

SCOTT H. IRWIN

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SELECTED PAPERS AND POSTERS²

1. Etienne, Xiaoli, Jason Franken, and Scott H. Irwin. "Farmland Boom or Bubble?" Selected paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Denver, Colorado, July 27-29, 2025.
2. Karali, Berna, Olga Isengildina-Massa, and Scott H. Irwin. "Does It Pay to be Bold? Industry Expectations of USDA Corn and Soybean Production Estimates," Selected poster presented at the Annual Meeting of the Agricultural and Applied Economics Association, New Orleans, Louisiana, July 28-30, 2024.
3. Cabrini, Silvina M., Gary D. Schnitkey, Scott H. Irwin, Joana Colussi, Cristian Zucchini, Marcelo Rossetti, and Luciana Elustondo. "A Comparative Study of the Use of Climate Information in Agriculture in the US Midwest, Argentine Pampas, and Southern Brazil." Selected paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Washington, D.C., July 23-25, 2023.
4. Hutchens, Jared P., and Scott H. Irwin. "Productivity Growth from Genetic Improvement: Evidence from Soybean Trial Data," Selected paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Anaheim, California, July 31-August 2, 2022.
5. Karali, Berna, Scott H. Irwin, and Olga Isengildina-Massa. "Supply Fundamentals and Grain Futures Markets." Selected paper presented at the 3rd Annual J.P. Morgan Center for Commodities International Commodities Symposium, University of Colorado-Denver, Denver, Colorado, August 12-13, 2019.

² Prior to 2000, abstracts of selected papers presented at the Annual Meeting of the American Agricultural Economics Association (now Agricultural and Applied Economics Association) were published in the *American Journal of Agricultural Economics*. All papers from 2000 forward have been posted to the *AgEcon Search* website: <http://ageconsearch.umn.edu/>.

6. Isengildina-Massa, Olga, Berna Karali, and Scott H. Irwin. "Can Private Forecasters Beat USDA? Analysis of Relative Accuracy of Crop Acreage and Production Forecasts." Invited paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Atlanta, GA, July 21-23, 2019.
7. Karali, Berna, Olga Isengildina-Massa, and Scott H. Irwin. "Does Noise in Market Expectations Dilute Price Reactions to USDA Reports?" Selected paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Washington, D.C., August 5-7, 2018.
8. Adjemian, Michael K., and Scott H. Irwin. "USDA Announcements in Real-Time." Selected paper presented at the Conference on New Direction in Commodity Research, J.P. Morgan Center for Commodities, Business School, University of Colorado-Denver, Denver, Colorado, August 9-11, 2017.
9. Yan, Lei, Scott H. Irwin, and Dwight R., Sanders. "Mapping Algorithms, Agricultural Futures, and the Relationship between Commodity Investment Flows and Crude Oil Futures Prices," Selected paper presented at the International Conference on Energy Finance, Academy of Financial Research, Zhejiang University, Hangzhou, China, May 25-27, 2017.
10. Yan, Lei, Scott H. Irwin, and Dwight R., Sanders. "Mapping Algorithms, Agricultural Futures, and the Relationship between Commodity Investment Flows and Crude Oil Futures Prices," Selected paper presented at the Commodity Markets Winter Workshop, Lillehammer, Norway, March 1-3, 2017.
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12. Yan, Lei, Scott H. Irwin, and Dwight R., Sanders. "The Relationship between Commodity Investment Flows and Crude Oil Futures Prices: Real or Spurious?" Selected poster presented at the Annual Meeting of the Agricultural and Applied Economics Association, Boston, Massachusetts, July 31-August 2, 2016.
13. Isengildina-Massa, Olga, Berna Karali, and Scott H. Irwin. "Market Reaction to Inefficiencies in USDA Crop Production Forecasts." Selected paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Boston, Massachusetts, July 31-August 2, 2016.
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19. Isengildina-Massa, Olga, Berna Karali, and Scott H. Irwin. "When Do USDA Forecasters Make Mistakes?" Selected paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Seattle, Washington, August 12-14, 2012.
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22. Pennings, Joost M.E., Philip Garcia, and Scott H. Irwin. "Accounting for Heterogeneity in Hedging Behavior: Comparing and Evaluating Grouping Methods." Selected paper presented at the 2011 International Congress of the European Association of Agricultural Economists, Zurich, Switzerland, August 30-September 2, 2011.
23. Joseph, Kishore, Philip Garcia, and Scott H. Irwin. "Commodity Storage Under Backwardation: Does the Working Curve Still Work?" Selected paper presented at the Annual Meeting of the Agricultural and Applied Economics Association, Pittsburgh, Pennsylvania, July 24-26, 2011.

24. Isengildina-Massa, Olga, Scott H. Irwin, and Darrel L. Good. "A Quantile Regression Approach to Estimating Confidence Intervals for WASDE Price Forecasts." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Orlando, Florida, July 27-29, 2008.
25. Peterson, Hikaru H., Philip Garcia, and Scott H. Irwin. "Ethanol and Corn Price Volatility: Should We Be Concerned?" Selected paper presented at the 2008 NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 22, 2008.
26. Irwin, Scott H., Philip Garcia, and Darrel L. Good. "The Performance of the Chicago Board of Trade Corn, Soybean, and Wheat Contracts after 2005 Changes in Speculative Limits." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Portland, Oregon, July 29-31, 2007.
27. Hoffman, Linwood, Scott H. Irwin, and Jose Toasa. "Forecast Performance of Futures Price Models for Corn, Soybeans, and Wheat." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Portland, Oregon, July 29-31, 2007.
28. Cabrini, Silvina M., and Scott H. Irwin. "Behavioral Biases in Grain Marketing: Evidence from Market Advisory Service Recommendations." Selected poster presented at the Annual Meeting of the American Agricultural Economics Association, Portland, Oregon, July 29-31, 2007.
29. Franken, Jason R.V., Phil Garcia, and Scott H. Irwin. "Do Interest Rates Explain Disaggregate Commodity Price Growth?" Selected paper presented at the Annual Meeting of the American Agricultural Economics Association Long Beach, California, July 23-26, 2006.
30. Botto, Augusto C., Olga Isengildina, Scott H. Irwin, and Darrel L. Good. "Accuracy Trends and Sources of Forecast Errors in WASDE Balance Sheet Categories for Corn and Soybeans." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association Long Beach, California, July 23-26, 2006.
31. Urcola, Hernan A., and Scott H. Irwin. "Has the Performance of the Hog Options Market Changed?" Selected paper presented at the Annual Meeting of the American Agricultural Economics Association Long Beach, California, July 23-26, 2006.
32. Shi, Wei, and Scott H. Irwin. "What Happens when Peter can't Pay Paul: Risk Management at Futures Exchange Clearinghouses." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association Long Beach, California, July 23-26, 2006. A

33. Pennings, Joost M.E., Olga Isengildina, Scott H. Irwin, Darrel L. Good, Philip Garcia, Ju-lieta M. Frank, and W. Erno Kuiper. "Complex Choices: Producers Risk Management Strategies." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Providence, Rhode Island, July 24-27, 2005.
34. Shi, Wei, and Scott H. Irwin. "A Bayesian Implementation of the Standard Optimal Hedging Model: Parameter Estimation Risk and Subjective Views." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Providence, Rhode Island, July 24-27, 2005.
35. Cabrini, Silvina M., Scott H. Irwin, and Darrel L. Good. "Efficient Portfolios of Market Advisory Services: An Application of Shrinkage Estimators." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Providence, Rhode Island, July 24-27, 2005.
36. Isengildina, Olga, Scott H. Irwin, and Darrel L. Good. "The Value of USDA Outlook Information in Hog and Cattle Markets." Selected paper presented at the Market Analysis for Livestock Research Workshop, Economic Research Service, U.S. Department of Agriculture, January 12, 2005.
37. Pennings, Joost M.E., Olga Isengildina, Scott H. Irwin, and Darrel L. Good. "Modeling the Impact of Market Advisory Services on Producers' Decisions." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Denver, Colorado, August 1-4, 2004.
38. Shi, Wei, Scott H. Irwin, and Darrel L. Good. "The Cost of Forward Contracting." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Denver, Colorado, August 1-4, 2004.
39. Olga Isengildina, Scott H. Irwin, and Darrel L. Good. "Does the Market Anticipate Smoothing in USDA Crop Production Forecasts?" Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Denver, Colorado, August 1-4, 2004.
40. Urcola, Hernan A., Gary D. Schnitkey, Scott H. Irwin, and Bruce J. Sherrick. "Testing for Yield Persistency: Is It Skill or is It Luck?" Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Denver, Colorado, August 1-4, 2004.
41. Irwin, Scott H., Darrel L. Good, and Joao Martines-Filho. "The Performance of Market Advisory Services in Corn and Soybeans." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Montreal, Canada, July 27-30, 2003.
42. Pennings, Joost M.E., Philip Garcia, Scott H. Irwin, and Darrel L. Good. "How to Group Market Participants? Heterogeneity in Hedging Behavior." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Montreal, Canada, July 27-30, 2003.

