

CONTACT DETAILS

Mail: Department of Agricultural and Resource Economics
Box 8109, North Carolina State University
Raleigh NC 27695-8109

Phone: (919) 515-4668
Fax: (919) 515-1824
E-mail: nick_piggott@ncsu.edu
Homepage: www.ag-econ.ncsu.edu/piggott.html

PERSONAL DETAILS

Address: 6540 Speight Circle
Raleigh NC 27616

Phone: (919) 261-0656

Family Status: Married with four children

Citizenship: Australia

Born: January 7, 1970, Wollongong, NSW, Australia

Residency Status: USA Permanent Resident (Green Card Holder)

EDUCATION

1997 Ph.D. Agricultural and Resource Economics, University of California at Davis, California, USA

1994 M. Science Agricultural Economics, University of California at Davis, California, USA

1992 Bachelor Agricultural Economics (First Class Honors), University of New England, NSW, Australia

PROFESSIONAL EXPERIENCE

7/2003–present Associate Professor with Tenure, Department of Agricultural and Resource Economics, North Carolina State University (9 month Research 60%, Extension 40%).

6/1999–6/2003 Assistant Professor, Department of Agricultural and Resource Economics, North Carolina State University (9 month appointment Research 60%, Extension 40%).

11/1997–9/1999 Assistant Professor, Department of Agricultural and Resource Economics, North Carolina State University (12 month appointment Research 20%, Extension 80%).

1992-1997 Research and Teaching Assistant, Department of Agricultural and Resource Economics, University of California at Davis.

EXPERTISE

Demand analysis, applied econometrics, commodity markets, and risk management.

SCHOLARLY HONORS

Winner of the American Agricultural Economics Association Award for Professional Excellence—Distinguished Extension Award: Less than 10 Years' Experience, 2005.

American Journal of Agricultural Economics article most downloaded in 2004 for “Does Food Safety Information Impact U.S. Meat Demand?” by N.E. Piggott and T.L. Marsh (Volume 86, Issue 1)—395 downloads.

Co-Chair of Graduate Advisory Committee for the winner (Huseyin Tasten) of the Food Distribution Research Society 2004 Applebaum Outstanding Ph.D. Thesis Award.

American Journal of Agricultural Economics article runner-up most downloaded in 2003 for “The Nested PIGLOG Model: An Application to U.S. Food Demand,” by N.E. Piggott (Volume 84, Issue 1)—156 downloads.

Illinois Soybean Association Award to Team Leaders of the Soy/Swine Nutrition Research Program in Recognition of Excellence in Soybean Research, 1999.

American Agricultural Economics Association Award for Professional Excellence—Outstanding Ph.D. Dissertation Award (single winner), 1998.

Food Distribution Research Society 1998 Applebaum Outstanding Ph.D. Thesis Award.

Gordon King Award for Best Ph.D. Dissertation completed in the Department of Agricultural and Resource Economics, University of California at Davis, 1997.

Postgraduate Scholarship Australian Dairy Research and Development Corporation, 1993-96.

J.N. Lewis Award for the Best Undergraduate Dissertation completed in the Department of Agricultural Economics, University of New England, 1991.

Australian Agricultural Economics Society Undergraduate Prize for Outstanding Work in the course of undergraduate studies in Agricultural Economics, 1991.

Dean's Scholarship, Faculty of Economic Studies, University of New England, 1991.

PROFESSIONAL HONORS

Editorial Council, Journal of Agricultural and Resources Economics, published by the Western Agricultural Economics Association.

Invited by Congressman Bill Etheridge (D-NC) to testify before congress on the state of the farm economy and the impact of federal policy on agriculture, 2005.

<http://agriculture.house.gov/hearings/109/10917.pdf>

Certified Expert Reviewer for the Federal Crop Insurance Corporation Board of Directors, 2004-present

Academic Affiliate, Analysis Group, Inc, Boston, MA, December 2003-present

<http://www.analysisgroup.com/analysisgroup/about.aspx?id=34>

Advisor, North Carolina Small Grain Growers Association, 2003-present

Advisory Committee, Southern Region Risk Management Education Center for a three year term, 2001-04.

Elected Member, Executive Committee of Southern Extension Marketing Committee to a three year term as Secretary (2001), Vice-Chair (2002), and Chair (2003).

Elected President, North American Branch of the Australian Agricultural and Resource Economics Society, 2000-02.

PEER REVIEWED JOURNAL ARTICLES

Goodwin, B.K. and N.E. Piggott. "Spatio-Temporal Modeling of Asian Citrus Canker Risks: Implications for Insurance and Indemnification Fund Models" *American Journal of Agricultural Economics* (forthcoming).

Bekkerman A, B. K. Goodwin, and N.E. Piggott "Spatio-temporal Risk and Severity Analysis of Soybean Rust in the U.S.", *Journal of Agricultural and Resource Economics*, *Journal of Agricultural and Resource Economics* 33(December 2008): 311-331.

Piggott, N.E. and M. C. Marra "Biotechnology Adoption Over Time in the Presence of Non-Pecuniary Characteristics that Directly Affect Utility: A Derived Demand Approach". *AgBioForum*, 11(1)(2008), 58-70.

Piggott, N.E. and Marra, M.C. "The net gain to cotton farmers of a natural refuge plan for Bollgard II[®] cotton." *AgBioForum*, 10(1)(2007), 1-10. (lead article)

Piggott, N E. and T L. Marsh. "Does Food Safety Information Impact U.S. Meat Demand?" *American Journal of Agricultural Economics* 86(1) (February 2004): 154-174.

- Piggott, N E. "Measures of Precision for Estimated Welfare Effects for Producers from Generic Advertising." *Agribusiness: An International Journal* 19 (Summer 2003): 379-391.
- Wohlgenant, M K. and N E. Piggott. "Market Power and Distribution of Benefits from Promotion and Research." *Agribusiness: An International Journal* (Summer 2003): 301-314.
- Piggott, N E. "The Nested PIGLOG Model: An Application to U.S. Food Demand." *American Journal of Agricultural Economics* 84 (February 2003): 1-15 (lead article).
- Piggott, N.E. and M K. Wohlgenant. "Price Elasticities, Joint Products, and International Trade." *Australian Journal of Agricultural Economics* (December 2002):46(4): 487-500 (lead article).
- Alston, J M., J A. Chalfant and N.E. Piggott. "Estimating and Testing the Compensated Double-Log Model." *Applied Economics* 34 (June 2002): 1177-1186
- Goodwin, B.K. and N.E. Piggott. "Spatial Market Integration in the Presence of Threshold Effects." *American Journal of Agricultural Economics* 83 (May 2001): 302-318.
- Alston, J M., J A. Chalfant, and N.E. Piggott. "Incorporating Demand Shifters in the Almost Ideal Demand System." *Economics Letters* 70 (2001): 73-78.
- Alston, J M., J.A. Chalfant, and N.E. Piggott. "The Incidence of the Costs and Benefits of Generic Advertising." *American Journal of Agricultural Economics* 82 (August 2000): 665-671.
- Alston, J.M., J.A. Chalfant, J.E. Christian, E. Meng, and N.E. Piggott. "The California Table Grape Commission's Promotion Program: An Evaluation." Giannini Foundation, Monograph Number 43, November 1997.
- Piggott, N.E., J.A. Chalfant, J.M. Alston, and G.R. Griffith. "Measuring the Demand Response to Advertising in the Australian Meat Industry." *American Journal of Agricultural Economics* 78 (May 1996): 268-279.
- Griffith, G.R. and N.E. Piggott. "Asymmetry in Beef, Lamb, and Pork Farm-Retail Price Transmission in Australia." *Agricultural Economics* 10 (1994): 307-316.
- Piggott, R.R., N.E. Piggott, and V.E. Wright. "Approximating Returns to Incremental Advertising Expenditures: Methods and an Application to the Australian Meat Industry." *American Journal of Agricultural Economics* 77 (August 1995): 497-511.

