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## EDUCATION

- Ph.D. in Agricultural Economics, University of Kentucky, 1993.
- B.S. in Agricultural Economics, University of Kentucky, 1984.
- B.B.A. in Finance with a minor in Economics, University of Kentucky, 1984.

## EMPLOYMENT EXPERIENCE

- 2018-present, Professor and Chair, Department of Agricultural Economics, University of Kentucky.
- 2016-2017, Visiting Scholar, Humboldt-Universität zu Berlin.
- 2009-2017, Professor, Department of Agricultural Economics, Mississippi State University. Graduate Coordinator 2010-2016.
- 2007-2009, Associate Professor, Department of Agricultural Economics, Mississippi State University.
- 2001-2007, Associate Professor, Department of Agricultural and Applied Economics, University of Georgia. Graduate Coordinator 2007.
- 2000-2001, Associate Professor, Department of Agricultural Economics, Mississippi State University.
- 1995-2000, Assistant Professor, Department of Agricultural Economics, Mississippi State University.
- 1993-1995, Post-Doctoral Research Scholar, Department of Agricultural Economics, University of Kentucky.

## AWARDS AND RECOGNITION

- Lifetime Achievement Award, Southern Agricultural Economics Association, 2021.
- Publication of Lasting Impact Award, Agricultural and Applied Economics Association, Agricultural Finance and Management Section, 2019, for the 1997 *American Journal of Agricultural Economics* article “Designing and Rating an Area Yield Crop Insurance Contract.”
- Regions Bank Faculty Service Award, Division of Agriculture, Forestry, and Veterinary Medicine, Mississippi State University, 2017.
- Humboldt Research Award, Alexander von Humboldt Foundation, 2016-2017.
- Faculty Service Award, College of Agriculture and Life Sciences and Mississippi Agricultural and Forestry Experiment Station, Mississippi State University, 2016.
- Graduate Level Excellence in Teaching Award, College of Agriculture and Life Sciences, Mississippi State University, 2015.
- Selected participant, Academic Leadership Development Program, Southeastern Conference Academic Consortium, 2011-2012.
- Selected participant, Faculty Leadership Program, Mississippi State University, 2010-2011.
- Research Award of Merit, Gamma Sigma Delta Agricultural Honor Society, Mississippi State University, 2010.
- Inducted as a member of the Honors Faculty, Mississippi State University, 2010.
- Honorary Member, Aghon Agricultural Honorary Society, University of Georgia, 2005.
- Honorary Member, Alpha Gamma Rho Fraternity, University of Georgia, 2005.
- Outstanding Faculty Member Award, Graduate Student Organization, Department of Agricultural and Applied Economics, University of Georgia, 2004.
- Outstanding Faculty Member Award, Agricultural and Environmental Economics Undergraduate Club, University of Georgia, 2004.
- Excellence in Teaching Award, College of Agriculture and Life Sciences, Mississippi State University, 1999.

- Teaching Award of Merit, Gamma Sigma Delta Agricultural Honor Society, Mississippi State University, 1999.

### TEACHING EXPERIENCE

- *Producers, Consumers, and Markets*. Graduate-level microeconomic theory course. Mississippi State University, Fall 2017, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008.
- *Research Seminar I*. Graduate-level course on research methodology, ethics, and practice. Mississippi State University, Fall 2017, 2015, 2014, 2013, 2012, 2011, 2009.
- *Applied Microeconomic Principles*. Introductory undergraduate microeconomics course that is part of the University undergraduate core curriculum in the social and behavioral sciences. Classroom experiments are used to demonstrate key concepts. Mississippi State University, Spring 2011, Fall 2009, 2008, 2007, Spring 2000, 1998, Fall 1995. University of Georgia, Spring 2007, 2005, 2004, 2003, 2002. University of Kentucky, Spring 1995.
- *Agricultural Policy*. Graduate-level public policy course with an emphasis on welfare economics and public choice theory. Readings and discussion format. University of Georgia, Spring 2006. Mississippi State University, Spring 1999, 1997.
- *Agricultural and Food Policy*. Undergraduate course focused on the economic analysis of public policy issues related to the food and fiber sector of the U.S. economy. Decision scenarios, based on current public policy issues, are utilized to place the student in the role of a public policy analyst. Critical thinking and writing skills are emphasized. University of Kentucky, Spring 2022, 2021, 2020, 2019. University of Georgia, Spring 2007, 2006, 2005, 2004, 2003, 2002. Mississippi State University, Spring 2001, 2000, 1999, 1998, 1997, 1996.

### JOURNAL ARTICLES

\*Indicates that the senior author was a graduate student working under Dr. Barnett's direction.

- Tiwari, S., K.H. Coble, B.J. Barnett, and A. Harri. 2021. "Hedging the Price Risk Inherent in Revenue Protection Insurance." *Journal of Agricultural and Applied Economics* 53:510-530.
- Dalhaus T., B.J. Barnett, and R. Finger. 2020. "Behavioral Weather Insurance: Applying Cumulative Prospect Theory to Agricultural Insurance Design." *PLoS ONE* 15(5): e0232267. <https://doi.org/10.1371/journal.pone.0232267>.
- Ye, T., W. Hu, B.J. Barnett, J. Wang, and Y. Gao. 2020. "Area Yield Index Insurance or Farm Yield Crop Insurance? Chinese Perspectives on Farmers' Welfare and Government Subsidy Effectiveness." *Journal of Agricultural Economics* 71:144-164.

- Tack, J.B., K.H. Coble, R. Johansson, A. Harri, and B.J. Barnett. 2019. “The Potential Implications of ‘Big Ag Data’ for USDA Forecasts.” *Applied Economic Perspectives and Policy* 41:668-683.
- \*Yehouenou, L., B.J. Barnett, A. Harri, and K.H. Coble. 2018. “STAX Appeal?” *Applied Economic Perspectives and Policy* 40:563-584.
- Tack, J.B., K.H. Coble, and B.J. Barnett. 2018. “Warming Temperatures will Likely Induce Higher Premium Rates and Government Outlays for the US Crop Insurance Program.” *Agricultural Economics* 49:635-647.
- Ker, A., B. Barnett, D. Jacques, and T. Tolhurst. December 2017. “Canadian Business Risk Management Programs: Private Firms, Crown Corporations, and Public Institutions.” *Canadian Journal of Agricultural Economics* 65:591-612.
- Coble, K.H., L. Chalise, B.J. Barnett, and J.C. Miller. January 2017. “Developing a Feasible Whole Farm Insurance.” *Journal of Agricultural and Resource Economics* 42:27-44.
- \*Maestro, T., B.J. Barnett, K.H. Coble, A. Garrido and M. Bielza. September 2016. “Drought Index Insurance for the Central Valley Project in California.” *Applied Economic Perspectives and Policy* 38:521-545.
- Barnett, B.J. August 2014. “The Last Farm Bill?” Southern Agricultural Economics Association presidential address, *Journal of Agricultural and Applied Economics* 46:311-319.
- Barnett, B. April 2014. “Multiple-Peril Crop Insurance: Successes and Challenges.” *Agricultural Finance Review* 74:200-216.
- Barnett, B.J. and B. Collier. 2014. “Reflections on *Doing Bad by Doing Good*.” *Studies in Emergent Order* 7:74-80.
- Coble, K.H. and B.J. Barnett. January 2013. “Why Do We Subsidize Crop Insurance?” *American Journal of Agricultural Economics* 95:498-504.
- Barnett, B.J. and K.H. Coble. January 2012. “Understanding Regional Differences in Farm Policy Preferences.” *American Journal of Agricultural Economics* 94:528-534.
- Ubilava, D., B.J. Barnett, K.H. Coble, and A. Harri. December 2011. “The SURE Program and Its Interaction with Other Federal Farm Programs.” *Journal of Agricultural and Resource Economics* 36:630-648.
- Collier, B., J.R. Skees, and B.J. Barnett. July 2009. “Weather Index Insurance and Climate Change: Opportunities and Challenges in Lower Income Countries.” *Geneva Papers on Risk and Insurance – Issues and Practice* 34:401-424.