43. Schnitkey, Gary D., Bruce J. Sherrick, and Scott H. Irwin. "Comparison of Value-at-Risk and Conditional Value-at-Risk in Evaluating Crop Insurance Alternatives." Selected paper presented at the Annual Meeting of SERA-IEG-31 on Economics and Management of Risk in Agriculture and Natural Resources, Gulf Shores, Alabama, March 21-22, 2003.
44. Schnitkey, Gary D., Bruce J. Sherrick, and Scott H. Irwin. "Evaluation of Risk Reductions Associated with Multi-Peril Crop Insurance Products." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Long Beach, California, July 28-31, 2002.
45. Zanini, Fabio C., Scott H. Irwin, Gary D. Schnitkey, and Bruce J. Sherrick. "Estimating Farm-Level Yield Distributions for Corn and Soybeans in Illinois." Selected paper presented at the Annual Meeting of the American Agricultural Economics Association, Tampa, Florida, July 30-August 2, 2000.
46. Larson, Donald W., Christopher K. Alexander, Carl R. Zulauf, and Scott H. Irwin. "Performance of Pre-Harvest Pricing Strategies in Ohio Corn Markets: The Role of Cash Flow Risk." *American Journal of Agricultural Economics* 79(1997):1716.
47. Zulauf, Carl R., Scott H. Irwin, Jason E. Ropp, and Anthony J. Sberna. "A Reappraisal of the Forecasting Performance of New Crop Corn and Soybean Futures Prices." *American Journal of Agricultural Economics* 79(1997):1716.
48. Irwin, Scott H. "Public Situation and Outlook Programs: To Be or Not to Be?" *American Journal of Agricultural Economics* 78(1996):1412.
49. Garcia, Philip, Scott H. Irwin, Raymond M. Leuthold, and Li Yang. "New Evidence on the Value of Public Information in Commodity Markets." Selected paper presented at the International Symposium on Forecasting, Toronto, Canada, June 4-7, 1995.
50. Colling, Phil L, Scott H. Irwin, and Carl R. Zulauf. "The Reaction of Wheat, Corn, and Soybean Futures Prices to the USDA Export Inspection Report." *American Journal of Agricultural Economics* 77(1995):1362.
51. Colling, Phil L, Scott H. Irwin, and Carl R. Zulauf. "Futures Prices and Cold Storage Inventories." *American Journal of Agricultural Economics* 76(1994):1271.
52. Martines-Filho, Joao, and Scott H. Irwin. "The Value of Private Information: An Investigation of Market Advisory Pre-Harvest Hedging Recommendations." *American Journal of Agricultural Economics* 76(1994):1271.
53. Jackson, Thomas E., Carl R. Zulauf, and Scott H. Irwin. "Mean Reversion in Commodity Futures Prices." *American Journal of Agricultural Economics* 74(1992):1277.

54. Jackson, Thomas E., Carl R. Zulauf, and Scott H. Irwin. "Mean Reversion in Commodity Futures Prices." Selected paper presented at the Annual Meeting of the Eastern Finance Association, Tampa, Florida, April 23, 1992.
55. Colling, Phil L., Scott H. Irwin, and Carl R. Zulauf. "Does Releasing USDA Livestock Reports on Friday Reduce Futures Price Volatility?" *American Journal of Agricultural Economics* 74(1992):1287.
56. Irwin, Scott H., Mary E. Gerlow, and Te-Ru Liu. "Are Outlook Price Forecasts Rational?" *American Journal of Agricultural Economics* 74(1992):1287.
57. Liu, Te-Ru, Mary E. Gerlow, and Scott H. Irwin. "The Performance of Bayesian VAR Models in Forecasting Exchange Rates." *American Journal of Agricultural Economics* 74(1992):1293.
58. Irwin, Scott H., Mary E. Gerlow, and Te-Ru Liu. "The Market Timing Value of Outlook Price Forecasts." *American Journal of Agricultural Economics* 73(1991):1548.
59. Colling, Phil L., Scott H. Irwin, and Carl R. Zulauf. "USDA Hogs and Pigs Reports and Livestock Futures Price Movements." *American Journal of Agricultural Economics* 73(1991):1549.
60. Pelly, Robert A., Scott H. Irwin, and Carl R. Zulauf. "An Investigation of Pricing Models for Live Cattle Futures Options." *American Journal of Agricultural Economics* 73(1991):1532.
61. Liu, Te-Ru, Mary E. Gerlow, and Scott H. Irwin. "The Statistical and Market Timing Performance of Bayesian VAR Models in Forecasting Exchange Rates." Selected paper presented at the International Symposium on Forecasting, New York, New York, June 11, 1991.
62. Gerlow, Mary E., Scott H. Irwin, Carl R. Zulauf, and Jonathan N. Tinker. "A Performance Comparison of a Technical Trading System with ARIMA and VAR Models for Soybean Complex Prices." Selected paper presented at the International Symposium on Forecasting, New York, New York, June 10, 1991.
63. Irwin, Scott H., Mary E. Gerlow, and Te-Ru Liu. "The Market Timing Value of Outlook Price Forecasts." Selected paper presented at the International Symposium on Forecasting, New York, New York, June 10, 1991.
64. Sherrick, Bruce J., Scott H. Irwin, and D. Lynn Forster. "Option-Based Evidence of the Non-Stationarity of Expected S&P 500 Futures Price Distributions." Selected paper presented at the Annual Meeting of the Eastern Finance Association, Hot Springs, Virginia, April 5, 1991.

65. Irwin, Scott H., Terry R. Krukemyer, and Carl R. Zulauf. "Investment Performance of Public Commodity Pools: 1979 to 1989." Selected paper presented at the Annual Meeting of the Eastern Finance Association, Hot Springs, Virginia, April 4, 1991.
66. Leeds, Robert, Carl Zulauf, and Scott Irwin. "Returns to Hedged and Unhedged Storage of Corn in Ohio from 1964 through 1989." Selected paper presented at the Farm Income Enhancement Conference, Columbus, Ohio, February 26, 1991.
67. Ward, Barry W., Scott H. Irwin, and Carl R. Zulauf. "The Predictability of Commodity Trading Advisor Returns." Selected paper presented at the Farm Income Enhancement Conference, Columbus, Ohio, February 26, 1991.
68. Sherrick, Bruce J., D. Lynn Forster, and Scott H. Irwin. "The Calibration of Expected Soybean Price Distributions: An Option-Based Approach." *American Journal of Agricultural Economics* 72(1990):1350.
69. Colling, Phil L., and Scott H. Irwin. "Are Pre-Release Estimates of USDA Hogs and Pigs Reports Rational?" *American Journal of Agricultural Economics* 72(1990):1353.
70. Sherrick, Bruce J., Scott H. Irwin, and D. Lynn Forster. "Non-Stationarity of Soybean Futures Price Distributions: Options-Based Evidence." *American Journal of Agricultural Economics* 72(1990):1354.
71. Weimar, Mark R., Terry L. Crawford, Ken E. Nelson, Scott Irwin, and Carl W. O'Connor. "Agricultural Livestock Outlook Programs: Effective Marketing Tools or Just an Academic Exercise?" *American Journal of Agricultural Economics* 72(1990):1328.
72. Sherrick, Bruce J., Scott H. Irwin, and D. Lynn Forster. "An Examination of Option-Implied S&P 500 Futures Price Distributions." Selected paper presented at the Annual Meeting of the Southern Finance Association, Savannah, Georgia, November 29, 1990.
73. Colling, Phil L., and Scott H. Irwin. "USDA Hogs and Pigs Reports and Live Hog Futures Prices." *American Journal of Agricultural Economics* 71(1989):1358.
74. Tinker, Jonathan N., Mary E. Gerlow, Scott H. Irwin, and Carl R. Zulauf. "Forecasting Soybean Complex Prices: Univariate and Multivariate Time Series Models." *American Journal of Agricultural Economics* 71(1989):1359.
75. Gerlow, Mary E., and Scott H. Irwin. "The Performance of Exchange Rate Forecasting Models: An Economic Evaluation." *Southern Journal of Agricultural Economics* 21(1989):186.
76. Irwin, Scott H., and Mary E. Gerlow. "Can Price Forecasts by Extension Economists be Used to Enhance Farm Income." Selected paper presented at the Farm Income Enhancement Conference, Columbus, Ohio, April 10, 1989.