Piggott, N.E and V.E. Wright. "From Consumer Choice Process to Aggregate Analysis: Marketing Insights for Models of Meat Demand." *Australian Journal of Agricultural Economics*, 36 (December 1992): 233-248.

BOOK CHAPTERS

Goodwin, B. K. and N. E. Piggott. 2007 "Risk and Indemnification Models of Infectious Plant Diseases: The Case of Asiatic Citrus Canker in Florida." Chapter 5 in *New Approaches in the Economics of Plant Health*, Ed. Alfons Oude, Wageningen UR Frontis Series. Published by Springer, Dordrecht (Series Editor: Robert J. Bogers), pp. 71-100.

Marra, M.C. and N.E. Piggott. 2006. The Value of Non-Pecuniary Characteristics of Crop Biotechnologies: A New Look at the Evidence, Chapter 8 in Just, Alston, and Zilberman, eds. *Regulating Agricultural Biotechnology: Economics and Policy*, Springer-Verlag Publishers: New York, pp.145-178.

Alston, J.M., J.A. Chalfant, J.E. Christian, E. Meng, and N.E. Piggott. 2005 "The Benefits and Costs of Promotion Programs for California Table Grapes," Chapter 9 of *Commodity Promotion Programs in California: Economic Evaluation and Legal Issues*. Edited by Harry Kaiser, Julian Alston, John Crespi, Rich Sexton, Peter Lang Publishing, New York. pp. 71-94.

PUBLISHED ABSTRACTS AND CONTRIBUTED PAPERS

Marsh T.L. and N. E. Piggott, N E. "Measuring Pre-committed Quantities Through Consumer Price Formations". Contributed paper presented to the 52nd Annual Conference of Australian Agricultural and Resource Economics Society, Canberra, ACT, February 2006.

Marra M. C. and Piggott, N.E. "Measuring Part-Whole Bias: Some Evidence from Crop Biotechnology." Selected paper presented to the International Association of Agricultural Economist, Gold Coast, August 2006.

Marsh T.L. and N. E. Piggott, N E. "Demographic Translating in Consumer Distance Functions". Selected paper presented to the International Association of Agricultural Economist, Gold Coast, August 2006.

Piggott, N.E. and M.C. Marra. "Modern Determinants of U.S. Soybean Acreage: Do Biotech and Farm Policy Play a Role?" Contributed paper presented to the 50th Annual Conference of Australian Agricultural and Resource Economics Society, Sydney, NSW, February 2006.

Marsh T.L. and N.E. Piggott. "Demographic Translating and Scaling In Consumer Distance Functions." Contributed paper presented to the 49th Annual Conference of Australian Agricultural and Resource Economics Society, Coffs Harbour, NSW, February 2005.

- Piggott, N.E., M.C. Marra, and G.A. Carlson. "Modern Determinants of U.S. Soybean Acreage: Do Biotech and Farm Policy Play a Role?" Contributed paper presented to the 48th Annual Conference of Australian Agricultural and Resource Economics Society, Melbourne, VIC, February 2004.
- Wohlgenant M.K. and N.E. Piggott. "Modeling the Effects of Quality Changes in Soybean Oil." Contributed paper presented to the 48th Annual Conference of Australian Agricultural and Resource Economics Society, Melbourne, VIC, February 2004.
- Beach, R.H., B.C. Murray, N.E. Piggott, and M.K. Wohlgenant. "Interaction Effects of Promotion, Research, and Price Support Programs for U.S. Cotton." Contributed paper presented to the American Agricultural Economics Association Annual Meetings, Long Beach, CA, July 2002.
- Piggott, N.E. "The Nested PIGLOG Model: An Application to US Food Demand." Contributed paper presented to the 46th Annual Conference of Australian Agricultural and Resource Economics Society, Adelaide, SA, February 2002.
- Piggott, N.E. and T.L. Marsh. "Impacts of Food Safety on U.S. Meat Demand." Contributed paper presented to the 45th Annual Conference of Australian Agricultural and Resource Economics Society, Adelaide, January 2001.
- Jiang, J., N.E. Piggott, and M.K. Wohlgenant. "The Impact of China's Expanding Market on the U.S. Soybean Industry." Selected Paper at the Global Agricultural Trade in the New Millennium Conference, New Orleans, May 2000.
- Goodwin, B.K. and N.E. Piggott. "Spatial Market Integration in the Presence of Threshold Effects." *American Journal of Agricultural Economics* 81 (December 1999): 1319.
- Piggott, N.E. "The Benefits and Costs of Generic Advertising of Agricultural Commodities." Presentation to the Victorian Branch of the Australian Agricultural and Resource Economics Society, Melbourne, VIC, Australia, May 1999.
- Alston, J.M., J.A. Chalfant, and N.E. Piggott. "A Globally Flexible Model of the Effects of Generic Advertising of Beef and Pork on U.S. Meat Demand." *American Journal of Agricultural Economics* 80 (December 1998): 1174.
- Piggott, N.E. "The Benefits and Costs of Generic Advertising of Agricultural Commodities." *American Journal of Agricultural Economics* 80 (December 1998): 1212-1213.
- Piggott N.E., J.M. Alston, J.A. Chalfant, and G.R. Griffith. "Demand Response to Advertising in the Australian Meat Industry." *American Journal of Agricultural Economics* 75 (December 1993): 1309-1310.

REPORTS AND MISCELLANEOUS PUBLICATIONS

- Beach, R.H., C. Zhen, N.E. Piggott, M.K. Wohlgenant, C. Viator, S. Cates “An Economic Analysis of the Effectiveness of the Pork Checkoff Program” Prepared for National Pork Board, Des Moines, IA, February 2007.
- Muth, M.K. J. Lawrence, S. C. Cates, M. Coglaiti, J. Del Roccili, S. Karns, N. E. Piggott, J. Taylor, C. Viator. GIPSA Livestock and Meat Marketing Study, Volume 6: Meat Distribution and Sales, Prepared for the Grain Inspection, Packers and Stockyard Administration, U.S. Department of Agriculture Washington, DC 20250, January 2007.
- Piggott, N. E. “Farm Policy and the General State of the Farm Economy”. US Congressional Record. Review of The State of The Farm Economy and the Impact of Federal Policy On Agriculture. Hearing Before the Subcommittee of General Farm Commodities And Risk Management of The Committee on Agriculture House of Representatives One Hundred Ninth Congress First Session, September 29, 2005. Serial No. 108-17: 82-101.
- Marra, M.C., N.E. Piggott, and G.A. Carlson. “The Net Benefits, Including Convenience, of Roundup Ready ® Soybeans: Results from a National Survey.” Technical Bulletin 2004-3, NSF Center for IPM, Raleigh, North Carolina, September 2004.
- Marra, M.C., N.E. Piggott, and O. Sydorovych. “The Impact of Herbicide Tolerant Crops and North Carolina’s Farmers.” A report submitted to the Syngenta Corporation, Greensboro, North Carolina, May 2004.
- Piggott, N.E., M.K. Wohlgenant, and K.D. Zering. “Analysis of the Economic Importance of Changes in Soybean Use.” Report to the Soy/Swine Project, University of Illinois, October 2001.
- Murray, B.C., R.H. Beach, W.J. White, C. Viator, N.E. Piggott, and M.K. Wohlgenant. “An Economic Analysis of the Cotton Research and Promotion Program.” Prepared for Cotton Board Memphis Tennessee, September 2001.
- Piggott, N.E., M.K. Wohlgenant, and K.D. Zering. “Analysis of the Economic Importance of Changes in Soybean Use.” Report to the Soy/Swine Project, University of Illinois, January 2000.
- Piggott, N.E. “Demand Response to Advertising in the Australian Meat Industry.” NICPRE Quarterly Vol. 2, No.2, 1996.
- Alston, J.M., J.A. Chalfant and N.E. Piggott. “Demand Response and Returns to Incremental Advertising in the Australian Meat Industry,” in *Economic Analysis of Meat Promotion*, Edited by Kinnucan, H.W., J.E. Lenz, and C.R. Clary, Ithaca, New York: National Institute for Commodity Promotion and Evaluation, Cornell

University, 1995.

