

Address

468E Heady Hall
Department of Economics
Iowa State University
Ames IA 50011-1070
(515) 294-9911
chart@iastate.edu

Education

Iowa State University, Ames, Iowa
Doctor of Philosophy, May 1999
Co-majors: Economics and Statistics
Fields of Interest: Econometrics, Consumption and Demand Analysis, and International
Economics
Major Professors: Dr. Sergio H. Lence and Dr. Alicia L. Carriquiry
Dissertation Topic: Analysis of agricultural investment and the influence of internal
financial variables.

Southwest Missouri State University, Springfield, Missouri
Bachelor of Science, May 1991
Major: Economics
Minors: Astronomy, History, and Mathematics

Experience

Assistant Professor, August 2008 – present
Department of Economics
Iowa State University, Ames, Iowa
Serving as grain markets specialist for the department.

Scientist, March 2002 – July 2008
Center for Agricultural and Rural Development
Iowa State University, Ames, Iowa
Under the direction of Dr. Bruce A. Babcock.
Lead the Biorenewables Policy division in CARD.
Conduct empirical research on biorenewable products, agricultural policy, and crop
insurance; maintain the CARD loan deficiency payment web site.

Experience (continued)

U.S. Policy and Insurance Specialist, May 1996 – July 2008

Food and Agricultural Policy Research Institute

Iowa State University, Ames, Iowa

Under the direction of Dr. Bruce A. Babcock, Dr. John Beghin, and Dr. Dermot J. Hayes.
Maintain the FAPRI crop insurance model and conduct empirical research in agricultural policy and crop insurance.

Associate Scientist, March 2000 - March 2002

Center for Agricultural and Rural Development

Iowa State University, Ames, Iowa

Under the direction of Dr. Bruce A. Babcock.
Conduct empirical research in agricultural policy and crop insurance.

Postdoctoral Research Associate, May 1999 - February 2000

Center for Agricultural and Rural Development

Iowa State University, Ames, Iowa

Under the direction of Dr. Bruce A. Babcock.
Conducted empirical research in agricultural policy and crop insurance.

Experiment Assistant, Fall 1997 - Spring 1998

Iowa State University, Ames, Iowa

Under Dr. Sergio H. Lence, Department of Economics.
Guided student participants through an economic experiment on auctions.

Consultant, May 1996 - August 1996

Farm Bureau Financial Services, West Des Moines, Iowa

With Dr. Dermot J. Hayes and Dr. Bruce A. Babcock, Department of Economics, Iowa State University, Ames, Iowa.

Conducted empirical research for the revenue assurance crop insurance proposal.
Co-authored the Revenue Assurance crop insurance proposal.

Research Assistant, August 1991 - May 1996

Center for Agricultural and Rural Development

Iowa State University, Ames, Iowa

Under the direction of Dr. Dermot J. Hayes and Dr. William H. Meyers.
Conducted empirical research in a variety of areas including international economics, demand analysis, agricultural policy, and crop insurance.

SOAR Leader, Summer 1989, 1990

Southwest Missouri State University, Springfield, Missouri

Served as a student advisor and tour guide.

Publications

Articles in Academic Journals

- (with Nick D. Paulson and Dermot J. Hayes). "A Spatial Bayesian Approach to Weather Derivatives." *Agricultural Finance Review* forthcoming.
- (with Hongli Feng). "Willingness to Pay for Surplus Sugar in the United States." *Contemporary Economic Policy* forthcoming.
- (with Dermot J. Hayes, Bruce A. Babcock, Jacinto F. Fabiosa, Simla Tokgoz, Amani Elobeid, Tun-Hsiang Yu, Fengxia Dong, Wyatt Thompson, Seth Meyer, Edward Chavez, and Suwen Pan). "Biofuels: Potential Production Capacity, Effects on Grain and Livestock Sectors, and Implications for Food Prices and Consumers." *Journal of Agricultural and Applied Economics* 41(2009):465-491.
- (with Simla Tokgoz, Amani Elobeid, Jacinto Fabiosa, Dermot J. Hayes, Bruce A. Babcock, Tun-Hsiang Yu, and Fengxia Dong). "Bottlenecks, Drought, and Oil Price Spikes: Impact on U.S. Ethanol and Agricultural Sectors." *Review of Agricultural Economics* 30(2008):604-622.
- (with Nick D. Paulson, Bruce A. Babcock, and Dermot J. Hayes). "An Insurance Approach to Risk Management in the Ethanol Industry." *Agricultural and Resource Economics Review* 37(2008):51-62.
- (with Miguel Carriquiry and Bruce A. Babcock). "Using a Farmer's Beta for Improved Estimation of Expected Yields." *Journal of Agricultural and Resource Economics* 33(2008):52-68.
- (with Amani Elobeid). "Ethanol Expansion in the Food versus Fuel Debate: How Will Developing Countries Fair?" *Journal of Agricultural and Food Industrial Organization* 5(2007):Article 6.
- (with Amani Elobeid, Simla Tokgoz, Dermot J. Hayes, and Bruce A. Babcock). "The Long-Run Impact of Corn-Based Ethanol on the Grain, Oilseed, and Livestock Sectors: A Preliminary Assessment." *AgBioForum* 10(2007):11-18.
- (with Patrick Westhoff and Scott Brown). "When Point Estimates Miss the Point: Stochastic Modeling of WTO Restrictions." *Journal of International Agricultural Trade and Development* 2(2006):87-107.
- (with Dermot J. Hayes and Bruce A. Babcock). "Insuring Eggs in Baskets: Should the Government Insure Individual Risks?" *Canadian Journal of Agricultural Economics*, 54(2006):121-137.
- (with Bruce A. Babcock and Dermot J. Hayes). "Actuarial Fairness of Crop Insurance Rates with Constant Rate Relativities." *American Journal of Agricultural Economics* 86(2004):563-575.
- (with Sergio H. Lence). "Financial Constraints and Farm Investment: A Bayesian Examination." *Journal of Business and Economic Statistics* 22(2004):51-63.
- (with Bruce A. Babcock). "U.S. Farm Policy and the WTO: How Do They Match Up?" *The Estey Centre Journal of International Law and Trade Policy* 3(2002):119-139.
- (with Bruce A. Babcock and Dermot J. Hayes). "Livestock Revenue Insurance." *The Journal of Futures Markets* 21(2001):553-580.
- (with Sergio H. Lence). "Index Models and Land Allocation Reconsidered." *Canadian Journal of Agricultural Economics* 45(1997):267-284.

Articles Submitted to Academic Journals

(with Silvia Secchi, Lyubov Kurkalova, and Philip W. Gassman). "Land Use Change on the Intensive and Extensive Margin in a Biofuels Hotspot: The Case of Iowa, USA." Under review.

Peer Reviewed Extension Publications

(with Lisa Schulte Moore, Heidi Asbjornsen, Ryan Atwell, Matt Helmers, Tom Isenhardt, Randy Kolka, Matt Liebman, Jeri Neal, Matt O'Neal, Silvia Secchi, Richard C. Schultz, Jan Thompson, Mark Tomer, and John Tyndall). "A Targeted Conservation Approach for Improving Environmental Quality: Multiple Benefits and Expanded Opportunities." PMR 1002, University Extension, Iowa State University, Ames, Iowa. December 2008.

Book Chapters

"The Current State of Federally-Supported Livestock Insurance." Chapter 14 in *The Economics of Livestock Disease Insurance: Concepts, Issues and International Case Studies*. Edited by S. R. Koontz, D. L. Hoag, D. D. Thilmany, J. W. Green, and J. L. Grannis. Wallingford: CABI Publishing. 2006.

