

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)

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

PUBLICATIONS

*Unless otherwise noted, the sequence of authors reflects the relative author contributions to the study. Throughout Section: * denotes MS student co-author; ** denotes PhD student co-author*

Peer Reviewed Journal Publications

1. D.B. Willis, D.W. Hughes, **K.A. Boys**, D. Swindall*. 2020. Economic Growth through Entrepreneurship: Determinants of Self-Employed Income Across Regional Economies. *Papers in Regional Science*. 99(1):73-95. <https://doi.org/10.1111/pirs.12482>
2. C. Xie, J.H. Grant, **K.A. Boys**. 2019. Towards a More Efficient Tariff Rate Quota Regime: Evidence from Chinese Firm-Level Grain Imports. *Canadian Journal of Agricultural Economics*. 67(4):397-416. <https://doi.org/10.1111/cjag.12213>
3. M. Ehmke, A. Bonanno, **K.A. Boys**, , T. Smith. 2019. Food Fraud: Economic Insights into the Dark Side of Incentives. *Australian Journal of Agricultural Economics*. 63(4):685-700. <https://doi.org/10.1111/1467-8489.12346>
Note: Second authorship is shared among all Bonanno, Boys, Smith.
4. M. Barrowclough**, **K.A. Boys**, and C. Carpio. 2019. Benefits, Challenges, and Tradeoffs: An Evaluation of Buyer and Contract Characteristics Valued by Small Farm Suppliers to Wholesale

- Marketing Channels. *Journal of Agricultural and Resource Economics*. 44(3): 603-621. [doi: 10.22004/ag.econ.292334](https://doi.org/10.22004/ag.econ.292334)
5. S. Haque**, K. Foster, R. Keeney, **K.A. Boys**, and B.N. Gopalakrishnan. 2019. Output and Bias Effects of U.S. Direct Payments. *Agricultural Economics*. 50(2):229-236. <https://doi.org/10.1111/agec.12479>
 6. A. Sharma**, **K.A. Boys**, and J. Grant. 2019. The Bright Side of the Generalized System of (Trade) Preferences: Lessons from Agricultural Trade. *Journal of Agricultural and Resource Economics*. 44(1):32-61. <https://ageconsearch.umn.edu/record/281312>
 7. R.D. Dunning, L.K. Johnson, and **K.A. Boys**. 2019. Putting Dollars to Waste: Estimating the Value of On-Farm Food Loss. *Choices*. 34(1). https://ageconsearch.umn.edu/record/283536/files/cmsarticle_671.pdf
 8. **K.A. Boys** and A.M Fraser. 2019. Linking Small Fruit and Vegetable Farmers with Institutional Foodservice Operations: Marketing Challenges and Considerations. *Renewable Agriculture and Foodsystems*. 34(3):226-238. <https://doi.org/10.1017/S1742170518000030>
 9. **K.A. Boys**, K. DuBreuil*, 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>
 10. A. Wilcock 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
 11. 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>
 12. P. Caffarelli*, 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>
 13. **K.A. Boys**, 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>
 14. M. Espey 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.2015.15>

15. D. Hughes 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.
<https://ageconsearch.umn.edu/record/199293>
16. D. Hughes, 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.
<https://ageconsearch.umn.edu/record/190896>
17. **K.A. Boys**, 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
18. **K.A. Boys**, 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>
19. A. Wilcock and **K.A. Boys**. 2014. Reduce Product Counterfeiting: An Integrated Approach. *Business Horizons*. 57(2): 279-288. <https://doi.org/10.1016/j.bushor.2013.12.001>
20. **K.A. Boys** 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>
21. **K.A. Boys**. 2013. “Food Product Liability Insurance: Implications for the Marketing of Specialty Crops,” *Choices*. 28(4): 1-5. <https://ageconsearch.umn.edu/record/161457>
22. J.H. Grant 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) <https://doi.org/10.1093/ajae/aar087>
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:*
 - European Agricultural Economics Association, Distinguished Policy Contribution Award for 2012
 - Agricultural and Applied Economics Association, Honorable Mention, Outstanding AJAE Article Award for 2012
23. J.H. Grant, and **K.A. Boys**. 2011. “On the Road to Doha: How the WTO has Liberalized Agricultural Trade,” *Foreign Policy (The Global Magazine of News and Ideas)*, (April) 01-08.
<https://foreignpolicy.com/2011/04/18/on-the-road-to-doha/>
24. B. Moussa, 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