77. Baldwin, E. Dean, Scott H. Irwin, Hassan Ahmed, and Robert Rye. "Hedging Effectiveness in a Vertical Marketing Channel." *American Journal of Agricultural Economics* 70(1988):1194.
78. Gerlow, Mary E., and Scott H. Irwin. "Economic Evaluation of Commodity Price Forecasts." *American Journal of Agricultural Economics* 70(1988):1195.
79. Hall, Joyce A., B. Wade Brorsen, and Scott H. Irwin. "The Distribution of Futures Prices: A Test of the Stable Paretian and Mixture of Normals Hypotheses." *American Journal of Agricultural Economics* 69(1987):1086.
80. Frank, Stuart D., Dennis R. Henderson, and Scott H. Irwin. "US Agricultural Policy Effectiveness: An Analysis of Income and Capital Gains Returns Impacts." *American Journal of Agricultural Economics* 69(1987):1089.
81. Colling, Phil L., and Scott H. Irwin, "Has the Farm Sector Asset Market Been Too Volatile?" *American Journal of Agricultural Economics* 69(1987):1092.
82. Frank, Stuart D., George H. Pfeiffer, Charles E. Curtis, and Scott H. Irwin. "Analysis of Soybean Options Marketing Strategies." *American Journal of Agricultural Economics* 68(1986):1370-1371.
83. Lukac, Louis P., Brorsen, B. Wade, and Scott H. Irwin. "Similarity of Computer Guided Technical Trading Systems." *American Journal of Agricultural Economics* 68(1986):1373.
84. Sherrick, Bruce J., Scott H. Irwin, and D. Lynn Forster. "Returns to Capital in Agriculture: A Historical View Using Portfolio Theory." *American Journal of Agricultural Economics* 68(1986):1378.
85. Brorsen, B. Wade, and Scott H. Irwin. "Has the Growth of Commodity Pools Affected Price Volatility?" Selected paper presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 22, 1986.
86. Irwin, Scott H., and B. Wade Brorsen. "Technical Trading System Profits: Fact or Fiction?" *American Journal of Agricultural Economics* 67(1985):1280.
87. Irwin, Scott H., and B. Wade Brorsen. "The Performance of Futures Funds: Implications for Futures Market Efficiency." *American Journal of Agricultural Economics* 66(1984):907.

INVITED LECTURES AND PRESENTATIONS³

1. “Changing Times and Changing Attitudes: The Impact of the COVID Pandemic on Digital Extension Programs.” C-FARE Annual Brandt Forum: Impacts of a Digitally Driven Global Economy, Virtual, November 2, 2021
2. “SREs and Biofuels Demand Destruction.” Organized Symposium on Outlook for U.S. Biofuels Policy - Impacts to the US. Crop Sector, Annual Meeting of the Agricultural and Applied Economics Association, Atlanta, GA, July 21-23, 2019.
3. “Agricultural Derivatives: Discussion.” Organized Symposium on Agricultural Derivatives: Insight into Market Participation from Survey and Regulatory Data, Annual Meeting of the Agricultural and Applied Economics Association, Washington, D.C., August 5-7, 2018.
4. “The Biodiesel Acreage Boom that Wasn’t.” Organized Symposium on Ongoing and Emerging Land Use Trade-offs Impacting Crop Outlook, Annual Meeting of the Agricultural and Applied Economics Association, Washington, D.C., August 5-7, 2018.
5. “Trilogy for Troubleshooting Convergence: Manipulation, Structural Imbalance, and Storage Rates.” Invited paper presentation at Protecting America’s Agricultural Markets: An Agricultural Commodity Futures Conference, Kansas City, KS, April 5-6, 2018.
6. “Is *farmdoc* the Future of Production Ag Extension?” Invited presentation to Extension Section, Annual Meeting of the Agricultural and Applied Economics Association, Boston, MA, July 31-August 2, 2017.
7. “Convergence in Grain Futures Markets.” Organized Symposium on Have the Land Grants Been Teaching Futures and Options Wrong for 50 Years? Annual Meeting of the Agricultural and Applied Economics Association, Boston, MA, July 31-August 2, 2017.
8. “When is a Push a Push? Reviewing Recent EPA Rulemakings on the Conventional Ethanol Mandate.” Organized Symposium on Reassessment of the Effectiveness of the Renewable Fuel Standard, Annual Meeting of the Agricultural and Applied Economics Association, Boston, MA, July 31-August 2, 2017.
9. “Energy.” Organized Symposium on Assessing the Pulse of the Next Farm Bill Debate, Annual Meeting of the Agricultural and Applied Economics Association, Boston, MA, July 31-August 2, 2017.
10. “Futures Market Regulation” Agricultural Policy Workshop, American Enterprise Institute, Washington, D.C., March 17-18, 2017.

³ All presentations by Scott H. Irwin except where joint presentation indicated.

11. "Biofuels Update: The Future is Brighter Than You Think." Annual Meeting of the NCCC-117 Committee on Agricultural Finance, Chicago, Illinois, October 10-11, 2015.
12. "Bubbles, Froth, and Facts: The Masters Hypothesis and Recent Food Commodity Price Spikes." Keynote address at the IAMO Forum 2014: The Rise of the Emerging Economies: Towards Functioning Agricultural Markets and Trade Relations, Halle, Germany, June 25-27, 2014.
13. "Energy Futures Prices and Commodity Index Investment: New Evidence from Firm-Level Position Data." Bank of Canada Workshop on Financialization of Commodity Markets, Ottawa, Canada, March 20-21, 2014.
14. "USDA Stock Estimates for Corn." Organized Symposium on USDA Supply and Demand Estimates for the Grain Sector: In Need of an Extreme Makeover? Annual Meeting of the Agricultural and Applied Economics Association, Washington, D.C., August 4-6, 2013.
15. "Bubbles in Food Commodity Markets: Four Decades of Evidence." International Monetary Fund (IMF) Conference on Understanding International Commodity Price Fluctuations, Washington, D.C., March 20-21, 2013.
16. "Futures Markets and Speculation: Lessons from the Past for Today." Keynote address at the Second Risk Management and Commodity Trading Conference, Sao Paulo, Brazil, November 28, 2012.
17. "Futures Markets and Speculation: Lessons from the Past for Today." Chancellor's Lecture-University of Illinois, Chicago, Illinois, October 18, 2012.
18. "Commodity Index Investment and Food Prices: Does the Masters Hypothesis Explain Recent Price Spikes?" Plenary keynote presentation at the Triennial Meeting of the International Association of Agricultural Economists, Foz do Iguaçu, Brazil, August 18-24, 2012.
19. "Bubbles, Food Prices, and Speculation: Evidence from the CFTC's Daily Large Trader Data Files." National Bureau of Economic Research (NBER) Conference on Economics of Food Price Volatility, Seattle, Washington, August 15-16, 2012.
20. "Ethanol, Octane, and Drought: A Doomsday Machine for the U.S. Livestock Industry?" Organized Symposium on Livestock Outlook and Industry Issues, Annual Meeting of the Agricultural and Applied Economics Association, Seattle, Washington, August 12-14, 2012.
21. "How Agricultural Economics Saved Futures Markets." NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, Missouri, April 16-17, 2012.

22. "Conventional Wisdom and the Impact of Increasing Market Volatility." Growing Forward in a Volatile Environment, Second Annual Canadian Agricultural Policy Conference, Ottawa, Canada, January 12-13, 2012.
23. "Index Funds, Financialization, and Commodity Futures Prices." The Interactions between Physical and Financial Energy Markets, International Energy Administration (EIA) and Organization of Petroleum Exporting Countries (OPEC) Workshop, Vienna, Austria, November 29, 2011.
24. "How Agricultural Economics Saved Futures Markets: An Untold Story of Leadership." William K. Deal Leadership Lecture, Iowa State University, October 25, 2011.
25. "Testing the Masters Hypothesis in Commodity Futures Markets." CFTC Conference on Commodity Markets, U.S. Commodity Futures Trading Commission, Washington, D.C., August 25-26, 2011.
26. "Speculation and Commodity Prices." Assessing the Potential Impact of Financial Investment in Commodities Markets on Commodity Prices and Volatility, Commodities Task Force Workshop, International Institute of Finance, Paris, France, July 6, 2011.
27. "Commodity Markets: Speculation and Fundamentals." Conference on Commodities, the Economy, and Money, Bank of Canada and Haskayne College of Business, University of Calgary, Calgary, Canada, June 23-24, 2011.
28. "Speculation and Food Price Volatility." Annual Colloquium of the Executive Directors of the World Bank, Washington, D.C., May 13, 2011.
29. "Agricultural Economists at the Ramparts: Speculation and Commodity Markets." Organized Symposium on Centennial Overview of Food and Agricultural Marketing Policy Issues, Annual Meeting of the Agricultural and Applied Economics Association, Denver, Colorado, July 25-27, 2010.
30. "The Impact of 'Financialization' in Commodity Futures Markets." 51st Session of the Working Party on Agricultural Policies and Markets, Organization for Economic Cooperation and Development, Paris, France, May 17-20, 2010.
31. "Index Funds, Spreads, and Non-Convergence in CBOT Grain Futures Contracts." Institutions and Policies to Manage Global Market Risks and Price Spikes in Basic Food Commodities: An Experts' Meeting, Food and Agricultural Organization of the United Nations, Rome, Italy, October 26-27, 2009. (Presented by Eugene L. Kunda).
32. "The Role of Index Funds in the Recent Commodity Price Boom and Bust." Global Problems, Global Solutions: Towards Better Global Governance, WTO Public Forum 2009, World Trade Organization, Geneva Switzerland, September 28-30, 2009