INVITED PAPERS AND SEMINARS

International

Goodwin, B.K. and N.E. Piggott. "Spatio-Temporal Modeling of Asian Citrus Canker Risks: Implications for Insurance and Indemnification Fund Models" Presented at the Symposium Session "Invasive Species: Trade, Management and Biosecurity Policy" at the International Association of Agricultural Economists, Gold Coast, August 2006.

Goodwin, B.K. and N.E. Piggott. "Spatio-Temporal Modeling of Asian Citrus Canker Risks: Implications of Indemnification Funds and Insurance Program Premiums." Invited paper, *Economics of Plant Health*, Wageningen, The Netherlands, June 2, 2005.

Piggott, N.E. and T.L. Marsh "Does Food Safety Information Impact U.S. Meat Demand?" Invited seminar, Imperial College-Wye, England, August 2003.

Piggott, N.E. and T.L. Marsh "Does Food Safety Information Impact U.S. Meat Demand?" Invited plenary paper, 47th Annual Conference of Australian Agricultural and Resource Economics Society, Fremantle, W.A., February 2003.

Piggott, N.E. "The Jones Act and the Impact on the Southeast U.S. Feed Industry: An Opportunity." International Seminar: *Perspectives and Realities of the Argentine Agri-food Sector*, Sheraton Libertador Hotel, Buenos Aires, Argentina, November 27th, 2002.

Piggott, N.E. "U.S. Foreign Trade in Soybeans: Some Important Economic Relationships and Trends." International Seminar: *U.S. Agri-food Production, Policy and Trade at the Food and Agribusiness Program*, School of Agronomy, University of Buenos Aires, Argentina, November 30th, 2002.

Alston, J.M., J.A. Chalfant, and N.E. Piggott. "Advertising and Consumer Welfare: Scaling versus Translating." Invited plenary paper presented to the 41st Annual Conference of Australian Agricultural and Resource Economics Society, Gold Coast, 20-25th January 1997.

Domestic

Piggott, N.E., C. Zhen, R. H. Beach, and M.K. Wohlgenant. "The Impact of Pork Advertising on US Meat Demand in the Presence of Competing Beef Advertising and Food Safety Events." Invited paper, NEC-63 meetings, Hilton Head, SC, March 14th, 2008.

Wohlgenant M.K. C. Zhen, Piggott, N.E., and R. H. Beach "Returns to Pork Producers from Marketing and Production Research." Invited paper, NEC-63 meetings, Hilton Head, SC, March 14th, 2008.

- Piggott, N.E. "Defining and Managing Risk in Agriculture." Invited presentation at Monsanto Symposium on Climate Change, St Louis, MO, March 2nd, 2007.
- Piggott, N.E. "Defining Risk Management." Invited presentation at "Communications in IPM: Risk Management and Integrated Pest Management." Watergate Hotel, Washington DC Oct 3-4, 2006
- Piggott, N.E. "Economics of Plant Breeding." Invited Seminar, Department of Crop Science, NCSU, Raleigh, March 15th, 2006.
- Marra, M.C. and N.E. Piggott. "Non-Pecuniary Characteristics of Crop Biotechnologies: A New Look at the Evidence." Invited seminar, Center for Plant Health Science and Technology, USDA_APHIS-PPQ, Raleigh, September 14th, 2005.
- Goodwin, B.K. and N.E. Piggott. "Spatio-Temporal Modeling of Asian Citrus Canker Risks: Implications of Indemnification Funds and Insurance Program Premiums." Invited seminar, Center for Plant Health Science and Technology, USDA_APHIS-PPQ, Raleigh, September 14th, 2005.
- Marra, M.C. and N.E. Piggott. "Non-Pecuniary Characteristics of Crop Biotechnologies: A New Look at the Evidence." Invited paper, annual meeting of NC-1003, Washington, DC, March 2005.
- Piggott, N.E. "Alternatives to Marketing North Carolina Commodities." Morning General Session, 15th Annual Joint Conference of the North Carolina Corn, Small Grain and Soybean Association, New Bern, North Carolina January 15th, 2004.
- Piggott, N.E. "Marketing Strategies Under the New Farmbill." Invited presentation to the New Visions for Agriculture Joint Conference of North Carolina Soybean, Corn Growers & Small Grain Association, New Bern, North Carolina, January 17th, 2003.
- Piggott, N.E. "Some Economic Issues and Outlook for North Carolina Grain Markets." Invited Presentation to the Thirteenth Annual Joint Conference and Agricultural Expo of North Carolina Corn Growers, Small Grain Growers, and Soybean Producers, Raleigh North Carolina, January 11th, 2002.
- Piggott, N.E. "Economic Impact of a Repeal of the Jones Act for North Carolina Soybean Producers." Presentation to the Board of Directors of the North Carolina Soybean Producers, Raleigh, July 2001.
- Piggott, N.E. "Some Economic Issues Important to North Carolina Soybean Producers." Presentation to the Board of Directors of the North Carolina Soybean Producers, Raleigh, January 2000.

Piggott, N.E. "The Benefits and Costs of Generic Advertising of Agricultural Commodities." Presentation to the Food Distribution Research Society Annual Conference for the Applebaum Outstanding Ph.D. Dissertation Award, Monterey, CA, October 1998.

PEER REVIEWER FOR THE FOLLOWING JOURNALS

Agricultural Economics
American Journal of Agricultural Economics
Australian Journal of Agricultural Economics
Canadian Journal of Agricultural Economics
Empirical Economics
European Review of Agricultural Economics
Journal of Agricultural and Applied Economics
Journal of Agricultural and Resource Economics
Journal of Financial Econometrics
HortTechnology
Physica A
Review of Agricultural Economics
Review of Marketing and Agricultural Economics

PEER REVIEWER FOR THE FOLLOWING AGENCIES

USDA Economic Research Service
National Science Foundation
Southern Region Risk Management Education Center

EXTRAMURAL FUNDING

Total: \$1,503,822

Co-Principal Investigator, "Modeling U.S. Farm Policy in a New Market Environment" (with Barry Goodwin), Economic Research Service, 6/08-6/10, \$50,000.

Co-Principal Investigator, "A Feasibility Analysis of Indemnification Plans for the Management of Soybean Rust" (with Barry Goodwin and Kenrett Y. Jefferson-Moore), Economic Research Service, 8/06-8/08, \$82,000.

Co-Principal Investigator, "A Training Manual for Preparation of a Market Outlook Presentation—Year 2" (with Michele Marra), Southern Region Risk Management Education Center, 6/06-6/07, \$16,675.

Co-Principal Investigator, "A Training Manual for Preparation of a Market Outlook Presentation" (with Michele Marra), Southern Region Risk Management Education Center, 6/05-6/06, \$39,938.

Co-Principal Investigator, "Helping Ag Agents and Farmers Understand the Effects of Using Multiple Risk Management Tools" (with Michele Marra), Southern Region Risk Management Education Center, 6/04-6/05, \$29,960.

