. Isengildina, O., Xie, R., S. MacDonald and J. Sharp. “Smoothing in USDA Commodity forecasts.” Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 22-23, 2013.
27. Zapata, S.D., C.E. Carpio, O. Isengildina-Massa and R.D. Lamie. "Producers Willingness to Pay for the Services Provided by an Electronic Trade Platform: The Case of MarketMaker." Selected

- Poster 2013 Annual Meetings of the *Southern Agricultural Economics Association*, Orlando, FL, 3-5 February, 2013.
28. Zapata, S.D., C.E. Carpio, O. Isengildina-Massa and R.D. Lamie. "The Economic Impact of an E-Commerce Website", Poster Presentation, *SACNAS National Conference*, Seattle, WA, 10-14 October, 2012.
  29. MacDonald, S. and O. Isengildina-Massa. "Information Rigidity and Correcting Inefficiency in USDA's Commodity Forecasts." 2012 AAEA Annual Meeting, Seattle, Washington, August 12-13, 2012.
  30. Xie, R., Isengildina-Massa, O., and C.E. Carpio. "How do restaurants benefit from a various components of a regional promotion campaign?" 2012 AAEA Annual Meeting, Seattle, Washington, August 12-13, 2012.
  31. Isengildina, O., B. Karali, S.H. Irwin. "When do the USDA forecasters make mistakes?" 2012 AAEA Annual Meeting, Seattle, Washington, August 12-13, 2012.
  32. Fischer, M.J., O. Isengildina-Massa, C.E. Curtis, and K.A. Boys. "Back to the Basics: What Does the Market Tell Us about Basis?" Agricultural & Applied Economics Association's 2011 AAEA & NAREA Joint Annual Meeting, Pittsburgh, Pennsylvania, July 24-26, 2011.
  33. Zapata, S.D., O. Isengildina-Massa, D. Lamie, and C. Carpio. "Do internet-based promotional effort works? Evaluating MarketMaker". Paper presented at the *Western Education/Extension and Research Activities Annual Meeting*, Las Vegas, NV, June 12-14, 2011.
  34. Isengildina-Massa, O., S. MacDonald, and R. Xie. "A Comprehensive Evaluation of USDA Cotton Forecasts." Selected paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 18-19, 2011.
  35. Isengildina-Massa, O., Tysinger, D., Gerard, P., and MacDonald, S. "What Can We Learn from Our Mistakes? Evaluating the Benefits of Correcting Inefficiencies in USDA Cotton Forecasts." Selected Paper presented at the Southern Agricultural Economics Association Meeting, Corpus Christi, TX. February 5-8, 2011.
  36. Isengildina-Massa, O., Sharp, J. L., Zhang, J., and Campbell, W. "Evaluation of Asymmetries in USDA Interval Forecasts of Corn, Soybean and Wheat Prices." AAEA, CAES, & WAEA Joint Annual Meeting. Denver, Colorado, July 25-27, 2010.
  37. S. Zapata, Lamie, R. D., O. Isengildina-Massa, and C. E. Carpio, "Evaluating MarketMaker: Analyzing the Impact of an Electronic Food Marketing Network", Selected Poster 2010 Annual Meetings of the Southern Agricultural Economics Association, Orlando, FL, February 2010.
  38. Zapata, S., D. Lamie, D., O. Isengildina-Massa, C.E. Carpio. "Evaluating the Impact of an Electronic Food Marketing Network." 2009 Conference of the Food Distribution Research Society, Broomfield, Colorado, October 31-November 4, 2009.
  39. Isengildina, O. and S. MacDonald. "Cotton Prices and the World Cotton Market: Forecasting and Structural Change." Selected Paper presented at AAEA 2009 Annual Meetings, Milwaukee, Wisconsin, July 25-29.

