

KATHRYN A. BOYS

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EDUCATION

- Ph.D. Agricultural Economics, Purdue University, Lafayette, IN, 2008 (December)
Dissertation: *Investment, Trade, and Economic Development: Lessons from Vietnam*
- M.S. Agricultural Economics, Purdue University, Lafayette, IN, 2005
- M.Sc. Marketing and Consumer Research, University of Guelph, Guelph, ON Canada, 2003
- B.Sc. Biological Science (Major), University of Guelph, Guelph, ON Canada, 2000
- B.A. Business Administration (Emphasis), University of Guelph, Guelph, ON Canada, 2000

PROFESSIONAL POSITIONS

- Assistant Professor**, Department of Agricultural and Resource Economics, North Carolina State University, August 2014 to Present
- Assistant Professor**, Department of Agricultural and Applied Economics, Virginia Tech, July 2011 to July 2014 (Visiting from July 2011 to Dec. 2012)
- Special Graduate Faculty**, Department of Food Science, University of Guelph, 2011
- Assistant Professor**, Department of Applied Economics and Statistics, Clemson University
January 2009 to July 2011
- Instructor**, Department of Applied Economics and Statistics, Clemson University
August 2008 to December 2008
- Graduate Research Assistant**, Department of Agricultural Economics, Purdue University
August 2002 to July 2008
- Research Assistant**, Department of Food Science, University of Guelph
April 2005 to December 2005

PUBLICATIONS

Peer Reviewed Journal Publications

(* denotes MS student coauthor; ** PhD student coauthor)

A. Sharma**, **K.A. Boys** and J. Grant. The Bright Side of the Generalized System of (Trade) Preferences: Lessons from Agricultural Trade. *Journal of Agricultural and Resource Economics*. Forthcoming.

K.A. Boys and A.M. Fraser. 2018. Linking Small Fruit and Vegetable Farmers with Institutional Foodservice Operations: Marketing Challenges and Considerations. *Renewable Agriculture and Food Systems*. <https://doi.org/10.1017/S1742170518000030>

K.A. Boys, K. White*, and G. Groover. 2017. "AgCache: Fostering Rural Tourism through an Agriculture Focused Geocache Program." *Journal of Sustainable Tourism*. 25(10):1-20. <http://dx.doi.org/10.1080/09669582.2017.1291646>

Wilcock, A. and **K.A. Boys**. 2017. "Improving Quality Management: ISO 9001 Benefits for Agrifood Firms." *Journal of Agribusiness in Developing and Emerging Economies*. 7(1): 2-20. <https://doi.org/10.1108/JADEE-12-2014-0046>

Recognition:

- *Journal of Agribusiness in Developing and Emerging Economies*, Highly Commended Paper Award for 2017

D. Willis, C. Carpio, and **K.A. Boys**. 2016. "Supporting Local Food System Development Through Food Price Premium Donations: A Policy Proposal." *Journal of Agricultural and Applied Economics*. 48(2): 192-217. <https://doi.org/10.1017/aae.2016.10>

Caffarelli, P.*, G. Ferreira, G. Groover, and **K.A. Boys**. 2016. "Grain Consumption and Production in Virginia: A Trend and Spatial Examination." *Agricultural Sciences*. 7(4): 250-269. <http://dx.doi.org/10.4236/as.2016.74025>

Boys, K.A., M. Ollinger, and L. Geyer. 2015. The Food Safety Modernization Act: Implications for U.S. Small Scale Farms. *American Journal of Law and Medicine*. 41(2-3):395-405. <https://doi.org/10.1177/0098858815591524>

Espey, M. and **K.A. Boys**. 2015. Alignment of Effort: Recruitment into Undergraduate Agricultural and Applied Economics Programs. *Journal of Agricultural and Applied Economics*. 47(3): 382-410. <https://doi.org/10.1017/aae.2017.36>

Hughes, D. and **K.A. Boys**. 2015. What We Know and Don't Know About the Economic Development Benefits of Local Food Systems. *Choices*. 30(1): 1-6.

Hughes, D., H. Chrissy, and **K.A. Boys**. 2014. Limehouse Produce: A Unique Wholesaler of Locally Sourced Produce. *Journal of Food Distribution Research*. 45(3): 58-47.

Boys, K.A. and A. Wilcock. 2014. Improving Integration of Human Resources into Quality Management System Standards. *International Journal of Quality & Reliability Management (IJQRM)*. 31(7): 738-750. (Lead Article) <https://doi.org/10.1108/IJQRM-07-2012-0107>

Recognition:

- IJQRM, Highly Commended Paper Award for 2014

Boys, K.A., D. Willis, and C. Carpio. 2014. Consumer Willingness to Pay for Organically and Locally Grown Produce on Dominica: Insights into the Potential for an "Organic Island". *Environment, Development and Sustainability*. 16(3): 595-617. <https://doi.org/10.1007/s10668-013-9496-3>

Wilcock, A. and **K.A. Boys**. 2014. Reduce Product Counterfeiting: An Integrated Approach. *Business Horizons*. 57(2): 279-288.

Boys, K.A. and D. Hughes. 2013. A Regional Economics Based Research Agenda for Local Food Systems. *Journal of Agriculture, Food Systems, and Community Development*. 3(4):145-150. <http://dx.doi.org/10.5304/jafscd.2013.034.012>

Boys, K.A. 2013. Food Product Liability Insurance: Implications for the Marketing of Specialty Crops, *Choices* 28(4): 1-5.