- Collaborator, “Integrating Crop Insurance and Marketing—Risk Management Strategy Training Under the New Farm Bill – Phase II” (George Shumaker (PI) and Todd Davis), Southern Region Risk Management Education Center, 6/04-6/05, \$51,572.
- Collaborator, “Livestock and Meat Marketing Study: Swine” (Project Leader RTI International, Research Triangle Park, North Carolina and Sub-contractor ARE-NCSU (with Tom Vukina and Michael Wohlgenant)), USDA Grain Inspection Packers and Stockyard Administration, 6/04-6/06, \$465,000.
- Co-Principal Investigator, “The Feasibility of Indemnification of Check-off Funded Programs” (with Barry Goodwin and Shavi Makki), ERS-USDA, 8/03-8/05, \$147,506.
- Co-Principal Investigator, “The Rubber Hitting the Road—Risk Management Education for Select County Agricultural Agents in North Carolina” (with Michele Marra), Southern Region Risk Management Education Center, 6/03-6/04, \$19,635.
- Co-Principal Investigator, “Quantifying the Importance of Basis Risk for Southeastern Grain Producers” (with Russell Lamb), Southern Region Risk Management Education Center, 6/03-6/04, \$23,539.
- Co-Principal Investigator, “Analysis of the Economic Importance of Changes in Soybean Use” (with Kelly Zering and Michael Wohlgenant), Soy/Swine Nutrition Program, University of Illinois, 10/02 to 10/03 (Year 4), \$19,976.
- Co-Principal Investigator, “Understanding the Economic Impact of Herbicide Tolerant Crop Technology on North Carolina Farmers” (with Michele Marra), NC Biotechnology Center, 8/02-7/03, \$83,837.
- Principal Investigator, “Developing a Handbook Entitled: Southern Grain Market Basis for the Southeast and Management Strategies” (collaborators George Shumaker and Charles Curtis), Southern Region Risk Management Education Center, 9/02-9/03, \$41,125.
- Collaborator, “Integrating Crop Insurance and Marketing—Risk Management Strategy Training Under the New Farm Bill for Ag Lenders and County Ag Agents” (with George Shumaker (PI) and Charles Curtis, James Novak, Tim Hewitt, Jim Pease), Southern Region Risk Management Education Center, 9/02-9/03, \$57,000.
- Co-Principal Investigator, "Estimating the Farm Level Impacts and Aggregate Effects of the Roundup Ready Soybean Adoption" (with Michele Marra and Gerald Carlson), 2/02-2/04 Monsanto, \$50,000.
- Co-Principal Investigator, "Risk Management Education and Training for North Carolina Farmers and County Agents" (with Michele Marra and Geoff Benson), 9/01-3/02 Southern Region Risk Management Education Center, \$15,000.

Co-Principal Investigator, "Analysis of the Economic Importance of Changes in Soybean Use" (with Kelly Zering and Michael Wohlgenant), 6/01 to 8/02 (Year 3), Soy/Swine Nutrition Program, University of Illinois, \$37,500.

Principal Investigator, "Some Economic Issues Important to North Carolina Soybean Producers: Extent of Basis Erosion in North Carolina," 4/01-3/02, North Carolina Soybean Producers, \$17,439.

Principal Investigator, "Economic Impact of a Repeal of the Jones Act for North Carolina Soybean Producers," 6/00-6/01, North Carolina Soybean Producers, \$14,231.

Principal Investigator, "Developing Databases to Analyze Some Economic Issues Important to North Carolina Soybean Producers," 5/00-5/01, North Carolina Soybean Producers, \$9,964.

Co-Principal Investigator, "A Tool for Evaluating Pricing and Crop Insurance Strategies for the Southeast," (with Paul Fackler, Barry Goodwin, and Michele Marra), USDA/CSREES, 1/00-3/01 (Year 2), \$84,130.

Co-Principal Investigator, "Analysis of the Economic Importance of Changes in Soybean Use," (with Kelly Zering and Michael Wohlgenant), 11/99 to 8/00 (Year 2), Soy/Swine Nutrition Program, University of Illinois, \$52,311.

Co-Principal Investigator, "A Tool for Evaluating Pricing and Crop Insurance Strategies for the Southeast," (with Paul Fackler, Barry Goodwin, and Michele Marra), USDA/CSREES, 9/99-12/00 (Year 1), \$68,485.

Principal Investigator, "Analysis of the Economic Importance of Changes in Soybean Use" (with Kelly Zering and Michael Wohlgenant), 7/98 to 12/99 (Year 1), Soy/Swine Nutrition Program, University of Illinois, \$27,000.

DOCTORAL AND MASTER'S THESES DIRECTED

Current: 5

Committee Member

Ying-Erh Chen, member of Ph.D. committee

Hernan Tejeda, member of Ph.D. committee (Preliminary Exam 3/2009)

Qihong Zhu, member of Ph.D. committee (Preliminary Exam 9/2006)

Dan Harper, member of Ph.D. committee (Preliminary Exam 4/2006)

Completed: 16

Chair

Anton Bekkerman, co-chair of Ph.D. committee

Mykel Taylor, chair of Ph.D. committee, completed summer 2008

Huseyin Tasten, co-chair Ph.D. committee, completed summer 2003

Jian Jiang, co-chair of Ph.D. committee, completed summer 2001

Committee Member

Joana Girante, member of Ph.D. committee completed fall 2008
Osman Gulseven, member of Ph.D. committee completed fall 2008
Eric Belasco, member of Ph.D committee completed summer 2007
Chen Zhen, member of Ph.D. committee, completed summer 2006
Olga Sydorovych, member of Ph.D. committee, completed summer 2005
Henry Kuo, member of Ph.D. committee, completed summer 2005
Peyton Ferrier, member of Ph.D. committee, completed summer 2004
John Deal, member of Ph.D. committee, completed summer 2004
Yan-Jun Tian, member of Ph.D. committee, completed spring 2003
Mahmoud Busheri, member of Ph. D. committee, completed fall 2001
Bailey Norwood, member of Ph.D. committee, completed fall 2001
John Russ, member of Ph.D. committee, completed fall 1999

Examination Participant

Tullaya Boonsaeng, Ph.D. Final Exam Substitute, completed Summer 2006
Carlos Carpio, Ph.D. Final Exam Substitute, completed Summer 2006

Master's theses: 1

Completed:

Ellis Taylor, member of Masters committee, completed Spring, 2000

SOFTWARE DEVELOPMENT

Soybean Value Chain Analysis Model V 1.00.

Crop Risk Analyzer

EXTENSION PUBLICATIONS

BOOKS

Piggott, N. E., Shumaker G.A., and C. C. Curtis. "Grain Marketing and Analysis of Basis and Risk Management Strategies for Georgia, North Carolina, and South Carolina." Publication Number AG-632 North Carolina Cooperative Extension, North Carolina State University, January 2005.

POPULAR ARTICLES AND OUTLOOKS

Piggott, N.E. "U.S. Soybean Situation and Outlook for 2004/2005." Prepared for Ag First Farm Credit Bank published and distributed to clients in AL, DE, FL, GA, KY, LA, MD, MS, NC, OH, PA, SC, TN, and VA.

Piggott, N.E. "U.S. Soybean Situation and Outlook for 2004/2005." Proceedings of the 2004 Southern Region Agricultural Outlook Conference, September 27-29th, 2004, Atlanta, Georgia.

Piggott, N.E. "U.S. Soybean Situation and Outlook for 2002/2003." Prepared for Ag First Farm Credit Bank published and distributed to clients in AL, DE, FL, GA, KY, LA, MD, MS, NC, OH, PA, SC, TN, and VA.