40. Carpio, C.E., and Isengildina, O. "Measuring the Potential Economic Impact of a Regional Agricultural Promotion Campaign: The Case of South Carolina." Selected Paper presented at SAEA 2009 Annual Meetings, Atlanta, Georgia, February 2009.
41. Isengildina, O., S.H. Irwin, D.L. Good. "Quantile Regression Methods of Estimating Confidence Intervals for WASDE Price Forecasts." Selected Paper presented at AAEA 2008 Annual Meetings, Orlando, Florida, July 25-29.
42. Carpio, C.E., and Isengildina, O. "Willingness to Pay for Locally Grown Products: The Case of State Grown Products in South Carolina." Selected Paper presented at SAEA 2008 Annual Meetings, Dallas, Texas, February 2008.
43. Carpio, C.E., and Isengildina, O. "Evaluation of the Economic Impact of the SC Agricultural Marketing and Branding Campaign." Selected paper presented at the 47<sup>th</sup> Southern Regional Science Annual Meeting, Arlington, VA-Washington, DC, March 27-30, 2008.
44. D.W. Hughes, D. Eades, K. Robinson, C. Carpio, O. Isengildina, and C. Brown. "What Does Regional Science Have to Say About Local Food Systems? Selected paper presented at the 47<sup>th</sup> Southern Regional Science Annual Meeting, Arlington, VA-Washington, DC, March 27-30, 2008.
45. D.W. Hughes, D. Eades, K. Robinson, C. Carpio, O. Isengildina, and C. Brown. "What is the Deal with Local Food Systems: Or, Local Food Systems from a Regional Science Perspective." North American Regional Science Council Annual Meeting, Savannah, GA, Nov. 7-8, 2007.
46. Olga Isengildina-Massa, S.H. Irwin, and D.L. Good. "Do Big Crops Get Bigger and Small Crops Get Smaller? Further Evidence on Smoothing in USDA Production Forecasts." Paper presented at the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Chicago, Illinois, April 16-17, 2007, available at <http://www.agecon.lib.umn.edu>.
47. Olga Isengildina-Massa, Charles E. Curtis, Jr., William C. Bridges, Jr., and Minhuan Nian. "Accuracy of Implied Volatility Approximations Using "Nearest-to-the-Money" Option Premiums." Selected Paper presented at SAEA 2007 Annual Meetings, Mobile, Alabama, February 2007.
48. Curtis, C.E., O. Isengildina-Massa, and A. Hummel. "Is there a "Right" Time to Buy Options Pre-Harvest?" Selected Paper presented at SAEA 2007 Annual Meetings, Mobile, Alabama, February 2007.
49. Curtis, C.E., O. Isengildina, and A. Hummel. "Is there a "Right" Time to Buy Options Pre-Harvest?" 2007 *Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN.
50. Botto, A.C., Isengildina, O., S.H. Irwin, D.L. Good. "Accuracy Trends and Sources of Forecast Errors in WASDE Balance Sheet Categories for Corn and Soybeans." Selected Paper presented at AAEA 2006 Annual Meetings, Long Beach, California, July 14-17.
51. Isengildina, O., S.H. Irwin, D.L. Good. "Empirical Confidence Intervals for WASDE Forecasts of Corn, Soybean, and Wheat Prices." Paper presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 18-19, 2006, available at <http://www.agecon.lib.umn.edu>.



52. Pennings, J.M.E., O. Isengildina, S.H. Irwin, P. Garcia, J.M. Frank, and W.E. Kuiper. "Bracketing and Producers' Complex Risk Management Decisions." Selected Paper presented at AAEA 2005 Annual Meetings, Providence, Rhode Island, July 24-27.
53. Isengildina, O., S.H. Irwin, D.L. Good. "The Value of USDA Situation and Outlook Information in Hog and Cattle Markets." Paper presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 18-19, 2005, available at <http://www.agecon.lib.umn.edu>.
54. Isengildina, O., S.H. Irwin, D.L. Good. "Does the Market Anticipate Smoothing in USDA Crop Production Forecasts?" Selected Paper presented at AAEA 2004 Annual Meetings, Denver, Colorado, August 4-6, available at <http://www.agecon.lib.umn.edu>.
55. Pennings, J.M.E., O. Isengildina, S.H. Irwin, and D.L. Good. "The Impact of Market Advisory Service Recommendations on Producers' Marketing Decisions." Selected Paper presented at AAEA 2004 Annual Meetings, Denver, Colorado, August 4-6, available at <http://www.agecon.lib.umn.edu>.
56. Isengildina, O., S.H. Irwin, D.L. Good. "Are Revisions to USDA Crop Production Forecasts Smoothed?" Paper presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 21-22, 2004, available at <http://www.agecon.lib.umn.edu>.
57. Isengildina, O., S.H. Irwin, D.L. Good. "USDA Interval Forecasts of Corn and Soybean Prices: Overconfidence or Rational Inaccuracy?" Paper presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 21-22, 2003, available at <http://www.agecon.lib.umn.edu>.
58. Ward, C.W., O. Isengildina, and F.C. White. "Comparison of Conventional and Transgenic Technologies under Alternative Cultural Practices for Cotton in Georgia." Selected Paper presented at AAEA 2001 Annual Meetings, Chicago, Illinois, August 2001, available at <http://www.agecon.lib.umn.edu>.
59. Isengildina, O., and M.D. Hudson. "Factors Affecting Hedging Decisions Using Evidence from the Cotton Industry." Paper presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. St. Louis, Missouri, April 23-24, 2001, available at <http://www.agecon.lib.umn.edu>.
60. Isengildina, O., and M.D. Hudson. "Choice of Primary Marketing Strategies by Cotton Producers." Selected Paper presented at SAEA 2001 Annual Meetings, Dallas, Texas, February 2001.
61. Isengildina, O., C.W. Herndon, and O.A. Cleveland. "Using a Cotton Options Strategy to Manage Price Risk and Increase Revenues." Selected Papers Abstracts. *American Journal of Agricultural Economics* 81, 5, (1999):1310-1311.
62. Spurlock, S., B.J. Barnett, O. Isengildina, S. Dhar, S. Meerungruang, G. Mumma, and O. Murova. "Evaluating Crop and Revenue Insurance Purchase Decisions in the Mid-

South.” Selected Papers Abstracts. *Journal of Agricultural and Applied Economics* 30, 1, (July 1998):239.