(with John C. Beghin). "Rethinking Agricultural Domestic Support under the World Trade Organization." Chapter 8 in *Agricultural Trade Reform and the Doha Development Agenda*. Edited by K. Anderson and W. Martin. Basingstoke, U.K.: Palgrave Macmillan and The World Bank. 2006.

(with Bruce A. Babcock and Andrea Stoppa). "The Management of Agricultural Risk in the USA." *The Management of Risk in Agriculture: Tools and Politics*. Volume 6 of the Notebooks of the International Forum of Agriculture and Feed. Rome, Italy: The International Forum of Agriculture and Feed. October 2004. p. 99-117. In Italian.

(with William H. Meyers and Michael D. Helmar). "Modelling the Outcomes of CAP Reform." Chapter 5 in *The Reform of the Common Agricultural Policy*. Edited by K. A. Ingersent, A. J. Rayner, and R. C. Hine. London: Macmillan Press. 1998.

Proceedings Papers

"Feed for Fuel: Coping with the new reality." *Proceedings of the 2009 Annual Meeting of the Western Canadian Association of Swine Veterinarians*. Saskatoon, Canada, 2009, p. 3-16.

(with Sergio H. Lence). "Bayesian Examination of Financial Constraints and Farm Investment." *Proceedings of the Annual Meeting of the NC-221 Committee on Financing Agriculture and Rural America: Issues of Policy, Structure, and Technical Change, Denver, Colorado, October 7-8, 2002*. South Dakota State University, Department of Economics, Economics Pamphlet 2003-1, 2003, p. 203-215.

(with Samarendu Mohanty and Darnell B. Smith). "Estimating Expected Per Acre Indemnities of Yield and Revenue Insurance Products." *Proceedings of the NCR-134 Conference: Applied Commodity Price Analysis, Forecasting, and Market Risk Management*. B. Wade Brorsen, editor, Oklahoma State University, Stillwater, Oklahoma, 1997, p. 84-93.

(with Darnell B. Smith and John R. Kruse). "The Dynamics of Flex." *Proceedings of the NCR-134 Conference: Applied Commodity Price Analysis, Forecasting, and Market Risk Management*. B. Wade Brorsen, editor, Oklahoma State University, Stillwater, Oklahoma, 1995, p. 78-96.

Other Articles and Papers

- “A Double Helping of USDA Reports.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. April 2010. p. 2-5.
- “Projected Demand for Iowa Crops.” *Integrated Crop Management News*. Iowa State University Extension, Ames, Iowa. March 2010.
- “A Preview on the 2010 Crop Year.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. March 2010. p. 3-5.
- “Crop Markets Remain Under Pressure.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. February 2010. p. 3-4.
- “Closing Out 2009 On a Positive Note.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. January 2010. p. 3-5.
- “Wrapping Up Harvest.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. December 2009. p. 3-6.
- “Has It Stopped Raining Yet?” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. November 2009. p. 3-4.
- “Harvest Progress, Frosts, and Ending Stocks.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. October 2009. p. 4-6.
- “2009 Crop Year is Mirror Image of 2008.” *Integrated Crop Management News*. Iowa State University Extension, Ames, Iowa. September 2009.
- “Frost Concerns and Demand Signals.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. September 2009. p. 3-5.
- (with Tun-Hsiang Yu). “The 2007/08 Iowa Grain and Biofuel Flow Study: A Survey Report.” Staff Report 09-SR 103. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. August 2009.
- “Acreage Resurveys and Weather Patterns: A Repeat of 2008?” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. August 2009. p. 3-5.
- (with Sergio Lence and Dermot Hayes). “An Econometric Analysis of the Structure of Commodity Futures Prices.” A Poster Paper. AAEA & ACCI 2009 Joint Annual Meeting. Milwaukee, Wisconsin. July 26-28, 2009.
- “Stocks, Acreage, and Surprises.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. July 2009. p. 2-5.
- “Planting Delays and Higher Prices.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. June 2009. p. 3-6.
- “May Crop Outlook.” *Integrated Crop Management News*. Iowa State University Extension, Ames, Iowa. May 2009.
- “Springtime in Iowa.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. May 2009. p. 3-5.
- “2008 Stocks and 2009 Acreage.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. April 2009. p. 3-5.
- (with Dermot J. Hayes, Bruce A. Babcock, Jacinto F. Fabiosa, Simla Tokgoz, Amani Elobeid, Tun-Hsiang Yu, Fengxia Dong, Edward Chavez, Suwen Pan, Miguel Carriquiry, and Jerome Dumortier). “Biofuels: Potential Production Capacity, Effects on Grain and Livestock Sectors, and Implications for Food Prices and Consumers.” Working Paper 09-WP 487. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. March 2009.

- “The Early Word on 2009.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. March 2009. p. 3-5.
- “Sizing Up Biofuel and Export Demand.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. February 2009. p. 3-6.
- “Watching The Export Markets.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. January 2009. p. 3-5.
- “Crop Prices Have Separated from Oil Prices.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. December 2008. p. 5-7.
- “Crop Market Outlook.” *Integrated Crop Management News*. Iowa State University Extension, Ames, Iowa. December 2008.
- “Slight Adjustments in November.” Short No. 811, via the Iowa Farm Outlook website, Department of Economics, Iowa State University, Ames, Iowa. November 2008.
- “USDA Report Corrections and Crop Outlooks.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. November 2008. p. 2-5.
- (with Tun-Hsiang Yu). “The 2006/07 Iowa Grain and Biofuel Flow Study: A Survey Report.” Staff Report 08-SR 102. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. October 2008.
- “Crop Production and Outlook.” *Integrated Crop Management News*. Iowa State University Extension, Ames, Iowa. October 2008.
- “Crop Production and Outlook - The Demand Side.” *Integrated Crop Management News*. Iowa State University Extension, Ames, Iowa. October 2008.
- “October 2008 Crop Production and Outlook.” Short No. 809, via the Iowa Farm Outlook website, Department of Economics, Iowa State University, Ames, Iowa. October 2008.
- “Market Volatility Will Stay High.” *Iowa Farmer Today*. Lee Enterprises, Cedar Rapids, Iowa. October 2008.
- “Fall Crop Outlook.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. October 2008. p. 3-6.
- “Entering the Home Stretch: Quick Crop Outlook.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. September 2008. p. 3-5.
- “Issues in the Grain Sector.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. August 2008. p. 3-5.
- “Sorting Through the Crop Reports.” *Iowa Farm Outlook*. Department of Economics, Iowa State University, Ames, Iowa. July 2008. p. 4-5.
- “New Permanent Disaster Assistance: How It Works and When to Expect Payments.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2008. p. 6-7, 10.
- (with Bruce A. Babcock). “The New ACRE Program: Frequently Asked Questions.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2008. p. 4-5, 10.
- “Agricultural Trade with a Weak Dollar.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2008. p. 8-9.
- (with Bruce A. Babcock). “Options for the Conservation Reserve Program.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2008. p. 6-7.
- “The Outlook for Corn and Ethanol.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2008. p. 9-10.