- Brooks, C.P., C. Holmes, K. Kramer, B. Barnett, and T.H. Keitt. June 2009. “The Role of Demography and Markets in Determining Deforestation Rates near Ranomafana National Park, Madagascar.” *PLoS ONE* 4(6):e5783. doi:10.1371/journal.pone.0005783.
- Dorfman, J.H., B.J. Barnett, J.C. Bergstrom, and B. Lavigno. January 2009. “Searching for Farmland Preservation Markets: Evidence from the Southeastern US.” *Land Use Policy* 26:121-129.
- Barnett, B.J., C.B. Barrett, and J.R. Skees. October 2008. “Poverty Traps and Index-based Risk Transfer Products.” *World Development* 36:1766-1785.
- Coble, K.H. and B.J. Barnett. August 2008. “Implications of Integrated Commodity Programs and Crop Insurance.” *Journal of Agricultural and Applied Economics* 40:431-442.
- Deng, X., B.J. Barnett, G. Hoogenboom, Y. Yu, and A. Garcia y Garcia. April 2008. “Alternative Crop Insurance Indexes.” *Journal of Agricultural and Applied Economics* 40:223-237.
- Skees, J.R., B.J. Barnett, and A.G. Murphy. Spring 2008. “Creating Insurance Markets for Natural Disaster Risk in Lower Income Countries: The Potential Role for Securitization.” *Agricultural Finance Review* 68:151-167.
- Barnett, B.J. and O. Mahul. December 2007. “Weather Index Insurance for Agriculture and Rural Areas in Lower Income Countries.” *American Journal of Agricultural Economics* 89:1241-1247.
- \*Deng, X., B.J. Barnett, and D. Vedenov. May 2007. “Is there a Viable Market for Area-based Crop Insurance?” *American Journal of Agricultural Economics* 89:508-519.
- \*Deng, X., B.J. Barnett, D.V. Vedenov, and J.W. West. March 2007. “Hedging Dairy Production Losses Using Weather-Based Index Insurance.” *Agricultural Economics* 36:271-280.
- Skees, J.R. and B.J. Barnett. Fall 2006. “Enhancing Microfinance Using Index-Based Risk Transfer Products.” *Agricultural Finance Review* 66:235-250.
- Vedenov, D.V., J.E. Epperson, and B.J. Barnett. August 2006. “Designing Catastrophe Bonds to Securitize Disaster Risks in Agriculture: The Case of Georgia Cotton.” *Journal of Agricultural and Resource Economics* 31:318-338.
- Barnett, B.J., J.R. Black, Y. Hu, and J.R. Skees. August 2005. “Is Area-Yield Insurance Competitive with Farm-Yield Insurance?” *Journal of Agricultural and Resource Economics* 30:285-301.

- Vedenov, D.V. and B.J. Barnett. December 2004. "Efficiency of Weather Derivatives for Agricultural Risk Management." *Journal of Agricultural and Resource Economics* 29:387-403.
- Hudson, D., L. House, B. Barnett, and M. Isik. June 2004. "GPS, Inc.: A Case of Investment under Uncertainty." *Review of Agricultural Economics* 26:303-312.
- House, L., S. Melgar, and B. Barnett. 2003. "Victor Melgar's Coffee Farm." *International Food and Agribusiness Management Review*, Vol. 6, Issue 3, online at <http://ifama.i4adev.com/files/House.pdf>.
- \*Miller, J.C., B.J. Barnett and K.H. Coble. December 2003. "Analyzing Producer Preferences for Counter-Cyclical Government Payments." *Journal of Agricultural and Applied Economics* 35:671-684.
- Barnett, B.J. and W.R. Kriesel. August 2003. "Agricultural Economists' Use of Classroom Economic Experiments." *Journal of Agricultural and Applied Economics* 35:321-335.
- Barnett, B.J. and J.E. Lee, Jr. August 2001. "Globalization, Technological Advances and Other Threats to American Agriculture: Discussion." *Journal of Agricultural and Applied Economics* 33:349-351.
- \*Martin, S.W., B.J. Barnett, and K.H. Coble. July 2001. "Developing and Pricing Precipitation Insurance." *Journal of Agricultural and Resource Economics* 26:261-274.
- Barnett, B.J. December 2000. "The U.S. Federal Crop Insurance Program." *Canadian Journal of Agricultural Economics* 48:539-551.
- Barnett, B.J. Spring 2000. "The U.S. Farm Financial Crisis of the 1980s." *Agricultural History* 74:366-380.
- Black, J.R., B.J. Barnett, and Y. Hu. December 1999. "Cooperatives and Capital Markets: The Case of Minnesota-Dakota Sugar Cooperatives." *American Journal of Agricultural Economics* 81:1240-1246.
- Skees, J.R. and B.J. Barnett. Fall/Winter 1999. "Conceptual and Practical Considerations for Sharing Catastrophic/Systemic Risks." *Review of Agricultural Economics* 21:424-441.
- Barnett, B.J. and B.O. Gibson. September 1999. "Economic Challenges of Transgenic Crops: The Case of *Bt* Cotton." *Journal of Economic Issues* 33:647-659.
- Barnett, B.J. June 1999. "U.S. Government Natural Disaster Assistance: Historical Analysis and a Proposal for the Future." *Disasters: The Journal of Disaster Studies, Policy & Management* 23:139-155.

- Skees, J.R., J.R. Black, and B.J. Barnett. May 1997. “Designing and Rating an Area Yield Crop Insurance Contract.” *American Journal of Agricultural Economics* 79:430-438.
- Barnett, B.J. and J.R. Skees. October 1995. “Region and Crop Specific Models of the Demand for Federal Multiple Peril Crop Insurance.” *Journal of Insurance Issues* 19:47-65.
- Barnett, B.J. March 1995. “The Federal Crop Insurance Program: Past, Present, and Future.” *Journal of Insurance Issues* 18:75-100.
- Barnett, B.J. and J.R. Skees. November 1994. “An Empirical Analysis of the Demand for Multiple Peril Crop Insurance: Comment.” *American Journal of Agricultural Economics* 76:948-951.

### BOOK CHAPTERS

- Odening, M., G. Filler, B. Barnett, K. von Witzke, O. Mußhoff, J. Möllmann, M. Michels. 2018. “Agrarpolitische Optionen zur Reduzierung von Preis- und Ertragsrisiken (Agricultural Options to Reduce Price and Income Risks).” In *Innovative Agrarpolitik nach 2020 (Innovative Agricultural Policy after 2020)*, Frankfurt am Main: Rentenbank.
- Skees, J.R. and B.J. Barnett. 2010. “Area Yield and Weather Based Crop Insurance.” In *World Crop Reinsurance*, Colin Packham and Nigel Ralph (eds.), Edinburgh: Witherby.
- Shaik, S., B.J. Barnett, K.H. Coble, J.C. Miller, and T. Hanson. 2006. “Insurability Conditions and Livestock Disease Insurance.” In *The Economics of Livestock Disease Insurance: Concepts, Issues and International Case Studies*, S.R. Koontz, D.L. Hoag, D.D. Thilmany, J.W. Green, J.L. Grannis (eds.), Cambridge: CABI Publishing.
- Gramig, B., B.J. Barnett, J.R. Skees, and J.R. Black. 2006. “Incentive Compatibility in Risk Management of Contagious Livestock Diseases.” In *The Economics of Livestock Disease Insurance: Concepts, Issues and International Case Studies*, S.R. Koontz, D.L. Hoag, D.D. Thilmany, J.W. Green, J.L. Grannis (eds.), Cambridge: CABI Publishing.
- Skees, J.R. and B.J. Barnett. 2004. “Challenges in Government Facilitated Crop Insurance.” In *Rural Finance and Credit Infrastructure in China*, Paris: Organization for Economic Cooperation and Development (OECD).
- Barnett, B.J. 2003. “The U.S. Farm Financial Crisis of the 1980s.” In *Fighting for the Farm: Rural America Transformed*, J. Adams (ed.), Philadelphia: University of Pennsylvania Press. Reprinted from *Agricultural History* 74:366-380.

- Varangis, P., J. Skees, and B. Barnett. 2002. "Weather Indexes for Developing Countries." In *Climate Risk and the Weather Market: Financial Risk Management with Weather Hedges*, R.S. Dischel (ed.), London: Risk Books.
- Skees, J.R. and B.J. Barnett. 1994. "Agricultural Insurance Alternatives: Can They Work in Taiwan?" In *Changing Trade Environment After GATT: A Case Study of Taiwan*, L. Tweeten and H. Hsu (eds), Council of Agriculture, Executive Yuan, pp. 75-90.

#### INVITED/PRINCIPAL PAPERS PRESENTED AT PROFESSIONAL MEETINGS

- Barnett, B.J. February 2014. "The Last Farm Bill?" Southern Agricultural Economics Association presidential address.
- Barnett, B.J. June 2013. "Crop Insurance: Successes and Challenges." Keynote address for the 2<sup>nd</sup> International Agricultural Risk, Finance, and Insurance Conference, Vancouver, British Columbia.
- Coble, K.H. and B.J. Barnett. August 2012. "Why Do We Subsidize Crop Insurance?" Principal paper presented at the annual meeting of the Agricultural and Applied Economics Association, Seattle, Washington.
- Barnett, B.J. and K.H. Coble. July 2011. "Understanding Regional Differences in Farm Policy Preferences." Principal paper presented at the annual meeting of the Agricultural and Applied Economics Association, Pittsburg, Pennsylvania.
- Coble, K.H. and B.J. Barnett. February 2008. "Implications of Integrated Commodity Programs and Crop Insurance." Invited paper presented at the annual meeting of the Southern Agricultural Economics Association, Dallas, Texas.
- Barnett, B.J. and O. Mahul. August 2007. "Index Insurance for Agriculture and Rural Areas in Lower Income Countries." Principal paper presented at the annual meeting of the American Agricultural Economics Association, Portland, Oregon.
- Dorfman, J.H., B. Lavigno, J.C. Bergstrom, and B.J. Barnett. June 2003. "Is There a Private Market for Farmland Preservation?" Invited paper presented at "Compensatory Options for Conserving Agricultural Land: A Research and Policy Conference," Davis, California.
- Barnett, B.J. Barnett and W.R. Kriesel. February 2003. "Agricultural Economists' Use of Classroom Economic Experiments." Invited paper presented at the annual meeting of the Southern Agricultural Economics Association, Mobile, Alabama.
- Barnett, B.J. and J.E. Lee, Jr. February 2001. "Globalization, Technological Advances and Other Threats to American Agriculture: Discussion." Invited paper presented at the annual meeting of the Southern Agricultural Economics Association, Fort Worth, Texas.