Piggott, N.E. "North Carolina Soybean and Corn Prices with Basis 1980-2001." Department of Agricultural and Resource Economics, North Carolina State University.

Marsh, T.L. and N.E. Piggott. "Impact of Food Safety on Beef Demand," Cattlemen's Day, Report of Progress, Kansas State University Agricultural Experiment Station and Cooperative Extension Service, 2002.

Piggott, N.E. "Economic Impact of a Repeal of the Jones Act for North Carolina Soybean Producers." *NC State Economist*, September/October 2001.

Piggott, N.E. "U.S. Soybean Situation and Outlook for 2001/2002." Prepared for Ag First Farm Credit Bank published and distributed to clients in AL, DE, FL, GA, KY, LA, MD, MS, NC, OH, PA, SC, TN, and VA.

Piggott, N.E. "U.S. Soybean Situation and Outlook for 2000/2001." Prepared for Ag First Farm Credit Bank published and distributed to clients in AL, DE, FL, GA, KY, LA, MD, MS, NC, OH, PA, SC, TN, and VA.

Piggott, N.E. "Soybean Update and Outlook." Guilford County Field Crop News, NCCES, October 2000.

Piggott, N.E. "North Carolina Soybean and Corn Prices with Basis 1980-1998." Department of Agricultural and Resource Economics, North Carolina State University.

Piggott, N.E. "Grain Outlook," published in *Financial Stress in North Carolina Agriculture*, 1998-99.

NC STATE ECONOMIST

Piggott, N.E. and M.C. Marra "The Gain to North Carolina Farmers from the Change to a Natural Refuge for Bollgard II[®] Cotton" *NC State Economist*, September/October 2007.

Piggott, N.E. "Farm Policy and the General State of the Farm Economy" *NC State Economist*, March/April 2006.

Marra M.C., N.E. Piggott, and O. Sydorovych. "The Impact of Herbicide Tolerant Crops on North Carolina Farmers" *NC State Economist*, March/April 2005.

Piggott, N.E. "Economic Impact of a Repeal of the Jones Act for North Carolina Soybean Producers." *NC State Economist*, September/October 2001.

ELECTRONIC EXTENSION PUBLICATIONS

Piggott N.E., and M.C. Marra “Developing An Outlook Talk: Lessons in Supply and Demand” Posted 3/2008.

http://www.ag-econ.ncsu.edu/faculty/piggott/outlook_talk.html

Piggott N.E., and B.K. Goodwin, “Price Risk Management–Corn And Soybean Basis Probability Density Functions For North Carolina” (Posted December 2006)

www4.ncsu.edu/unity/users/n/nick/density/basis_densities_fact.pdf

Piggott N.E., and B.K. Goodwin, “North Carolina Corn and Soybean Basis Estimates.” (Posted December 2006)

www.ag-econ.ncsu.edu/faculty/piggott/price_risk.html

Piggott N.E., M.C. Marra, B.K. Goodwin, P.L. Fackler, and D. Denaux. “Comprehensive Risk Management Strategies: Putting it All Together.” Posted 7/2006.

www2.ncsu.edu:8010/unity/lockers/users/n/nick/SRRMEC_risk_nep.pdf.

Marra M. C. and N. E. Piggott. “The Non-Pecuniary Value of Crop Biotechnologies”

<http://www.agssystemsexpress.com/>. Posted 12/21/2005

Piggott, N.E. “NC State Grain Marketing Homepage.” 1998-present

Approximately 4,800 pages views annually (25,000 visits since 1998)

www.ag-econ.ncsu.edu/faculty/piggott/gmark.html

Piggott, N.E. “U.S. Soybean Situation and Outlook for 2004/2005.” 2004 Southern Region Agricultural Outlook Conference, September 27-29th, Atlanta, Georgia, 2004.

www.ces.uga.edu/Agriculture/agecon/workshops/southconmain.html

Piggott, N.E. “Economic Impact of a Repeal of the Jones Act for North Carolina Soybean Producers.” Policy brief written for the benefit of North Carolina Soybean Producers, Department of Agricultural and Resource Economics, North Carolina State University.

www.ag-econ.ncsu.edu/faculty/piggott/jones_brief.PDF

Piggott, N.E. “Oilseed Situation and Outlook,” 2000 Southern Region Agricultural Outlook Conference, September 25-27, Atlanta, Georgia, 2000.

www.ces.uga.edu/Agriculture/agecon/workshops/soybean.ppt

www.ces.uga.edu/Agriculture/agecon/workshops/soybean.doc

Piggott, N.E. “Grain and Oilseed Situation and Outlook 2001,” South Carolina Agricultural Situation and Outlook 2000-01, February 2001.

http://cherokee.agecon.clemson.edu/eer_192.htm

Piggott, N.E. “Corn and Basis Data for North Carolina.” Electronic Database available at the NC State’s Grain Marketing Homepage. On-going.

www2.ncsu.edu:8010/unity/lockers/users/n/nick/corn_dat.html

Piggott, N.E. "Corn and Basis Data for North Carolina," Electronic Database available at the NC State's Grain Marketing Homepage. On-going.

www2.ncsu.edu:8010/unity/lockers/users/n/nick/soy_dat.html

Piggott, N.E. "Basics of Forward Pricing and Hedging." Slide set presentation for county agents and farmers available on the NC State Grain Marketing Homepage.

www.ag-econ.ncsu.edu/faculty/piggott/Educationalmaterial.html

SELECTED PRESS ARTICLES THAT HAVE USED RESEARCH AND EXTENSION MATERIALS

Carolina-Virginia Farmer

"Corn, wheat, soybeans are facing most favorable marketing in 25 years" (Richard Davis), March, 2008.

Virginia-Pilot

"North Carolina crop costs increase with corn prices" (Jeff Hampton), July 1, 2007.

Fayetteville Observer

"There's gold in the feed lot" (Al Greenwood), February 11, 2007.

Carolina-Virginia Farmer

"Are you better off than you were four years ago?" (Richard Davis), April, 2005.

Southeast Farmpress

"North Carolina farmers garnering benefits from herbicide-tolerant crops," (Cecil H. Yancy Jr.), April 13th, 2005.

Southwest Farm Press

"October crop report key to soybean market prospects," (Forrest Laws), November 9th, 2004.

Southwest Farm Press

"October crop report key to soybean market prospects," (Forrest Laws), November 4th, 2004.

Delta Farm Press

"October crop report key to soybean market prospects," (Forrest Laws), October 11th, 2004.

K-State AgReport Spring 2004

"That Cow That Stole Christmas," Mad Cow Emergency Highlights K-State's Expertise, Service to Public (Pat Melgares), spring 2004.

Federal Deposit Insurance Corporation, FDIC Outlook Fall 2004

“The U.S. Agricultural Sector: Recent Events Highlight Ongoing Systemic Risks,” (John Anderlik, Richard Cofer, Jeff Walser), September 2004.

Cooperative Extension Colorado State University

“Consumer Response to Beef Due to the December 2003 BSE Incident in the U.S.,” (Dawn Thilmany, Wendy Umberger, Amanda Ziehl), June 2004.

Agricultural & Natural Resources, University of Wisconsin

“Economic Implications of ‘mad cow’ in the U.S.,” (Brenda Boetel), March 2004.

Agricultural Extension Service, University of Tennessee

“Identification/Traceability of Beef Cattle Re-visited, Part II,” (Emmitt Rawls), winter 2004.

Beef

“Beef Demand Remains Strong,” (Stephanie Veldman), February 1st, 2004.

CJOnline.com/ Topeka Capital-Journal

“Mad cow disease: Treading carefully,” (Amy Bauer), January 4th, 2004.