- “Blending: Ethanol’s New Growth Sector.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2007. p. 8-10.
- “Shifting Corn Basis Patterns.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2007. p. 8-10.
- (with Simla Tokgoz, Amani Elobeid, Jacinto F. Fabiosa, Dermot J. Hayes, Bruce A. Babcock, Tun-Hsiang Yu, Fengxia Dong, and John C. Beghin). “Emerging Biofuels: Outlook of Effects on U.S. Grain, Oilseed, and Livestock Markets.” Staff Report 07-SR 101. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. May 2007.
- (with Amani Elobeid and Simla Tokgoz). “The Ethanol Outlook for Brazil and the United States and Implications for Livestock.” *International Sugar Journal* 109(2007):174-177.
- (with Miguel Carriquiry). “Ethanol-Livestock Integration” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2007. p. 6-7.
- (with Bruce A. Babcock). “Who Will Have Surplus Corn?” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2007. p. 8-9.
- (with Amani Elobeid, Simla Tokgoz, Dermot J. Hayes, and Bruce A. Babcock). “The Long-Run Impact of Corn-Based Ethanol on the Grain, Oilseed, and Livestock Sectors: A Preliminary Assessment.” Briefing Paper 06-BP 49. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. November 2006.
- “Feeding the Ethanol Boom: Where Will the Corn Come From?” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2006. p. 4-5.
- (with Bruce A. Babcock). “Crop Insurance: A Good Deal for Taxpayers?” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2006. p. 1-3, 10.
- “Acreage Shifts Follow Price Signals.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2006. p. 6-7, 11.
- (with Bruce A. Babcock). “Do Ethanol/Livestock Synergies Presage Increased Iowa Cattle Numbers?” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2006. p. 4-5.
- “CRP Acreage on the Horizon.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2006. p. 8-9.
- (with Bruce A. Babcock). “When Is GRIP the Right Choice for Crop Insurance?” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2006. p. 4-5, 9.
- “High Yields, Low Prices, and High Government Payments.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2006. p. 10-11.
- (with Patrick Westhoff and Scott Brown). “When Point Estimates Miss the Point: Stochastic Modeling of WTO Restrictions.” FAPRI Policy Working Paper #01-05. Food and Agricultural Policy Research Institute, Columbia, Missouri. December 2005.
- (with Bruce A. Babcock). “How Much ‘Safety’ Is Available under the U.S. Proposal to the WTO?” Briefing Paper 05-BP 48. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. November 2005.

- (with Tun-Hsiang Yu). "Corn Prices, Basis, and Transportation." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2005. p. 4-5, 9.
- "Are We Underestimating Corn Production Potential?" *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2005. p. 6-7.
- (with Bruce A. Babcock). "Safety Net Design for the New Farm Bill." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2005. p. 1-3, 12.
- "Ethanol Revisited." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2005. p. 6-7, 13.
- "CAFTA's Projected Impact on U.S. Sugar." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2005. p. 8-9.
- (with Bruce A. Babcock). "Judging the Performance of the 2002 Farm Bill." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2005. p. 1-3, 11.
- "Preparing for Soybean Rust." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2005. p. 6-7.
- "The WTO Picture after the Cotton Ruling." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2005. p. 10-11.
- (with Bruce A. Babcock). "Influence of the Premium Subsidy on Farmers' Crop Insurance Coverage Decisions." Working Paper 05-WP 393. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. April 2005.
- (with Miguel Carriquiry and Bruce A. Babcock). "Using a Farmer's Beta for Improved Estimation of Actual Production History (APH) Yields." Working Paper 05-WP 387. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. March 2005.
- "Risk Management Instruments for Water Reallocations." Briefing Paper 05-BP 46. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. February 2005.
- (with Bruce A. Babcock). "ARPA Subsidies, Unit Choice, and Reform of the U.S. Crop Insurance Program." Briefing Paper 05-BP 45. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. February 2005.
- (with Bruce A. Babcock). "Loan Deficiency Payments versus Countercyclical Payments: Do We Need Both for a Price Safety Net?" Briefing Paper 05-BP 44. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. February 2005.
- (with John C. Beghin). "Rethinking Agricultural Domestic Support under the World Trade Organization." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2005. p. 4-5, 11.
- "Planting Decisions: Corn versus Soybeans." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2005. p. 6-7, 9.
- (with John C. Beghin). "Rethinking Agricultural Domestic Support under the World Trade Organization." Briefing Paper 04-BP 43. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. November 2004.
- "Ethanol: Policies, Production, and Profitability in USA." *International Sugar Journal* 106(2004): 597-599.
- "Agriculture on Record Pace." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2004. p. 6-7, 10.

- “How the Brazil-U.S. Cotton Dispute Could Affect Iowa’s Agriculture.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2004. p. 6-7.
- (with Julian Binfield, Trevor Donnellan, Kevin Hanrahan, and Patrick Westhoff). “CAP Reform and the WTO: Potential Impacts on EU Agriculture.” FAPRI-UMC Report # 08-04. Food and Agricultural Policy Research Institute, Columbia, Missouri. July 2004.
- “Ethanol: Policies, Production, and Profitability.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2004. p. 6-7.
- (with Nick D. Paulson, Bruce A. Babcock, and Dermot J. Hayes). “Insuring Uncertainty in Value-Added Agriculture: Ethanol Production.” Working Paper 04-WP 360. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. April 2004.
- (with Bruce A. Babcock). “Risk-Free Farming?” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2004. p. 1-3, 10.
- “Agricultural Price Swings and Iowa’s Economy.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2004. p. 6-7.
- “Weak Spots in the Agricultural Safety Net.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2003. p. 6-7.
- “U.S. Agriculture and the Value of the Dollar.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2003. p. 10-11.
- (with FAPRI Staff). “Analysis of the 2003 CAP Reform Agreement.” FAPRI Staff Report 2-03. Food and Agricultural Policy Research Institute, Columbia, Missouri. September 2003.
- (with Dermot J. Hayes and Bruce A. Babcock). “Insuring Eggs in Baskets.” Working Paper 03-WP 339. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. July 2003.
- “What the Farm Bill Means to Iowa.” *Julien’s Journal*. J. D. Communications, Inc., Dubuque, Iowa. July 2003.
- (with FAPRI Staff). “An Analysis of the Proposed Doha Round Modalities.” Staff Report 03-SR 98. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. June 2003.
- (with Bruce A. Babcock). “Payment Limitations and U.S. Farm Policy.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2003. p. 1-3, 10.
- (with Bruce A. Babcock). “Disaster Assistance and Crop Insurance: Time for a New Approach?” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2003. p. 8-9.
- “Iowa’s Agricultural Situation.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2003. p. 6-7, 10.
- (with Bruce A. Babcock). “Disaster Assistance: How Best to Pay When Nature Has Her Way.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2002. p. 10-11.
- “By the Numbers: County Population Trends.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2002. p. 4.
- (with Bruce A. Babcock and Dermot J. Hayes). “Crop Insurance Rates and the Laws of Probability.” Working Paper 02-WP 298. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. April 2002.