- Barnett, B.J. June 2000. “Risk Management Tools in the Agri-food Sector in the U.S.” Invited paper presented at the annual meeting of the Canadian Agricultural Economics Association, Vancouver, Canada.
- Black, J.R., B.J. Barnett, and Y. Hu. August 1999. “Cooperatives and Capital Markets: The Case of Minnesota-Dakota Sugar Beet Cooperatives.” Principal paper presented at the annual meeting of the American Agricultural Economics Association, Nashville, Tennessee.

#### REFEREED PAPERS AND POSTERS PRESENTED AT PROFESSIONAL MEETINGS

- Tack, J., B. Barnett, K. Coble, and J. Yu. July 2020. “Using Historical Weather Data to Price Crop Insurance Revenue Products.” Paper presented at the European Association of Agricultural Economists Virtual Meeting “Planet Earth.”
- Dalhaus T., B.J. Barnett, and R. Finger. August 2017. “Behavioral Weather Insurance: Applying Cumulative Prospect Theory to Agricultural Insurance Design.” Paper presented at the XV European Association of Agricultural Economists Congress “Towards Sustainable Food Systems: Balancing Between Markets and Society,” Parma, Italy.
- Dalhaus T., R. Finger, and B.J. Barnett. June 2017. “Behavioral Weather Insurance.” Paper presented at the 5th International Agricultural Risk, Finance, and Insurance Conference, Paris, France.
- Tiwari, S., K. Coble, A. Harri, and B.J. Barnett. February 2017. “Hedging the Price Risk of Crop Revenue Insurance through the Futures Market.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Mobile, Alabama.
- \*Maestro, T., B.J. Barnett, K.H. Coble, A. Garrido and M. Bielza. October 2016. “A Proposed Drought Index Insurance for California.” Paper presented at “Prospects for Agricultural Insurance in Europe,” European Association of Agricultural Economists Seminar 156, Wageningen, Netherlands.
- Li, X., J.B. Tack, K.H. Coble, and B.J. Barnett. August 2016. “Can Crop Productivity Indices Improve Crop Insurance Rates?” Paper presented at the annual meeting of the Agricultural and Applied Economics Association, Boston, Massachusetts.
- Li, X, K.H. Coble, J.B. Tack, and B.J. Barnett. August 2016. “Estimating Site-Specific Crop Yield Response using Varying Coefficient Models.” Paper presented at the annual meeting of the Agricultural and Applied Economics Association, Boston, Massachusetts.

- \*Yehouenou, L.S.M., B.J. Barnett, A. Harri, and K.H. Coble. February 2016. “An Analysis of Factors Affecting Bias and Inefficiency in Area Yield Indexes Based on Aggregated Farm Yields.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, San Antonio, Texas.
- Siameh, C., J. Tack, B.J. Barnett, and A. Harri. February 2016. “Cotton Premium Rate Heterogeneities and Implications under Climate Change.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, San Antonio, Texas.
- Coble, K.H., T. Tran, A. Harri, B.J. Barnett, and J.M. Riley. June 2015. “Area-Triggered Shallow-Loss Programs and the Optimal Hedge Ratio.” Paper presented at the 4th International Agricultural Risk, Finance, and Insurance Conference, Washington, D.C.
- Coble, K.H., B.J. Barnett, and J.M. Riley. October 2013. “Challenging Belief in the Law of Small Numbers.” Paper presented at the Agricultural and Applied Economics Association’s Crop Insurance and the Farm Bill Symposium, Louisville, Kentucky.
- Coble, K.H., L. Chalise, B.J. Barnett, and J.C. Miller. June 2013. “Developing a Feasible Whole Farm Insurance Product.” Paper presented at the 2nd International Agricultural Risk, Finance, and Insurance Conference, Vancouver, British Columbia, Canada.
- Tran, T., K. Coble, A. Harri, B.J. Barnett, and J.M. Riley. February 2013. “Proposed Farm Bill Impact on the Optimal Hedge Ratios for Crops.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Orlando, Florida.
- \*Wang, Y., B.J. Barnett, K.H. Coble, and A. Harri. August 2012. “Yield Aggregation Impacts on a ‘Deep Loss’ Systemic Risk Protection Program.” Paper presented at the annual meeting of the Agricultural and Applied Economics Association, Seattle, Washington.
- \*Wang, Y., B.J. Barnett, K.H. Coble, and A. Harri. February 2012. “An Examination of How the Level of Yield Aggregation Impacts the Effectiveness of Area-based Insurance Designs.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Birmingham, Alabama.
- Chalise, L., K.H. Coble, and B.J. Barnett. February 2011. “Customizable Area Whole Farm Insurance.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Corpus Christi, Texas.
- Anderson, J.D., B.J. Barnett, and K.H. Coble. July 2009. “Impacts of the SURE Standing Disaster Assistance Program on Producer Risk Management and Crop Insurance Programs.” Paper presented at the annual meeting of the Agricultural and Applied Economics Association, Milwaukee, Wisconsin.

- Anderson, J.D., B.J. Barnett, and K.H. Coble. February 2008. “Impacts of a Standing Disaster Assistance Program on U.S. Crop Insurance.” Paper presented at the European Association of Agricultural Economists Seminar on Income Stabilization, Warsaw, Poland.
- Zhang, R., J. Houston, D. Vedenov, and B. Barnett. August 2007. “Hedging Downside Risk To Farm Income With Futures And Options: Effects Of Government Payment Programs And Federal Crop Insurance Plans.” Poster presented at the annual meeting of the American Agricultural Economics Association, Portland Oregon.
- Skees, J.R. and B.J. Barnett. July 2007. “Creating Insurance Markets for Natural Disaster Risk in Lower Income Countries: The Potential Role for Securitization.” Paper presented at the European Association of Agricultural Economists Seminar on Management of Climate Risks in Agriculture, Berlin, Germany.
- \*Ling, S., X. Deng, and B.J. Barnett. February 2007. “Evaluating a Proposed Modification to Federal Crop Insurance.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Mobile Alabama.
- Skees, J., B. Barnett, and J. Hartell. August 2006. “Innovations in Government Responses to Catastrophic Risk Sharing for Agriculture in Developing Countries.” Paper presented at the 26<sup>th</sup> conference of the International Association of Agricultural Economists, Queensland, Australia.
- Deng, X., B.J. Barnett, G. Hoogenboom, Y. Yu, and A. Garcia y Garcia. February 2006. “Evaluating the Efficiency of Crop Index Insurance Products.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Orlando, Florida.
- \*Ahmadov, F.A., A.K. Mishra, and B.J. Barnett. February 2006. “Perception of Decoupled Government Payments: Evidence from a National Survey.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Orlando, Florida.
- \*Deng, X., B.J. Barnett, Y. Yu, and G. Hoogenboom. February 2005. “Managing Crop Production Risk with Crop Index Insurance Products.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Little Rock, Arkansas.
- Byrne, R.J., N.B. Smith, S.M. Fletcher, and B.J. Barnett. February 2005. “Risk Management Strategies for a Producer-Owned Peanut Shelling Cooperative.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Little Rock, Arkansas.
- \*Deng, X., B.J. Barnett, and D. Vedenov. February 2004. “Testing the Viability of Area Yield Insurance for Cotton and Soybeans in the Southeast.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Tulsa, Oklahoma.

- \*Deng, X., B.J. Barnett, D. Vedenov, and J.W. West. February 2004. “THI Application to Insuring Against Heat Stress in Dairy Cattle.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Tulsa, Oklahoma.
- \*Miller, J.C., B.J. Barnett, and K.H. Coble. August 2001. “Analyzing Producer Preferences for Counter-Cyclical Government Payments.” Paper presented at the annual meeting of the American Agricultural Economics Association, Chicago, Illinois.
- Hudson, D., L. House, B. Barnett and M. Isik. June 2001. “GPS Inc.: A Case of Investment Under Uncertainty.” Paper presented at The Maple Leaf Conference III, Sydney, Australia.
- \*Martin, S.W., B.J. Barnett and K.H. Coble. February 2000. “Developing and Pricing a Rainfall Contingent Claims Contract.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Lexington, Kentucky.
- Miller, J.C., K.H. Coble and B.J. Barnett. February 2000. “Investigating the Implications of Multi-Crop Revenue Insurance for Producer Risk Management.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Lexington, Kentucky.
- Isengildina, O., O. Vergara, K. Coble, D. Hudson, and B. Barnett. August 1999. “An Empirical Analysis of the Demand for Various Types of Crop Insurance.” Paper presented at the annual meeting of the American Agricultural Economics Association, Nashville, Tennessee.
- Barnett, B.J. “The U.S. Farm Financial Crisis of the 1980's.” June 1999. Paper presented at the Agricultural History Society 80<sup>th</sup> anniversary symposium, Mississippi State, Mississippi.
- Barnett, B.J. and B.O. Gibson. February 1998. “The Political Economy of *Bt* Cotton: Property Rights, Transactions Costs and Imperfect Information.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Little Rock, Arkansas.
- Robinson, J.R.C., B.J. Barnett and S.R. Spurlock. February 1998. “Pest Management, Net Revenue Risk, and Insurance: What are the Policy Alternatives.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Little Rock, Arkansas.
- Spurlock, S.R., B.J. Barnett, S. Dhar, O. Isengildina, S. Meerungruang, G. Mumma and O. Murova. February 1998. “Evaluating Crop and Revenue Insurance Purchase Decisions in the Mid-South.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Little Rock, Arkansas.
- Barnett, B.J. and L. House. July 1996. “Using the Double-Oral Auction Experiment in an Introductory Agricultural Economics Course.” Poster presented at the annual meeting of the American Agricultural Economics Association, San Antonio, Texas.