**Conference Proceedings (Unreviewed)**

63. Isengildina Massa, O., F. Ramsey and C. Neil. “Crop Basis in Virginia: Patterns across Time and Space.” Southern Extension Economics Committee Annual Conference, Myrtle Beach, SC, June 11-12, 2018.
64. Ferreira, G., O. Isengildina-Massa, S. McKay, and K. Morgan. “Exploring Organic and Conventional Feed Grain Prices in the United States. An Econometric Analysis.” Northeast Agricultural and Resource Economics Annual Meetings, Washington, DC, June 11-14, 2017.
65. Carpio, C.E., O. Isengildina-Massa, and D.W. Hughes. “The Economic Impact of State Agricultural Branding Campaigns: The Case of South Carolina.” Agricultural & Applied Economics Association’s 2011 AAEA & NAREA Joint Annual Meeting, Pittsburgh, Pennsylvania, July 24-26, 2011.
66. Carpio, C.E., O. Isengildina-Massa, and D.W. Hughes “Nothing’s Fresher, Nothing’s Finer: The Certified South Carolina Grown Program.” presented at the 2011 Southern Agricultural Economics Association Annual meetings, Corpus Christy, TX, February 5-8, 2011.
67. Lamie, R. D., S. Zapata, O. Isengildina-Massa, and C. E. Carpio, "Evaluating MarketMaker: Analyzing the Impact of an Electronic Food Marketing Network", Poster Presentation, National Value-Added Agriculture Conference, Moline, IL 1-3 June 2009.
68. R. David Lamie, Samuel Zapata, Olga Isengildina-Massa, and Carlos E. Carpio. “Evaluating MarketMaker: Analyzing the Impact of an Electronic Food Marketing Network and its Capacity to Improve Efficient Market Access for Small to Midsized Farmers and Food Entrepreneurs.” Presented at “Enhancing Local and Regional Food Systems: Exploring the Research, What Works, and What We Need to Learn” Conference, 19-20 May 2009, Kerhonkson, NY
69. Ward, C.W., O. Isengildina, and Fred C. White. “Comparison of Conventional and Transgenic Technologies under Alternative Cultural Practices for Cotton in Georgia.” 2002 *Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN.
70. Isengildina, O., and M.D. Hudson. “Selection of Primary Marketing Strategies by Cotton Producers.” 2001 *Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN:233-236.
71. Isengildina, O., M.D. Hudson, O.A. Cleveland, and C.W. Herndon. “Using a Cotton Options Strategy to Increase Revenues.” 2000 *Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN: 315-319.
72. Isengildina, O., M.D. Hudson, and C.W. Herndon. “The Export Elasticity of Demand Revisited: Implications of Changing Markets.” 2000 *Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN: 265-269.

73. Isengildina, O., O.A. Cleveland, and C.W. Herndon. "International Cotton Flows: Changing Structure and Prospects for the Future." *1999 Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN:227-232.
74. Isengildina, O., C.W. Herndon, and O.A. Cleveland. "Cotton Industry in Uzbekistan: Structure and Current Developments." *1998 Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN:297-301.
75. Isengildina, O., O.A. Cleveland, and D.W. Parvin. "Changes in Grower Costs and Returns Associated with Producing and Marketing Cotton in Mississippi, 1985-1996." *1998 Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN:343-347.
76. Isengildina, O., O.A. Cleveland, and Cary W. Herndon. "The Analysis of Cotton Acreage Response in the Presence of Government Programs." *1997 Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN:297-301.
77. Isengildina, O., O.A. Cleveland, and T. Townsend. "Cotton Acreage in Response to Government Programs." *1996 Beltwide Cotton Conferences, Proceedings*, Cotton Economics and Marketing Conference, National Cotton Council, Memphis, TN: 419-421.