Texas Farm Bureau

“BSE: Ultimate effect unknown on Cattle Prices,” (The Cornerpost), January 2nd, 2004.

Cattle Today Online

“BSE Discovery Presents New Challenge To Beef Industry,” (Stephen B. Blezinger), December 2003.

Anderson Independent Mail

“Local Cattle Farmers Optimistic, But Know Stakes,” (Kelly Davis), December 26th, 2003.

AgManager Info

“What Are The Expected Impacts of BSE on U.S. Cattle Markets?” (James Mintert), December 26th, 2003.

Feedlot

“What Are The Long-run Effects of BSE on Beef Demand?” (James Mintert), August 2003: 26-27.

Southeastern Farm Press

“Rising Stocks Pressure Soybeans,” (Paul L Hollis) November 15th, 2000.

“Look for Opportunities,” (Paul L. Hollis) December 20th, 2000.

Fayetteville Observer

“1999 A Stormy Year in Field,” Dec 26th, 1999 (Paul Woolverton)

“Planting Season to Begin,” March 22nd, 1998 (Paul Woolverton)

EXTENSION WORKSHOPS AND PRESENTATIONS

International

- “The Jones Act and the Impact on the Southeast U.S. Feed Industry: An Opportunity.” International Seminar: *Perspectives and Realities of the Argentine Agri-food Sector* at the Sheraton Libertador Hotel in Buenos Aires, November 27th, 2002
- “U.S. Foreign Trade in Soybeans: Some Important Economic Relationships and Trends.” International Seminar: *U.S. Agri-food Production, Policy and Trade* at the Food and Agribusiness Program, School of Agronomy, University of Buenos Aires, Argentina, November 30th, 2002.
- “The Jones Act and the Impact on the Southeast U.S. Feed Industry: An Opportunity?” International Seminar: *U.S. Agri-food Production, Policy and Trade* at the Food and Agribusiness Program, School of Agronomy, University of Buenos Aires, Argentina, November 30th, 2002.

National (outside of North Carolina)

- “Risk and Biofuels: Eat Well, Sleep Well” Economic Issues and Outlook Conference, Pasco, Washington, December 6, 2007.
- “Grain marketing in the East” Invited presentation at Organized Symposium “What is the Ideal Extension Marketing Program,” American Agricultural Economics Association Meetings, Long Beach, CA, July 2006.
- “A Broader Look at Risk Management: Eat Well, Sleep Well” invited presentation at “Energy in Agriculture: Managing the Risk” Kansas City, MO, June 2006.
- “U.S. Soybean Situation and Outlook for 2004/05,” presentation at *Planning for Profits in 2005*, Pierce County, Georgia, January 27th, 2005.
- “Putting it All Together: Risk Management Decisions,” presentation at *Planning for Profits in 2005*, Pierce County, Georgia, January 27th, 2005.
- “U.S. Soybean Situation and Outlook for 2004/05,” presentation at *Planning for Profits in 2005*, Bulloch County, Georgia, January 26th, 2005.
- “Putting it All Together: Risk Management Decisions,” presentation at *Planning for Profits in 2005*,” Bulloch County, Georgia, January 26th, 2005.
- “U.S. Soybean Situation and Outlook for 2004/05,” presentation at *Planning for Profits in 2005*, Blackville, South Carolina, January 25th, 2005.
- “U.S. Soybean Situation and Outlook for 2004/05,” presentation at *Planning for Profits in 2005*, Florence, South Carolina, January 24th, 2005.

"U.S. Soybean Outlook 2004/2005." Invited paper at the *Southern Regional Outlook Conference* in Atlanta, Georgia, September, 2004.

"Current Topics of Interest in Soybean Complex: BSE and Labeling," presentation at *Planning for Profits in 2004*," Bulloch County, Georgia, March 10th, 2004.

"Soybean Outlook and Marketing Issues," presentation at *Planning for Profits in 2004*, Bulloch County, Georgia, March 10th, 2004.

"Using Basis to Lock-in Profits," presentation at *Planning for Profits in 2004*, Bulloch County, Georgia, March 10th, 2004.

"Extension in the 21st Century, Program Areas Delivery, and Clientele—Faculty Perspective." Invited presentation Southern Extension Meetings, Charleston, South Carolina, June 23rd, 2003.

"Row Crop Price Outlook—Where are Prices Headed," presentation at *Advanced Marketing Under the New Farmbill*, Rural Development Center, Tifton, Georgia, March 12th, 2003.

"Row Crop Price Outlook—Where are Prices Headed," presentation at *Advanced Marketing Under the New Farmbill*, Rural Development Center, Tifton, Georgia, March 12th, 2003.

"South American Soybean Production—What are the Implications for the Southeast Region?" presentation at *Advanced Marketing Under the New Farmbill*, Georgia Southern University, Statesboro, Georgia March 7th, 2003.

"Row Crop Price Outlook—Where are Prices Headed," presentation at *Advanced Marketing Under the New Farmbill*, Georgia Southern University, Statesboro, Georgia, March 7th, 2003.

"Overview and Challenges for Risk Management Decisions Under the New Farmbill," presentation at Clarendon County, South Carolina, March 6th, 2003.

"South American Soybean Production—What are the Implications for the Southeast Region?" presentation at Clarendon County, South Carolina, March 6th, 2003.

"Overview and Challenges for Risk Management Decisions Under the New Farmbill," presentation at Clarendon County, South Carolina, March 6th, 2003

"Oilseed Situation and Outlook," presentation at 2002 AgFirst Agricultural Outlook Conference, Atlanta Georgia, October 31st, 2002.

"Soybean Outlook," invited paper and speaker at the American Agricultural Economics Outlook Symposium at the Annual Meetings, Long Beach, July 2002.

"Soybean Market Outlook," invited presentation at the South Carolina Ag Expo, Columbia, South Carolina, January 2002.

"Soybean Market Outlook," invited presentation at the South Carolina Ag Expo, Myrtle Beach, South Carolina, February, 2001.

"U.S. Oilseed Situation and Outlook 2000/2001," invited paper at the Southern Regional Outlook Conference in Atlanta, Georgia, September, 2000.

In North Carolina

"Putting It All Together: Risk Management Decisions", Tri County (Perquimans, Chowan, and Gates), Hertford, North Carolina, March 19, 2009.

"US Grains and Soybeans: Supplies, Prices, and the Outlook for 2009/10", Tri County (Perquimans, Chowan, and Gates), Hertford, North Carolina, March 19, 2009.

"The Role of Agriculture in US Energy Production", The Cypress of Raleigh, Wake County, North Carolina, February 26, 2009.

"U.S. Corn, Soybean, and Wheat Situation and Outlook for 2008/2009", Bertie County, North Carolina, February 3, 2009.

"U.S. Corn, Soybean, and Wheat Situation and Outlook for 2008/2009", Duplin County, North Carolina, February 2, 2009.

"State of the Agricultural Economy and Outlook for Corn, Soybeans, and Wheat", Invited Presentation to NC Commissioner of Agriculture and NCDA staff, Raleigh, North Carolina, January 26, 2009.

"State of the Agricultural Economy and Outlook for Corn, Soybeans, and Wheat", NC Small Grain Growers, Raleigh, North Carolina, December 12, 2008.

"Some Basic Economics of Corn Based Ethanol Production", Halifax County, North Carolina, November 6th, 2008.

"Some Basic Economics of Corn Based Ethanol Production", Northhampton County, North Carolina, November 5th, 2008.

"State of the Agricultural Economy" Presentation to Monsanto Fellows in Plant Breeding Program, Raleigh, North Carolina, September 9, 2008.