25. **K.A. Boys**, 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.
<https://doi.org/10.1111/j.1467-8276.2007.00960.x>

26. **K.A. Boys**, 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. <https://doi.org/10.1111/j.1574-0862.2007.00213.x>

Articles highlighting results from this publication:

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

27. A. Wilcock, 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>

28. **K.A. Boys**, A. Wilcock, S. Karapetrovic, and M. Aung. 2005. “Evolution towards excellence: Use of Business Excellence Programs by Canadian organizations.” *Measuring Business Excellence*. 9(4): 4-15. <https://doi.org/10.1108/13683040510634790>

29. **K.A. Boys**, S. Karapetrovic, A. Wilcock. 2004. “Is ISO 9004 a Path to Business Excellence? Opinions of Canadian standards experts.” *International Journal of Quality and Reliability Management* 21(8): 841-860. <https://doi.org/10.1108/02656710410551737>

Book Chapters

1. X. Wang, **K.A. Boys**, and N.H. Hooker. 2019. 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*. Woodhead Publishing. <https://www.elsevier.com/books/case-studies-in-food-retailing-and-distribution/cavicchi/978-0-08-102037-1>

2. **K.A. Boys** 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

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

2. D.W. Hughes, 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.

3. D.W. Hughes, 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.
4. **K.A. Boys**, 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).

Conference Proceedings

1. B. Kanieski da Silva**, **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.
2. **K.A. Boys** 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.
3. A.P. Schinckel, P. V. Preckel, B. Richert, K. Foster, L. Ning, **K.A. Boys**, J. T. Hubbs, and D. Canchi. 2008. “Pork Production Systems Analyses, Current Status - Future Potential,” in proceedings of the PIC International Thinking Forward Symposium. Nashville TN. May 5-6, 2008, pp. 56.
4. J. Lowenberg-DeBoer, J. Fulton, M. Faye, **K.A. Boys** and M. Bokar. 2005. Impact of CRSP Cowpea Storage Technologies. *Proceedings of the Bean/Cowpea CRSP All Researchers Meeting*, Dakar Senegal. September.
5. 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.
6. 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 and Invited External Presentations

([†]Presenting Author; * MS student co-author; ** PhD student co-author)

1. Hooker, N. and **Boys, K.A.**[†] Consumer Understanding of Organic Content and Complementarities with related Food Claims. Presented at the Food Distribution Research Society

- Annual Conference, Seattle, WA, October 18-22, 2019.
2. **Boys, K.A.**[†] and D. Lee.^{**} Market Incentives for Safe Foods: The effect of food recalls on food industry stock prices. Presented at the Food Safety Consortium Conference, Schaumburg, IL, October 1-3, 2019.
 3. **Boys, K.A.**[†] and R. Dunning. 2019. Putting Dollars to Waste: Estimating the Value of On-Farm Food Loss. Organized Symposium on “Food waste and loss: Global perspectives and local Challenges.” Presented at the 2019 AAEA Annual Meeting, Atlanta, GA, July 21-23, 2019.
 4. Anders, S.[†] and **K.A. Boys**. 2019. A Review of FDA Import Refusals – US Seafood Trade in the Face of Food Safety Threats. Track session on “The Economics of Food Safety along supply chains.” Presented at the 2019 AAEA Annual Meeting, Atlanta, GA, July 21-23, 2019.
 5. Knollenberg, W., C. Gil Arroyo, **K.A. Boys**[†] and C. Barbieri. The Impact of Social Capital on Craft Beverage Tourism. 2019. Presented at the 2019 AAEA Annual Meeting, Atlanta, GA, July 21-23, 2019.
 6. Fraser, A.[†], **K.A. Boys**. 2019. Perceived Benefits and Barriers to Implementation of a Traceability System in School Foodservice Establishments in North Carolina, South Carolina, and Georgia. Presented at the 2019 AAEA Annual Meeting of the International Association for Food Protection, Louisville, KY, July 21-24, 2019.
 7. Fraser, A.[†], **K.A. Boys**. 2019. Determining the Perceived Cost of Implementing a Vomit Clean-Up Plan. Presented at the 2019 AAEA Annual Meeting of the International Association for Food Protection, Louisville, KY, July 21-24, 2019.
 8. 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.
 9. **K.A. Boys**[†]. 2018. Food Fraud and International Trade. Presentation to the 2018 AAEA Annual Meeting, Washington, DC, August 5-7, 2018.
 10. 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.
 11. 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, Portland, OR, July 37-30, 2018.
 12. Grant, G. and **K.A. Boys**[†]. 2018. The Road Not Taken: Agricultural Trade without the GATT/WTO. ASSA Annual Meeting, January 5-7, 2018.
 13. Dunning, R.[†], L. Johnson, **K.A. 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.
 14. Wang, X., N. Hooker[†], **K.A. Boys**[†]. 2017. It’s OK – It’s Organic! Hedonic Analysis of Snacks. Presentation to the 2017 AAEA Annual Meeting, Chicago, July 30-August 1, 2017.
 15. 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.
 16. **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.
17. 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.
 18. Kanieski, B.,†** **K.A. Boys**, and F.W. Cubbage. “Forest Stewardship Standards: Voluntary Governance as a Trade Facilitation Strategy? Presented at:
 - a. The 2016 Meeting of the International Society of Forest Resource Economists (ISFRE), Raleigh, NC, April 3-5.
 - b. The 2016 AAEA Annual Meeting, Boston, MA, July 31-August 2.
 19. 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.
 20. 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.
 21. **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.
 22. Kandilov, I.†, and **K.A. Boys**. “The Determinants of Chinese Outward Direct Investment in the Agrifood Industry. Presentations to:
 - a. Annual Meeting of the International Agricultural Trade Research Consortium (IATRC), Clearwater, FL, December 13-15, 2015.
 - b. USDA-ERS, Markets & Trade Division, October 29, 2015.
 23. **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.
 24. Grant, J†. and **K.A. 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.
 25. **Boys, K.A.**†, 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.
 26. **Boys, K.A.**†, 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.
 27. Sharma, A. †**, Grant, J. and **K.A. 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.
 28. Barrowclough, M. †**, **K.A. 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.