Grant, J.H. and **K.A. Boys**. 2012. "Agricultural Trade and the GATT/WTO: Does Membership Make a Difference?" *American Journal of Agricultural Economics* 94(1): 1-24. (Lead Article)

Reprinted In:

- Anderson, K. (Ed.) 2014. Measuring WTO's Contributions to Global Economic Welfare. "Chapter 23: Agricultural Trade and the GATT/WTO: Does Membership Make a Difference." Edward Elgar Publishing. Cheltenham, Glos UK.

Recognitions:

- EAEA, Distinguished Policy Contribution Award for 2012
- AAEA, Honorable Mention, Outstanding AJAE Article Award

Grant, J.H., and **K.A. Boys**. 2011. "On the Road to Doha: How the WTO has Liberalized Agricultural Trade," *Foreign Policy (Online)*, (April) 01-08.

Moussa, B., J. Lowenberg-DeBoer, J. Fulton, and **K.A. Boys**. 2011. "The Economic Impact of Cowpea Research in West and Central Africa: A Regional Impact Assessment of Improved Cowpea Storage Technologies." *Journal of Stored Products Research* 47(3): 147-156. <https://doi.org/10.1016/j.jspr.2011.02.001>

Articles highlighting results from this publication:

- "Farmers in West and Central Africa obtain economic benefits from enhanced cowpea storage technologies." Pulse CRSP Impact Assessment – Research Brief, No. 3, 2012

Boys, K.A., N. Li, P.V. Preckel, A.P. Schinckel, and K.A. Foster. 2007. "Economic Replacement of a Heterogeneous Herd." *American Journal of Agricultural Economics* 89(1): 24-35.

Boys, K.A., M. Faye, J. Fulton, J. Lowenberg-DeBoer. 2007. "The Economic Impact of Cowpea Storage Research in Senegal: An Ex-Post Analysis with Disadoption." *Agricultural Economics* 36(3):363-375.

Articles highlighting results from this publication:

- Appiah, B. "Post-harvest technologies pay off for cowpeas." Science and Development Network. August 17, 2011.

Wilcock, A., S. Karapetrovic, **K.A. Boys**, P. Piche. 2006. "Use of ISO 9004:2000 and other Business Excellence Tools in Canada." *International Journal of Quality and Reliability Management*. 23(7): 828-846. <http://dx.doi.org/10.1108/02656710610679833>

Boys, K.A., A. Wilcock, S. Karapetrovic, and M. Aung. 2005. "Excellence Programs: A Canadian Perspective." *Measuring Business Excellence*. 9(4): 4-15.

Boys, K.A., S. Karapetrovic, A. Wilcock. 2004. "Is ISO 9004 a Path the Business Excellence? Opinions of Canadian standards experts." *International Journal of Quality and Reliability Management* 21(8): 841-860.

Book Chapters

Wang, X., **K.A. Boys** and N. Hooker. Organic Innovation: The Growing Importance of Private Label Products in the U.S. Chapter in J. Byrom and D. Medway (Eds.) *Case Studies in Food Retailing and Distribution*. Elsevier. *Forthcoming*.

Boys, K.A. and S. Blank. 2016. “The Evolution of Local Foods: A Retrospective and Prospective Consideration,” Chapter 2 in M. Lang and J. Stanton (eds.) *The Meaning of Local Foods: A Food Marketing Management Perspective*, The Institute of Food Product Marketing, Philadelphia, PA.

Reports

Caffarelli, P.*, G. Ferreira, G. Groover and K. Boys. 2014. *Grain and Soybean Production and Storage in Virginia: A Summary and Spatial Examination*. Virginia Cooperative Extension, Publication AAEC-60P.

Hughes, D.W., D. Swindall*, K.A. Boys, A. Fraser, and S. Barefoot. 2012. “Kitchen Incubator Feasibility Study for the Columbia, S.C. Area” Prepared for: South Carolina Department of Agriculture Specialty Crop Block Grant Program State Plan Agreement 12-25-B-1093.

Hughes, D.W., D. Swindall.*, O. Isengildina, K.A. Boys, B. Landford, S. Macdonald, M. Harper. 2011. “Barnwell County: Agribusiness Strategic Plan with an Emphasis on Industrial Park Development.” UCED Research Report 2011-03. University Center for Economic Development & Clemson Institute for Economic and Community Development, Clemson University, Report Prepared for: Barnwell County Economic Development Commission and the Lower Savannah Council of Governments.

Boys, K.A., J. Fulton, M. Faye, J. Lowenberg-DeBoer. 2004. Adoption and the Economic Impact Implications of Storage Technology and Improved Cowpea Varieties in the North Central Peanut Basin of Senegal. Prepared for: Bean/Cowpea Collaborative Research Support Program (CRSP).

Refereed Conference Proceedings

Kanieski da Silva, B., K.A. Boys and F.W. Cabbage. 2016. The Impacts of Forest Certification on International Trade of Forest Products. In: Frey, Gregory E. and Nepal, Prakash, (Eds.) *Forest economics and policy in a changing environment: how market, policy, and climate transformations affect forests—Proceedings of the 2016 Meeting of the International Society of Forest Resource Economics*. e-Gen. Tech. Rep. SRS-218. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. 154 p.