- Skees, J.R., J.R. Black, and B.J. Barnett. August 1995. “Designing and Rating an Area Yield Crop Insurance Contract.” Paper presented at the annual meeting of the American Agricultural Economics Association, Indianapolis, Indiana.
- Cannon, D. and B.J. Barnett. August 1995. “Modeling Changes in Participation in the Federal Multiple Peril Crop Insurance Program Between 1982 and 1987.” Paper presented at the annual meeting of the American Agricultural Economics Association, Indianapolis, Indiana.
- Barnett, B.J. and J.R. Skees. August 1991. “ASCS Program Yields: Policy Implications for Regional Resource Allocation and Crop Insurance.” Paper presented at the annual meeting of the American Agricultural Economics Association, Manhattan, Kansas. Staff Paper 297, Department of Agricultural Economics, University of Kentucky.
- Hourigan, J.D., J.R. Skees, and B.J. Barnett. February 1991. “An Evaluation of the Administration's Disaster Assistance Program.” Paper presented at the annual meeting of the Southern Agricultural Economics Association, Fort Worth, Texas. Staff Paper 286, Department of Agricultural Economics, University of Kentucky.
- Barnett, B.J., J.R. Skees, and J.D. Hourigan. August 1990. “Explaining Participation in Federal Crop Insurance.” Paper presented at the annual meeting of the American Agricultural Economics Association, Vancouver, British Columbia. Staff Paper 275, Department of Agricultural Economics, University of Kentucky.

#### RESEARCH REPORTS

- Barnett, B.J., K.H. Coble, J. Johnson, M.F. Miller, D. Linton, and J. Tack. “Grain Sorghum Evaluation Actuarial Review.” Report prepared for the Risk Management Agency of the U.S. Department of Agriculture, July 2020.
- Coble, K., B. Goodwin, M.F. Miller, R. Rejesus, A. Harri, D. Linton, and B. Barnett. “Review of the Pasture, Rangeland, Forage Rainfall Index Crop Insurance Program Indexing and Rating Methodology.” Report prepared for the Risk Management Agency of the U.S. Department of Agriculture, February 2020.
- Goodwin, B., M. Buck, R. Rejesus, B. Barnett, M.F. Miller, and K. Coble. “Evaluation of Actual Revenue History Sweet Cherry & Tart Cherry Program & Review of the Actual Revenue History Plan of Insurance.” Report prepared for the Risk Management Agency of the U.S. Department of Agriculture, July 2018.
- Rejesus, R., B. Barnett, M.F. Miller, and K. Coble. “Soil and Conservation Review.” Report prepared for the Risk Management Agency of the U.S. Department of Agriculture, May 2018.

- Glauber, J., A. Harri, K. Coble, and B. Barnett. “Crop Insurance and Environmental Outcomes.” Report prepared for the Walton Family Foundation, August 2017.
- Goodwin, B.K., A. Harri, R.M. Rejesus, K.H. Coble, B.J. Barnett, and M.F. Miller. “Actuarial Review of Price-Yield Dependence Used in Revenue Insurance Rating.” Report prepared for the Risk Management Agency of the U.S. Department of Agriculture, August 2016.
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- Barnett, B.J. and L. Reinschmiedt. “Agriculture and Forestry in Mississippi: An Analysis of the Impacts of Food and Fiber Related Sectors on the Mississippi Economy.” Mississippi State University Agricultural Economics Technical Bulletin 95, November 1996.

#### INVITED BOOK REVIEWS

- Barnett, B.J. October 2001. Review of *The Agricultural Revolution of the 20<sup>th</sup> Century* by Don Paarlberg and Philip Paarlberg. *Rural History* 12:237-239.
- Barnett, B.J. June 2001. Review of *Disasters and Democracy: The Politics of Extreme Natural Events* by Rutherford H. Platt. *Disasters: The Journal of Disaster Studies, Policy & Management* 25:181-182.

#### CONFERENCE PROCEEDINGS

- Dorfman, J.H., B. Lavigno, J.C. Bergstrom, and B.J. Barnett. 2004. “Preserving Farmland through Private Markets and Dedicated Funding.” Papers from the Annual Meeting of W-1133, Seventeenth Interim Report, pp. 1-17.
- Dorfman, J.H., B. Lavigno, J.C. Bergstrom and B.J. Barnett. 2003. “Is there a Private Market for Farmland Preservation?” In N. De Cuir, A.D. Sokolow, and J. Woled (eds.), *Compensatory Options for Conserving Agricultural Land*, Davis, California: Community Studies Extension of UC Davis.
- Martin, S.W., J.R.C. Robinson and B.J. Barnett. “Managing Revenue Risk on Mississippi Cotton Farms.” *1998 Proceedings Beltwide Cotton Conferences*, pp. 339-340.

- Robinson, J.R.C. and B.J. Barnett. “State-Level Economic Impacts of the New Cotton Program in Mississippi.” *1996 Proceedings Beltwide Cotton Conferences*, pp. 455-457.

## OTHER PRESENTED PAPERS

### *International Audiences*

- Barnett, B., B. Collier, J. Hartell, A. Murphy, N. Nikolova, and J. Skees. “Rethinking the Role of Index Insurance – Accessing Markets for the Poor.” Paper presented at the conference on Weather Index Insurance for Smallholder Farmers in Africa: Lessons Learned and Goals for the Future, Cape Town, South Africa, September 2010.
- Skees, J.R., B.J. Barnett, and B. Collier. “Agricultural Insurance: Background and Context for Climate Adaptation Discussions.” Paper presented at Organization for Economic Cooperation and Development (OECD) Expert Workshop on Economic Aspects of Adaptation, Paris, France, April 2008.
- Skees, J., B. Barnett, and J. Hartell. “Innovation in Government Responses to Catastrophic Risk Sharing for Agriculture in Developing Countries.” Paper presented at the workshop “Innovations in Agricultural Production Risk Management in Central America: Challenges and Opportunities to Reach the Rural Poor,” Antigua, Guatemala, May 2005.
- Skees, J.R. Skees and B.J. Barnett. “Challenges in Government Facilitated Crop Insurance.” Paper presented at Organization for Economic Cooperation and Development (OECD) Workshop on Rural Finance and Credit Infrastructure in China, Paris, France, October 2003.

### *Peer or Professional Audiences*

- Barnett, B.J. “The Empiricist’s Dilemma.” Paper presented in a panel discussion of Christopher Coyne’s book *Doing Bad by Doing Good*, Mississippi State University, March 2013.
- Coble, K.H., D. Ubilava, R. Dismukes, and B.J. Barnett. “Evaluating the Risk Reduction of ‘Shallow Loss’ versus Wrapped Farm Policy.” Paper presented at the annual meeting of SCC-76 “Economics and Management of Risk in Agriculture and Natural Resources,” Pensacola, Florida, March 2012.
- Zhang, R., J.E. Houston, D.V. Vedenov, and B.J. Barnett. “Impacts of Government Risk Management Policies on Hedging in Futures and Options: LPM<sub>2</sub> Hedge Model vs. EU Hedge Model.” Paper presented at the annual meeting of NCCC-134 “Applied Commodity Price Analysis: Forecasting and Market Risk Management,” St. Louis, Missouri, April 2008.