- (with Bruce A. Babcock). "Supporting U.S. Agriculture under World Trade Organization Rules." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2002. p. 1-3.
- (with Alexander Saak). "Iowa's Agricultural Situation." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 2001. p. 6-7, 10.
- (with Bruce A. Babcock). "Construction of a 'Green Box' Countercyclical Program." Briefing Paper 01-BP 36. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. October 2001.
- (with Bruce A. Babcock). "Effects of Adding a Target Revenue Program and Soybean Fixed Decoupled Payments to Current Farm Programs." Briefing Paper 01-BP 35. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. September 2001.
- "Iowa's Agricultural Situation." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Summer 2001. p. 6-7, 10.
- (with Bruce A. Babcock). "Implications of the WTO on the Redesign of US Farm Policy." Briefing Paper 01-BP 32. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. May 2001.
- (with Bruce A. Babcock). "U.S. Farm Policy and the WTO." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2001. p. 1-3, 7.
- "Iowa's Agricultural Situation." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Spring 2001. p. 4-6.
- (with Bruce A. Babcock). "Rankings of Risk Management Strategies Combining Crop Insurance Products and Marketing Positions." Working Paper 01-WP 267. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. February 2001.
- (with Bruce A. Babcock). "Time for a New Farmer-Owned Reserve?" Briefing Paper 00-BP31. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. August 2000.
- (with Bruce A. Babcock). "The Impact of Crop Insurance on the Iowa Economy." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2000. p. 1-2, 9-10.
- (with Bruce A. Babcock). "A Second Look at Subsidies and Supply." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Winter 2000. p. 3.
- (with Bruce A. Babcock, Gary Adams, and Pat Westhoff). "Farm-level Analysis of Risk Management Proposals." Working Paper 00-WP238. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. February 2000.
- (with Bruce A. Babcock, Gary Adams, and Pat Westhoff). "Analysis of Risk Management Proposals." FAPRI Policy Working Paper #01-00. February 2000.
- (with Bruce A. Babcock). "Counter-Cyclical Agricultural Program Payments: Is It Time to Look at Revenue?" Briefing Paper 99-BP28. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. December 1999.
- (with Bruce A. Babcock). "Can Subsidies Hurt Iowa Agriculture?" *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. Fall 1999. p. 7-8.

- (with Gary Adams, Bruce A. Babcock, and Pat Westhoff). "Net Farm Income Impacts of Alternative Risk Management Bills." FAPRI Policy Working Paper #04-99. Food and Agricultural Policy Research Institute at the University of Missouri, Columbia, Missouri, and the Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. October 1999.
- (with Gary Adams, Bruce A. Babcock, and Pat Westhoff). "Analysis of the Net Farm Income Impact of Alternative Risk Management Bills." FAPRI Policy Working Paper #02-99. Food and Agricultural Policy Research Institute at the University of Missouri, Columbia, Missouri, and the Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. July 1999.
- (with Alicia L. Carriquiry). "Mixed Models, Variable Selection, and Outliers: Modeling Farm Investment Decisions." A Poster Paper. The 1999 Symposium on Model Selection, Empirical Bayes, and Related Topics. University of Nebraska, Lincoln. March 24-26, 1999
- "Eligibility and Payment Requirements of the Disaster Assistance Package." A World Wide Web document. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. January 1999.
- "The Loan Deficiency Payment Phenomenon." *FAPRI Bulletin*. Vol. 1, No. 3. Food and Agricultural Policy Research Institute at the Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. December 1998.
- "Nonrecourse Marketing Assistance Loans and Loan Deficiency Payments." A World Wide Web document. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. October 1998.
- (with Darnell B. Smith). "The FAPRI Baseline Model of the Federal Crop Insurance Program." Technical Report 98-TR40. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. July 1998.
- (with Darnell B. Smith). "Computing Average Per Acre Indemnity Payments for Corn in Iowa." Working Paper 96-WP163. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. August 1996.
- "A Review of the New Corn Yield Insurance Futures and Options." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. June 1996. p. 10-11.
- (with Darnell B. Smith). "Iowa Crop Insurance: What is the Coverage Level?." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. June 1996. p. 11-12.
- (with Darnell B. Smith). "A Review of New Revenue Insurance Products." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. March 1996. p. 10-12.
- (with Darnell B. Smith). "Estimating the Costs of MPC1 under the 1994 Crop Insurance Reform Act." Working Paper 96-WP158. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. March 1996.
- (with Darnell B. Smith). "Government Costs of Yield and Revenue Insurance." *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. March 1996. p. 8-10.

- (with Darnell B. Smith). “How Revenue Assurance and Yield Insurance Stack Up: A Cost Comparison.” *Iowa Ag Review*. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. September 1995. p. 8-9.
- (with Feng Xu, Darnell B. Smith, and William H. Meyers). “Estimating the Costs of Revenue Assurance.” Working Paper 95-WP140. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. September 1995.
- (with John R. Kruse). “The FAPRI U.S. Crops Model: Review and Suggestions.” Working Paper 94-WP124. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. October 1994.
- (with Darnell B. Smith). “Agriculture, Conservation, and the Environment: A Unified Policy.” Briefing Paper 94-BP3. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. May 1994.
- (with Michael D. Helmar, Dermot J. Hayes, and William H. Meyers). “CAP Reform Studies: A Comparison.” GATT Research Paper 94-GATT18. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. April 1994.
- (with Darnell B. Smith). “The Safety Net of Farming: An Introduction and Literature Review of Agricultural Insurance and Other Stabilization Policies and Proposals.” Working Paper 94-WP120. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. March 1994.
- (with Darnell B. Smith and William H. Meyers). “Alternative Policy Options to Address Agricultural Instability.” Briefing Paper 94-BP2. Center for Agricultural and Rural Development, Iowa State University, Ames, Iowa. March 1994.
-

Congressional Testimony

- “Actuarial Methodology of Crop Insurance.” Presented to the U.S. House of Representatives, Agriculture Committee, Subcommittee on General Farm Commodities and Risk Management, Washington, DC, April 2009.
- “Crop Insurance within the World Trade Organization.” Presented to the U.S. House of Representatives, Agriculture Committee, Subcommittee on General Farm Commodities and Risk Management, Washington, DC, April 2006.
-

Presentations/Outreach Activities

- “Corn and Soybean Outlook.” Presented at the LMIC Spring 2010 Industry Outlook Conference, Denver, Colorado, April 2010.
- “GRP and Insurance Prices.” Presented at an ISU Extension crop insurance meeting, Iowa Falls, Iowa, April 2010.
- “The Future of Agriculture in Iowa.” Presented at the Ames Noon Rotary meeting, Ames, Iowa, April 2010.
- “Climate Change Legislation & Agriculture.” Presented at the 2010 Iowa Turkey Federation Meetings via recorded voice-over Powerpoint presentation, March 2010.
- “Grain Outlook & Marketing Considerations.” Presented at the Northwest Iowa Farm Business Association Annual Meeting, Sheldon, Iowa, March 2010.

“Cap & Trade Legislation: What's Proposed and What Does It Mean.” Presented at the Iowa Meeting of ASFMRA and RLI, Ames, Iowa, March 2010.

“Crop Market Outlook.” Presented at the Iowa Bankers Association Ag Conference, Ames, Iowa, March 2010.

“Grain Market Strategies for 2010.” Presented at the Northeast Iowa Agricultural Experimental Association Meeting, Nashua, Iowa, March 2010.

“Soybean Outlook for 2010 & Beyond.” Presented at an Oklahoma State University Ag. Econ. Current Issues webcast, March 2010.

“Climate Change Legislation & Livestock.” Presented at the Global Climate Change and Its Impact on Food Production and Biofuels Meeting, Ames, Iowa, March 2010.

“Marketing Outlook for 2010 & Beyond.” Presented at the Van Gorp Crop Insurance Meeting, Pella, Iowa, February 2010.

“The Outlook for 2010: Big Crops, Big Demands.” Presented at the CFNB Crop Insurance Meeting, Storm Lake, Iowa, February 2010.

“2010 Grain Market Outlook.” Presented at the 2010 Ag Economy and Grain Market Outlook, Hills, Iowa, February 2010.