### **Research Reports**

1. Review Panel of the ERS Farm Income and Wealth Forecast Program. "Review of the ERS Farm Income and Wealth Forecast Program." A consensus study report, August 19, 2019.
2. Isengildina Massa, O., B. Karali, and S.H. Irwin. "The Value of Public Situation Information in a Big Data Era." Final Research Report Submitted to the Office of Chief Economist, USDA, February 2018.
3. National Academies of Sciences, Engineering, and Medicine. October 2017. *Improving Crop Estimates by Integrating Multiple Data Sources*. Washington, DC: The National Academies Press. <https://doi.org/10.17226/24892>
4. Carpio, C.E., O. Isengildina-Massa, R.D. Lamie, and S. Zapata. "Implementation of an Evaluation Framework for the MarketMaker National Network." Final Report to USDA FSMIP Program, May 2013.
5. Isengildina-Massa, O, C.E. Carpio, and D.W. Hughes "How to Make the Best Use of Public Funds in Promoting Locally Grown Products: Assessment of the Potential Impact of a Promotion Campaign." Final Report to USDA FSMIP Program, February 2012.
6. Hughes, D.W., D. Swindall, O. Isengildina-Massa, K. Boys, B. Lanford, S. Macdonald, M. Harper. "Barnwell County: Agribusiness Strategic Plan with an Emphasis on Industrial Park Development." September 2011.
7. Lamie R. David, Olga Isengildina-Massa, Carlos Carpio, and Samuel Zapata

- “Evaluating MarketMaker: Analyzing the Impact of an Electronic Food Marketing Network and its Capacity to Improve Efficient Market Access for Small to Midsized Farmers and Food Entrepreneurs.” Final Report to USDA FSMIP Program, July 2011.
8. Isengildina, O. and S. MacDonald. “Cotton Prices and the World Cotton Market: Forecasting and Structural Change.” Economic Research Report, Economic Research Service, U.S. Department of Agriculture. September 2009. [<http://www.ers.usda.gov/Publications/ERR80/>]
  9. Isengildina, O., W. Ferreira, and D. W. Hughes. "Feasibility Analysis for a Peanut Shelling Facility in South Carolina." Research Report Prepared for the South Carolina Farm Bureau. September 2009.
  10. Isengildina, O., S.H. Irwin, D.L. Good. “Empirical Confidence Intervals for WASDE Forecasts of Corn, Soybean, and Wheat Prices.” Marketing and Outlook Research Report 2009-01, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, January 2009. [<http://www.farmdoc.uiuc.edu/marketing/reports>]
  11. Carpio, C.E., D. Hughes, and Isengildina, O. “A Comprehensive Assessment of the South Carolina Agri-Business Cluster.” Final Research Report submitted to Market Search. Department of Applied Economics and Statistics, Clemson University, July 2008.
  12. Isengildina, O. and M.D. Scott. “Revision of a Statistical Model for Marketing Year Average US Farm Price of Upland Cotton.” Final Research Report submitted to the Economic Research Service, US Department of Agriculture. Department of Applied Economics and Statistics, Clemson University, May 2008.
  13. Isengildina, O., S.H. Irwin, D.L. Good. “Empirical Confidence Intervals for WASDE Forecasts of Corn, Soybean, and Wheat Prices.” Final Research Report Submitted to the Economic Research Service, US Department of Agriculture. Department of Applied Economics and Statistics. Clemson University. Department of Agricultural and Consumer Economics. University of Illinois at Urbana-Champaign, December 2007.
  14. Carpio, C.E., and O. Isengildina. “Willingness to Pay for Locally Grown Products: The Case of State Grown Produce in South Carolina.” WP090707 Working Paper Department of Applied Economics and Statistics, Clemson University, Clemson, SC, 29634.
  15. Carpio, C.E., O. Isengildina, and D.W. Hughes. “Potential Economic Impact of the South Carolina Agricultural Marketing and Branding Campaign.” WP051607 Working Paper Department of Applied Economics and Statistics, Clemson University, Clemson, SC, 29634.
  16. Isengildina, O., S.H. Irwin, D.L. Good. “The Value of USDA Situation and Outlook Information in Hog and Cattle Markets.” Final Research Report Submitted to the Economic Research Service, US Department of Agriculture. Department of Agricultural and Consumer Economics. University of Illinois at Urbana-Champaign, November 2004.
  17. Isengildina, O., J.M.E. Pennings, S.H. Irwin, D.L. Good. “Crop Farmer’s Use of Market Advisory Services.” AgMAS Project Research Report 2004-03, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, May 2004. [<http://www.farmdoc.uiuc.edu/agmas/reports/index.html>]

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18. Irwin, S.H., D.L. Good, J.K. Gomez and O. Isengildina. "The value of USDA Outlook Information: An Investigation Using Event Study Analysis." Final Research Report Submitted to the Economic Research Service, US Department of Agriculture. Department of Agricultural and Consumer Economics. University of Illinois at Urbana-Champaign, May 2002.
19. Ward, C.W., O. Isengildina, F.C. White, and W. D. Shirley, "Comparison of Conventional and Transgenic Technologies under Alternative Cultural Practices for Cotton in Georgia." *2000 Georgia Cotton Research and Extension Reports*: 35-42.