Boys, K. and N. Hooker. 2015. Export Opportunities and Import Competition: Improving the Understanding of International Markets for U.S. Organic Farm and Processed Products. Proceedings of the Organic Agriculture Research Symposium 2015.

Lowenberg-DeBoer, J., J. Fulton, M. Faye, K. Boys and M. Bokar. 2005. Impact of CRSP Cowpea Storage Technologies. *Proceedings of the Bean/Cowpea CRSP All Researchers Meeting*, Dakar Senegal. September.

A. Wilcock, S. Karapetrovic, K.A. Boys and P. Piche. 2004. "Towards Business Excellence: The Case of ISO 9004 in Canada", *Proceedings of the 9th International Conference on ISO 9000 & TQM*, Bangkok, Thailand, pp. 50-58.

A. Wilcock, S. Karapetrovic, K.A. Boys and P. Piche. 2004. "Business Excellence in Canada: A Survey", *Proceedings of the 10th International Conference on Productivity and Quality Research*, Miami, Florida, Chapter 35-1.

Selected/Invited Presentations and Posters

(†Presenting Author; * MS student coauthor; ** PhD student coauthor)

Bloom, D.†, R. Dunning, K.A. Boys, R. Shisler, C. Stover, D. Yates. 2018. Local Food Procurement in Farm to Early Child Care and Education Programs: Analyzing Market Potential. Presentation to the 2018 FDRS Annual Conference, Arlington, VA. September 14-18, 2018.

K.A. Boys†. 2018. Food Fraud and International Trade. Presentation to the 2018 AAEA Annual Meeting, Washington, DC, August 5-7, 2018.

Lee, D.+**, and K.A. Boys. 2018. Market Incentives for Safe Foods: An Examination of the Effect of Food Recalls on Firms' Stock Prices. Poster presented to the 2018 AAEA Annual Meeting, Washington, DC, August 5-7, 2018.

Bloom, D†., R. Dunning, K.A. Boys, R. Shisler, D. Yates. 2018. Local Food Procurement in Farm to Early Child Care and Education Programs: Analyzing Innovative Models for Farmer Profitability. 81st Annual Meeting of the Rural Sociological Society, July 27-30, Portland, OR.

Dunning, R†., L. Johnson, K. Boys, D. Bloom., M. Boyette, N. Creamer. 2017. Whole Crop Harvest: Increasing Farmer Returns and Reducing Food Waste. 2017 National Value-Added Agriculture Conference. Little Rock, AR, November 14-16, 2017.

Wang, X., N. Hooker†, K.A. Boys. 2017. It's OK – Its Organic! Hedonic Analysis of Snacks. Presentation to the 2017 AAEA Annual Meeting, Chicago, July 30-August 1, 2017.

Rizwan, N.*† and K.A. Boys. 2017. Are Remittances Infectious? Evidence of Remittances Causing Dutch Disease. Presentation to the 2017 AAEA Annual Meeting, Chicago, July 30-August 1, 2017.

Boys, K.A.† 2017. Public Health Consequences of Management Failures: Detection, Incidence, and Mitigation of Fraud in Food Supply Chains. Presentation to the 2017 AAEA Annual Meeting, Chicago, July 30-August 1, 2017.

Caswell, J.A., K.A. Boys, A.A. Danilow*, K.E. Lynch*†. 2017. Food Certification Industry Capacity and Ability to Comply with FSMA Final Rule on Accredited Third-Party Certification. Presentation to the 2017 AAEA Annual Meeting, Chicago, July 30-August 1, 2017.

Kanieski, B.+** and K.A. Boys. "Forest Stewardship Standards: Voluntary Governance as a Trade Facilitation Strategy?"

- Presented at the 2016 Meeting of the International Society of Forest Resource Economists (ISFRE).
- Presented at the 2016 AAEA Annual Meeting, Boston, MA, July 31-August 2.

Kandilov, I.T.†, and K.A. Boys. “Strategic Acquisitions: Determinants of Chinese Outward Direct Investment in the Agrifood Industry.” Presentation to the 2016 AAEA Annual Meeting, Boston, MA, July 31-August 2.

Hughes, D.W.†, D.B. Willis, and K.A. Boys. “Evaluating the determinants of self-employed income across regional economies: An initial assessment.” Presentation at the Western Regional Science Association, 55th Annual Meeting, Big Island, Hawaii, February 14-17, 2016.

Boys, K.A., J.A. Caswell, and S.A. Hoffmann†. “Use of internet data to evaluate capacity in the global food safety certification industry.” Presentation at the 2015 Annual Meeting of the Society for Risk Analysis, Arlington, VA, December 6-10.

Kandilov, I.†, and K.A. Boys. “The Determinants of Chinese Outward Direct Investment in the Agrifood Industry. Presentations to:

- Annual Meeting of the International Agricultural Trade Research Consortium (IATRC), Clearwater, FL, December 13-15, 2015.
- USDA-ERS, Markets & Trade Division, October 29, 2015.

Boys, K.A.†, O. Mahndu*, and M. Ollinger. “Examining Jury Decisions and Awards in Foodborne Illness Lawsuits.” Presentation to the 2015 Annual conference of the Food Distribution Research Society, Philadelphia, PA, October 9-13.