“Risk and Reward 2010.” Presented at crop insurance meetings in Webster City and Manchester, Iowa, February 2010.

“Marketing Outlook and Tools for 2010.” Presented at the Wall Lake Crop Fair, Wall Lake, Iowa, February 2010.

“Crop Marketing Outlook for 2009 and 2010.” Presented at the Bremer-Butler Crop Management Clinic, Waverly, Iowa, February 2010.

“Climate Change Legislation & Agriculture.” Presented at the 2010 Nebraska Beef Feedlot Roundtables via Adobe Connect, West Point and Lexington, Nebraska, February 2010.

“Crop Marketing Outlook for 2009 and 2010.” Presented at the Farm Financial Planning Associate Training, Ames, Iowa, February 2010.

“The Future of Farming in Iowa.” Presented at the Third Degree, Ames, Iowa, February 2010.

“Crop Marketing Outlook for 2009 and 2010.” Presented at the Crop Advantage Series, meetings in Ottumwa and Ft. Dodge, Iowa, February 2010.

“Crop Marketing Outlook for 2010.” Presented at the Ag Outlook meeting, Welton, Iowa, January 2010.

“Crop Marketing Outlook for 2010.” Presented at the Ag Summit, Treynor, Iowa, January 2010.

“Crop Marketing Outlook for 2009 and 2010.” Presented at the Crop Advantage Series, meetings in Osceola and Mason City, Iowa, January 2010.

“Maintaining Profitability in Challenging Times.” Presented at the Crop Advantage Series meeting in Mason City, Iowa, January 2010.

“Crop Marketing Outlook for 2009 and 2010.” Presented to the Annie's Project Steering Committee via Adobe Connect, Red Oak, Iowa, January 2010.

“SURE Farm Program.” Presented at the North Central Iowa Crop & Land Stewardship Clinic, Iowa Falls, Iowa, December 2009.

“Large Crops, Large Demands: The Outlook for 2010.” Presented at various meetings in Ionia, Osage, and Rockwell, Iowa, December 2009.

“Crop Outlook.” Presented to the ISU Farm Managers Meeting, Ames, Iowa, December 2009.

“Crops and Climate Change.” Presented to the Northwest Iowa Agronomy Group, Holstein, Iowa, December 2009.

- “The Outlook for 2010: Big Crops, Big Demands.” Presented at the 2009 Integrated Crop Management Conference, Ames, Iowa, December 2009.
- “Social and Economic Issues of Pyrolysis Processing Systems and Biochar.” Presented at the Pyrolysis and Biochar Workshop, Ames, Iowa, November 2009.
- “Crop Situation & Outlook.” Presented at the 2009 Iowa Institute for Cooperatives Annual Meeting, Ames, Iowa, November 2009.
- “Crop Situation & Outlook.” Presented at the 2009 Ag Outlook and Management Seminars, various locations in Iowa, November 2009.
- “Climate Change Legislation & Agriculture.” Presented at the 2009 Ag Outlook and Management Seminars, various locations in Iowa, November 2009.
- “Corn & Soybean Outlook.” Presented at the Iowa Seed Association 107th Annual Convention, Ames, Iowa, November 2009.
- “Corn Ethanol: Feed & Fuel for the Future.” Presented at the Iowa Egg Industry Symposium, Ames, Iowa, November 2009.
- “Crop Situation & Outlook.” Presented at Insuring Iowa's Agriculture: A Continuing Education Workshop for Crop Insurance Providers, Ames, Iowa, November 2009.
- “Feed for Fuel: Coping with the New Reality.” Presented at the 2009 Western Canadian Association of Swine Veterinarian's Annual Conference, Saskatoon, Canada, October 2009.
- “ACRE Update & Crop Outlook.” Presented at the ISU Extension Farm Management In-Service, Ames, Iowa, October 2009.
- “Crop Marketing & Outlook.” Presented at the Iowa PAS Regional Fall Conference, Ames, Iowa, September 2009.
- “Examining the Product Streams & Costs of Corn Fractionation Systems.” Presented at the 2009 AACC International Annual Meeting, Baltimore, Maryland, September 2009.
- “The 2007/2008 Iowa Grain/Biofuel Flow Survey.” Presented to the Iowa Renewable Fuels Association, Panora, Iowa, September 2009.
- “Crop Outlook.” Presented to the Mobley Seminar Group, Ames, Iowa, September 2009.
- “Crop Price Outlook.” Presented to the Lynnville Ag Marketing Club, Grinnell, Iowa, September 2009.
- “Trends & Issues in Agriculture.” Presented at the 2009 Nationwide Agribusiness Annual Commercial Policyholder Conference, Des Moines, Iowa, August 2009.
- “Corn Situation and Outlook.” Presented at the Midwest, Great Plains, and Western Outlook Conference, Columbus, Ohio, August 2009.
- “Policy Implications for Biofuels and Commodities.” Presented at the Midwestern Legislative Conference, Overland Park, Kansas, August 2009.
- “ACRE.” Presented at the ACRE Program Details Meetings, Janesville, Arlington, and Rosendale, Wisconsin, August 2009.
- “Corn and Soybean Situation and Outlook.” Presented at the AAEA and ACCI 2009 Joint Annual Meeting, Milwaukee, Wisconsin, July 2009.
- “Crop Situation and Outlook.” Presented at the Tri County Ag Marketing Club's 2009 Grain Marketing Outlook Workshop, Grundy Center, Iowa, July 2009.
- “Food and Fuel.” Presented at the Wallace Centers of Iowa Dialogue Dinner, Des Moines, Iowa, July 2009.
- “The Economics of Biofuels.” Presented at the North Central Regional Association of Assessing Officers 34th Annual Conference, Coralville, Iowa, June 2009.

“ACRE.” Presented to Rain and Hail Agricultural Insurance, Johnston, Iowa, June 2009.

“Crop Situation and Outlook.” Presented at the Western Iowa No-Till Demonstration Field Day, Shelby, Iowa, June 2009.

“ACRE.” Presented at a Farm Bill Information Webcast, Ames, Iowa, June 2009.

“Regional Demand for Bio-based Production.” Presented at the Heartland Regional Water Resources Workshop, Nebraska City, Nebraska, June 2009.

“Biofuel Economics.” Presented at the Intensive Program in Biorenewables, Ames, Iowa, June 2009.

“Risk Management for Crop Production.” Presented at the Agricultural Credit School, Ames, Iowa, June 2009.

“Risk Environment for Agriculture.” Presented at the Agricultural Credit School, Ames, Iowa, June 2009.

“Determining Markets in Volatile Conditions.” Presented at the National Value Added Agriculture Conference, Moline, Illinois, June 2009.

“Crop Situation.” Presented at the Spring 2009 ISU Extension Farm Management In-Service Training, Ames, Iowa, April 2009.

“Grain Outlook and Management Considerations.” Presented at the Northwest Iowa Farm Business Association Annual Meeting, Sheldon, Iowa, March 2009.

“Crop Outlook.” Presented at the Iowa Bankers Association Ag Conference, Ames, Iowa, March 2009.

“Corn Outlook.” Presented via telephone to a producer meeting, New Albin, Iowa, March 2009.

“Crop Outlook and Farm Bill.” Presented at a Midwest One bank customer appreciation meeting, Delta, Iowa, March 2009.

“Grain Marketing Outlook and Management Considerations.” Presented at the Hawkeye Farm Show, Cedar Falls, Iowa, March 2009.

“Farm Bill and Energy Act.” Presented at the 84th Annual Meeting of the Central Plant Board, West Des Moines, Iowa, March 2009.