### **Book Chapters**

1. Isengildina, O., F.C. White, and M.J. Morehart. "Targeting Farm Program Benefits." in J.L. Outlaw, and E.G. Smith (eds.) *The 2002 Farm Bill: Policy Options and Consequences*. Publication No. 2001-01, National Public Policy Education Committee, September 2001.
2. Isengildina, O., and M.D. Hudson. "Cotton Producers' Use of Alternative Marketing Sources: Selected Survey Results." *Mississippi Agricultural and Forestry Experiment Station Bulletin 1114*, Mississippi State University, November 2001.
3. Isengildina, O. and F.C. White. "General Economy and Ag. Economy: Situation and Outlook." *2001 Georgia Farm Outlook and Planning Guide*, AGECON-00-063, December 2000: 1.

### **Invited Presentations**

1. VCE Ag Today commodity outlook workshop on January 7, 2021.
2. VCE Ag Today workshop on "Fertilizer Price Squeeze" with Patrick Kayser, December 2, 2021
3. "Evaluating USDA Forecasts of Farm Sector Accounts." Olga Isengildina-Massa, Berna Karali, Todd Kuethe and Ani Katchova. Invited Paper presented at the AAEA Annual Meetings, Atlanta, GA, July 23-25, 2019.
4. "Relative Accuracy of USDA Crop Acreage and Production Forecasts." Olga Isengildina-Massa, Berna Karali and Scott H. Irwin. Invited Paper presented at the AAEA Annual Meetings, Atlanta, GA, July 23-25, 2019.
5. "Review of the ERS Farm Income and Wealth Forecast Program," Briefing to USDA-ERS Farm Income Team, 23 August 2019, O. Isengildina Massa, member of review panel.
6. Value of Information through the effects of USDA Reports on Markets. Seminar on Value of USDA Data Products. Council on Food, Agricultural and Resource Economics (C-FARE), Washington, DC, May 16, 2013.
7. Barnwell County Agribusiness Cluster Study Report. Barnwell County Economic Development Corporation, Blackville, SC, August 26, 2011.
8. Examination of Forecast Errors in WASDE Cotton Forecasts. United States Department of Agriculture / Economic Research Service / World Agricultural Outlook Board and George Washington University / Center for Economic Research / Research Program on Forecasting,

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Washington, D.C., December 15, 2010.

9. Feasibility Analysis for a Peanut Shelling Facility in South Carolina, Final Report Presentation. (with David W. Hughes) South Carolina Farm Bureau Peanut Commodity Committee. Columbia, SC, September 23, 2009.
10. A Comprehensive Assessment of the South Carolina Agri-Business Cluster. (with Carlos E. Carpio and David W. Hughes.) Community Economic Development Agent training conference. Columbia, SC, July 23, 2008.
11. A Comprehensive Assessment of the South Carolina Agri-Business Cluster. (with Carlos E. Carpio and David W. Hughes.) Market Search. Columbia, SC, July 3, 2008.
12. Empirical Confidence Intervals for WASDE Forecasts of Corn, Soybean, and Wheat Prices. United States Department of Agriculture / Economic Research Service / World Agricultural Outlook Board. Washington, D.C., November 28, 2007.
13. Potential Economic Impact of the SC Agricultural Marketing and Branding Campaign. SC Department of Agriculture. Columbia, SC, June 5, 2007.
14. The Value of USDA Outlook Information in Hog and Cattle Markets. ERS Contractors and Cooperators Forum. Washington, D.C, January 15, 2005.
15. Are USDA Price Forecast Ranges Too Wide or Too Narrow? United States Department of Agriculture / Economic Research Service / World Agricultural Outlook Board / Interagency Commodity Estimates Committees Review Forum. Washington, D.C, March 26, 2003.

### **Sponsored Projects**

1. "Integrated Graduate Training in Commodity Markets: A Managed Fund Approach." USDA, NIFA, Principal investigator, \$241,000. (2021-2026).
2. "Enhancing the Quality, Communication and Sustainability of the Commodity Outlook Program." USDA, ERS, Principal investigator, \$160,000. (2018-2023).
3. "Review of the ERS Farm Income and Wealth Forecast Program." USDA, ERS, via Ohio State University, \$60,000 (\$7,500) (2017-2020).
4. "Forage-finishing strategies for variable frame size cattle." John Lee Pratt Animal Nutrition Program, Virginia Tech University, Co-Principal Investigator with S. Greiner and T. Wilson, \$195,000 (\$42,300) (2018-2019).
5. "The Value of Public Situation Information in a Big Data Era." USDA, OCE, Co-Principal Investigator with Berna Karali and Scott Irwin, \$50,000 (\$22,500) (2015-2016).
6. "Barnwell County: Agribusiness Strategic Plan with an Emphasis on Industrial Park Development." Barnwell County, Co-Principal Investigator with David W. Hughes, \$69,643 (\$23,000) (2011).