Grant, J†. and K. Boys. “The GATT/WTO Trade Effect 20 Years Later: A Critical Review and New Insights.” Presentation at the 2015 Agricultural & Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28.

Boys, K†, J. Caswell, and S. Hoffmann. “Foreign Supplier Verification Requirements: FSMA’s Long Reach into International Food Markets.” Presentation at the 2015 Agricultural & Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28.

Boys, K†, J. Caswell, S. Hoffmann and S. Colarusso. “The Business of Safe Food: An Assessment of the Global Food Safety Certification Industry.” Presentation at the 2015 Agricultural & Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28.

Sharma, A.†**, Grant, J. and K. Boys. “Truly Preferential Treatment? Reconsidering the Generalized System of (Trade) Preferences.” Presented at the Agricultural and Applied Economics Association Annual Meeting, San Francisco, CA, July 26-28 2015.

Barrowclough, M.†**, K. Boys, and C. Carpio. "An Evaluation of Firm and Contract Characteristics Valued by Supply Chain Partners in Specialty Crop Marketing Channels”

Presentation at the 2015 Agricultural & Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28.

Mahdu, O.†*, K. Boys, M. Ollinger, and L. Geyer. “Penalties for Foodborne Illness: Jury Decisions and Awards in Foodborne Illness Lawsuits.” Presentation at the 2015 Agricultural & Applied Economics Association and Western Agricultural Economics Association Annual Meeting, San Francisco, CA, July 26-28.

Hughes, D.W.†, D. Lambert, and K.A. Boys. 2015. “Assessing possible interactions between social capital and local food systems. Paper presented to the Southern Regional Science Association. Mobile, AL, March 26-28, 2015.

Boys, K.† and N. Hooker. 2015. “Export opportunities and import competition: Improving understanding of international markets for U.S. organic farm and processed products.” Paper presented to the Organic Agriculture Research Symposium. La Crosse, WI. Feb 25-26, 2015.

Boys, K.†, L. Geyer, and M. Ollinger. 2015. “The Food Safety Modernization Act: Implications for Small-Scale Farms” Invited paper presented to the American Journal of Law and Medicine Symposium. Boston University School of Law. Boston, MA. Jan 30, 2015.

Hughes, D.W.†, H. Crissy, and K. Boys. 2014. “Limehouse Produce: Case Study of a Locally Owned Food Wholesaler.” Paper Presented at the 16th Annual National Value Added Agriculture Conference. Baltimore, MD, May 13-15, 2014

Caswell, J.† and K. Boys. 2014. A New Mix of Private and Public: How well might the U.S. Food Safety Modernization Act Work? Presentation at the Australian Agricultural and Resource Economics Society. February 4-7, Port Macquarie, Australia.

Boys, K.† and J. Grant. 2014. ISO 22000: A New Tool to Help Facilitate International Food Trade? Presented at the Annual Meeting of the Southern Agricultural Economics Association, Dallas TX, February 1-4, 2014.

Boys, K.† and P. Donovan. 2014. Local Food System Investment: A Proposal for a Novel and Targeted Approach. Presented at the Annual Meeting of the Southern Agricultural Economics Association, Dallas TX, February 1-4, 2014.

Hughes, D.W.† and K.A. Boys. 2013. Local Food Systems and Regional Economic Development. Presented at the North American Meetings of the Regional Science Association International (RSAI), Atlanta GA, November 13-16, 2013.

Vaiknoras, K.†**, K.A. Boys, and P. Donovan. 2013. From Agriculture to Manufacturing and Back: Old Industrial Zones as Prospective Incubators for Local Food Systems. Paper presented at the Annual Meeting of the American Agricultural and Applied Economics Association, Washington, DC, August 4-6, 2013.

Willis, D.B.[†], C.E. Carpio, K.A. Boys, E.D. Young. “Consumer Willingness to Pay for Locally Grown Produce Designed to Support Local Food Banks to Enhance Locally Grown Producer Markets. Paper presented at the Annual Meeting of the American Agricultural and Applied Economics Association, Washington, DC, August 4-6, 2013.

Caswell, J.[†] and K. Boys. “The Industrial Organization of Food Certification.” Presented in invited paper session “Auditing the Auditors: The Credibility of Certification” at the Annual Meeting of the Southern Agricultural Economics Association, Orlando, FL. February 2-6, 2013.

Willis, D.B.[†], K.A. Boys, D.W. Hughes, and D. Swindall*. “Evaluating the Determinants of Self-Employed Income Across Regional Economies: A Case-Study of the U.S. Southeast.” Paper presented at the Annual Meeting of the American Agricultural and Applied Economics Association, Seattle WA, August 12-14, 2012.

Boys, K.A.[†], I. Rum*, and D.B. Willis. “The Impact of Trade Costs on Indonesian Agri-food Sectors: An Interregional CGE Analysis.” Poster presented at the Annual Meeting of the American Agricultural and Applied Economics Association, Seattle WA, August 12-14, 2012.

Boys, K.A.[†] L. Westray*, and A. Fraser. “Serving as Suppliers to Institutional Foodservices: Supply Chain Considerations of Small- and Medium-scale Specialty Crop Producers.” Poster presented at the Annual Meeting of the American Agricultural and Applied Economics Association, Seattle WA, August 12-14, 2012.