29. Mahdu, O. †*, **K.A. 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.
30. 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.
31. **Boys, K.A.** † 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.
32. **Boys, K.A.** †, 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.
33. Hughes, D.W. †, H. Crissy, and **K.A. 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.
34. Caswell, J. † and **K.A. 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.
35. **Boys, K.A.** † 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.
36. **Boys, K.A.** † 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. 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.
42. **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.

43. **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.
44. 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.
45. **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.
46. 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.
47. **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, Pittsburgh, Pennsylvania. July 24-26, 2011.
48. 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, Pittsburgh, Pennsylvania. July 24-26, 2011.
49. 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.
50. **Boys, K.A.** and A. Wilcock [†], The Future of ISO 9001: An Overview of Canadian Data, CAC/ISO TC176, Vancouver, B.C., June 2011.
51. 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.
52. 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.
53. 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).
54. 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).
55. **Boys, K.A.**[†] and J.H. Grant. "ISO 14000 Standards: Voluntary Environmental Governance as a Trade Facilitation Strategy?", 2010 Agricultural & Applied Economics Association (AAEA) Annual Meeting, Denver, CO, (July 2010).
56. Grant, J.H.[†] and **K.A. Boys**. "Agricultural Trade and the GATT/WTO: Does Membership Make a Difference?" Presentations to:

- a. 2009 International Agricultural Trade Research Consortium (IATRAC) Annual Meeting, Ft. Myers, FL, (December 2009).
 - b. 2009 American Agricultural Economics Association (AAEA) Annual Meeting, Milwaukee, WI, (July 2009).
57. **Boys, K.A.**[†] and J.H. Grant. “ISO 9000 Standards: Implicit Barrier or Trade Facilitation Strategy” Presentations to:
- a. 2009 American Agricultural Economics Association (AAEA) Annual Meeting, Milwaukee, WI, (July 2009).
 - b. 2009 Canadian Agricultural Economics Society-Canadian Economics Association (CAES-CEA) Joint Annual Meeting, Toronto, Canada, (May 2009)
58. P. Abbott[†], **K.A. 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).
59. **Boys, K.A.** 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:
- a. Tenth Annual Conference on Global Economic Analysis; West Lafayette, IN, June 2007
 - b. American Agricultural Economics Association Annual Meeting; Portland, OR, July 2007
 - c. International Colloquium for Meta-Analysis in Economics; Sønderborg, Denmark, Sept 2007
60. **Boys, K.A.**[†], 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.
61. **Boys, K.A.**[†], 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.
62. **Boys, K.A.**, 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.