- Coble, K.H. and B.J. Barnett. “The Impact of Alternative Farm Bill Designs on the Aggregate Distribution of Farm Program Payments.” Paper presented at the S-1016 conference on Domestic and Trade Impacts of U.S. Farm Policy: Future Directions and Challenges, Washington D.C., November 2007.
- Barnett, B.J. “Federal Crop Insurance.” Testimony before the U.S. House of Representatives, Committee on Agriculture, Subcommittee on General Farm Commodities and Risk Management. Washington D.C., April 2006.
- Vedenov, D.V., J.E. Epperson, and B.J. Barnett. “Designing Catastrophe Bonds to Securitize Disaster Risks in Agriculture: Case of Georgia Cotton.” Paper presented at the annual meeting of SCC-76 “Economics and Management of Risk in Agriculture and Natural Resources,” Myrtle Beach, South Carolina, April 2005.
- Barnett, B.J. “Agricultural Index Insurance Products: Strengths and Limitations.” Paper presented at the 2004 USDA Agricultural Outlook Forum, Arlington, Virginia, February 2004.
- Barnett, B.J. “The Federal Crop Insurance Program: Opportunities and Challenges.” Paper presented at the 2003 USDA Agricultural Outlook Forum, Arlington, Virginia, February 2003.
- Vedenov, D.V. and B.J. Barnett. “Weather Derivatives for Agricultural Risk Management: Fad or Practical Tool?” Paper presented at the annual meeting of SERA-IEG-31 “Economics and Management of Risk in Agriculture and Natural Resources,” Gulf Shores, Alabama, March 2002.
- Coble, K.H., S. Martin, and B.J. Barnett. “Modeling Counter-Cyclical Farm Policy for Mid-South Farmers.” Paper presented at the annual meeting of the Mississippi Agricultural Economics Association, Starkville, Mississippi, June 2001.
- Coble, K.H. and B.J. Barnett. “Modeling Domestic Support Programs for the Next Farm Bill: An Aggregate-Disaggregate Approach.” Paper presented at the Mississippi State University Economic Sciences Symposium, November 2000.
- Coble, K.H. and B.J. Barnett. “The Role of Research in Producer Risk Management.” Paper presented at a pre-conference on “Agricultural Risk Management.” Annual meeting of the American Agricultural Economics Association, Salt Lake City, Utah, August 1998.
- Wolfe, W., B. Barnett, and D. Caillavet. “Site-Specific Crop Management: Technologies, Applications and Current Research Initiatives.” Paper presented at the Southern Soybean Conference, Memphis, Tennessee, February 1996.

- Barnett, B.J. “Federal Natural Disaster Assistance Policy: Crop Losses as a Case Study of a Much Broader National Challenge.” Presentation at a pre-conference on “Designing New Programs for Managing Farm Production and Price/Marketing Risks in the 21st Century: The Challenge for Agricultural Economists.” Annual meeting of the American Agricultural Economics Association, San Diego, California, August 1994.

#### EXTENSION AND OUTREACH PUBLICATIONS

- Coble, K.H. B.J. Barnett, and J.M Riley. “Five Questions to ask About a Farm Bill Decision Aid.” Department of Agricultural Economics Blog, Mississippi State University, [http://blogs.msucare.com/agecon/2014/11/03/five-questions-to-ask-about-a-farm-bill-decision-aid/?utm\\_source=rss&utm\\_medium=rss&utm\\_campaign=five-questions-to-ask-about-a-farm-bill-decision-aid](http://blogs.msucare.com/agecon/2014/11/03/five-questions-to-ask-about-a-farm-bill-decision-aid/?utm_source=rss&utm_medium=rss&utm_campaign=five-questions-to-ask-about-a-farm-bill-decision-aid) November 2014.
- Coble, K.H. and B.J. Barnett. “Five Things You Need to Know About County-triggered Shallow Loss Programs.” Department of Agricultural Economics Blog, Mississippi State University, <https://blogs.extension.msstate.edu/agecon/2014/08/22/five-things-you-need-to-know-about-county-triggered-shallow-loss-programs/> August 2014.
- Barnett, B.J., K.H. Coble, and J.M. Riley. “Analyzing Mississippi Soybean Producers’ Farm Bill Alternatives.” *Ag Policy Brief*, Department of Agricultural Economics, Mississippi State University.
- Riley, J.M., L. Falconer, K. Coble, B. Barnett, and B. Williams. “Farm Bill Presentations, Support Tools, and Calculators.” Department of Agricultural Economics Blog, Mississippi State University, <http://blogs.msucare.com/agecon/2014/04/15/farm-bill-support-tools-and-calculators/>, April 2014.
- Riley, J.M., K. Coble, L. Falconer, and B. Barnett. “Summary of the Agricultural Act of 2014.” Department of Agricultural Economics Blog, Mississippi State University, [http://blogs.msucare.com/agecon/2014/03/03/summary-of-the-agricultural-act-of-2014/?utm\\_source=rss&utm\\_medium=rss&utm\\_campaign=summary-of-the-agricultural-act-of-2014](http://blogs.msucare.com/agecon/2014/03/03/summary-of-the-agricultural-act-of-2014/?utm_source=rss&utm_medium=rss&utm_campaign=summary-of-the-agricultural-act-of-2014), March 2014.
- Coble, K., B. Barnett, and C. Miller. “House Agriculture Committee Version of the 2012 Farm Bill.” Department of Agricultural Economics, Mississippi State University, Farm Policy Brief Volume 2, Issue 3, July 2012.
- Coble, K., B. Barnett, C. Miller, and D. Ubilava. “Senate Agriculture Committee Version of the 2012 Farm Bill.” Department of Agricultural Economics, Mississippi State University, Farm Policy Brief Volume 2, Issue 2, June 2012.
- Miller, C., B. Barnett, and K. Coble. “The Price of ACRE.” Department of Agricultural Economics, Mississippi State University, Farm Policy Brief Vol. 1, Issue 1, February 2011.

- Barnett, B.J. and K.H. Coble. 1<sup>st</sup> Quarter 2009. “Are Our Agricultural Risk Management Tools Adequate for a New Era?” *Choices* 24 (1):36-39.
- Wetzstein, M. and B. Barnett. “Energy Issues, Policy Options.” *Georgia Economic Issues Newsletter*, Department of Agricultural and Applied Economics, University of Georgia, December 2005.
- Barnett, B.J. Winter 2001. “Risky Business.” *Southern Perspectives*, volume 4, number 4, Southern Rural Development Center.
- Barnett, B.J. and K.H. Coble. March 2001. “New Crop Insurance Provisions for 2001.” *Delta Business Journal*.
- Barnett, B.J., S.W. Martin, and K.H. Coble. June 1998. “Managing Revenue Risk on Mississippi Farms.” Mississippi State University Extension Service Publication 2198.
- Barnett, B.J. and J.R.C. Robinson. September 1996. “Agriculture: Food, Fiber & Forestry; Contributions to Mississippi’s Economy.” Mississippi State University Extension Service Publication 2165.
- Barnett, B.J., F.J. Benson, and J.R. Skees. Fall 1994. “Crop Insurance and Crop Insurance Reform.” In *Economic Issues Facing Kentucky Agriculture*. ESM - 18, Department of Agricultural Economics, University of Kentucky.

## OTHER PRESENTATIONS

### *International Audiences*

- “Improving Risk Management Tools.” Organization for Economic Cooperation and Development (OECD) Global Forum on Agriculture, Paris, France, May 2018.
- “So Much Potential: The Case of Agricultural Index Insurance.” Invited seminar presentation to the Development Economics Network of Berlin, Berlin, Germany, February 2017.
- “A Proposed Drought Index Insurance for California.” Invited seminar presentation at Department of Management, Technology, and Economics, ETH Zurich, Zurich Switzerland, November 2016.
- “Current Issues and Recent Developments in the U.S. Federal Crop Insurance Program.” Invited presentation at “Prospects for Agricultural Insurance in Europe,” European Association of Agricultural Economists Seminar 156, Wageningen, Netherlands., October 2016.

- “Reflections on Crop Insurance Public-Private Partnerships.” Sixth Annual Canadian Agri-Food Policy Conference, Canadian Agricultural Economics Society, Ottawa, Canada, January 2016.
- “Big Data: Implications for Risk and Crop Insurance Research.” Organized symposium presentation, 29<sup>th</sup> triennial conference of the International Association of Agricultural Economists, Milan, Italy, August 2015.
- “The 2014 U.S. Farm Bill.” Invited presentation for the Foro Global Agroalimentario, Mazatlan, Mexico, October 2014.
- “Crop Insurance Implications of the 2014 Farm Bill.” Invited presentation for the XIII Congreso de la Asociación Latinoamericana para el Desarrollo del Seguro Agropecuario, Puebla, Mexico, May 2014.
- “An Introduction to Area Yield Index Insurance.” Invited presentation for a workshop on “Area Yield Index Insurance,” Ghana Agricultural Insurance Programme, Accra, Ghana, February 2012.
- “Using Area Yield Index Insurance.” Invited presentation for a workshop on “Area Yield Index Insurance,” Ghana Agricultural Insurance Programme, Accra, Ghana, February 2012.
- “Index-based Agricultural Risk Management Tools.” Invited presentation at a conference on “Risk Management under the Reformed CAP,” Warsaw University of Life Sciences, Warsaw, Poland, December 2011.
- “Challenges with Developing Weather Index Insurance for Rural Areas of Lower Income Countries.” Keynote presentation for Weather Derivatives and Risk workshop at Humboldt University, Berlin, Germany, January 2010.
- “Catastrophic Risk and Poverty: What is the Potential for Weather Index Insurance Interventions?” Invited seminar for the International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria, January 2010.
- “Risk Financing Mechanisms – An Overview of Concepts and Approaches.” Invited presentation for the World Water Week Conference, Stockholm, Sweden, August 2009.
- “The Risks of Public Involvement: Learning from the US Experience.” Invited presentation for the G8 Experts’ Meeting on Insurance Instruments for Adaptation to Climate Risks, Berlin, Germany, November 2007.