33. "Devil or Angel? The Role of Speculation in the Recent Commodity Price Boom (and Bust)." *Confronting Food Price Inflation: Implications for Agricultural Trade and Policies*, International Agricultural Trade Research Consortium Symposium, Seattle, Washington, June 22-23, 2009.
34. "Poor Convergence Performance of CBOT Corn, Soybean, and Wheat Futures Contracts: Causes and Solutions." *Impact of Contract Design on Commodity Futures Market Performance*, Economic Research Service-Commodity Futures Trading Commission-Farm Foundation Workshop, Washington, D.C., June 9-10, 2009.
35. "Devil or Angel? The Role of Speculation in the Recent Commodity Price Boom." Invited Paper Session on Volatile Commodity Markets and Their Impact on the U.S. Grain Industry, Annual Meeting of the Southern Agricultural Economics Association, Atlanta, Georgia, January 31-February 3, 2009.
36. "Recent Delivery Performance of CBOT Corn, Soybean, and Wheat Futures Contracts." Commodity Futures Trading Commission-Farm Foundation-U.S. Department of Agriculture Academic Roundtable on Grain Futures Convergence Issues, Washington, D.C., December 11, 2008.
37. "Devil or Angel: The Role of Speculation in the Recent Commodity Price Boom." Farrell Distinguished Public Policy Lecture, Department of Food, Agricultural, and Resource Economics, University of Guelph, Ontario, Canada, November 19, 2008.
38. "300 Bushels in Every Field: The Rising Debate about Corn Trend Yields." James C. Snyder Lecture, Department of Agricultural Economics, Purdue University, April 11, 2008.
39. "Outlook vs. Futures: Three Decades of Evidence from Hog and Cattle Markets." Information, Policy, and the Food System Conference sponsored by the Food, Agricultural Marketing and Policy Section of the American Agricultural Economics Association, Washington, D.C., March 10, 2008.
40. "What I Wish I Knew 20 Years Ago about Writing and Submitting Journal Articles." Organized Symposium on Guidelines on Writing and Submitting Journal Articles, Annual Meeting of the American Agricultural Economics Association, Portland, Oregon, July 29-31, 2007.
41. "A Portfolio Approach to Extension Marketing Programs." Organized Symposium on What Is the Ideal Extension Marketing Program? Annual Meeting of the American Agricultural Economics Association, Long Beach, California, July 23-26, 2006. (With Darrel L. Good)

42. "Does the Performance of Illinois Corn and Soybean Farmers Lag the Market?" Principal Paper Session on New Facts on the Marketing Performance of U.S. Farmers, Annual Meeting of the American Agricultural Economics Association, Providence, Rhode Island, July 24-27, 2005.
43. "Writing Competitive, Outstanding Proposals?" Organized Symposium on Preparing Social Science Research Proposals: Competing with Small Fish in a Big Pond, or Small Fish in a Small Pond?" Annual Meeting of the American Agricultural Economics Association, Providence, Rhode Island, July 24-27, 2005.
44. "The Use and Abuse of Web Traffic Statistics for Program Evaluation." Organized Symposium on What Makes an Outstanding Extension Economics Web Site? Annual Meeting of the American Agricultural Economics Association, Providence, Rhode Island, July 24-27, 2005. (With Mark A. Althouse)
45. "Directions for Future Research and Policy on Producer Marketing and Risk Management." Organized Symposium on Markets for Tomorrow, Annual Meeting of the American Agricultural Economics Association, Tampa, Florida, July 30-August 2, 2000.
46. "Current Risk Management Tools and Their Usage: Price Risk." Pre-Conference on the New Risk Environment in Agriculture, Annual Meeting of the American Agricultural Economics Association, Toronto, Canada, July 26-30, 1997.
47. "Market Efficiency and Marketing to Enhance Income of Crop Producers." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Chicago, Illinois, April 21-22, 1997. (With Carl R. Zulauf)
48. "New Evidence on the Value of Public Information in Commodity Markets." Fall Research Seminar, Chicago Board of Trade, Chicago, Illinois, December 4-5, 1994. (With Philip Garcia)
49. "Is There a Role for Public Sector Outlook? Academic Perspective." Free Session on The Role for Public Sector Outlook, Annual Meeting of the American Agricultural Economics Association Meetings, San Diego, California, August 7-10, 1994.
50. "The Perspective from Research." Organized Symposium on the Question of Whether All Tenured Faculty in Land Grant Colleges of Agriculture Should Carry a Three-Way Split Appointment Between Teaching, Research, and Extension, Annual Meeting of the American Agricultural Economics Association, San Diego, California, August 7-10, 1994.
51. "Research on Price Forecasting and Marketing Strategies: Improving Our Relevance." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, Chicago, Illinois, April 18-19, 1994. (With B. Wade Brorsen)

52. Irwin Scott H. "Theoretical Underpinnings of Publicly Funded Situation and Outlook Programs." Symposium on Re-Engineering Marketing Policies for Food and Agriculture, Agricultural and Food Marketing Consortium, Washington, DC, January 13-15, 1994.
53. "Expectations in Agricultural Sectors: A Review of the Concept and Its Use in Applied Research." Nordic Seminar on Risk Management in Agriculture, Copenhagen, Denmark, March 24-26, 1993. (With Cameron R. Thraen)
54. "Do Livestock Outlook Forecasts Beat the Futures Market?" Organized Symposium on Agricultural Livestock Outlook Programs: Effective Marketing Tools or Just an Academic Exercise? Annual Meeting of the American Agricultural Economics Association, Vancouver, British Columbia, August 5-8, 1990.
55. "The Economic Function of Futures Markets: Implications for Agricultural Development." Annual Conference on Problems and Perspectives of Agriculture, University of Sao Paulo, Piracicaba, Brazil, September 20, 1989.
56. "A Simulation Analysis of Commodity Options as a Policy Alternative." Symposium on Options, Futures, and Agricultural Commodity Programs, Economic Research Service, U.S. Department of Agriculture, May 9-10, 1988.
57. "Research on Agricultural Options Markets." Organized Symposium on Agricultural Options Markets and Government Policies, Annual Meeting of the American Agricultural Economics Association, Reno, Nevada, July 27-30, 1986.
58. "Analysis of Options-Type Programs." Organized Symposium on Back to the Market? - Commodity Markets as Substitutes for Federal Programs, Annual Meeting of the American Agricultural Economics Association, Ames, Iowa, August 4-7, 1985.

OTHER SCHOLARLY PRESENTATIONS⁴

1. "Anticipatory Traders and Trading Speed." Paper discussion at the Conference on New Directions in Commodity Research, J.P. Morgan Center for Commodities, Business School, University of Colorado at Denver, Denver, Colorado, August 9-11, 2017.
2. "A Test of the Intertemporal Hedging Model of the Commodities Futures Market." Paper discussion at the Annual Meeting of the Eastern Finance Association, Hot Springs, Virginia, April 5, 1991.
3. "Estimating the Bid-Ask Spread in a Heteroskedastic Market: The Case of Foreign Currency Futures." Paper discussion at the Annual Meeting of the Eastern Finance Association, Hot Springs, Virginia, April 5, 1991.

⁴ All presentations by Scott H. Irwin except where joint presentation indicated.

4. "The Expected Spot Rate and Risk Premium Components of Treasury Bill Futures Rates." Paper discussion at the Annual Meeting of the Eastern Finance Association, Hot Springs, Virginia, April 4, 1991.
5. "Commodity Futures as an Asset Class." Organized symposium presentation at the Annual Meeting of the Eastern Finance Association, Charleston, South Carolina, April 7, 1990.
6. "Hedging Price Risk to Soybean Producers with Futures and Options." Paper discussion at the Annual Meeting of the Midwest Economics Association, Cincinnati, Ohio, April 2, 1989.
7. "The Value of Improved Price Forecasts to Livestock Producers." Paper discussion at the Annual Meeting of the Midwest Economics Association, Cincinnati, Ohio, April 2, 1989.