“Farm Bill.” Presented at the Global Agriculture Conference, Spencer, Iowa, February 2009.

“Global Grain Markets.” Presented at the Global Agriculture Conference, Spencer, Iowa, February 2009.

“Crop Outlook and ACRE.” Presented at the Northwest Research Farm Annual Meeting, Calumet, Iowa, February 2009.

“Crop Outlook and ACRE.” Presented at the CFNB Annual Crop Insurance Update Meeting, Storm Lake, Iowa, February 2009.

“2008 Crop Year Retrospective and What's Ahead for 2009.” Presented at the Crop Fair, Fort Dodge, Iowa, February 2009.

“Beyond Ethanol.” Presented at the Siouxland Bankers Meeting, Storm Lake, Iowa, February 2009.

“Feed Price Outlook.” Presented on a Iowa State University webcast for livestock producers, Ames, Iowa, February 2009.

“Crop Outlook.” Presented at the 2009 Weather, Grain, & Costs Outlook, Mt. Pleasant, Iowa, February 2009.

“Volatility Gives Rise to Fear, Greed, and Ego.” Presented at Farmers Forum III, West Point, Nebraska, February 2009.

“Crop Outlook and Grain Flow Shifts.” Presented to the Iowa Cooperative Managers' Association, Johnston, Iowa, February 2009.

“Crop Market Outlook.” Presented at the 4th Annual Beginning Farmers Conference, Ames, Iowa, February 2009.

“Agricultural Outlook.” Presented at the Iowa Chapter of the ASFMRA Annual Meeting, Ames, Iowa, February 2009.

“Crop Issues for 2009.” Presented at Issues 2009, Twin Lakes, Iowa, February 2009.

“ACRE.” Presented at a Farm Bill Information webcast, Ames, Iowa, February 2009.

“Biofuel Markets and Mandates.” Presented at the MID-CO Winter Conference 2009, Ames, Iowa, January 2009.

“Crop Market Outlook.” Presented at the 2009 Weather, Crop, & Livestock Outlook Seminar, Hills, Iowa, January 2009.

“Crop Market Outlook.” Presented at a Pro-Ag Outlook Meeting, Greenfield, Iowa, January 2009.

“2006-07 Iowa Grain and Biofuel Flow Survey.” Presented to the Iowa Institute of Cooperatives 2009 Winter Meetings, Storm Lake and Williamsburg, Iowa, January 2009.

“Crop Outlook.” Presented to the Iowa Farm Bureau, West Des Moines, Iowa, January 2009.

“Marketing the 2008 and 2009 Crops.” Presented at the Crop Advantage Series, meetings in Sheldon, Cedar Rapids, and Burlington, Iowa, January 2009.

“Implications of the New 2008 Farm Bill.” Presented at the North Central Iowa Crop and Land Stewardship Clinic, Iowa Falls, Iowa, January 2009.

“Economics and On-Farm Research.” Presented at the On-Farm Research Conference, Ames, Iowa, December 2008.

“Soybean Outlook and the New Farm Bill Programs.” Presented at the Iowa Soybean Association Annual Meetings, Ames, Iowa, December 2008.

“Grain, Oilseed, and Biofuel Outlook for 2009.” Presented at the Osage Coop Elevator, Osage, Iowa, December 2008.

“Grain, Oilseed, and Biofuel Outlook for 2009.” Presented at the Chickasaw/Floyd County Crop Clinic, Ionia, Iowa, December 2008.

“The 2008 Farm Bill.” Presented for the ISU Extension ANR Lunch and Learn, Ames, Iowa, December 2008.

“Factors That Determine The Cost of Food.” Presented at the 20th Annual Integrated Crop Management Conference, Ames, Iowa, December 2008.

“Grain, Oilseed, and Biofuel Outlook for 2009.” Presented at the 20th Annual Integrated Crop Management Conference, Ames, Iowa, December 2008.

“The Outlook for Crop Agriculture and the New Farm Bill.” Presented at the Peoples National Bank Appreciation Dinner, Council Bluffs, Iowa, December 2008.

“Crop Market Outlook.” Presented at the Iowa Institute for Cooperatives 2008 Annual Meeting, Ames, Iowa, November 2008.

“Food and Fuel Issues.” Presented at the Iowa Seed Association Annual Convention, Ames, Iowa, November 2008.

“Crop Market Outlook.” Presented at the Ag Outlook and Management Seminars, meetings in Fort Dodge, Waterloo, West Des Moines, Williamsburg, Cherokee, and Atlantic, Iowa, November 2008.

“Current Feed Situation and Outlook.” Presented at the Iowa Egg Industry Symposium, Ames, Iowa, November 2008.

“Current Feed Situation and Outlook.” Presented to Iowa Beef Center associates, Ames, Iowa, October 2008.

“Crop Market Outlook.” Presented to the B.E.S.T. Peer Group, West Des Moines, Iowa, October 2008.

“Drivers of Food Prices.” Presented at the Iowa Hunger Summit, Des Moines, Iowa, October 2008.

“Factors That Determine The Cost of Food.” Presented for the ISU Extension ANR Lunch and Learn, Ames, Iowa, October 2008.

“Iowa's Position in Global Agriculture and Bioenergy.” Presented for the ISU Extension ANR Lunch and Learn, Ames, Iowa, October 2008.

“Crop Market Outlook.” Presented at the Fall 2008 ISU Extension Farm Management In-Service Training, Ames, Iowa, September 2008.

“ACRE.” Presented at the Fall 2008 ISU Extension Farm Management In-Service Training, Ames, Iowa, September 2008.

“Where are we with today's economics and crop insurance?” Presented at the 2008 Fall Agronomy In-Service Training, Ames, Iowa, September 2008.

“ACRE.” Presented at the Allee Demonstration Farm 50th Anniversary Field Day, Newell, Iowa, September 2008.

“International Agricultural Trade.” Presented to the Farm-Church Discussion Group, West Des Moines, Iowa, September 2008.

“Update on Iowa Grain & Biofuel Flow Survey.” Presented to the Iowa Renewable Fuels Association, Panora, Iowa, September 2008.

“Crop Market Outlook.” Presented at The Northeast ISU Research Farm 2008 Fall Field Day, Nashua, Iowa, September 2008.

“Disaster Programs & Crop Insurance.” Presented at 'Unpacking The 2008 Farm Bill,' The 2008 Breimyer Seminar, Columbia, Missouri, September 2008.

“Feed Price Outlook.” Presented in the Mandatory Country of Origin Labeling Webcast, Iowa Beef and Pork Centers, Ames, Iowa, August 2008.

“Crop Outlook.” Presented to a visiting group of Argentine farmers, Ames, Iowa, August 2008.

“Corn Outlook.” Presented at the Midwest, Great Plains, and Western Outlook Conference, Kansas City, Missouri, August 2008.

“Crops & Biofuels: Policies, Outlooks, and Debates.” Presented to the Iowa Farm Bureau, West Des Moines, Iowa, August 2008.

“Update on Iowa Grain Flow Survey.” Presented to the Iowa Corn Growers Association/Iowa Corn Promotion Board, Johnston, Iowa, August 2008.

“Food and Fuel: The Debate over Biofuels.” Presented to the Ames Morning Rotary, Ames, Iowa, August 2008.

“Flood Impacts.” Presented to the Rebuild Iowa Agriculture and Environment Task Force, West Des Moines, Iowa, July 2008.