CONTRACTS AND GRANTS

Funding Source	Total		Total since transferring to NCSU (2014)	
	Submissions (N)	Value	Submissions (N)	Value
Total Extramural Funding	19	\$4,663,321	8	\$1,747,138
Of this, total Extramural Funding as Co-PI	19	\$3,549,559	8	\$798,173
Of this, total Extramural Funding as PI	8	\$803,785	3	\$657,257
Total Internal Funding	2	\$28,255	1	\$9,986
Total of submitted but not-funded proposals since transferring to NCSU	-	-	17	\$22,457,112

Externally Funded Proposals (Total = \$4,663,321; \$1,747,138 since transferring to NCSU in 2014)

NCSU Radar Project ID or Year-University ^a	Title	Investigators	PI Department if NCSU	Sponsor	Amount	Dates
2019-3164	Safer foods through public scrutiny: The impact of media and legal attention on meat and poultry	Boys, K.(PI), Ollinger, M.	Agriculture and Resource Economics	USDA – Economic Research Service	\$27,500	07/2019 - 06/2021
2019-0371	Examining Impacts of North Carolina’s Statewide Healthy Food Small Retailer Policy on Diet-Related Outcomes in Rural Food Deserts	Haynes-Maslow, L. (PI) Boys, K.A.	Agricultural & Human Sciences	UNC – East Carolina University (Prime--Robert Wood Johnson Foundation)	\$250,000 (\$14,796 sub-contract amount)	12/2018 - 12/2019
2018-0273	Product Liability and Product Contamination Insurance: Improving Food Safety, Ensuring Market Access, and Boosting Profitability for Specialty Crops Producers	Boys, K.A. (PI) Goodwin,B. Dunning,R.D.	Agricultural & Resource Economics	US Dept. of Agriculture (USDA) National Institute of Food and Agriculture	\$499,079	04/2018 - 10/2022
2017-NCSU	Connecting NC Agriculture and Healthcare: A Nutrition Education Fruit and Vegetable Prescription Program to Support Healthier Diets and Local Farmers ^b	Haynes-Maslow, L. (PI); Boys, K.A.; Creamer, N.; Dunning, R.	Agricultural & Human Sciences	UNC Inter-institutional Planning Grant (IPG) Prime: UNC-Chapel Hill	\$72,500 (\$15,996 sub-contract amount)	09/2017 - 09/2019
2017-1365	A Supply Chain Approach to Finding Win-Win Sustainable Solutions for Edible but Unharvested Produce	Dunning, R. (PI); Creamer, N.; Boyette, M.; Boys, K.A. et al.	Center for Environmental Farming Sys (CEFS)	University of Georgia (Southern-SARE; Prime-USDA - NIFA)	\$219,971	04/2017 - 03/2019
2015-2476	Persistence of <i>Salmonella Enterica</i> and <i>Listeria Monocytogenes</i> in Agricultural Soils: Focus on Bio-Mitigation Strategies to Expedite Replanting of Leafy Greens and Melons	Gutierrez-Rodriguez, E. (PI) Gunter, C.; Thakur, S.; Boys, KA.	Food, Bioprocessing and Nutrition Sciences	US Dept. of Agriculture (USDA) - National Institute of Food and Agriculture	\$115,702	01/2016 - 12/2017
2015-3240	Southern Training, Education, Extension, Outreach, and Technical Assistance Center to Enhance Produce Safety	Gutierrez-Rodriguez,E. (PI); Chapman, B.; et al.	Food, Bioprocessing and Nutrition Sciences	University of Florida (Prime--USDA - NIFA)	\$65,770	09/2015 - 08/2018
2014-2523	Contemporary Organic Policy: Implications for	Boys, K.A. (PI)	Agricultural & Resource	Ohio State University	\$496,616 (\$130,678)	02/2015 -