Willis, D.B.[†], D. Swindall*, K.A. Boys and D.W. Hughes. "The Determinants of Self-Employed Income in a Regional Economy." Paper presented at the Annual Meeting of the American Agricultural and Applied and Economics Association joint with the Northeastern Association of Agricultural and Resource Economist, Pittsburgh, PA, July 24-26, 2011.

Boys, K.A.,[†] M. Espey, H. Bagby*, and M. Gottfried*. “Variation in College of Agriculture Recruitment Strategies across the Country.” Presentation to the Annual Meeting of the American Agricultural and Applied and Economist Association joint with the Northeastern Association of Agricultural and Resource Economist, Pittsburgh, PA, July 24-26, 2011.

Espey, M.[†], K.A. Boys and S. Weaver*. “Strategies for Successful Student Recruitment in Applied Economics.” Presentation to the Annual Meeting of the American Agricultural and Applied and Economist Association joint with the Northeastern Association of Agricultural and Resource Economist, Pittsburgh, PA, July 24-26, 2011.

Boys, K. A. [†], D.B. Willis, and S. George*. “Assessing Domestic Demand for Organic and Locally Grown Produce on an Organic Island: Dominica’s Dilemma”. Selected poster presented at the Annual Meetings of American Agricultural and Applied Economics Association, Pittsburg, Pennsylvania. July 24-26, 2011.

Isengildina-Massa, O., M. Fisher [†], C.E. Curtis, K.A. Boys. “What Does the Market Tell Us about Basis?” Selected poster presented at the Annual Meetings of American Agricultural and Applied Economics Association, Pittsburg, Pennsylvania. July 24-26, 2011.

Wilcock, A. † and K.A. Boys. "An Examination of Counterfeiting from the Perspective of Quality Management", Presentation to The 3rd Canadian Quality Congress, Winnipeg, MB, Canada, June 27-29, 2011.

Boys, K.A. and A.Wilcock †, The Future of ISO 9001: An Overview of Canadian Data, CAC/ISO TC176, Vancouver, B.C., June 2011.

Hughes, D. W. †, H. Crissy, K.A. Boys, and D. Swindall. "Use of LED Data Tools in Clemson University Outreach." Poster Presented at the U.S. Census Bureau's 12TH annual Local Employment Dynamics (LED) partnership workshop, Arlington, VA, March 9-10, 2011.

Hughes, D. W. †, H. Crissy, K.A. Boys, and D. Swindall. "Gussie Greene Technology Center: Making Technology Attractive for Low Income Children." Poster Presented at the National Association of Community Development Professionals (NACDEP) Annual Conference, Charleston, SC, March 7-9, 2011.

Swiger, C. †*, K.A. Boys, J.L. Sharp, J. L., and D.W. Hughes, "Food Access in the Palmetto State: Identifying Potential Food Desert/Food Imbalance Areas in South Carolina," Southern Regional Science Association Annual Meeting, New Orleans, LA, 23-27 (March, 2011).

A. Wilcock † and K.A. Boys. "Quality Management Systems: Integrating People and Processes in the ISO 9000 Series of Standards." The Second Canadian Quality Congress (CQC), Toronto Ontario, Canada, (August 2010).

K.A. Boys † and J.H. Grant. "ISO 14000 Standards: Voluntary Environmental Governance as a Trade Facilitation Strategy?", 2010 Agricultural & Applied Economics Association (AAEA), Canadian Agricultural Economics Society (CAES) and The Western Agricultural Economics Association (WAEA) Joint Annual Meeting, Denver, CO, (July 2010).

J.H. Grant † and K.A. Boys. "Agricultural Trade and the GATT/WTO: Does Membership Make a Difference?", 2009 International Agricultural Trade Research Consortium (IATRAC) Annual Meeting, Ft. Myers, FL, (December 2009).

K.A. Boys † and J.H. Grant. "ISO 9000 Standards: Implicit Barrier or Trade Facilitation Strategy," 2009 American Agricultural Economics Association (AAEA) & American Council of Consumer Interests (ACCI) Joint Annual Meeting, Milwaukee, WI, (July 2009).

J.H. Grant † and K.A. Boys. "Does the World Trade Organization Promote Trade? An Empirical Assessment of Agricultural and Non-agricultural Trade Flows", 2009 American Agricultural Economics Association (AAEA) & American Council of Consumer Interests (ACCI) Joint Annual Meeting, Milwaukee, WI, (July 2009).

K.A. Boys † and J.H. Grant. "ISO 9000 Standards: Implicit Barrier or Trade Facilitation Strategy," 2009 Canadian Agricultural Economics Society-Canadian Economics Association (CAES-CEA) Joint Annual Meeting, Toronto, Canada, (May 2009)

P. Abbott[†], K. Boys, P. Huong, F. Tarp, “Trade and Development in Vietnam: Exploring Investment Linkages,” Symposium on Globalization and the Rural-Urban Divide, International Agricultural Trade Research Consortium (IATRC), Seoul, Korea, (June 29-July 1, 2008).