“Crop Outlook.” Presented at the Iowa Independent Bankers Convention, Okoboji, Iowa, July 2008.

“Hog Feed Price Protection.” Presented at the “New Dimensions in Livestock Risk” conference, Ames, Iowa, July 2008.

“Feed Costs: Longer Term.” Presented at the “New Dimensions in Livestock Risk” conference, Ames, Iowa, July 2008.

“Bioenergy Policies.” Presented for the International Visitor Leadership Program, Iowa State University, Ames, Iowa, June 2008.

“ACRE.” Presented at the Iowa state FSA office, Urbandale, Iowa, June 2008.

“The 2008 Farm Bill.” Presented at the Ag Credit School, Iowa State University, Ames, Iowa, June 2008.

“Risk Factors in Agriculture.” Presented at the Ag Credit School, Iowa State University, Ames, Iowa, June 2008.

“Looking at the Economics of the Next Generation of Biofuels.” Presented for the lecture series “Breeding Lignocellulosic Crops for the Bioeconomy”, Ames, Iowa, May 2008.

“Overview of Ethanol in the Ag Economy.” Presented for the “Biofuels and the Rural Economy” conference, Perry, Iowa, May 2008.

“U.S. Farm Bill Update.” Presented at inservice education for ISU Farm and Business Extension, Ames, Iowa, April 2008.

“Bio-Renewable Energy's Impact on Agriculture and the Economy.” Presented at the University of Arkansas, Fayetteville, Arkansas, April 2008.

“Ag. Outlook.” Presented to the Northwest Iowa Agronomy Group, Holstein, Iowa, March 2008.

“Farm Bills and Energy Acts.” Presented to farmer advisors for the ISU Extension Farm Financial Planning Program, Ames, Iowa, January 2008.

“Grain, Oilseed, and Biofuel Outlook.” Presented at the 2008 Pro-Ag Outlook Workshop, Harlan, Iowa, January 2008.

“Status of the 2007 Farm Bill and the Bioeconomy.” Presented at the 2007 Pro-Ag Outlook Workshop, Williamsburg, Iowa, November 2007.

“Bottlenecks and Oil Price Spikes: Impact on U.S. Ethanol and Agriculture.” Presented at the 2007 Swine Disease for Practitioners Conference, Ames, Iowa, November 2007.

“The Outlook for Ethanol, Corn, and Beef.” Presented at the BEEF Quality Summit: Beef Quality in the Ethanol Era, Omaha, Nebraska, November 2007.

“Bottlenecks and Oil Price Spikes: Impact on U.S. Ethanol and Agriculture.” Presented at the Iowa Egg Industry Symposium, Ames, Iowa, November 2007.

“Economic Sustainability.” Presented at the 2007 Biobased Industry Outlook Conference, Ames, Iowa, November 2007.

“Bottlenecks, Drought, and Oil Price Spikes: Impact on U.S. Ethanol and Agriculture.” Presented at 2007 Minnesota Economic Association Meetings, St. Paul, Minnesota, October 2007.

“Bottlenecks and Oil Price Spikes: Impact on U.S. Ethanol and Agriculture.” Presented at Kansas State University, Manhattan, Kansas, October 2007.

“Let’s Talk About Ethanol.” Presented at an Iowa State University Farm Management Field Specialist In-Service meeting, Ames, Iowa, October 2007.

“The 2008 Farm Bill.” Presented at an Iowa State University Farm Management Field Specialist In-Service meeting, Ames, Iowa, October 2007.

“Bottlenecks and Oil Price Spikes: Impact on U.S. Ethanol and Agriculture.” Presented at the 2007 Iowa Poultry Association Fall Festival, West Des Moines, Iowa, September 2007.

“Bottlenecks and Oil Price Spikes: Impact on U.S. Ethanol and Agriculture.” Presented at the Commodity Markets Council/Transportation, Elevator and Grain Merchants Association Meetings, Chicago, Illinois, September 2007.

“Bioeconomy Impacts on Midwestern Agriculture.” Presented at the Iowa Maintenance Training Expo, Ames, Iowa, August 2007.

“An Analysis of the Long-Run Impact of Ethanol Expansion on Agricultural Markets.” Presented to Nidera representatives, Ames, Iowa, August 2007.

“An Analysis of the Long-Run Impact of Ethanol Expansion on Agricultural Markets.” Presented at the Global Agricultural Forum 2007, Mexico City, Mexico, June 2007.

“An Overview of Federal Farm Bill Titles.” Presented at an Iowa State University Extension Agriculture and Natural Resources Lunch and Learn, Ames, Iowa, June 2007.

“Proposals for the 2008 Farm Bill.” Presented at an Iowa State University Extension Specialist Meeting, Ames, Iowa, May 2007.

“Biofuel Impacts on Agriculture.” Presented at an Iowa State University Livestock Field Specialist Meeting, Ames, Iowa, March 2007.

“Proposals for the 2008 Farm Bill.” Presented at an Iowa National Agri-Marketing Association (NAMA) meeting, Johnston, Iowa, March 2007.

“Economic Impacts of Biofuels: A Global Perspective.” Presented at the 4th Annual Life Sciences and Society Symposium “Biofuels: Initiatives, Challenges, and Opportunities,” Columbia, Missouri, March 2007.

(Presented with Bruce Babcock). “Farm-Level Incentives and Policy for Growing Alternative Energy Feedstocks.” Presented at the Iowa State University Extension Webcast “Alternative Crops and Alternative Policies for Bioenergy, Ames, Iowa, March 2007.

“Revenue-Based Income Safety Nets.” Presented at the Iowa Farm Bureau Policy Information Conference, West Des Moines, Iowa, February 2007.

“Biofuel Impacts on Midwestern Agriculture.” Presented at the West Central Spring Agronomy Update, Owatonna, Minnesota, February 2007.

“Biorenewables: Helping or Hurting the Environment?” Presented at “Home Ground: Language for an American Landscape,” the 3rd Annual Symposium on Wildness, Wilderness, and the Creative Imagination, Ames, Iowa, February 2007.

(Presented with Dan Otto and John Miranowski). “Future of the Bioeconomy and Biofuels: Overview, Industry, and Agriculture?” Presented at an Iowa Department of Economic Development workshop, Des Moines, Iowa, February 2007.

“U.S. Agriculture’s Role in the International Biofuel Market.” Presented at the 2007 Wisconsin Fertilizer, Aglime, and Pest Management Conference, Madison, Wisconsin, January 2007.

“Biofuel Impacts on Midwestern Agriculture.” Presented at the 2007 Wisconsin Fertilizer, Aglime, and Pest Management Conference, Madison, Wisconsin, January 2007.

“Food, Feed, and Fuel: How Do We Balance the Three for Optimal Growth.” Presented at the Food, Feed, and Fuel Working Session of the Iowa State University Bioeconomy Summit, November 2006.

“Comparing Insurance Units for Corn and Soybeans.” Presented at “Insuring Iowa’s Agriculture,” A Continuing Education Workshop for Crop Insurance Providers, Iowa State University, Ames, Iowa, November 2006.

“Policies Supporting Cellulosic Ethanol Production.” Presented at the Energy Expo 2006, Iowa City, Iowa, September 2006.

“Ethanol and Livestock: Synergies or Competition?” Presented at the 2006 Iowa Poultry Association Fall Festival, Okoboji, Iowa, September 2006.

“Ethanol and Livestock: Synergies or Competition?” Presented at “Growing the Bioeconomy: Reimagining Agriculture for National Energy Security,” the 2006 Biobased Industry Outlook Conference, Ames, Iowa, August 2006.