NCSU Radar Project ID or Year-University ^a	Title	Investigators	PI Department if NCSU	Sponsor	Amount	Dates
	Food and Ingredient Markets and Trade ^b		Economics	(Prime--USDA) - NIFA)	sub-contract)	02/2019
2013 – Virginia Tech	The Market for Food Safety Audits and the Safety of Imported Food Products	Caswell, J. (PI) Boys, K. Hoffman, S		USDA ERS - Food Economics Division	\$25,000	10/2013 - 12/2015
2013- Virginia Tech	An Evaluation of Firm and Contract Characteristics Valued By Supply Chain Partners in Specialty Crops Marketing Channels	Boys, K.A. (PI)		USDA AMS Federal State Marketing Improvement Program (FSMIP)	\$39,581	09/2013 - 11/2017
2013 – Virginia Tech	Creating a Culture of Conservation from Farm-to-Table for Water Quality	Bendfeldt, E. (PI) Boys, K.A.,		Valley Conservation Authority	\$35,470	04/2013 - 03/2014
2013 – Virginia Tech	Firm Penalties for Foodborne Illness Events: Revisiting Jury Decisions in Personal Injury Lawsuits ^c	Boys, K.A. (PI) Guyer, L., Ollinger, M.		USDA - Economic Research Service	\$25,000	1/2013 - 9/2016
2012- Virginia Tech	Growing the Future of Local Feedstock Production & Utilization for Smithfield Foods	Groover, G., (PI) Ferreira, G., Boys, K.A.		Virginia Tech Dept. of Crop and Soil Environmental Sciences (Prime—Smithfield Foods)	\$135,000 (\$20,250)	05/2012 - 03/2017
2011 – Clemson University	Building Capacity to Control Viral Food-borne Disease: A Transitional, Multi-Disciplinary Approach.	Fraser, A.M. (PI); Jiang, X.; Boys, K.A.		NCSU (Prime--USDA NIFA CAP – Food Safety: A Focus on Noroviruses	\$2,433,746 (sub-contract amount).	7/11 - 9/17
2011 – Clemson University	Barnwell County: Agribusiness Strategic Plan with an Emphasis on Industrial Park Development	Hughes, D. (PI); Swindall, D.; Isengildina-Massa, O; Boys, K.A; et al.		Lower Savannah Council of Governments	\$74,170	05/2011 - 09/2011

NCSU Radar Project ID or Year-University ^a	Title	Investigators	PI Department if NCSU	Sponsor	Amount	Dates
2010 – Clemson University	Traceability in Specialty Crop Production and Supply Chains: Distilling a Research and Extension Agenda	Boys, K.A. (PI); Kunkle, B.		Southern Region – Sustainable Agricultural Research and Education (SARE)	\$33,000	07/2010 - 12/2012
2009 – Clemson University	South Carolina Agribusiness Development Team for Afghanistan Training	Hughes, D. (PI) Robinson, K. Boys, K.A.		South Carolina National Guard	\$48,000	08/2009 - 09/2009
2009 – Clemson University	Bridging Specialty Crop Producers and Institutional Food Purchasers: Distilling a Research and Extension Agenda in Support of Local Food Systems in the Southeast	Boys, K.A. (PI); Isengildina-Massa, O.; Lamie, D.; Whiteside, W. Robinson, K.; Zhender, G. et al.		USDA Specialty Crops Research Initiative (SCRI)	\$48,947	2009 - 2011
					Total at NCSU	Total
Total Extramural Funding^d					1,747,138	\$4,663,321
Among this, total extramural Funding as lead PI					\$657,257	\$803,785
Among this, total extramural funding as Co-PI^e					\$798,173	\$3,549,559
<i>Notes:</i>						
^a Year and University information provided for grants obtained prior to transfer to NCSU ^a						
^b As this project is funded through the (UNC-System), this grant does not appear in RADAR.						
^c Grant is in PINS but does not appear in RADAR. Project was awarded and largely completed while I was at VTech; some funds transferred to NCSU.						
^d Total includes the subcontract amount (\$2.4 million) rather than the total value (\$25 million) of a NIFA Food Safety CAP grant.						
^e In cases where the grant is a sub-award, this value is estimated using only the value of the sub-award rather than the full value of the grant.						

Internal University Funding

Year-Institution	Title	Investigators	PI Department	Sponsor	Dates	Amount
2018-NCSU	Modeling the Craft-Beverage Tourism Product in Wake County: Lessons for replication throughout North Carolina	Knollenberg, W. (PI); Barbieri, C.; Boys, K.A.	Parks, Recreation, and Tourism Management	NCSU Outreach and Engagement Incentive Grant Program	02/2018 - 05/2019	\$9,986

2013-Virginia Tech	Shaping Virginia's Agribusiness Education, Research, and Extension Programs: A Direct Needs Assessment of Agricultural Sector Stakeholders	Groover, G (PI) Boys, K.A. Ferreira, G Morgan, K		Virginia Tech Integrated Internal Competitive Grants Program	05/01/2013 – 04/31/2014	\$18,269
Total Internal Funding (not in PINS/RADAR system)						\$28,255