RESEARCH SEMINARS⁵

1. "Electric Vehicles and Ethanol Demand." FACS Seminar, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, Urbana, Illinois, September 10, 2025.
2. "The Simple Analytics of the U.S. Renewable Fuel Standard." FACS Seminar, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, Urbana, Illinois, March 5, 2025.
3. "Was Allen Paul Right? Liquidation Bias in Commodity Futures Markets." FACS Seminar, Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, Urbana, Illinois, September 25, 2024.
4. "*farmdoc* at 20: Lessons Learned." College of Agricultural, Consumer, and Environmental Sciences, University of Illinois at Urbana-Champaign, Urbana, Illinois, September 12, 2019.
5. "Trilogy for Troubleshooting Convergence: Manipulation, Structural Imbalance, and Storage Rates." Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, Urbana, Illinois, May 2, 2018.
6. "Is *farmdoc* the Future of Production Ag Extension?" Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign, Urbana, Illinois, September 13, 2017.
7. "RINs and the RFS." Center for Advanced Bioenergy Research (CABER) Seminar, University of Illinois at Urbana-Champaign, February 23, 2015.

⁵ All seminars presented by Scott H. Irwin except where joint presentation indicated.

8. "The RFS, RINs, and Commodity Markets: What's All the Fuss About?" Program in Environmental and Resource Economics (pERE), University of Illinois at Urbana-Champaign, March 11, 2014.
9. "The RFS, RINs, and Gasoline Prices: Separating the Wheat from the Chaff." J.P. Morgan Center for Commodities, Business School, University of Colorado at Denver, Denver, Colorado, September 26, 2013.
10. "Bubbles, Food Prices, and Speculation: Evidence from the CFTC's Daily Large Trader Data Files." Department of Applied Economics, ESALQ, University of Sao Paulo, Piracicaba, Brazil, November 30, 2012.
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43. “[How is the “Golden Number” for the U.S. Corn Belt Working out This Year?](#)” *The Back Forty*, August 9, 2023.
44. “[Why Were Grain Prices So High in 1988 and Other Market Mysteries](#).” *The Back Forty*, March 21, 2023.
45. “[What does The Who Have to do with the U.S. Corn Trend Yield?](#)” *The Back Forty*, March 1, 2023.
46. “[Corn Trend Yield](#).” *The Back Forty*, February 21, 2023.
47. “[Tractors, Horses, and EVs](#).” *The Back Forty*, February 6, 2023.
48. “[Blue Tombstones?](#)” *The Back Forty*, January 19, 2023.
49. “[The Best Book Ever Written about Commodity Futures Markets](#).” *The Back Forty*, December 22, 2022.
50. “[Plowing Time](#).” *The Back Forty*, December 6, 2022.
51. “[One of a Kind: J. Carroll Bottum](#).” *The Back Forty*, July 14, 2022.

52. “[A Story of Redemption in Ag Economics](#).” *The Back Forty*, June 16, 2022.
53. “[Who Do I Want to Be Like When I Grow Up Professionally?](#)” *The Back Forty*, May 26, 2022.
54. “[Tarnished Gold: My All-Time Favorite Paper on Ag Policy](#).” *The Back Forty*, May 17, 2022.
55. “[The Golden Number for Illinois Agriculture](#).” *The Back Forty*, May 10, 2022.
56. “[The Two Most Important Publications in the History of Commodity Market Research](#).” *The Back Forty*, May 5, 2022.
57. “[How Fast Can the Corn Crop Really be Planted?](#)” *The Back Forty*, April 25, 2022.
58. “[And Now for Something Completely Different: How to Fake LaTeX When Writing Academic Papers](#).” *The Back Forty*, April 22, 2022.
59. “[The Heart of the Matter: A Comment on David Zilberman’s Post on Ag Economics Departments](#).” *The Back Forty*, April 21, 2022.
60. “[What We’ve Learned about Speculation](#).” *OpenMarkets*, October 24, 2012.
61. “[Index Funds and Commodity Prices. Here We Go Again](#).” *Econbrowser*, July 9, 2009.
62. Irwin, Scott “[The Misadventures of Mr. Masters: Act II](#).” *Econbrowser*, September 17, 2008.
63. “[Commodity Arbitrage](#).” *Econbrowser*, April 16, 2008.

OP-ED ARTICLES

1. “[Blaming Energy Futures for Energy’s Current Costs](#).” *Washington Times*, May 3, 2012.
2. Sanders, Dwight R., and Scott H. Irwin. “[Futures Imperfect](#).” *New York Times*, July 20, 2008.

BOOK REVIEWS

1. Irwin, Scott, and Carl Zulauf. Review of *Agricultural Options* by George Angell, *American Journal of Agricultural Economics*, 69(1987):194.

CONGRESSIONAL AND REGULATORY TESTIMONY, AND REGULATORY COMMENTS

1. Coppess, Jonathan and Scott H. Irwin. "[Comment on the Environmental Protection Agency \(EPA\) Proposed Rule: Renewable Fuel Standard Program: Standards for 2019 and Biomass-Based Diesel Volume for 2020, Docket ID No. EPA-HQ-OAR-2018-0167-0670](#)." Submitted August 18, 2018.
2. Coppess, Jonathan and Scott H. Irwin. "[Comment on Notice of Data Availability, Docket ID No. EPA-HQ-OAR-2017-0091, Concerning Potential Reductions in the Volume Requirements for 2018 Renewable Fuel and 2019 Biomass-Based Diesel under the Renewable Fuels Standard Program](#)." Submitted October 19, 2017.
3. Irwin, Scott H., and Dwight R. Sanders. "[Comment on Commodity Futures Trading Commission Rule 17 CFR Parts 1, 15, 17, 19, 32, 37, 38, 140, and 150 Position Limits for Derivatives and Aggregation of Positions](#)." Submitted June 2014, Comment No. 59987.
4. Irwin, Scott H., and Dwight R. Sanders. "[Comment on Commodity Futures Trading Commission Rule 76 FR 4752](#)." Submitted March 28, 2011, Comment No. 33820.
5. Irwin, Scott H., Darrel L. Good, Philip Garcia, and Eugene L. Kunda. "[Comments on Permanent Senate Subcommittee on Investigations Report on Excessive Speculation in the Wheat Market](#)." University of Illinois at Urbana-Champaign, July 2009.
6. Irwin, Scott H. "[Is Speculation by Long-Only Index Funds Harmful to Commodity Markets?](#)" Testimony Prepared for the U.S. House of Representatives Committee on Agriculture, July 2008.
7. Irwin, Scott H., Philip Garcia, Darrel L. Good, and Eugene L. Kunda. "[Recent Delivery Performance of CBOT Corn, Soybean, and Wheat Futures Contracts](#)." Statement to the CFTC Agricultural Forum, April 22, 2008.

INVITED PRESENTATIONS AT INDUSTRY, GOVERNMENT, AND UNIVERSITY MEETINGS⁷

1. "Biofuels Policy and the Ethanol Industry." University of Illinois Dry Grind Corn Processing Workshop, Champaign, Illinois, October 17, 2025.
2. "The Outlook for the U.S. Ethanol Sector." Lincolnland Agri-Energy Board of Directors, Pana, Illinois, August 21, 2025.
3. "The Simple Analytics of the U.S. Renewable Fuel Standard." Fastmarkets Biofuels and Feedstocks Americas Conference, Chicago, Illinois, May 6, 2025.

⁷ All presentations by Scott H. Irwin except where joint presentation indicated.