- “Key Conceptual/Product Issues in Agricultural Insurance.” Invited presentation for the 34<sup>th</sup> General Assembly of the Confédération Internationale du Crédit Agricole, Nicosia, Cyprus, September 2004.
- “The U.S. Federal Crop Insurance Program.” Invited presentation for the 34<sup>th</sup> General Assembly of the Confédération Internationale du Crédit Agricole, Nicosia, Cyprus, September 2004.
- “Agricultural Risk Management: The U.S. Experience.” Invited presentation for the Management of Farming Risk Conference, Harper Adams University College, Newport, Shropshire, United Kingdom, October 2003.
- “Agricultural Insurance: The U.S. Experience.” Invited presentation for the EU Conference on Natural Risk and Insurance in the Agricultural Sector: Perspectives in the Europe of 25, Thessaloniki, Greece, June 2003.
- “Agricultural Insurance.” Invited presentation for the Advancing Microfinance in Rural West Africa Conference, Bamako, Mali, February 2000.

*Peer or Professional Audiences*

- “Tips for Interviewing and Negotiating Job Offers for Graduate Students.” Organized symposium presentation, annual meeting of the Southern Agricultural Economics Association, Birmingham, Alabama, February 2019.
- “Market Opportunities: Comparing Research Perspectives to those of Business Professionals.” Presentation at AIR Worldwide Crop Symposium, Boston, MA, May 2018.
- “Re-thinking the Structure of the Federal Crop Insurance Program.” Organized symposium presentation, annual meeting of the Southern Agricultural Economics Association, San Antonio, Texas, February 2016.
- “Crop Insurance and Soil Health.” Presentation at a joint Farm Foundation/Economic Research Service workshop on the “Economics of Soil Health.” Washington D.C., September 2015.
- “Big Data Policy Implications for USDA Agencies and University Researchers.” Organized symposium presentation, annual meeting of the Agricultural and Applied Economics Association, San Francisco, California, July 2015.
- “Crop Insurance Premium Rating.” Invited presentation for the Agricultural and Applied Economics Association’s Crop Insurance and the Farm Bill Symposium, Louisville, Kentucky, October 2013.

- “A Brief History of U.S. Commodity Programs.” Invited presentation for the annual meeting of the Mississippi Agricultural Economics Association, Starkville, Mississippi, October 2013.
- “Climate Change Implications for Crop Insurance.” Organized symposium presentation, annual meeting of the Agricultural and Applied Economics Association, Washington DC, July 2013.
- “Random Thoughts about Publishing.” Presentation to the Mississippi State University Division of Agriculture, Forestry, and Veterinary Medicine Faculty Mentoring Program, Starkville, Mississippi, April 2013.
- “Farm Policy in an Era of Budget Austerity and High Commodity Prices.” Presentation to the American Farm Bureau Federation Outlook Conference, Portland, Oregon, October 2011.
- “The Academic Perspective.” Organized symposium presentation, annual meeting of the Agricultural and Applied Economics Association, Denver, Colorado, July 2010.
- “New Developments in Crop Insurance and their Implications for 2010 and Beyond.” Organized symposium presentation, annual meeting of the Agricultural and Applied Economics Association, Denver, Colorado, July 2010.
- “What Do Insurance Principles Imply About Compensation Mechanisms.” Presentation for “Workshop on Livestock Compensation” sponsored by the USDA/APHIS Center for Epidemiology and Animal Health, Fort Collins, Colorado, July 2010.
- “From the Margin to the Mainstream: 20 Years of Index Insurance Research.” Seminar, Department of Agricultural Economics, Mississippi State University, April 2010.
- “An Introduction to Index Insurance.” Organized symposium presentation, annual meeting of the Agricultural and Applied Economics Association, Milwaukee, Wisconsin, July 2009.
- “Gaps in the Farm Risk Literature.” Organized symposium presentation, annual meeting of the Agricultural and Applied Economics Association, Milwaukee, Wisconsin, July 2009.
- “Are Our Agricultural Risk Management Tools Adequate for a New Era?” Agricultural and Applied Economics Association and Council on Food, Agricultural and Resource Economics webinar, April 2009.
- “Essentials for Teaching Agricultural Policy.” Organized symposium presentation, annual meeting of the Southern Agricultural Economics Association, Mobile, Alabama, February 2007.



- “Perception of Fixed Direct Payments: Evidence from a National Survey.” Organized symposium presentation, annual meeting of the American Agricultural Economics Association, Long Beach, California, July 2006.
- “Poverty Traps and Index Insurance.” Invited Seminar, Department of Agricultural Economics, Mississippi State University, September 2005.
- “The Prevalence and Relevance of Experiments in Agricultural Economics Courses.” Organized symposium presentation, annual meeting of the American Agricultural Economics Association, Montreal, Quebec, July 2003.
- “What Risk Researchers Can Offer Extension Educators.” Organized symposium presentation, annual meeting of the Southern Agricultural Economics Association, Mobile, Alabama, February 2003.
- “Insurability Issues.” Invited presentation for the Livestock Insurance Products International Conference and Forum, Fort Collins, Colorado, November 2002.
- “Risk and Insurance Principles.” Invited presentation for the National Risk Management for Aquaculture Workshop, Memphis, Tennessee, April 2002.
- “Risk Management and Crop Insurance.” Invited presentation for the annual meeting of the National Association of Farm Business Analysis Specialists, Bowling Green, Kentucky, June 2001.
- “Developing and Pricing Precipitation Insurance.” Invited presentation for the USDA Risk Management Agency Research Advisory Committee, Washington D.C., September 2000.
- “Excellence in Teaching: Outcome or Attitude?” Invited presentation for Excellence in Teaching Symposium, Mississippi State University College of Agriculture and Life Sciences, August 2000.
- “Basic HTML and Frontpage: A Minimalist Approach to Course Web Sites.” Organized symposium presentation, annual meeting of the American Agricultural Economics Association, Tampa, Florida, August 2000.
- “Crop Insurance Rates in the mid-South.” Invited presentation for the USDA Risk Management Agency Research Advisory Committee, Nashville, Tennessee, August 1999.
- “State of U.S. Agriculture and the Safety Net.” Invited presentation for U.S. House of Representatives legislative staff, Washington D.C., May 1999.

- “Crop Insurance Premium Rates in the mid-South.” Organized symposium presentation, annual meeting of the Southern Agricultural Economics Association, Memphis, Tennessee, February 1999.
- “Risk Management Research in the Agricultural Economics Department” (with K. Coble and D. Hudson). Mississippi Agricultural and Forestry Experiment Station and Mississippi State University Extension Service Program of Excellence, Mississippi State University, November 1998.

*Lay Audiences*

- “2014 Farm Bill Overview.” Annual meeting of the Mississippi Rice Council, Stoneville, Mississippi, February 2015.
- “Agricultural Policy Update.” 41<sup>st</sup> annual Delta Ag Expo, Cleveland, Mississippi, January 2014.
- “The Ever Elusive Farm Bill.” Mississippi State University Cooperative Extension Service, Tate County, Mississippi, January 2013.
- “The 2012 Farm Bill Debate.” Mississippi Farm Bureau Federation Rice Advisory Committee, Cleveland, Mississippi, July 2012.
- “Risk Management and the 2012 Farm Bill.” American Society of Farm Managers and Rural Appraisers, Mid-South Chapter, Greenwood, Mississippi, June 2012.
- “Crop Insurance and Farm Programs.” Mississippi Seedsmen’s Association, Tunica, Mississippi, February 2011.
- “Risk and Risk Management.” Mississippi State University Risk Management Workshop, Starkville, Mississippi, December 2010.
- “Advanced Business Risk Management Programs around the World.” Invited presentation for the Policy Education Program, University of Guelph, November 2010.
- “What’s at Stake?” Mississippi State University Women in Agriculture Conference, Various locations in Mississippi, February 2009; March, September, October 2008; and October and November 2007.
- “Poverty and Extreme Weather Events.” Starkville Mississippi Chapter of Kiwanis International, Starkville, Mississippi, August 2008.
- “2008 Farm Bill.” Mississippi Association of County Agricultural Agents Professional Improvement Conference, Raymond, Mississippi, August 2008.

- “2008 Farm Bill.” Mississippi Farm Bureau Federation Young Farmer and Rancher Board of Directors, Starkville, Mississippi, July 2008.
- “2008 Farm Bill.” Agronomic Crops Field Day, Mississippi State University Delta Research and Extension Center, Stoneville, Mississippi, July 2008.
- “Farm Bill Update.” Mississippi Association of Farm Manager’s and Rural Appraisers’ Workshop, Starkville, Mississippi, January 2008.
- “The 2007 Farm Bill.” University of Georgia Agricultural Outlook Conference, Gainesville, Georgia, February 2007.
- “Is Poultry Disease Insurance Possible?” University of Maryland Broiler Risk Management Conference, Salisbury, Maryland, September 2004.
- “Farm Bill.” University of Georgia Corn Producers Short Course, Tifton, Georgia, January 2002.
- “Agricultural Policy.” Mississippi State University Crop Insurance - Risk Management Short Course, Robinsonville, Mississippi, January 2001.
- “Agricultural Policy.” Mississippi State University Extension Service and USDA Farm Service Agency Borrower Training Short Course, Mississippi State University, January 2001.
- “Marketing/Risk Management.” Invited presentation for the Future of Midsouth Agriculture Conference, Memphis, Tennessee, July 2000.
- “Ag. Risk and Policy.” 27<sup>th</sup> annual Delta Ag. Expo, Cleveland, Mississippi, January 2000.
- “Agricultural Policy Update and New Legislation.” Mississippi State University Crop Insurance - Risk Management Short Course, Robinsonville, Mississippi, January 2000.
- “Current Legislative Initiatives that will Affect Agriculture.” Mississippi State University Brown Loam Research and Extension Field Day. Raymond, Mississippi, August 1999.
- “Crop Insurance in the South.” Mississippi State University Extension Service and USDA Risk Management Agency Agricultural Lenders Risk Management Workshop, Mississippi State University, August 1998.
- “Agricultural Policy.” Mississippi Association of Conservation Districts, Central Area Summer Meeting, Decatur Mississippi, July 1998.