TEACHING AND MENTORING OF UNDERGRADUATE AND GRADUATE STUDENTS

COURSES TAUGHT

North Carolina State University

International Economics (ECG 548) – F14, F15, F16, S18, S19, S20 (Scheduled)
U.S. Food Policy (ARE 495/ECG 590) – S18, Sum I 18, Sum I 19
International Agricultural Trade (ARE 448) – S19, S20 (Scheduled)
Agribusiness Marketing (ARE 312) – F14, F15, F16

Virginia Tech

Advanced Agricultural Marketing (AAEC 4514)
Marketing Agricultural Products (AAEC 3504)
Foundations in Agribusiness (AAEC 2434)

Clemson University

Community & Regional Economic Development (PhD Field Course; APEC 832)
Regional Impact Analysis (APEC/CRD 411/611)
The Economics of Agricultural Marketing (APEC 309)
Creative Inquiry: Developing Linkages for a Sustainable Food System (APEC 494/899, FDSC 450)
Creative Inquiry: Marketing Academic Programs (APEC 494)

GRADUATE STUDENT ADVISING AND THESES DIRECTED

	Master's Non-Thesis or Capstone Project ^a		Master's Thesis (M.S. or M.A.)		Ph.D.	
	Completed	In Progress	Completed	In Progress	Completed	In Progress
Major Professor (Chair or Co-Chair)	4 (2)	0	10 (4)	0	3 (1)	4
Committee Member	-	-	6 (1)	2	14 (14)	1

The number in brackets reflect the number of students completed since arriving at NCSU in 2014.

^a This reflects major paper required of non-thesis students in M.S. in Agricultural Economics program at Clemson University, or Capstone Projects required of students in NCSU's Masters of International Studies.

OTHER MENTORING AND ADVISING ACTIVITIES

Undergraduate Academic Advisor

- 2014 – Present. Dept. of Agricultural and Resource Economics, NCSU, 14-18 students each year
- 2009-2011. Dept. of Agriculture & Applied Statistics, Clemson University, 18 students each year

Mentor and work supervisor for undergraduate research assistants

- Provide an opportunity for undergraduate students to gain paid practical research experience in a variety of qualitative and quantitative research techniques
 - 2016-2017: 3 students; 2017-2020 6 students each academic year
- Support for several students was obtained through the Provost's Professional Experience Program (PEP)

Mentor undergraduate student research submissions to undergraduate and graduate students in entering research and paper competitions. Recently this has included students entering the:

- NCSU Undergraduate Research and Creativity Symposium
 - Doha Mendani, "Evaluation of School Wellness Policies: Do South Carolina's School District Wellness Policies Meet Federal Requirements?"
 - Leah Jamison, "Behind the Label of Organic Food", Spring 2018
- Food Distribution Research Society, Undergraduate Paper Competition, Summer 2018
 - Leah Jamison, "The Organic Food Market: Challenges Hidden Behind the Organic Label"
- Graduate Student Extension Competition, Agricultural and Applied Economics Association
 - Katie DuBreil, (MS Agribusiness, Virginia Tech). 2013. "AgCache: Promoting your Agricultural Business Through the Innovative Sport of Geocaching". *Award: 3rd Place.*
- Co-advisor of Virginia Tech's team participating in the The National Agri-Marketing Association's (NAMA) Marketing Competition in Kansas City, Missouri, 2011, 2012.

Host and research advisor for international visiting graduate and undergraduate students:

- PhD student, Amparo Juan, from the Universitat Politècnica de València, PhD Program in Food and Agricultural Economics. September 2016 - March 2017.
- Undergraduate student, Rafaela Pereira, from ESALQ in San Paulo, Brazil. August 2017- February 2018

Other Mentoring Activities:

- NCSU Park Scholar Mentor, Shevani Mehta, 2019 -
- AAEA ASSA Match-Up Program, Rui Chen, 2018

Serve as an external committee member for graduate students from other universities. In some cases this has required (or made administratively easier) by appointment as a faculty member. I hold (held) the following (unpaid) appointments:

2019 - Present	Graduate Faculty, Department of Agricultural Sciences, Clemson University
2014 - Present	Adjunct Faculty, Department of Agricultural and Applied Economics, Virginia Tech
2011	Special Graduate Faculty, Department of Food Science, University of Guelph

EXTENSION AND ENGAGEMENT WITH CONSTITUENCIES OUTSIDE THE UNIVERSITY

Extension and Outreach Publications

Schweizer, H., **K.A. Boys**, and A. Branan. 2019. "Blockchain in the Food Supply Chain." *NC State Economist*. Spring 2019.