“Budgetary, Political, and WTO Forces on the Next Farm Bill.” Presented at the Iowa State University Agricultural Policy Summit, Ames, Iowa, July 2005.

- “Agricultural Risks and Government Programs.” Presented at an Iowa State University Extension Farm Planning Associate Training meeting, Ames, Iowa, February 2005.
- “Rethinking Agricultural Domestic Support under the World Trade Organization.” Presented at “Agricultural Trade Reform and the Doha Agenda: A Preliminary Research Meeting,” a World Bank meeting, Washington, DC, June 2004.
- “Agricultural Risks and Government Programs.” Presented at “Managing Risk in Agricultural Lending,” an Iowa State University Extension Agricultural Credit School meeting, Ames, Iowa, June 2004.
- “Revenue Insurance, Bonds, and Financial Instruments.” Presented at “Agricultural Risks in a Water-Short World: Producer Adaptation and Policy Directions,” a USDA-ERS and Farm Foundation workshop, Washington, DC, May 2004.
- “Overview of RMA-ISU Livestock Partnership Work.” Presented at the Risk Management Agency, Kansas City, Missouri, May 2004.
- “A Review of Livestock Insurance Programs in the United States.” Presented at the American Agricultural Economics Association Annual Meetings, Montreal, Canada, July 2003.
- “A Review of U.S. Farm Programs for Risk Management.” Presented at the American Agricultural Economics Association Annual Meetings, Montreal, Canada, July 2003.
- “Livestock Insurance: Existing Products and Future Research.” Presented at the Livestock Insurance Products International Conference and Forum, USDA-APHIS and Colorado State University, Fort Collins, Colorado, November 2002.
- “WTO Probabilities and the 2002 Farm Bill.” Presented at the American Agricultural Economics Association Annual Meetings, Long Beach, California, July 2002.
- “FAPRI’s Role in the 2002 Farm Bill.” Presented at the American Agricultural Economics Association Annual Meetings, Long Beach, California, July 2002.
- “U.S. Farm Policy and the WTO.” Presented at the Congressional Research Service, Washington, D.C., May 2002.
- “The Future of U.S. Farm Policy.” Presented at the 2002 Commodity Classic, Nashville, Tennessee, February 2002.
- “U.S. Farm Policy and the WTO: How Do They Match Up?” Presented at the Southern Agricultural Economics Association Meetings, Orlando, Florida, February 2002.
- “The 2000 FAPRI Crop Insurance Baseline.” Presented at the Food and Agricultural Policy Research Institute Baseline Review, Kansas City, Missouri, January 2000.
- “Net Farm Income Impacts of Alternative Risk Management Bills.” Presented to the staff of the U.S. Senate Agriculture Committee, Washington, D.C., October 1999.
- “The FAPRI Crop Insurance Baseline.” Presented at the Food and Agricultural Policy Research Institute Baseline Review, Kansas City, Missouri, January 1999.
- “Estimating Crop Losses and Indemnity Payments.” Presented at the American Agricultural Economics Association Annual Meetings, Salt Lake City, Utah, August 1998.
- “Crop Insurance Issues.” Presented at the Food and Agricultural Policy Research Institute Baseline Review, Kansas City, Missouri, January 1997.
- “Computing Average Per Acre Indemnity Payments for Corn in Iowa.” Presented at the Federal Crop Insurance Corporation, Kansas City, Missouri, September 1996.
-

Graduate Student Committees

Na Jin, Iowa State University, Economics, member of PhD dissertation committee, current
Ariel Singerman, Iowa State University, Economics, member of PhD dissertation committee,
current

Qiye Sun, Iowa State University, Economics, member of M.S. thesis committee, current
Tian Yu, Iowa State University, Economics, member of PhD dissertation committee, current
Kuejai (Nan) Jungjaturapit, Iowa State University, Economics, member of M.S. thesis
committee, 2009

Mindy Baker, Iowa State University, Economics, member of PhD dissertation committee, 2009
Shoshana Hebshi, Iowa State University, Journalism, member of M.A. thesis committee, 2009
Brittany Teahan, Iowa State University, Economics, member of M.S. thesis committee, 2009
Hazen Kazaks, Brown University, Environmental Studies, member of M.A. thesis committee,
2008

Nick Paulson, Iowa State University, Economics, non-voting member of PhD dissertation
committee, 2007

Nick Paulson, Iowa State University, Economics, non-voting member of M.S. thesis committee,
2004

Professional Service

Extension Section Crops Outlook Organizer and Moderator, 2009 AAEA Meetings, Milwaukee,
Wisconsin, July 26-28, 2009

Track Co-chair, Economics and Policy Track, 2008 Biobased Industry Outlook Conference,
Ames, Iowa, Sept. 7-10, 2008

Grants

Co-Principal Investigator: Environmental Credit Trading and Greenhouse Gas Emission
Reporting. \$193,239. USDA-NRCS, 2009.

Co-Principal Investigator: Iowa Grain and Biofuels Survey and Analysis. \$19,000. Iowa
Department of Agriculture and Land Stewardship, 2007.

Co-Principal Investigator: Food and Agricultural Policy Research Institute. \$506,974. Hatch
Funds-AES, 2007.

Co-Principal Investigator: Energy from Agriculture. \$275,000. USDA, 2006.

Co-Principal Investigator: FeedRisk OnLine: A Risk Management Tool for Livestock
Producers. \$190,687. USDA-RMA, 2003.

Reviews

Articles reviewed for *American Journal of Agricultural Economics*, *Agricultural and Resource
Economics Review*, *Applied Economic Perspectives and Policy*, *Biomass and Bioenergy*,
Biotechnology for Biofuels, *Canadian Journal of Agricultural Economics*, *Choices*, *Food
Policy*, *Journal of Agricultural and Applied Economics*, *Journal of International
Agricultural Trade and Development*, and *Western Economics Forum*.

Consulting Projects

Personal

Paper on Domestic Support under the WTO for The World Bank, 2004-2005

FarmRisk, Inc.

Rating and Maintenance of Livestock Gross Margin for Swine, 2001-present

Construction and Maintenance of Hog Rater Program, 2002

Feasibility Study for Buckwheat Insurance, 2003

Rating and Maintenance of Livestock Gross Margin for Cattle, 2005-present

RMA Exponential and Type/Practice Factor Study, 2005-2007

Rating and Maintenance of Livestock Gross Margin for Dairy, 2005-present

AgRisk Management

Rating and Maintenance of Revenue Assurance, 1995-2005

Rating of Sugar Beet Revenue, 2000-2001

Rating of Timber Coverage, 2001-2002

Farm Bill Calculator for National Corn Growers Association, 2002-2003

Review of Crop1 Insurance, 2003

Review of Corn Silage Option, 2003

Review of Sugar Beet Stage Option, 2003

Feasibility Study for Ethanol Insurance, 2003-2004

Verification Study on Durum Wheat Insurance, 2004

Budget Simulation Study for National Corn Growers Association, 2004

Review of Premium Reduction Plans, 2005

Analysis of Revenue Options and Future Farm Program Design, 2006

Analysis of Alternative Farm Bill Policies, 2006-2007

Honors

Iowa Board of Regents, Regents Award for Staff Excellence, 2007

Iowa State University, College of Agriculture, P&S Award for Achievement, 2007

USDA Secretary's Group Honor Award for Excellence (as part of FAPRI), 2002

T. W. Schultz Fellowship Award, Fall 1991