"U.S. Corn, Soybean, and Wheat Situation and Outlook for 2008/2009", Syngenta, Greensboro, North Carolina, September 5, 2008.

- "U.S. Corn, Soybean, and Wheat Situation and Outlook for 2008/2009" Sampson County, North Carolina, March 27, 2008.
- "U.S. Corn, Soybean, and Wheat Situation and Outlook for 2008/2009" Chowan, Perquimans and Gates Counties, North Carolina, March 6, 2008.
- "U.S. Corn, Soybean, and Wheat Situation and Outlook for 2008/2009" Plymouth, North Carolina, January 22, 2008
- "Grain Marketing: Basics of Futures Markets and Hedging" Plymouth, North Carolina, January 21, 2008
- "U.S. Corn and Soybean Situation and Outlook for 2006/2007" Chowan County, North Carolina, January 26, 2007
- "U.S. Corn and Soybean Situation and Outlook for 2006/2007" Bertie County, North Carolina, Field Grain Conference, January 26, 2007
- "Outlook for Soybeans and Putting it All Together," presentation at *Planning for Profits in 2005*, Perquimans County, North Carolina, January 20th, 2005.
- "Outlook for Soybeans and Putting it All Together," presentation at *Planning for Profits in 2005*, Pitt County, North Carolina, January 21st, 2005.
- "Talking Points: Biodiesel, LLC Business Plan," invited presentation to the Biodiesel Oversight Committee, Morrisville, North Carolina, September 2004.
- "Soybean Outlook and Marketing Issues," Joint County Meeting Duplin/Sampson County, Warsaw, North Carolina January 29th, 2004.
- "Overview and Challenges for Risk Management Decisions," presentation at the *Risk Management Under the New Farmbill Conference*," Greenville, North Carolina January 23rd, 2003.
- "Marketing Strategies Under the New Farmbill," presentation to the *New Visions for Agriculture Joint Conference of North Carolina Soybean, Corn Growers & Small Grain Association*, New Bern North Carolina, January 17th, 2003.
- "The 2002 Farm Bill and Marketing Strategies," presentation to Phillip Morris Leadership Program, Raleigh North Carolina, October 17th, 2002.
- "The 2002 Farm Bill and Marketing Strategies," presentation to County Agents and lenders at the *2002 Farm Bill Workshops*, Agricultural and Resource Economics Extension Faculty, NCSU, Greensboro, North Carolina, September 19th, 2002.

- "The 2002 Farm Bill and Marketing Strategies," presentation to County Agents and lenders at the *2002 Farm Bill Workshops*, Agricultural and Resource Economics Extension Faculty, NCSU, Greenville, North Carolina, September 20th, 2002.
- "Grain Marketing and Soybean Outlook," presentation to Farmers in Perquimans, Chowan, and Gates County, Edenton, North Carolina, February 27th, 2002.
- "Grain Marketing and Soybean Outlook," presentation to Lee County Farmers, Sanford North Carolina, February 26th, 2002.
- "What is Driving Agricultural Commodity Markets? Formulating an Outlook for an Agricultural Commodity and Marketing Strategies," presentation for in-service Ag Agent Training Workshop Entitled The Value of Information in Risk Management in Agriculture: Keep Up or Get Out, Greenville, North Carolina January 29th, 2002.
- "Some Economic Issues and Outlook for North Carolina Grain Markets," presentation to the Thirteenth Annual Joint Conference and Agricultural Expo of North Carolina Corn Growers, Small Grain Growers, and Soybean Producers, Raleigh North Carolina, January 11th, 2002.
- "Soybean Marketing," presentation to farmers in Yadkin County, Yadkinville North Carolina, March 28th, 2001.
- "Evaluating Alternative Producer Marketing Contracts," presentation to farmers in Guilford County, Greensboro North Carolina, March 28th, 2001.
- "Grain and Oilseed Market Outlook," presentation to farmers in Gates County, Gatesville North Carolina, March 14th, 2001.
- "Grain and Oilseed Market Outlook," presentation to farmers in Guilford County, Greensboro North Carolina, March 12th, 2001.
- "Grain and Oilseed Market Outlook," presentation to the Agricultural Lenders Conference, Raleigh, North Carolina, February 7th, 2001.
- "Research and Extension Efforts in the Department of Agricultural and Resource Economics at North Carolina State," as part of the Soybean Overview, Raleigh, North Carolina, February 6th, 2001.
- "Grain Market Outlook and Marketing," providing training to certified crop agents at Forsythe Extension Office, December 8th, 2000.
- "North Carolina Grain Marketing Homepage," a presentation to the Phillip Morris Leadership Program, Raleigh, North Carolina, December 5th, 2000.

Attended the USDA Risk Management Agency listening session and provided testimony, September 20th, 2000.

"U.S. Oilseed Situation and Outlook 2000/2001," Invited paper at the Southern Regional Outlook Conference in Atlanta, Georgia, September 25-27th, 2000.

"Grain Market Outlook," a presentation to farmers in Pasquotank County, Elizabeth City, North Carolina, September 12th, 2000.

"Grain Marketing and Managing Price Risk," a presentation to North Carolina Bankers Association, May 25th, 2000.

"Grain Marketing and Managing Price Risk," a presentation as part of the Master Farm Management Seminar, Raleigh, North Carolina, January 27th, 2000.

"Some Economic Issues Important to North Carolina Soybean Producers," a presentation to the board meeting of the North Carolina Soybean Producers, Raleigh, January 19th, 2000.

"Grain Marketing and Managing Price Risk," a presentation to farmers in Harnett County, Lillington, North Carolina, March 10th, 2000.

"Managing Price Risk and Grain Market Outlook," a presentation to farmers in Pasquotank County, Elizabeth City, North Carolina, February 25th, 2000.

"Managing Price Risk and Grain Market Outlook," a presentation to farmers in Perquimans County, Hertford, North Carolina, February 24th, 2000.

"Managing Price Risk and Grain Market Outlook," a presentation to farmers in Craven County, New Bern, North Carolina, February 22nd, 2000.

"Managing Price Risk and Grain Market Outlook," a presentation to farmers in Pamlico County, Alliance, North Carolina, February 22nd, 2000.

"Managing Price Risk and Grain Market Outlook," a presentation to farmers in Yadkin and Surry County, Dobson, North Carolina, February 16th, 2000.

"Grain Market Outlook," a presentation to farmers in Washington County, Plymouth, North Carolina, February 11th, 2000.

"Grain Market Outlook," a presentation to farmers in Lee County, Sanford, North Carolina, February 2nd, 2000.

"Grain Marketing and Managing Price Risk," a presentation as part of the Master Farm Management Seminar, Raleigh, North Carolina, January 27th, 2000.

"Grain Marketing and Managing Price Risk," a presentation as part of series of seminars entitled *Knowledge is Wealth* sponsored by Tar Heel Farm Credit, Rocky Mount, North Carolina, December 9th, 1999.

"North Carolina State Grain Marketing Homepage," a presentation to county agents at Annual Conference in Raleigh, North Carolina, November 18th, 1999.

"Forward Price and Hedging to Manage Price Risk," a presentation to faculty of AT&T University at Annual Training, Greensboro, North Carolina, September 14th, 1999.

"Grain Market Outlook," a presentation to grain farmers in Pasquotank County, Elizabeth City, North Carolina, April 25th, 1999.

"Grain Marketing Strategies to Manage Risk and Market Outlook," a presentation to the Blackland Farm Managers Association, Washington County, Plymouth, North Carolina, March 4th, 1999.

"Grain Marketing Strategies to Manage Risk," a presentation to grain farmers in Craven County, New Bern, North Carolina, February 11th, 1999.