<https://cals.ncsu.edu/are-extension/2019/05/31/blockchain-in-the-food-supply-chain/>

K.A. Boys and B.J. Rickard. 2019. Examining Food Loss and Food Waste in the United States. *Choices*. 34(1). http://www.choicesmagazine.org/UserFiles/file/cmsarticle_673.pdf

Boys, K.A. 2016. "Local Food Systems: Exploring Economic Impacts and Limits to Market Expansion." *NC State Economist*, September/October, 2016.

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

Caffarelli, P.*, G. Ferreira, G. Groover and **K.A. Boys**. 2014. "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**. 2013. "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**. 2013. "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/>

Extension Activities and Events Organized

Presentation: **Boys, K.A.** "International Trade of Sorghum", Presentation to the USDA-FAS 2018 Cochran Training Program with Peru, Ecuador, and Venezuela on U.S. Exposure and Utilization. Raleigh, NC, September 28-October 12, 2018.

Presentation: **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.

Presentations: **Boys, K.A.** USDA-FAS Cochran Fellowship Program: Agricultural Policy Kenya and South Africa. Raleigh, NC, October 4-24, 2015. Several presentations over the course of the program:

- Introduction to Agricultural Policy
- Introduction to the Theory and Measurement of International Trade

- Domestic and International Organic Policy
- International Trade – The Mechanisms of Importing and Exporting

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

Presentation: **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.

Organized a one-day conference: “Linking Specialty Crop Producers and Institutional Food Services: Food Safety Concerns and Considerations. Held at Francis Marion University, Florence, SC, on March 17, 2011.

- The focus of this conference was to identify and discuss options to address/respond to changing on-farm food safety regulations and buyer requirements. Local food supply chain stakeholders from NC, SC, and GA attended.

Planned, organized, and facilitated a two-day Conference: “Linking Specialty Crop Producers and Institutional Food Services: Developing a Policy, Extension & Research Agenda.” Held at Clemson University, Clemson SC, February 26-27, 2010.

- The focus of this conference was to identify and discuss options to overcome barriers in the marketing of small-farm products to institutional buyers. Local food supply chain stakeholders from NC, SC, and GA attended, with particularly high interest by small producers, and South Carolina Department of Agriculture, and several NGOs. The meeting was reported on by local media.

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

Presentation: **Boys, K.A.** “Logistic Landmines: Developing a Research & Extension Agenda in Support of Localized Foodsystems” Presented To: "Farm to School and Beyond..." Hosted by the South Carolina Department of Agriculture, April 28, 2011, Columbia, SC.

Presentation: **Boys, K.A.** “The Economics of Selling Produce Into Wholesale Markets.” Presented to:

- GAP/GHP Training Session, Anderson, SC. 16 February 2011.
- Linking Specialty Crop Producers and Institutional Food Services – Food Safety Concerns and Considerations, Florence, SC March 16, 2011

Presentation: **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, 2010.

SERVICE TO THE UNIVERSITY AND PROFESSIONAL SOCIETIES

Service to the University

Service to College (CALs):

- CALS Leadership Advisory Council, 2017-2018
- CALS Innovation and Efficiency Committee, January - July, 2015.

Service to Department:

- NCSU Agriculture and Resource Economics (ARE): Search Committees:
 - Department Head, Search internal to NCSU, 2019
 - Assistant Professor, Economics of Specialty Crop Production, 2018
 - Department Head, External Search, 2016
- NCSU ARE: Economics Graduate Program Curricula Committee, 2015 - 2018
- NCSU ARE: Department Nomination for the Kenneth R. Keller Award Committee, 2014
- NCSU ARE: Ad hoc reviewer of several ARE Extension Briefs (x5)
- Virginia Tech AAEC: Undergraduate Curricula Committee, 2012-2014
- Virginia Tech: Ad hoc reviewer of Virginia Cooperative Extension Publications
- Clemson University AES: Program Marketing Committee, 2009-2011

Service to the Profession

Professional Association - Agricultural and Applied Economics Association (AAEA)

The Agricultural and Applied Economics Association is the most prominent professional association for agricultural and applied economists.