- “We Have Markets, Why Do We Need Government?” Agricultural Leadership Development Program, University of Kentucky, November 1997.
- “Understanding the Federal Budget.” Participatory learning workshop developed for the Agricultural Leadership Development Program, University of Kentucky, January 1997.
- “Risk Management Using Crop Insurance Products.” Mississippi Cooperative Extension Service Cotton Production Short Course, Mississippi State University, December 1996.
- “Bank Risk Management after Government Programs.” Mississippi Bankers Association Agricultural Conference, Jackson, Mississippi, November 1995.
- “The Impact of Reductions in Farm Support Payments on the Mississippi Economy.” Mississippi Agricultural Economics Association, Mississippi State University, June 1995.
- “The Structure of U.S. Agriculture.” Ukraine Agribusiness Development and Management Training Project, University of Kentucky, November 1994.
- “Performance Objectives and Implementation Issues for Future U.S. Agricultural Policy.” Agricultural Leadership Development Program, University of Kentucky, January 1994.

#### FUNDED PROJECTS

- Co-investigator. “Precision Corn Management Technologies with Spatially Explicit Production Budgets (Year 2).” Mississippi Agricultural and Forestry Experiment Station Strategic Research Initiative. 2016. \$150,000 (Multi-disciplinary project; departmental share \$51,765).
- Co-investigator. “Crop Insurance and Environmental Outcomes.” Walton Family Foundation. 2015-2016. \$124,033.
- Co-investigator. “Precision Corn Management Technologies with Spatially Explicit Production Budgets.” Mississippi Agricultural and Forestry Experiment Station Strategic Research Initiative. 2015. \$150,000 (Multi-disciplinary project; departmental share \$52,500).
- Co-investigator. “New Policy Implications of ‘Big Ag Data.’” Cooperative agreement with USDA, Office of Chief Economist. 2015. \$149,529.
- Principal-Investigator. “Assessing the Impact of the New Farm Bill on Mississippi Soybean Producers.” Mississippi Soybean Promotion Board. 2013. \$28,280.

- Co-investigator. “Evaluation of Commodity Programs, Crop Insurance, and Forward Pricing Alternatives for Mississippi Soybean Farms.” Mississippi Soybean Promotion Board. 2012. \$30,726.
- Co-investigator. “Evaluating the Impacts of Farm Bill Commodity Program Modifications on Mississippi Producers.” Mississippi Agriculture and Forestry Experiment Station Strategic Research Initiative. 2012. \$49,500.
- Co-investigator. “Modeling Insurance and Revenue Programs.” American Farm Bureau Foundation for Agriculture. 2010-2011. \$35,000.
- Co-investigator. “Assessing Research Needs Related to Coastal Natural Disaster Risk and Insurance.” Northern Gulf Institute. 2008-2009. \$33,732.
- Co-investigator. “Aquaculture Program Development for Catfish and Trout Crop Pilot Insurance Programs.” USDA Risk Management Agency. 2007-2008. \$149,878.
- Co-investigator. “Providing Risk Management Tools for Producers Wanting to Diversify into New or Specialty Crops: Phase 2.” USDA Risk Management Agency. 2005-2006. \$154,980 (Multi-institution project; institutional share was \$31,684).
- Co-investigator. “Providing Risk Management Tools for Producers Wanting to Diversify into New or Specialty Crops: Phase 1.” USDA Risk Management Agency. 2003-2005. \$309,959 (Multi-institution project; institutional share was \$63,368).
- Principal-investigator. “Development of Specific-Risk Insurance Tools.” USDA Risk Management Agency. 2001-2003. \$165,000.
- Co-investigator. “Investment Under Uncertainty: Applications of Real Option Valuation to Investments in Remote Sensing Technologies.” Mississippi State University Remote Sensing Technologies Center. 2000-2001. \$144,684.
- Co-investigator. “The Role of Cooperatives in Risk Management.” USDA Rural Business - Cooperative Service Agency in cooperation with the Mississippi State University Agribusiness Institute. 1999-2000. \$24,600.
- Co-investigator. “Multi-crop Revenue Portfolio Insurance Designs.” USDA Risk Management Agency. 1999-2000. \$60,387.
- Co-investigator. “Analysis of the Potential for Remote-Sensing Applications in Agricultural Insurance.” Mississippi Agricultural and Forestry Experiment Station Advanced Spatial Technologies for Agriculture Project. 1998. \$17,040.

- Principal investigator. “An Analysis of Crop Insurance Rates in the Mid-South.” USDA Risk Management Agency. 1997-1998. \$40,257.
- Co-investigator. “Managing Catastrophic Risks in the Farm and Food System and Rural Communities.” USDA Fund for Rural America Center Planning Grant. 1997-1998. \$25,000.

### ADVISING

- Ph.D. students:
  - X. Deng, Dissertation title “Risk Management and Finance in Agriculture,” University of Georgia, graduated August 2005.
  - S.W. Martin, Dissertation title “Developing and Pricing a Rainfall Contingent Claims Contract,” Mississippi State University, graduated May 2000.
- M.S. students:
  - L. Yehouenou, Thesis title “An Analysis of Farm-Level Performance of Shallow Loss Product Based on Aggregated Farm Yields: Case Study of the Stacked Income Protection Plan (STAX),” Mississippi State University, graduated August 2016.
  - P. Singini, Thesis title “Factors Influencing Malawian Tobacco Farmers’ Decisions Regarding Contracting,” Mississippi State University, graduated August 2015.
  - Y. Wang, Thesis Title “Yield Aggregation Impacts on Area-based Insurance and Commodity Programs,” Mississippi State University, graduated August 2012.
  - S. Ling, Thesis title “Evaluating a Proposed Modification to Federal Crop Insurance,” University of Georgia, graduated August 2007.
  - F. Ahmadov, Thesis title “Perception of Fixed Direct Payments: Evidence from a National Survey,” University of Georgia, graduated May 2006.
  - J. Cao, Thesis title “Feasibility of Weather Index Based Insurance for Protecting Against Corn Yields in Georgia,” University of Georgia, graduated August 2004.
  - J.C. Miller, Thesis title “An Analysis of a Counter-Cyclical Alternative to Market Transition Payments,” Mississippi State University, graduated July 2000.
- Mississippi State University, major professor for five Masters of Agribusiness Management (MABM) students (non-thesis).
- University of Kentucky, Committee member for one Ph.D. and one M.S. student.

- Mississippi State University, Committee member for five Ph.D., fourteen M.S. students, and four MABM students.
- University of Georgia, committee member for three Ph.D. students and eight M.S. students.

### PROFESSIONAL SERVICE

- President, Southern Agricultural Economics Association, 2014 (President-Elect, 2013, Past-President, 2015).
- Chair, National Association of Agricultural Economics Administrators, 2020 (Chair-Elect, 2019, Past-Chair, 2021).
- Board Member and Vice-Chair of the Finance and Audit Committee, Council on Food, Agricultural and Resource Economics (C-FARE), 2019-2021.
- Associate Editor, *American Journal of Agricultural Economics*, 2012-2015.
- Editorial Council, *Journal of Agricultural and Applied Economics*, 2000-2003.
- Co-organizer, Applied Risk Analysis Section, Agricultural and Applied Economics Association, 2008. Chair (2011-2012), Past-chair (2012-2013), and Chair-elect (2010- 2011).
- Member, Agricultural Finance and Management Section, Agricultural and Applied Economics Association.
- Member, SAC-7 “Southern Region Agricultural Economics Department Heads,” Chair 2019.
- Member, SCC-76 “Economics and Management of Risk in Agriculture and Natural Resources,” Project Chair 2004, Program Chair, 2003.
- Ex-officio member, Kentucky Farm Bureau Federation, Economic and Market Development Advisory Committee, 2020-2022.
- Member, Board of Directors, Kentucky Center for Agriculture and Rural Development, 2020-2022.
- Occasional reviewer for *American Journal of Agricultural Economics*, *European Review of Agricultural Economics*, *Agricultural Economics*, *Journal of Agricultural Economics*, *Journal of Risk and Insurance*, *Geneva Papers on Risk and Insurance*, *Geneva Risk and Insurance Review*, *Applied Economic Perspectives and Policy*, *Journal of Futures Markets*, *Choices*, *Climate and Development*, *Canadian Journal of Agricultural Economics*, *Journal of Agricultural and Resource Economics*, *Climatic Change*,

*Journal of Agricultural and Applied Economics, Agricultural and Resource Economics Review, The World Bank Economic Review, Marine Resource Economics, Agricultural Finance Review, Journal of Agribusiness, Journal of Economic Education, Journal of Economic and Social Policy, State and Local Government Review, Agricultural Systems, Agronomy Journal, Journal of Cotton Science, and Journal of the American Society of Farm Managers and Rural Appraisers.*