"Grain Marketing Strategies to Manage Risk and Market Outlook," a presentation to grain farmers in Pasquotank County, Elizabeth City, North Carolina, February 25th, 1999.

"Introduction to Hedging and Forward Pricing," a presentation to grain farmers in Cumberland County, Fayetteville, North Carolina, January 27th, 1998.

WORKSHOP PROGRAMS CHAIRED OR CO-CHAIRLED

Co-chair, "Planning for Profits in 2005," For ag agents and farmers in North Carolina, South Carolina, and Georgia, January 2005.

Chair, Southern Extension Marketing Committee Annual Meeting, Lexington, KY, 14-16th June, 2004.

Co-chair, "Train the Trainer," meeting for Ag Agents in North Carolina and Georgia, NCSU-ARE Raleigh, North Carolina, May 13-14th, 2004

Program Chair, Southern Extension Committee Annual Conference, Charleston, South Carolina, June 23-25th, 2003.

Chair, *Risk Management Under the New Farmbill*, Agricultural and Resource Economics Extension Specialists in Southeast Region Greenville, North Carolina Pitt County Extension Office January 23rd, 2003.

Co-Chair, *2002 Farm Bill Workshops*, Agricultural and Resource Economics Extension Faculty, NCSU, Greensboro, North Carolina, September 19th, 2002.

Co-Chair, *2002 Farm Bill Workshops*, Agricultural and Resource Economics Extension Faculty, NCSU, Greenville, North Carolina, September 20th, 2002.

Co-Chair, In-service Ag Agent Training Workshop Entitled: *The Value of Information in Risk Management in Agriculture: Keep Up or Get Out*, Greenville, North Carolina January 29th, 2002.

COMMITTEE AND SERVICE WORK

Specials Projects

Evaluation of the "Biodiesel, LLC Business Plan." Special assignment from the Dean of College of Life Sciences, North Carolina State University, summer 2004.

University, College, and Departmental Committees

ARE Compact Planning Committee, 2006.

Lead for ARE Search Committee for Assistant Professor search 2006.

ARE Search Committee, 1999-current.

College of Life Sciences Bioprocessing Committee, 2004.

ARE Planning Team Committee for CREES review, 2002.

North Carolina State Econ. Editorial Board, 1999-2001.

ARE Computer Advisory Committee 1999-2002.

ARE Reading Committee for the Best Masters and Ph.D. Thesis, 1998.

Regional, National, and International Committee Work

American Agricultural Economics Association Extension Awards Committee, 2006-present .

American Agricultural Economics Association Task Force: Selected Papers, Posters and Symposium 2006.

Councilor, North American Branch of the Australian Agricultural and Resource Economics Society, 2002-present

AARES-AAEA Young Professionals Exchange Travel Award Committee 2002-present

Southern Extension Marketing Committee 1999-present

Western Agricultural Economics Association Outstanding Published Research Award
Committee 2002.

Southern Extension Marketing Risk Task Force, 2000-2001

CONSULTING ACTIVITIES

Reviews for Federal Crop Insurance Corporation Board

Named Peril Weather Insurance, December 2008.

Apiculture Rainfall Index, May 2007.

Apiculture Vegetation Index, May 2007.

Alternative Methods for Mitigating Declines in Approved Yields Due to Successive
Years of Low Yield– Replacement Yields and Grower Determined Yields,
February 2007.

Yield Indexing for Category B Crops– Stabilized Actual Production History, February
2007.

Pasture, Rangeland, and Forage Vegetation Index, October 2005.

Pasture, Rangeland, and Forage Rainfall Index, October 2005.

Livestock Gross Margin Pilot Program for Cattle, June 2005.

Sweet Potato New Pilot Program Development, August 2004.

Livestock Risk Protection Lamb Endorsements Program Response to Reviewers,
March 2004.

Livestock Risk Protection Lamb Endorsements Program, December 2003.

Livestock Risk Protection Program Update for Feeder Cattle, Fed Cattle Swine, October
2003.

Revised Livestock Gross Margin Plan of Insurance, June 2003.

Expert Witness Activities

Seminis Inc. v Factory Mutual Insurance Company,
Dickstein Shapiro LLP—Linda Kornfield Esq., July 2008.

Tim Adam et al. v. United States of America et. al,
Holland & Hart LLP—Doug Abbott, April 2007-present

Bob L. McIntosh, Chris Peterson v. Monsanto Company, Pioneer Hi-Bred International Inc, Syngenta Seeds Inc, Aventis Cropscience USA Holding Inc, McKenna Long & Aldridge LLP—Donna Donlon Esq., May 2006.

Craig S. Ralph v. Price Newman Payne
Ragsdale Liggett PLLC—Melissa Dewey Brumback Esq., March 2006

Pioneer Hi Bred International Inc v Agrigenetics, Inc d/b/a Mycogen Seeds, Mycogen Corporation and Dow Agrosiences
Barlit, Beck, Herman, Palenchar & Scott LLP—Lindley Brenza Esq., February 2006.

Sun Microsystems, Inc. v Microsoft Corporation
Analysis Group Inc., January 2004.

Evaluation of Lease and Tenancy Agreement
Everett, Gaskins, Hancock, and Stevens LLP – Paul Ridgeway Esq., December 2003.

Vitamin Anti-Trust Litigation
Analysis Group Inc., December 2003.

Chemical Products Technologies v Monsanto Company
Husch and Eppenberger, LLC – Adam Miller Esq., June 2002.

Monsanto Company v Scruggs Farms et al.
Husch and Eppenberger, LLC – Adam Miller Esq., April 2002.

E.I. Du Pont de Nemours and Company v Monsanto Company et al.
Arnold and Porter, LLC – Jonathan Geklen, Esq., December 2002.

State v Rich Food Services, Inc. et al.
North Carolina Department of Justice, Raleigh, North Carolina, February 2002.

E.I. Du Pont de Nemours and Company v Monsanto Company et al.
Nexsen Pruet Jacobs & Pollard, LLP – Marguerite Willis, Esq., June 2001.

Consultative Economic Evaluations

Crop Insurance and risk management
Monsanto Company, St Louis, Missouri, October 2006-current

Estimating the U.S. Farm-level Value of MIR162 Commercialization
Syngenta Corp, Research Triangle Park, North Carolina, October 2006

Economic Evaluation of the US Pork Check-off Program
RTI International, Research Triangle Park, North Carolina, September 2006.

Evaluation of Natural Refuge Plan for Bollgard II
Monsanto Company, St Louis, Missouri, April 2006

New RRFlex Pre-launch Study
Monsanto Company, St Louis, Missouri, January 2005

GIPSA Livestock and Meat Marketing Study—Hog Team
RTI International, Research Triangle Park, North Carolina, July 2004-present

An Economic Analysis of the Cotton Research and Promotion Programs
Center for Economics Research, Research Triangle Institute, Raleigh, North Carolina, September, 2001.

The California Table Grape Commission's Promotion Program: An Evaluation
California Table Grape Commission, 1996.

Other Consulting

Ag First Farm Credit Bank, Columbia, South Carolina, 2000-present

- Prepared "U.S. Soybean Situation and Outlook," annually which are distributed to clients in AL, DE, FL, GA, KY, LA, MD, MS, NC, OH, PA, SC, TN, and VA.

South Carolina Farm Bureau, Columbia, South Carolina, 2001

- Evaluation of Historical price and quantity relationships in grain markets in South Carolina.

Ag Education & Consulting, LLC, Savoy, Illinois, 2000-08

- Soybean Value Chain model and other soybean complex related projects.

Centre for Applied Economics and Policy Studies, Massey University, New Zealand, 1998

- Estimation of Korean food demand system.

Exxon, 1995

- Developing and managing large datasets related to fish catches for various species in the US.