- Food Safety and Nutrition Section, Member at Large (Elected), 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, 2012-2014
- Conference Session Organizer:
 - 2019. Session Title: The Economics of Food Safety along Supply Chains. Co-Organized with Sven Anders.
 - 2011. Session Title: Strategies for Successful Student Recruitment in Applied Economics. Co-Organized with Molly Espey
 - 2011. Session Title: “Agricultural and Resource Economics: Student Perceptions of Choice of Major” Co-Organized with Molly Espey
- Reviewer for Selected Paper abstract submissions for the AAEA Annual meeting for the following sections:
 - International Section - 2010, 2011, 2017, 2018, 2019
 - Food and Agricultural Policy Analysis - 2015, 2016, 2017
 - Food and Agricultural Marketing Section - 2016, 2017, 2018
 - Agribusiness Economics and Management - 2018, 2019
 - Teaching Learning and Communications – 2009

Professional Association - Council on Food, Agricultural & Resource Economics(C-FARE):
C-FARE distills authoritative economic analysis from the agricultural and applied economics profession into information that effectively communicates to its critical audiences. Much of C-FARE's work is focused on education and outreach activities to federal policymakers.

- Planning Committee, 2020 Jon Brandt Public Policy Forum, 2019-

USDA – Economic Research Service:

- Reviewer: USDA, Economic Information Bulletin Number 194 (EIB): “*Before Implementation of the Food Safety Modernization Act’s Produce Rule: A Survey of U.S. Produce Growers*”, 2018.
- Reviewer: USDA Administrative Publication (AP-068): “Trends in U.S. Local and Regional Food Systems”. 2014

Multistate Research 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- Present)

Editorial Board Service:

- Member: Editorial Board – Journal of Food Products Marketing. 2017-
- Member: Editorial Review Board – Choices Magazine. 2015-2019

Special Issue Editor:

- Co-Editor: *Australian Journal of Agricultural Economics*, Special Issue on Food Fraud. 2017-
 - Anticipated Publication, Fall 2019
- Co-Editor: *Choices*, Theme Issue on Food Waste, 2017 - 2019
 - Publication, March 2019
- Co-Editor: *Journal of Food Products Marketing*, Virtual Special Issue on “Organic Food Marketing”. 2017.

Peer Review Service – Journal Articles (n=44 since 2014):

Agricultural and Resource Economics Review; Agribusiness; Agricultural Economics; American Journal of Agricultural Economics; Annals of Operations Research; Appetite; Applied Economic Perspectives and Policy; Australian Journal of Agricultural Economics; 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)

Grant Review Service:

- USDA NIFA Foundational and Applied Science Program - Rural Economic Development. Panel Member. January 2020.
- USDA AMS Local Food Promotion Program (LFPP). Panel Member. 2018.
 - Remote panel meetings: June-July, 2018
- USDA NIFA, Organic Agriculture Research and Extension Initiative (OREI). Panel Member.

- In-person panel meeting: July 6-9, 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

Other Review Service:

- NCSU’s Center for Environmental Farming Systems (CEFS), extension publications, *ad hoc*
- International Initiative for Impact Evaluation (3ie Systematic Review), 2016
- Kotler, P. and G. Armstrong. *Principals of Marketing*. Prentice Hall. Review of 15th, 16th editions.
- Barnard, F.L, J.T. Akridge, F. Dooley, J.C. Foltz. *Agribusiness Management* – 5th edition. Routledge. Review of book proposal, 2014

AWARDS, FELLOWSHIPS & HONORS (SELECTED)

2018	Highly Commended Paper Award for 2017, <i>International Journal of Agribusiness in Developing and Emerging Economies</i> (with A. Wilcock)
2015	Highly Commended Paper Award for 2014, <i>International Journal of Quality and Reliability Management</i> (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 <i>American Journal of Agricultural Economics</i> Article Award (with J. Grant).
2012-2013	New Faculty/Early Career Teaching Certificate Program, Virginia Tech (Selective Admission)
2012	Sylvia Lane Mentor Fellowship, Agricultural and Applied Economics Association
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

SPECIALIZED TRAINING & PROFESSIONAL DEVELOPMENT

2018 -	Certificate of Reflective Teaching, North Carolina State University (<i>Ongoing</i>)
2018	Agricultural Leadership Learning Institute (ALLI), Faculty Program
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

INTERNATIONAL EXPERIENCE

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