7. "Implementation of an Evaluation Framework for the MarketMaker National Network." Federal State Marketing Improvement Program, USDA, Co-Principal Investigator with Carlos Carpio and David Lamie, \$109,000 (\$36,000) (2010-2014).
8. "Examination of Forecast Errors in WASDE Cotton Forecasts." USDA, ERS, Principal Investigator, \$22,500 (2010-2011).
9. "How to make the best use of public funds in promoting locally grown products: Assessment of the potential impact of a regional promotion campaign on aggregated and disaggregated levels." Federal State Marketing Improvement Program, USDA, Principal Investigator with Carlos Carpio and David W. Hughes, \$74,866 (2009-2011).
10. "Bridging Specialty Crop Producers & Institutional Food Purchasers: Distilling a Research and Extension Agenda in Support of Local Food Systems." USDA, CSREES Specialty Crop Research Initiative, Co-Investigator Kathryn Boys, Carlos Carpio, David Lamie, William Whiteside, Ken Robinson, Geoffrey Zender, Mary Kunkel, Margaret Condrasky, Angela Fraser, \$48,947 (2009-2010).
11. "Feasibility Study for a Peanut Shelling Facility in South Carolina." South Carolina Farm Bureau, Co-Principal Investigator with David W. Hughes and Wilder Ferreira, \$25,100, (2008-2009).
12. "Evaluating MarketMaker: Analyzing the Impact of an Electronic Food Marketing Network and its Capacity to Improve Efficient Market Access for Small to Midsized Farmers and Food Entrepreneurs." Federal State Marketing Improvement Program, Co-Principal Investigator with Carlos Carpio and Dave Lamie, \$113,133 (\$39,000), (2008-2010).
13. "Comprehensive Assessment of the South Carolina Agri-Business Cluster." MarketSearch Group, Co-Principal Investigator, \$82,824 (\$27,000), (2007-2008).
14. "Fostering the Adoption of Electronic Marketing Strategies for Agricultural and Food Systems Entrepreneurs." Clemson University, PSA-NGGF, Co-Principal Investigator with Carlos Carpio and Dave Lamie, 1 Ph.D. student fellowship, \$12,500/ year for two years (2008-2010).
15. "Revision of a Statistical Model for Marketing Year Average US Farm Price of Upland Cotton." USDA, ERS, Principal Investigator, \$12,000 (\$12,000), (2007).
16. "Identification of Risk Efficient Cotton Marketing Strategies for Southern Producers." SC Cotton Board, Co-Investigator with Charlie Curtis, \$5,000 (\$1,666), (2007-2008).

**TEACHING PROGRAM ACTIVITIES**

**Courses Taught with Formal Evaluation**

*Virginia Tech University*

Year	Semester	Course number	Course Title	Students Enrolled	Response rate	Evaluation (out of 6)
2021	Fall	4434	COINS	30	30	5.86

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2021	Fall	AAEC 3514	AG Futures	28	93	5.08
2021	Spring	AAEC 4504	Ag. Price and Market Analysis	11	64	5.00
2021	Spring	AAEC 4434	COINS	57	45	5.9
2021	Spring	AAEC 5134	Ag Marketing	14	43	5.17
2020	Fall	AAEC 4434	COINS	53	45	5.71
2020	Fall	AAEC 3514	AG Futures	35	69	5.39
2020	Spring	AAEC 4504	Ag. Price and Market Analysis	25	72	5.11
2020	Spring	AAEC 4434	COINS	32	66	5.6
2019	Fall	AAEC 3514	Ag. Futures and Options	26	96	5.7
2019	Fall	AAEC 4434	COINS	21	57	5.4
2019	Spring	AAEC 4504	Ag. Price and Market Analysis	20	85	5.6
2019	Spring	AAEC 4434	COINS	25	52	5.5
2018	Fall	AAEC 3514	Ag. Futures and Options	45	91	4.73
2018	Fall	AAEC 4434	COINS	19	52	4.88
2018	Fall	AAEC 4414	Applied Econ Problem Solving	9	89	5.57
2018	Spring	AAEC 4504	Ag. Price and Market Analysis	30	80	5.25
2018	Spring	AAEC 5504	Ag. Price and Market Analysis	4	75	6
2018	Spring	AAEC 4434	COINS	37	24	5.78
2017	Fall	AAEC 3514	Ag. Futures and Options	48	90	4.51
2017	Fall	AAEC 4984	COINS	21	24	5.6
2017	Spring	AAEC 4504	Ag. Price and Market Analysis	38	84	5.10
2017	Spring	AAEC 5504	Ag. Price and Market Analysis	4	100	5.67
2017	Spring	AAEC 4984	Ag. Risk Management	6	67	5.25
2017	Spring	AAEC 4984	COINS	49		
2016	Fall	AAEC 3514	Ag. Futures and Options	47	72	4.81
2016	Fall	AAEC 4984	COINS	23		