K.A. Boys and R.J.G.M Florax. 2007. Meta-Regression Estimates for CGE Models: A Case Study of Input Substitution Elasticities in Production Agriculture. Versions of this paper presented at:

- Tenth Annual Conference on Global Economic Analysis; West Lafayette, IN, June 2007
- American Agricultural Economics Association Annual Meeting; Portland, OR, July 2007
- International Colloquium for Meta-Analysis in Economics; Sønderborg, Denmark, Sept 2007

K.A. Boys[†] and K.A. Foster. 2005. Bias and Scale Effects of Government Payments. Paper presented at the American Agricultural Economics Association Annual Meeting, Providence, Rhode Island, July.

K.A. Boys[†], N. Li, P.V. Preckel, A.P. Schinckel and K.A. Foster. 2005. Economic Replacement of a Heterogeneous Herd – Optimal Decisions Under Alternative Payment Schedules. Paper presented at the American Agricultural Economics Association Annual Meeting, Providence, Rhode Island, July.

K.A. Boys, A. Wilcock[†], S. Karapetrovic and R. Goy. 2002. National Survey of ISO 9004 Usage. ISO 9500000 Technical Committee on Quality Management (ISO/TC 176) Meeting. Edmonton, Alberta

Extension and Outreach Presentations, Activities

Boys, K.A. “Local Food Systems: Exploring Economic Impacts and Limits to Market Expansion”. NC State Economist. October 2016.

Boys, K.A. “Packaging and Labelling for Consumer Impact and Compliance”, Panel presentation to the 2016 Piedmont Grown Annual Conference, Raleigh, NC. March 10, 2016.

Boys, K.A. “An Introduction to Agricultural Economics”, Presentation to the 2015 Center for Environmental Farming Systems Intern Training, Goldsboro, NC. June 18, 2015.

Boys, K.A. “Introduction to Basic Business Planning & Risk Management”, Presentation to NC Local Food Systems for Extension Agents Course, Winston-Salem, NC. March 25, 2015.

Panel Discussion Participant: “Making the Case for the Economics (and Triple Bottom Line) of Local Foods”, Presentation to NC Local Food Systems for Extension Agents Course, Winston-Salem, NC. March 25, 2015.

Boys, K. “Fostering Afghanistan’s Agribusiness Sector Development”. South Carolina National Guard AgriBusiness Development Team Training. Hosted by Clemson University – Public Service and Agriculture. Presented: August 2012, January 2012, September 2009.

Boys, K. 2010. Service-Learning As A Springboard to Research Grants and Publications – Invited Discussant. Clemson University – Office of Teaching Effectiveness and Innovation. Clemson, SC, November.

Lamie, R.D.*, E. Barham*, and K.A. Boys. 2010. Feasibility Assessment of Developing and Maintaining an eXtension Community of Practice to Support the American Origin Products Initiative; USDA and Industry Working Group for American Origin Products; USDA-AMS; Washington, DC. 23 September, 2010.

Boys, K. 2003. Engaging and Motivating Student Leaders – Invited Discussant. Annual conference of Student Leaders Interacting and Collaborating. Guelph, ON, June.

Boys, K. Financial Management in Post-Secondary Student Organizations – Invited Presenter. 1996. Annual conference of Student Leaders Interacting and Collaborating, Guelph, ON, June.

Other Research Publications and Symposium Contributions

Caffarelli, P., G. Ferreira, G. Groover and K. Boys. “Off-Farm Grain Stocks and Capacity in Virginia.” Virginia Tech - Farm Business Management Update, February 2014. Available online at: <http://news.cals.vt.edu/fbm-update/2014/02/05/off-farm-grain-stocks-and-capacity-in-virginia/>

Caffarelli, P., G. Ferreira, G. Groover and K. Boys. “Virginia’s Grain “Imports” by Rail: A Summary.” Virginia Tech - Farm Business Management Update, August 2013. Available online at: <http://news.cals.vt.edu/fbm-update/2013/08/07/virginias-grain-imports-by-rail-a-summary/>

Caffarelli, P., G. Ferreira, G. Groover and K. Boys. “An Introductory Look at Rail and Commercial Grain Facilities in Virginia” Virginia Tech - Farm Business Management Update, June 2013. Available online at: <http://news.cals.vt.edu/fbm-update/2013/06/10/figuratively-speaking/>

Schinckel, A., P. Preckel, B. Richert, K. Foster, N. Li, K. Boys, J. Hubbs, and D. Canchi, “Pork Production Systems Analyses, Current Status and Future Potential,” Proceedings of PIC International Thinking Forward Symposium, p. 56, Nashville, TN. May 2008.

AWARDS, FELLOWSHIPS & HONORS (SELECTED)

- 2018 Highly Commended Paper Award for 2017, *International Journal of Agribusiness in Developing and Emerging Economies* (with A. Wilcock)
- 2015 Highly Commended Paper Award for 2014, *International Journal of Quality and Reliability Management* (with A. Wilcock)
- 2014 Distinguished Policy Contribution Award for 2012 - European Association of Agricultural Economics (EAAE; with J. Grant)
- 2014 Outstanding Faculty Member for 2013-2014; Awarded by the Virginia Tech Agricultural Economics Club
- 2013 Honorable Mention for Outstanding American Journal of Agricultural Economics Article Award (with J. Grant).
- 2012-2013 New Faculty/Early Career Teaching Certificate Program, Virginia Tech (Selective Admission)
- 2012 AAEA, Sylvia Lane Mentor Fellowship

2010-2011 Clemson University Service Alliance Faculty Fellow
 2010 Applied Economics and Agribusiness Association Faculty Award (Awarded by
 Clemson Student Group)
 2009 Outstanding Doctoral Dissertation (2008), Department of Agricultural
 Economics, Purdue University
 2006 Yale-ICRISAT USAID Linkage Internship Program
 2006 Bisland Dissertation Fellowship, Purdue University
 2006 Gamma Sigma Delta, Honor Society

SPONSORED RESEARCH

Funded

Product Liability and Product Contamination Insurance: Improving Food Safety, Ensuring Market Access, and Boosting Profitability for Specialty Crop Producers. Principal Investigator. USDA-NIFA. \$499,079. 04/15/2018-10/14/2022.