4. "The Outlook for U.S. Biofuels: Ethanol and SAF." Agricultural Leaders of Tomorrow, Illinois Farm Bureau, Rockford, Illinois, February 26, 2025.
5. "The Agricultural Outlook." Field Advisor Forum, Illinois Soybean Association, Champaign, Illinois, January 16, 2025.
6. "The Outlook for Corn Belt Agriculture." Annual Meeting of the American Society of Farm Managers and Rural Appraisers, Kansas City, Kansas, November 19, 2024.
7. "Renewable Diesel Boom and Where Biofuels are Headed." Corn Belt Seed Conference, Indiana Crop Improvement Association, Indianapolis, Indiana, November 13, 2024.
8. "Biofuels Update and Marketing Grain in a Low Margin Environment." Fall Meeting of the Illinois Farm Business Farm Management Association, October 10, 2024.
9. "Agricultural Commodity Outlook." Risk 360 Conference, Farm Credit System, Boston, Massachusetts, August 27, 2024.
10. "The RFS, Renewable Diesel, SAF, & the Future of Biofuels." Ag Banking Conference, Illinois Bankers Association, Springfield, Illinois, August 21, 2024.
11. "Update on the Renewable Diesel Boom." Soybean Association State Staff Meeting, Remote, April 16, 2024.
12. "Why I Am Not a Master Farmer." Keynote Address, Illinois Master Farmer Awards Ceremony, Bloomington, Illinois, March 28, 2024.
13. "Back to the Futures and Grain Marketing." Agricultural Leaders of Tomorrow, Illinois Farm Bureau, Rend Lake Community College, Ina, Illinois, March 5, 2024.
14. "Biofuels Outlook." Agricultural Leaders of Tomorrow, Illinois Farm Bureau, Rockford, Illinois, February 26, 2025.
15. "Renewable Diesel Production." Iowa Agribusiness Showcase, Altoona, Iowa, February 12, 2024.
16. "Biofuels and Soybeans: What Does the Future Look Like?" Top Farmer Seminar, Purdue University, West Lafayette, Indiana, January 5, 2024.
17. "Implications of The Renewable Diesel Boom for Grain and Oilseed Markets." 2023 Minnesota Crop Insurance Conference, Mankato, Minnesota, Remote, September 14, 2023.
18. "The Future of Biofuels...It's Complicated." Keynote address to Agricultural Conference on Biofuels in the Midwest: Today and Tomorrow, Federal Reserve Bank of Chicago, Virtual, November 30, 2021.

19. "The State of the RFS." Keynote address to 11th Annual RFS2, RINs, and Biodiesel Conference, Oil Price Information Service (OPIS), Virtual, September 14, 2020.
20. "The State of the RFS." 10th Annual RFS2, RINs, and Biodiesel Conference, Oil Price Information Service (OPIS), Chicago, Illinois, October 2, 2018.
21. "The Renewable Fuel Standard: Compliance and Stakeholder Perspectives." Workshop for U.S. Congressional Research Service Staff, Washington, D.C., September 20, 2018. (With James H. Stock)
22. "So is Bio Diesel Going to be the Next Really BIG Driver of Demand or Not?" 2019 Annual Meeting of the Association of Agricultural Production Executives (AAPEX), New Orleans, Louisiana, February 1, 2018.
23. "The State of the U.S. Biofuels Industry and Where It's Headed." Keynote address to 9th Annual RFS2, RINs, and Biodiesel Conference, Oil Price Information Service (OPIS), Chicago, Illinois, October 3, 2017.
24. "The *farmdoc* Project as R&D." Agricultural Markets Advisory Council, CME Group, Inc., Chicago, Illinois, September 20, 2017.
25. "USDA Crop and Livestock Reports." Seminar for U.S. Congressional Staffers sponsored by the Council on Food, Agricultural, and Resource Economics (C-FARE), Washington, D.C., June 25, 2015.
26. "The Future of the Renewable Fuel Standard." Panel discussion sponsored by the Center on Global Energy at Columbia University, Washington, D.C., June 16, 2015.
27. "Will the EPA Reverse Itself on the Write Down of the Renewable Mandate? The Message from the RINs Market." Energy Biosciences Institute (IBI) Biofuels Law and Regulation Conference, University of Illinois at Urbana-Champaign, Urbana, Illinois, May 2, 2014.
28. "Grain Stocks Estimates: Can Anything Explain the Market Surprises of Recent Years?" Feed Grains Session, USDA Agricultural Outlook Forum, Washington, D.C., February 21, 2014.
29. "Economics of Big Data in Agriculture." Big Data Summit: From Buzz to the Biz of Business Data, Research Park, University of Illinois at Urbana-Champaign, Urbana, Illinois, December 6, 2013.
30. "Structural Change in Agricultural Futures Markets: What Have We Wrought?" Conference on Taming Agricultural Risks, Federal Reserve Bank of Chicago, Chicago, Illinois, November 19, 2013.

31. "The RFS and Grain and Oilseed Markets: All Eyes on the EPA." Conference on Farmland Markets: Profitability and Future Perspectives, TIAA-CREF Center for Farmland Research, University of Illinois at Urbana-Champaign, Urbana, Illinois, November 13, 2013.
32. "The RFS and Grain and Oilseed Markets: All Eyes on the EPA." American Farm Bureau Federation (AFBF) Commodity Outlook Conference, Reno, Nevada, October 17-18, 2013.
33. "The RFS and Grain and Oilseed Markets: All Eyes on the EPA." Keynote Address to Agricultural Risk and Profits Conference, Kansas State University, Manhattan, Kansas, August 10, 2013.
34. "The RFS and Grain and Oilseed Markets: All Eyes on the EPA." Top Farmer Workshop, Purdue University, West Lafayette, Indiana, July 10, 2013.
35. "Up, Up, and Away: What's the Real Story on RINs?" Energy Biosciences Institute (IBI) Biofuels Law and Regulation Conference, University of Illinois at Urbana-Champaign, Urbana, Illinois, March 19, 2013.
36. "Grain Market Volatility." Plenary Session on Managing Risk in Today's Markets, USDA Agricultural Outlook Forum, Washington, D.C., February 21, 2013.
37. "Biofuel Policies and their Implications for the Grain and Oilseed Markets." BMF Futures Exchange, Sao Paulo, Brazil, November 29, 2012.
38. "Farming is Fun!" Phoenix Agricultural Club, Phoenix, Arizona, February 21, 2012.
39. "U.S. Corn Yield." Morgan Stanley Commodity Conference, Boston, Massachusetts, December 14, 2011.
40. "Economic Value of Agricultural Data." Data Collection on Agriculture in a Time of Fiscal Constraints, Farm Foundation Forum, Washington, D.C., September 13, 2011.
41. "Recent Convergence Performance of Grain Futures." Illinois Farm Bureau Markets Task Force, Bloomington, Illinois, August 23, 2011.
42. "The New Price Plateau." Top Farmer Workshop, Purdue University, West Lafayette, Indiana, July 18, 2011.
43. "When to Sell Corn and Soybeans in Illinois." FCS Crop Insurance College 2010, Champaign, Illinois, November 11, 2010.
44. "The Role of Index Funds in the Recent Commodity Price Boom and Bust." TCC Roundtable, Illini Center, Chicago, Illinois, October 7, 2009.
45. "Poor Convergence Performance of CBOT Corn, Soybean, and Wheat Futures Contracts: Causes and Solutions." World Trading Unit, Cargill International SA, Geneva, Switzerland, September 29, 2009.

46. "Poor Convergence Performance of CBOT Corn, Soybean, and Wheat Futures Contracts: Causes and Solutions." Illinois Farm Bureau Task Force on Convergence, Bloomington, Illinois, March 24, 2009.
47. "Recent Delivery Performance of CBOT Corn, Soybean, and Wheat Futures Contracts." Presentation to CME Group and CFTC Staff, Chicago, Illinois, September 30, 2008.
48. "300 Bushels in Every Field: The Rising Debate about Corn Trend Yields." Top Farmer Workshop, Purdue University, West Lafayette, Indiana, July 23, 2008.
49. "The *farmdoc* Project: This is Still Your Father's Extension Program." Annual Meeting of the Illinois Council for Agricultural Research (CFAR), Springfield, Illinois, February 20, 2007.
50. "The *farmdoc* Project: This is Still Your Father's Extension Program." CSREES Administrators, Washington, DC, November 15, 2006.
51. "The *farmdoc* Project: This is Still Your Father's Extension Program." USDA Economists Group, Washington, DC, November 15, 2006.
52. "Performance of Market Advisory Services." Top Farmer Workshop, Purdue University, Lafayette, Indiana, July 19, 2006.
53. "The Performance of Market Advisory Services in Corn and Soybeans." National French Federation of Agro Farms Suppliers, Chicago, Illinois, June 7, 2006.
54. "Overview of the *farmdoc* Project." Annual Meeting of the American Society of Farm Managers and Rural Appraisers, Austin, Texas, October 8, 2005.
55. "A Systematic and Disciplined Approach to Grain Marketing." and "Risk Assessment for New Generation Grain Contracts." National Feed and Grain Dealers Association Country Elevator Meeting, Denver, Colorado, December 7, 2004.
56. "Overview of Recent Marketing and Price Analysis Research at the University of Illinois." Club Demeter Forum, Chicago, Illinois, May 14, 2004.
57. "Are Futures Markets More or Less Important in Price Discovery?" USDA Agricultural Outlook Forum 2003, Washington, DC, February 21, 2003.
58. "A Farmer's Guide to Market Advisory Services." Top Farmer Workshop, Purdue University, Lafayette, Indiana, July 23, 2002.
59. "*farmdoc* Overview." North Central Regional Risk Management Center Workshop, Des Moines, Iowa October 16, 2001.
60. "Putting the Risk Protection Act of 2000 to Work: Applied Marketing Strategies." USDA Agricultural Outlook Forum 2001, Washington, DC, February 22, 2001.