- Book reviewer for *Disasters: The Journal of Disaster Studies, Policy & Management and Rural History, Economy, Society, Culture*.
- Panelist for the USDA/National Science Foundation competitive grant program on Disaster Resilience for Rural Communities, 2010.
- Reviewer for the National Science Foundation, Division of Social and Economic Sciences, 2009, 2006.
- Reviewer for USDA/NIFA, National Research Initiative Competitive Grants Program, 2006, 2003, 2000, 1999.
- Reviewer for the Social Sciences and Humanities Research Council of Canada Competitive Grants Program, 2015.
- Reviewer of new product, product modification, and product expansion proposals submitted to the Board of Directors, USDA Risk Management Agency, 2000-2016.
- Reviewer for USDA/NIFA, Small Business Innovation Research Program, 2013, 2001.
- External Reviewer, University of Tennessee Department of Agricultural Economics Academic Review, 2018 and Auburn University Department of Agricultural Economics and Rural Sociology, 2020.
- Member, Risk Management Advisory Committee, National Risk Management Feasibility Program for Aquaculture, 2002-2006.
- Member, American Agricultural Economics Association Professional Activities Committee, 2004-2007.
- Member, American Agricultural Economics Association Outreach Task Force, 2006.
- Member, Southern Agricultural Economics Association Lifetime Achievement Award Selection Committee, 2022-2025.
- Member, Southern Agricultural Economics Association Teaching Task Force, 2004.



- Agricultural and Applied Economics Association, Food and Agricultural Policy Analysis topic leader for 2010 annual meeting, selected paper reviewer for 2015, 2014, 2013, 2012, 2007, 2006, 2005, 2001, 1999 annual meetings, selected poster reviewer for 2003 annual meeting, coordinator of poster reviews for “Policy Analysis” subject area for 2000 annual meeting, outstanding poster award judge for 2000 and 1998 annual meetings.
- Southern Agricultural Economics Association, selected paper reviewer for 2011, 2010, 2007, 1999, 1998 annual meetings, poster selection committee for 1996-1999 annual meetings, chair for 1999.
- Member, Board of Directors, Agricultural Economics Association of Georgia, 2003-2004.
- Co-organizer and moderator of organized symposium for AAEA Gordon Rauser Keynote Address “Communicating Agricultural and Applied Economics Research to Stakeholders for Greater Impact,” Anaheim, California, July 2022.
- Organizer and moderator of C-FARE webinar on Agricultural Risk Management and Climate Change Adaptation, 2021.
- Organizer of organized symposium “Addressing Challenges with the Supply of MS and PhD Agricultural Economists.” Annual meeting of the Agricultural and Applied Economics Association, Austin, Texas, August 2021.
- Organizer of organized symposium “Developing Index Insurance for Lower Income Countries: Experiences from Across the Globe.” Annual meeting of the Agricultural and Applied Economics Association, Milwaukee, Wisconsin, July 2009.
- Co-organizer of organized symposium “Integrating Economic Experiments into an Agricultural Economics Curriculum.” Annual meeting of the American Agricultural Economics Association, Montreal, Quebec, July 2003.
- Co-organizer of organized symposium “Implications of Changing Agricultural Policy for the South - Revisited.” Annual meeting of the Southern Agricultural Economics Association, Memphis, Tennessee, February 1999.
- Organizer and moderator for organized symposium “Using IMPLAN to Measure the Impact of Agriculture on a State’s Economy.” Annual meeting of the Southern Agricultural Economics Association, Birmingham, Alabama, February 1997.
- Co-organizer of the American Agricultural Economics Association annual meeting pre-conference on “Designing New Programs for Managing Farm Production and Price/Marketing Risks in the 21st Century: The Challenge for Agricultural Economists.” San Diego, California, August 1994.

- Moderator/facilitator for Southern Leadership Conference, “AgForum” meeting on farm bill priorities, Coral Gables, Florida, November 2000.

#### DEPARTMENTAL AND UNIVERSITY SERVICE

- Chair, Search Committee for Associate Dean for Extension, College of Agriculture, Food and Environment, University of Kentucky, 2018-2019.
- Chair, Equine Programs Periodic Program Review, College of Agriculture, Food and Environment, University of Kentucky, 2022.
- Member, Diversity Advisory Committee, College of Agriculture, Food and Environment, University of Kentucky, 2018-2020.
- Member, Strategic Plan Team for Goal 5 “Produce Innovative Solutions through Multidisciplinary Collaborations,” College of Agriculture Food and Environment, University of Kentucky, 2019-2022.
- Author of “Report to Mississippi State University Senior Administration on International Education, Research and Outreach Programs,” 2010.
- Member, Conflict of Interest Review Committee, Mississippi State University, 2012-2017.
- Member, International Institute Faculty Advisory Board, Mississippi State University, 2016.
- Member, Internal Review Committee for the Five-Year Review of Graduate Programs in the College of Veterinary Medicine, Mississippi State University, 2013.
- Member, Search Committee for Associate Dean, College of Agriculture and Life Sciences, Mississippi State University, 2013.
- Member, Search Committee for Head, Department of Agricultural Economics, Mississippi State University, 2016.
- Chair. Search Committees for four faculty positions, Department of Agricultural Economics, Mississippi State University, 1997-2000.
- Member, Search Committees for ten faculty positions, Department of Agricultural Economics, Mississippi State University, 2017, 2016, 2012, 2011, 2009, 2008.
- Member, Selection Committee, Excellence in Teaching Awards, College of Agriculture and Life Sciences, Mississippi State University, 2008-2012.

- Member, ad hoc Mississippi Agriculture and Forestry Experiment Station Promotion Committee (for scientists with 100 percent research appointments), Mississippi State University, 2010.
- Member, Promotion and Tenure Committee, Department of Agricultural Economics, Mississippi State University, 2009-2017.
- Member, Curriculum Committee, Department of Agricultural Economics, Mississippi State University, 2009-2016.
- Member, Alumni Relations Committee, Department of Agricultural Economics, Mississippi State University, 2012-2016.
- Officer. Gamma Sigma Delta Agricultural Honorary Society, University of Georgia: President, 2006-2007; Vice-President, 2005-2006; Secretary 2004-2005; Treasurer, 2003-2004.
- Faculty Advisor. Georgia Chapter of Alpha Zeta Agricultural Honorary Society, 2006-2007.
- Member. University Council, University of Georgia, 2003-2006.
- Member. University Council Committee on Faculty Affairs, University of Georgia, 2004-2006.
- Member. University Council Committee on Intercollegiate Athletics, University of Georgia, 2003-2006.
- Member. Faculty Council, College of Agricultural and Environmental Sciences, University of Georgia, 2003-2006.
- Member. Executive Committee, Faculty Council, College of Agricultural and Environmental Sciences, University of Georgia, 2004-2006.
- Chair. Selection Committee for Graduate Research Assistant of the Year, Graduate School, Mississippi State University, 2012.
- Member. Department of Agricultural and Applied Economics Graduate Committee, University of Georgia, 2003-2006.
- Member. Curriculum Committee, College of Agricultural and Environmental Sciences, University of Georgia, 2002-2004.
- Member. 3<sup>rd</sup> Year Review Committee for assistant professors, Department of Agricultural and Applied Economics, University of Georgia, 2004.

- Chair. Department of Agricultural and Applied Economics Faculty and Staff Development Committee, University of Georgia, 2003-2004.
- Member. Strategic Planning Modeling Committee on “Improving Sustainability and Profitability of Agriculture and Natural Resources,” College of Agricultural and Environmental Sciences, University of Georgia, 2002-2003.
- Member. Mississippi State University Course Management Task Force, 2000-2001.
- Member. Department of Agricultural Economics Promotion and Tenure Committee, Mississippi State University, 2000-2001.
- Member. Department of Agricultural Economics Special Graduate Program Review Task Force, Mississippi State University, 1996-2000.
- Member. Department of Agricultural Economics Graduate Examining Committee, Mississippi State University, 1996-2001. Section chair for policy, natural resources, and methodology exam.
- Member. Department of Agricultural Economics Graduate Admissions Committee, Mississippi State University, 1997-2001.
- Member. Department of Agricultural Economics Academic Program and Policy Committee, Mississippi State University, 1996-2001.
- Member. Department of Agricultural Economics Special Undergraduate Program Review Task Force, Mississippi State University, 1996-1998.

### CONSULTING

- Actuarial and underwriting reviewer for the Board of Directors, Federal Crop Insurance Corporation, U.S. Department of Agriculture, 2000-2022.
- Sigma Agricultural Risk and Actuarial Services, 2019-2022.
- VisionFund, 2017.
- AGree, 2012-2016.
- The World Bank, 2005-2007.
- U.S. Agency for International Development, 2000-2002.

- GlobalAgRisk, Inc., 2001-2016, working on various projects funded by:
  - The World Bank
  - Asian Development Bank (ADB)
  - Bill and Melinda Gates Foundation
  - U.S. Agency for International Development (USAID)
  - Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)
  - Risk Management Agency, U.S. Department of Agriculture