Connecting NC Agriculture and Healthcare: A Nutrition Education Fruit and Vegetable Prescription Program to Support Healthier Diets and Local Farmer. Stage II Inter-Institutional Planning Grant (IPG), UNC General Administration. Project Lead, UNC; NCSU is a collaborating institution. \$72,500 (NCSU subcontract \$15,996). Collaborator. 09/2017-09/2019.

A Supply Chain Approach to Finding Win-Win Sustainable Solutions for Edible but Unharvested Produce. Southern Sustainable Agriculture Research and Education (S-SARE). \$219,971 Co-PI 04/01/2017-03/31/2019

Persistence of *Salmonella enterica* and *Listeria monocytogenes* in Agricultural Soils: Focus on Bio-Mitigation Strategies to Expedite Replanting of Leafy Greens and Melons. Co-Investigator. USDA-NIFA \$115,702.01. 01/01/2016-12/31-2018.

Southern Training, Education, Extension, Outreach and Technical Assistance Center to Enhance Produce Safety. Co-Investigator. USDA-NIFA \$65,770. 09/15/2015-09/04/2018.

Contemporary Organic Policy: Implications for Food and Ingredient Markets and Trade. USDA NIFA-AFRI – Agriculture and Rural Communities: Markets and Trade. Co-PI with N. Hooker. \$494,547. 1/1/2015-2/13/2019.

An Evaluation of Firm and Contract Characteristics Valued By Supply Chain Partners in Specialty Crops Marketing Channels. USDA AMS FSMIP. Principal Investigator. \$39,581. 09/30/2013-8/31/2016.

Firm Penalties for Foodborne Illness Events: Revisiting Jury Decisions in Personal Injury Lawsuits. USDA ERS Food Economics Division, Co-Op Proposal. Principal Investigator with M. Ollinger and L. Geyer. \$25,000. 09/01/2013-8/31/2016

The Market for Food Safety Audits and the Safety of Imported Food Products. USDA ERS Food Economics Division, Co-Op Proposal. J. Caswell (PI) and S. Hoffman. \$25,000. 10/01/2013-12/31/2015.

“Creating a Culture of Conservation from Farm-to-Table for Water Quality”, Valley Conservation Authority. Co-Investigator; Lead by E. Bendfeldt. \$35,470 (\$18,493), 04/01/2013 to 03/01/2014

Virginia Tech Integrated Internal Competitive Grants Program, “Shaping Virginia’s Agribusiness Education, Research, and Extension Programs: A Direct Needs Assessment of Agricultural Sector Stakeholders.” Co-Investigator, with G. Groover, G. Ferreira, and K. Morgan. \$18,269, 5/01/2013 to 4/31/2014.

“Growing the Future of Local Feedstock Production & Utilization for Smithfield Foods”, Sub-contract from Virginia Tech Dept. of Crop and Soil Environmental Sciences. Co-Investigator, \$135,000 (\$20,250) 5/14/2012 to 3/31/2017.

“Building Capacity to Control Viral Food-borne Disease: A Transitional, Multi-Disciplinary Approach”, USDA NIFA AFRI Food Safety Coordinated Agriculture Project (CAP): A Focus on Noroviruses; Sub-contract from North Carolina State University, Co-Investigator, \$2,433,746 (\$375,742) 7/1/2011 to 6/30/2016.

“Traceability in Specialty Crop Production and Supply Chains: Distilling a Research and Extension Agenda,” Southern Region - Sustainable Agricultural Research and Education (SARE) - Planning Grant. Principal Investigator, \$33,000. 7/1/2010 to 12/30/2012.

“Barnwell County: Agribusiness Strategic Plan with an Emphasis on Industrial Park Development sponsored by Lower Savannah Council of Governments, Co-Investigator, \$74,170 (14,835), 5/15/2011 to 9/30/2011.

“Bridging Specialty Crop Producers and Institutional Food Purchasers: Distilling a Research and Extension Agenda in Support of Local Food Systems in the Southeast,” US Department of Agriculture – Specialty Crops Research Initiative (SCRI) - Planning Grant, Principal Investigator, \$48,947, (2009-2011).

“South Carolina Agribusiness Development Team for Afghanistan Training,” South Carolina National Guard. Co-Investigator, \$48,000, (\$3,700). August 17th-September 30, 2009.

OTHER SPONSORED ACTIVITY

Professional Experience Program (PEP)

- NCSU Provost funding to support undergraduate student research; (\$4000-\$6000/academic year; 2016/17-2018/19)

Travel and Insurance Grant, Clemson University Service Alliance, \$600 (Spring 2011)

Citizens and Scholars Mini-Grant, Clemson University Service Alliance, \$3,489 (Fall 2009).