61. "A Farmer's Guide to Market Advisory Services." Top Producer Marketing Seminar, Chicago, Illinois, January 26, 2001.
62. "The Impact of WASDE Reports in Corn and Soybean Markets." WAOB/ICEC Review Forum, U.S. Department of Agriculture, Washington, DC, December 14, 2000.
63. "A Farmer's Guide to Market Advisory Services." West Central Cooperative Marketing Seminar, Adair, Iowa, June 13, 2000.
64. "Evaluation of Market Advisory Services." Annual Meeting of the Independent Community Bankers Association, San Antonio, Texas, March 7, 2000.
65. "Commodity Funds and Price Discovery in Agricultural Futures Markets." Board of Directors of the Illinois Farm Bureau, Bloomington, Illinois, November 18, 1999
66. "A Guide to Market Advisory Services." FBFM In-Service Training Workshop, Springfield, Illinois, September 23, 1999.
67. "A Consumer's Guide to Market Advisory Services." Top Producer Marketing Seminar, Lincoln, Nebraska, July 31, 1999.
68. "Are Hog and Cattle Futures Prices Biased?" National Pork Producer Council Task Force on Price Discovery, Chicago, Illinois, July 8, 1999. (With Carl R. Zulauf and Kimberley Coltmann)
69. "Performance of Farm Market Advisory Services." Top Farmer Workshop, Purdue University, West Lafayette, Indiana, July 29, 1998.
70. "AgRisk." Marketing Workshop, Educational and Leadership Development Program, Illinois Soybean Association, Bloomington, Illinois, June 9, 1998.
71. "AgRisk: A New Risk Management Decision Tool." Rain and Hail LLC Adjusters Seminar, Bloomington, Illinois, April 2, 1998.
72. "Selecting a Market Advisory Service." Annual Agribusiness Conference, Arkansas State University, Jonesboro, Arkansas, February 11, 1998.
73. "AgRisk: A New Risk Management Decision Tool." Annual Meeting of the Association of Illinois Crop Insurance Agents, Springfield, Illinois, February 5, 1998.
74. "AgRisk: A New Risk Management Decision Tool." Illinois Farm Financial Conference, Urbana, Illinois, January 16, 1998.
75. "AgMAS and AgRisk Projects." Annual Meeting of the American Farm Bureau Federation, Charlotte, North Carolina, January 11, 1998.

76. "The Agricultural Market Advisory Service (AgMAS) Project: What Have We Learned about Marketing Performance and Behavior?" Market Information Workshop, Economic Research Service, U.S. Department of Agriculture, Washington, DC, November 21, 1997.
77. "What is AgMAS?" Illinois Farm Business Management Fall Conference, Urbana, Illinois, October 8, 1997. (With Thomas E. Jackson)
78. "AgMAS and AgRisk Projects." Agricultural Commodity Roundtable Meeting, American Farm Bureau Federation, Chicago, Illinois, August 20, 1997.
79. "Risk Analysis Tools and Financial Engineering." Crop Insurance College for Professional Insurance Agents of Minnesota, Minneapolis, Minnesota, July 22, 1997.
80. "Evaluation of Market Advisory Services." Annual Meeting of the Ohio Society of Professional Farm Managers and Rural Appraisers, Columbus, Ohio, January 30, 1997.
81. "Agricultural Risk Management: A Financial Economics Approach." Forum on Risk Management, Kansas City, Kansas December 16-17, 1996.
82. "AgMAS: A Study of the Performance of the Agricultural Market Advisory Services." Agricultural Advisory Committee of the Commodity Futures Trading Commission, Washington, DC, October 2, 1996.
83. "AgRisk: A Financial Engineering Approach to Risk Management for Agricultural Firms." Agricultural Advisory Committee of the Commodity Futures Trading Commission, Washington, DC, October 2, 1996.
84. "Risk Management Programs." 1996 Farm Bill Education Training Workshop, Kansas City, Kansas, April 15-16, 1996.
85. "The Predictability of Managed Futures Returns." *Pensions and Investments* Symposium on Risk Management, New York, New York, December 5-6, 1995.
86. "The Market Impact of Managed Futures Trading." Third Annual Risk Management Symposium, Chicago Mercantile Exchange, Chicago, Illinois, October 18, 1995.
87. "Commodity and Financial Futures Markets." Pioneer Institute, Chicago, Illinois, June 20, 1995.
88. "The Economics of Managed Futures." Second Annual Risk Management Symposium, Chicago Mercantile Exchange, Chicago, Illinois, November 1-3, 1994.
89. "Multi-Advisor Fund Performance: The Evidence." Forum for Managed Futures and Derivatives." New York, New York, June 27-July 1, 1994.
90. "The Debate over the Sources of Managed Futures Returns." First Annual Risk Management Symposium, Chicago, Illinois, August 23, 1993.

91. "The Predictability of Managed Futures Returns." Fourth Annual Managed Futures Symposium, Chicago, Illinois, October 2, 1992.
92. "Investment in Managed Futures by Public and Private Pension Funds: Academic Perspective." 1992 Mid-Year Conference on Futures Money Management, Chicago, Illinois, July 31, 1992.
93. "The Predictability of CTA Returns." 1992 Mid-Year Conference on Futures Money Management, Chicago, Illinois, July 30, 1992.
94. "Overview of Studies on Managed Futures." Second Conference of Illinois Public Pension Funds, Chicago, Illinois, July 24, 1992.
95. "Managed Futures in an Institutional Portfolio: The Benefits of Diversification." Second Annual Nordic Conference on Managed Futures, Stockholm, Sweden, June 9, 1992.
96. "Investment in Managed Futures by Public and Private Pension Funds: Academic Perspective." Annual Meeting of the Futures Industry Association, Boca Raton, Florida, March 19, 1992.
97. "Managed Futures for Institutional Investors." Futures and Options Society of Chicago, Chicago, Illinois, February 11, 1992.
98. "Managed Futures in an Institutional Portfolio: The Benefits of Diversification." Bank of America Symposium on Managed Futures as an Alternative Medium for Institutional Investors, Tokyo, Japan, October 2, 1991.
99. "The Benefits of Diversification Through Managed Futures." Annual Retreat for the Virginia Retirement System Board of Trustees, Tidewater, Virginia, July 18, 1991.
100. "Managed Futures in a Pension Portfolio: The Historical Evidence Third Annual Managed Futures Symposium, New York, New York, May 2, 1991.
101. "The Role of Managed Futures in Institutional Portfolios." Board of Trustees of the Virginia Retirement System and the Board of Trustees of the University of Virginia, Richmond, Virginia, January 23, 1991.
102. "Picking Up Profits from the Market: How Easy Is It and What You Will Need!" Farm Forum Session on Marketing in a Competitive World, Purdue University, West Lafayette, Indiana, January 30, 1991.
103. "The Place for Managed Futures in an Institutional Investment Portfolio." First Annual International Managed Futures Symposium, Geneva, Switzerland, November 29, 1990.
104. "Portfolio Issues Affecting Alternative Assets." Alternative Assets for Institutions Seminar, Washington, DC, November 14, 1990.

105. "Comparing Managed Futures to Traditional Asset Class Investments." Managed Futures Investing Seminar, New York, New York, July 17, 1990.
106. "The Role of Managed Futures in Pension Portfolios." Second Annual Managed Futures Symposium, New York, New York, May 3, 1990.
107. "Public Futures Funds as an Alternative Asset Class for Pension Funds." First Annual Managed Futures Symposium, New York, New York, June 14, 1989.
108. "Public Futures Funds." Annual Meeting of the National Association of Futures Trading Advisors, New York, New York, May 3, 1985.
109. "Analysis of 1983 Feed Grain and Wheat Program." American Soybean Association Reduced Acreage Conference, St. Louis, Missouri, December 15, 1982. (With J. William Uhrig)
110. "The Interest Rate Outlook for 1981-82." Agricultural County Extension Agent Training Meeting, Purdue University, November 18, 1981.