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2016	Spring	AAEC 5134	Agricultural Marketing	8	38	5.33
2015	Fall	AAEC 4424	Ag. Financial Management	47	62	4.00
2015	Fall	AAEC 3514	Ag. Futures and Options	58	80	4.23

*University of Texas at Arlington*

Year	Semester	Course number	Course Title	Students Enrolled	Response rate	Evaluation (out of 5)
2015	Spring	ECON 4311	Economics for Managers	21	76	4.3
2015	Spring	ECON 5313	Managerial Economics	23	96	4.3
2015	Spring	ECON 2306	Principles of Microeconomics	77	41	4.0
2014	Fall	ECON 4311	Economics for Managers	36	64	4.4
2014	Fall	ECON 2306	Principles of Microeconomics	72	70	4.2
2014	Fall	ECON 2306	Principles of Microeconomics	54	76	4.1
2014	Spring	ECON 4311	Economics for Managers	37	70	4.5
2014	Spring	ECON 5313	Managerial Economics	29	83	4
2014	Spring	ECON 2306	Principles of Microeconomics	61	72	4.3
2013	Fall	ECON 5313	Managerial Economics	29	28	4.1
2013	Fall	ECON 5313	Managerial Economics	44	60	4.3
2013	Fall	ECON 2306	Principles of Microeconomics	78	51	4.1
2013	Fall	ECON 2306	Principles of Microeconomics	88	63	4
2013	Spring	ECON 5313	Managerial Economics	33	9	3.2
2013	Spring	ECON 5313	Managerial Economics	61	38	3.2
2013	Spring	ECON 2306	Principles of Microeconomics	42	52	4.5
2012	Fall	ECON 5313	Managerial Economics	27	67	4.1
2012	Fall	ECON 4311	Economics for Managers	37	60	4.1
2012	Fall	ECON 2306	Principles of Microeconomics	65	52	3.8

## Clemson University

Year	Semester	Course number	Course Title	Students Enrolled	Response rate	Evaluation (out of 5)
2012	Spring	APEC 456	Commodity Price Analysis	12	83	4.4
2012	Spring	APEC 656	Commodity Price Analysis	4	100	5
2011	Fall	ECON 855	Financial Economics	12	50	5
2011	Fall	APEC 409	Commodity Futures	23	96	4.045
2011	Fall	APEC 609	Commodity Futures	1	100	5
2011	Spring	APEC 456	Commodity Price Analysis	13	100	4.08
2011	Spring	APEC 656	Commodity Price Analysis	1	100	5
2011	Spring	APEC 819	Futures and Options Markets	7	86	4.33
2010	Fall	APEC 409	Commodity Futures	22	95	3.81
2010	Fall	APEC 609	Commodity Futures	4	100	4.5
2010	Spring	APEC 456	Commodity Price Analysis	16	81	4.15
2010	Spring	APEC 656	Commodity Price Analysis	6	83	4.4
2010	Spring	APEC 819	Futures and Options Markets	9	67	4.83
2009	Fall	APEC 409	Commodity Futures	20	80	3.93
2009	Fall	APEC 609	Commodity Futures	4	100	4.25
2009	Spring	APEC 456	Commodity Price Analysis	12	92	4.4
2009	Spring	APEC 656	Commodity Price Analysis	3	100	5
2009	Spring	APEC 819	Futures and Options Markets	5	100	4.4
2008	Fall	APEC 409	Commodity Futures	23	87	3.75
2008	Fall	APEC 609	Commodity Futures	1	50	5
2008	Spring	APEC 456	Commodity Price Analysis	19	74	3.86
2008	Spring	APEC 656	Commodity Price Analysis	3	100	4
2008	Spring	APEC 819	Futures and Options Markets	7	100	4
2007	Fall	APEC 409	Commodity Futures	19	95	3.72
2007	Fall	APEC 609	Commodity Futures	3	67	4.5
2007	Spring	APEC 456	Commodity Price Analysis	12	83	4.8

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2007	Spring	APEC 656	Commodity Price Analysis	2	100	4.5
2006	Fall	APEC 819	Futures and Options Markets	5	80	4.75
2006	Fall	APEC 351	Principles of Advertising	80	86	3.75

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### **Other Courses Developed and Taught**

ACE 202, Marketing of Commodity and Food Products, University of Illinois, F01.  
ECON II, Microeconomics, East Mississippi Community College, S00.  
AEC 2713-01, Introduction to Agricultural Economics, Mississippi State University, F99.