SPECIALIZED TRAINING & PROFESSIONAL DEVELOPMENT

- 2018 - Agricultural Leadership Learning Institute (ALLI), Faculty Program (*Ongoing*)
- 2018 - Certificate of Reflective Teaching, North Carolina State University (*Ongoing*)
- 2017 Food Safety Modernization Act – Foreign Supplier Verification
- 2012-2013 Teaching Certificate Program: New Faculty/Early Career Teaching Certificate, Virginia Tech
- 2006 Intensive Course: ‘International Trade and Economic Development: Exploring the Linkages’; University of Copenhagen, Department of Economics
- 2002 Intensive Course: ‘Environmental Labeling: Understanding the Requirements of ISO 14021; Canadian Standards Association

PROFESSIONAL SERVICE

Grant Review Service:

- USDA AMS Local Food Promotion Program. Panel Member. 2018.
- USDA NIFA, Organic Agriculture Research and Extension Initiative (OREI). Panel Member. 2015.
- USDA NIFA Small Business Innovation Research Program – Small and Mid-Size Farms, ad hoc reviewer
- NSF Doctoral Dissertation Research Awards, ad hoc reviewer
- NBER – NSF Economics Program, ad hoc reviewer

Editorial Service:

- Member: Editorial Board – Journal of Food Products Marketing. 2017-
- Member: Editorial Review Board – Choices Magazine. 2015-
- Co-Editor: Australian Journal of Agricultural Economics, Special Issue on Food Fraud. 2017-
 - Anticipated Publication, Feb. 2019
- Co-Editor: Choices, Theme Issue on Food Waste, 2017 –
 - Anticipated Publication, March 2019

Agricultural and Applied Economics Association (AAEA):

- Food Safety and Nutrition Section, Member at Large, 2018-2020
- Topic Co-Leader for Selected Paper submissions for the Food and Agricultural Marketing Section, 2018 -2020
- Topic Co-Leader for Selected Paper submissions for the AAEA International Trade section: 2013, 2014
- Reviewer for Selected Paper abstract submissions for the AAEA Annual meeting for the following sections:
 - Teaching, Learning, and Communications Section – 2009
 - International Section – 2010, 2011
 - Food and Agricultural Policy Analysis – 2015, 2016, 2017
 - Food and Agricultural Marketing Section – 2016, 2017, 2018
 - Applied Economics and Management - 2018

Professional Groups:

USDA CSREES NC-1030- Family Firms and Policy Research Working Group (2009-2015); Secretary, 2014-2015.

USDA CSREES S1050/S1067 – Specialty Crops and Food Systems: Exploring Markets, Supply Chains and Policy Dimensions (2015-

Service to College:

Member: NC State University, College of Agriculture and Life Sciences, Innovation and Efficiency Committee, January – July, 2015.

Service to Academic Department:

NCSU ARE: Economics Graduate Program Curricula Committee, 2015 –

NCSU ARE: Search Committees – Department Head (2016), Assistant Professor (2018)

NCSU ARE: Department Nomination for the Kenneth R. Keller Award Committee, 2014

NCSU ARE: Ad Hoc reviewer of several ARE Extension Briefs

Virginia Tech AAEC: Undergraduate Curricula Committee, 2013-2014

Clemson University, Applied Economics and Statistics: Program Marketing Committee,

Peer Review Service – Journal Articles:

Agricultural and Resource Economics Review; Agribusiness; Agricultural Economics; American Journal of Agricultural Economics; Annals of Operations Research; Appetite; Applied Economic Perspectives and Policy; British Food Journal; Canadian Journal of Agricultural Economics; Choices; Environment, Development and Sustainability; Food Policy; International Food and Agribusiness Management Review; International Journal of Postharvest Technology; International Journal of Quality and Reliability Management, Journal of Agricultural and Applied Economics, Journal of Benefit-Cost Analysis; Journal of Family and Economic Issues; Journal of Food Distribution Research; Journal of Food Products Marketing; NARDeP Case Study Series; Renewable Agriculture and Food Systems; Sage Open; Supply Chain Management (Int'l)

Review Service – Other:

USDA Economic Information Bulletin (EIB-194): “Before Implementation of the Food Safety Modernization Act’s Produce Rule: A Survey of U.S. Produce Growers. 2018.

USDA Administrative Publication (AP-068): “Trends in U.S. Local and Regional Food Systems: Report to Congress”. 2014

Kotler, P. and G. Armstrong. Principals of Marketing – 16th edition. Prentice Hall. Review of updated textbook, 2014

Barnard, F.L, J.T. Akridge, F. Dooley, J.C. Foltz. Agribusiness Management – 5th edition. Routledge. Review of book proposal. 2014

Other Service Activities:

Ad Hoc Reviewer for publications from Virginia Cooperative Extension, and NCSU’s Center for Environmental Farming Systems

INTERNATIONAL EXPERIENCE

Have conducted research and/or lead programs on the ground in the following countries: Senegal, India, Vietnam, Russia, Costa Rica

PERSONAL INFORMATION

Citizenship: Canadian

US Permanent Resident

Languages: English - Advanced; French – Intermediate