WEBINARS

1. Irwin, Scott. "[The Future of Biofuels: Biofuels in the Economy and Decarbonization Pathways](#)." Resources for the Future webinar, November 7, 2025.
2. Irwin, Scott. "[Biofuel Analysts Go on Record – How Do Your Views Stack Up?](#)" Bloomberg webinar, July 15, 2025.
3. Irwin, Scott. "[The Outlook for U.S. Biofuels: FAME Biodiesel and Renewable Diesel](#)." *farmdoc* webinar, December 11, 2024.
4. Irwin, Scott. "[The Outlook for U.S. Biofuels: Ethanol and SAF](#)." *farmdoc* webinar, December 4, 2024.
5. Hubbs, Todd, Steven Ramsey, Scott Irwin, and Maria Gerveni. "The U.S. Renewable Diesel Boom." USDA/ERS webinar, March 26, 2024.
6. Irwin, Scott. "[The Renewable Diesel Boom: What Does the Future Look Like?](#)" *farmdoc* webinar, February 22, 2024.
7. Irwin, Scott and Joe Janzen. "[Grain Market Outlook](#)." *farmdoc* webinar, February 8, 2024.
8. Janzen, Joe, Joana Colussi, Bruce Sherrick, Jonathan Coppess, Nick Paulson, and Scott Irwin. "[IFES Online: Presenter Round Table Wrap Up](#)." *farmdoc* webinar, February 23, 2023.

9. Janzen, Joe and Scott Irwin. "[IFES Online: Grain Market Outlook for 2023](#)." *farmdoc* webinar, January 19, 2023.
10. Irwin, Scott and Joe Janzen. "[Updated Supply and Demand for Corn and Soybeans](#)." *farmdoc* webinar, June 30, 2022.
11. Irwin, Scott and Joe Janzen. "[Implications of USDA Grain Stocks and Prospective Plant-ings Reports for Corn and Soybean Prices](#)." *farmdoc* webinar, March 31, 2022.
12. Irwin, Scott and Joe Janzen. "[2021/22 Market Outlook for Corn and Soybeans](#)." *farmdoc* webinar, September 16, 2021.
13. Irwin, Scott and Gary Schnitkey. "[Acreage Decisions in 2021](#)." *farmdoc* webinar, February 18, 2021.
14. Irwin, Scott and Joe Janzen. "[2021 Market Outlook for Corn and Soybeans](#)." *farmdoc* webinar, December 1, 2020.
15. Hubbs, Todd and Scott Irwin. "[Updated Supply and Demand for Corn and Soybeans](#)." *farmdoc* webinar, August 12, 2020.
16. Hubbs, Todd and Scott Irwin. "[Updated Supply and Demand for Corn and Soybeans](#)." *farmdoc* webinar, June 30, 2020.
17. Moseby, Eric, Todd Hubbs, and Scott Irwin. "[What is the Outlook for the Ethanol Industry Going Forward?](#)" *farmdoc* webinar, May 19, 2020.
18. Irwin, Scott and Jayson Lusk. "[The Impact of the Coronavirus Pandemic on Food Prices and Retail Food Sector](#)." *farmdoc* webinar, April 21, 2020.
19. Irwin, Scott and Jeff Bunting. "[Scott Irwin and Jeff Bunting on Crop Supply Logistics This Spring](#)." *farmdoc* webinar, April 14, 2020.
20. Hubbs, Todd and Scott Irwin. "[Updated Supply and Demand for Corn and Soybeans](#)." *farmdoc* webinar, March 31, 2020.
21. Coppess, Jonathan, Todd Hubbs, Scott Irwin, Nick Paulson, and Gary Schnitkey. "[Setting the Stage](#)." *farmdoc* webinar, March 20, 2020.
22. Hubbs, Todd and Scott Irwin. "[Updated Supply and Demand for Corn and Soybeans](#)." *farmdoc* webinar, January 10, 2020.
23. Hubbs, Todd and Scott Irwin. "[Updated Supply, Demand and Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, October 10, 2019.
24. Irwin, Scott. "[Is farmdoc the Future of Agricultural Extension?](#)" *farmdoc* webinar, September 10, 2019.

25. Hubbs, Todd and Scott Irwin. "[Updated Supply/Demand/Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, August 13, 2019.
26. Irwin, Scott. "[SREs and Biofuels Demand Destruction](#)." *farmdoc* webinar, July 3, 2019.
27. Hubbs, Todd and Scott Irwin. "[Updated Supply/Demand/Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, June 28, 2019.
28. Hubbs, Todd and Scott Irwin. "[Implications of USDA Grain Stocks and Prospective Plantings Reports for Corn and Soybean Prices](#)." *farmdoc* webinar, March 29, 2019.
29. Hubbs, Todd and Scott Irwin. "[Updated Supply, Demand and Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, August 10, 2018.
30. Hubbs, Todd and Scott Irwin. "[Updated Supply, Demand and Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, June 29, 2018.
31. Hubbs, Todd and Scott Irwin. "[Implications of USDA Grain Stocks and Prospective Plantings Reports for Corn and Soybean Prices](#)." *farmdoc* webinar, March 30, 2018.
32. Hubbs, Todd, Scott Irwin, and Darrel Good. "[Updated 2016-17 and 2017-18 Supply/Demand/Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, June 30, 2017.
33. Irwin, Scott, Darrel Good, and Todd Hubbs. "[Implications of USDA Grain Stocks and Prospective Plantings Reports for Corn and Soybean Prices](#)." *farmdoc* webinar, April 3, 2017.
34. Irwin, Scott and Darrel Good. "[Updated 2016-17 Supply, Demand and Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, August 15, 2016.
35. Irwin, Scott and Darrel Good. "[Updated Supply, Demand and Price Prospects for Corn and Soybeans](#)." *farmdoc* webinar, July 1, 2016.
36. Irwin, Scott and Darrel Good. "[Crop Price Implications of USDA Grain Stocks](#)." *farmdoc* webinar, April 1, 2016.
37. Irwin, Scott, Darrel Good, and John Newton. "[New Crop Corn and Soybean Marketing Decisions](#)." *farmdoc* webinar, April 1, 2015.
38. Good, Darrel and Scott Irwin. "[Outlook for Corn and Soybean Prices – USDA June 2014 Estimates](#)." *farmdoc* webinar, July 1, 2014.
39. Good, Darrel and Scott Irwin. "[Implications of USDA's March 1 Grain Stocks and Prospective Plantings Reports](#)." *farmdoc* webinar, April 1, 2014.

PODCASTS⁸

1. [Back to the Futures, 45Z, and CI Scores](#). Nebraska CropWatch, August 5, 2025.
2. [The Grain Feed – Interview with Dr. Scott Irwin: Trade Wars, Weather Woes & Planting Puzzles](#). Ever.Ag, April 16, 2025
3. [U.S. Corn and Soybean: How Does the USDA Calculate Yields?](#) Argus Media, August 9, 2024.
4. [AOA Wednesday Interview](#). Agriculture of America, May 22, 2024.
1. [Scott Irwin on Commodity Markets + Bearish Times Driving Innovation](#). AgriNovus Indiana, April 22, 2024.
2. [The Grain Feed](#). Ever.Ag, March 14, 2024.
3. [Back to the Futures–Dr. Scott Irwin](#). AgricultureReporting.com, December 21, 2023.
4. [Tillage Podcast: US Expert Talks Crop Insurance and Grain Markets](#). Irish Farmers Journal, December 7, 2023.
5. [The Grain Feed](#). Ever.Ag, October 13, 2023.
6. [Why You Should Understand Futures Trading](#). Illinois Public Media: The 21st Show, September 14, 2023.
7. [What Are the Supply and Demand Drivers of the Ag Futures Market?](#) NASDAQ, September 11, 2023.
8. [Engaging, Educating and Evolving for Scott Irwin](#). Market to Market, August 14, 2023.
9. [Back to Ag Futures with Scott Irwin](#). HC Insider Podcast, July 11, 2023.
10. [Days of Futures Past with Scott Irwin](#). Smarter Markets Podcast, May 13, 2023.
11. [A Conversation with Scott Irwin about Back to the Futures](#) RFD Profit Watch hosted by DeLoss Jahnke, May 3, 2023.
12. [A Conversation with Scott Irwin about Back to the Futures](#) Commodity Conversations hosted by Jonathan Kingsman, April 30, 2023.
13. [I'm Game Podcast Interview with Fred Kroner about Back to the Futures](#). Mahomet Daily, March 24, 2023.
14. [Why the Global Food Shortage Is a Myth](#). Silverado, August 31, 2022.

⁸ All podcast presentations by Scott H. Irwin except where joint presentation is indicated.

15. [Food Security in Times of Crisis](#). INTA Pergamino, May 23, 2022.
16. [Oddlots Podcast: A Historic Disruption to The World's Wheat Supply](#). Bloomberg, March 23, 2022.

COMPUTER SOFTWARE⁹

1. Schnitkey, Gary, Linwood Hoffman, Darrel Good, Scott Irwin, and Ryan Batts. *2009 ACRE Payment Estimator*, December 2009.
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