### **Graduate Student Advising**

Virginia Tech Sarah McKay (MS, Spring 2016); Jiafeng Zhu (MS, Summer 2017); Bret Hathaway (MS, Spring 2017), Tyler Neff (MS, Spring 2018), Ryan Speck (MS, Summer 2019), Yangchuan Wang (PhD), Armine Poghosyan (PhD), Colburn Hassman (MS, 2021, Mbarushimana, Jean Claude (MS, 2022), Joppy, Derrell (MS, 2023), Gill, Jason (MS, 2023).

Committee Member: Weibin Xu (PhD, Fall 2016), Xiang Cao (PhD, Fall 2018), Ruoding Shi (PhD, Fall 2019).

Clemson University

Economics Xie, Ran, Ph.D, 2014  
Medlen, Daniel, M.S., 2012

Applied Economics and Statistics

Geng, Jia, Ph.D., 2008  
Patterson, Lisa, M.S., 2012  
Carter, Thomas, M.S., 2011  
Fisher, Mathew, M.S., 2011  
Guan, Yun, M.S., 2011  
Tysinger, David, M.S., 2010  
Ewing, Joseph, M.S., 2010  
McCall, Tim, M.S., 2010.

Committee Member: 14 MS and 2 PhD Students.

### **Undergraduate Student Advising**

Virginia Tech: Commodity Investing by Students. Faculty Advisor, 2015-Current.

Undergraduate Research: Morgan McCoy, 2015-2016, Jordan Pulley (Spring 2017), Meghan McLaughlin (Spring 2018), Lamie Carroll (Spring 2018), Fabian Schleicher, John Weber and Robert D'Angelo (Spring 2019), John Weber, Eli Mefford and Jack O'Brien (Fall 2019).

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Clemson University: 2010-2012 Advised Students in Agribusiness Major, about 10-20 students a year.

## **SERVICE ACTIVITIES**

### **Memberships**

American Agricultural Economics Association, 1999-present  
Southern Agricultural Economics Association, 1998-present  
Western Agricultural Economics Association, 2005-present

### **Manuscript Reviews**

American Journal of Agricultural Economics  
Applied Economics  
Applied Economic Perspectives and Policy  
Applied Financial Economics  
Agricultural Economics  
Agribusiness: An International Journal  
Energy Economics  
Journal of Commodity Markets  
Journal of Futures Markets  
Journal of Agricultural and Applied Economics  
Journal of Agricultural and Resource Economics  
Journal of Food Distribution Research  
International Journal of Applied Earth Observation and Geoinformation  
Journal of Cotton Science  
Textile Research Journal  
Departmental manuscript reviews

### **Other Reviewing Activities**

Reviewer for Social Sciences and Humanities Research Council of Canada, January 2016.

Reviewer for the USDA Federal and State Marketing Improvement Program, July-August 2013.

Reviewer for the USDA Agriculture and Food Research Initiative, Agribusiness Markets and Trade Program, August 2009.

Reviewer for AAEA Demand and Price Analysis and Policy sections, 2008-2011, 2013, 2015-current.

### **Other Professional Service**

Co-Editor, *Journal of Agricultural and Applied Economics* (2020-2023).

Co-Chair of the NCCC-134 project on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (2020-2025).

Editorial Council member, Choices magazine, (2018-current).

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Executive Board Member for the NCCC-134 project on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (2017-current).

VA State Representative of the NCCC-134 project on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (2016-current).

Member of the National Research Council of the National Academies Panel on Methods for Integrating Multiple Data Sources to Improve Crop Estimates (2015-2017).

### **University Service**

Virginia Tech University, College of Agriculture and Life Sciences, Strategic Planning Committee Working Group Chair, 2019-2020.

Virginia Tech University, periodic review committee for CALS Dean Alan Grant, 2019

Virginia Tech University, Department of Agricultural and Applied Economics MS Program ad hoc Committee Chair, 2019

Virginia Tech University, CALS Curriculum Committee, 2019-current

Virginia Tech University, Department of Agricultural and Applied Economics Undergraduate Curriculum Committee, 2017-current

Virginia Tech University, Department of Agricultural and Applied Economics Governance Committee, 2017-2019

Virginia Tech University, Department of Agricultural and Applied Economics Collegiate Professor Search Committee, 2018

Virginia Tech University, Department of Agricultural and Applied Economics Academic Advisor Search Committee, 2017

Virginia Tech University, Department of Agricultural and Applied Economics Department Head Search Committee, 2017

Virginia Tech University, Department of Agricultural and Applied Economics Agribusiness Faculty Search Committee, 2016

Virginia Tech University, Department of Agricultural and Applied Economics On-line Master's Degree Committee, 2016.

Virginia Tech University, Department of Agricultural and Applied Economics Undergraduate Committee, 2015-2016.

Clemson University, Department of Applied Economics and Statistics Curriculum Committee, 2009-2011.

Clemson University, Department of Applied Economics and Statistics Marketing Committee, 2010-2011.

Clemson University, College of Agriculture, Forestry and Life Sciences Committee for Teaching Excellence, 2011.