

KATHRYN A. BOYS

Address:

Department of Agricultural and Resource Economics
4306 Nelson Hall, Campus Box 8109
Raleigh, NC 27695 USA

Office Phone: 919.515.2490

E-mail: kaboy@ncsu.edu

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

Associate Professor, Department of Agricultural and Resource Economics, North Carolina State University, July 2020 to Present

Department Extension Leader, Department of Agricultural and Resource Economics, North Carolina State University, May 2020 to Present

Assistant Professor, Department of Agricultural and Resource Economics, North Carolina State University, August 2014 to June 2020

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 August 2008 to July 2011 (Instructor from August to December 2008)

Other (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

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

- Boys, K.A.**, S. Zhang, ** N. Hooker. 2022. The International Trade of U.S. Organic Agri-Food Products: Export Opportunities, Import Competition, and Policy Impacts. *Renewable Agriculture and Food Systems*. 37(6): 603-617. doi: <https://doi.org/10.1017/S1742170522000163>
- Bloom, D., **K.A. Boys**, R. Shisler, R. Dunning, C. Hundley, D. Yates. 2022. Exploring Models of Local Food Procurement in Farm to Early Care and Education Programs. *Journal of Human Sciences and Extension*. 10(1), 3. <https://doi.org/10.54718/CONI3088>

3. Ehmke, M.D, B. Katare, K. Kiesel, J.S. Bergtold, J.M. Penn, **K.A. Boys**. 2022. U.S. Agricultural University Students' Mental Well-being and Resilience During the First Wave of COVID-19: Discordant expectations and experiences across genders. *Applied Economic Policy and Perspectives*. 44:129-161. <https://doi.org/10.1002/aep.13233>
4. Krzyzanowski Guerra, K.,* **K.A. Boys**. 2022. A new food chain: An introduction and policy implications to blockchain use in agri-food industries. *Applied Economic Perspectives Policy*. 44(1):324-349. <https://doi.org/10.1002/aep.13163>
5. **Boys KA**, Haynes-Maslow L, McGuirt JT, Ammerman AS, Van Fleet EE, Johnson NS, Kelley CJ, Edwards V, Fleischhacker SE, Truesdale KP, Bell RA, Jilcott Pitts SB. 2021. Perceived barriers and facilitators to participating in the North Carolina Healthy Food Small Retailer Program: A mixed-methods examination considering investment effectiveness. *Public Health Nutr*. 24(18): 6555-6565. [doi: 10.1017/S1368980021003955](https://doi.org/10.1017/S1368980021003955).
6. Haynes-Maslow, L., S.B. Jilcott Pitts, **K.A. Boys**, J.T. McGuirt, S. Fleishhacker, A.S. Ammerman, N. Johnson, C. Kelley, V.E. Donadio, R.A. Bell, M.N. Laska. 2021. Qualitative perspectives of the North Carolina healthy food small retailer program among customers in participating stores located in food deserts. *BMC Public Health*. 21,1459. <https://doi.org/10.1186/s12889-021-11509-x>
7. Jilcott Pitts, S.B., Q. Wu, K.P. Truesdale, A.P. Rafferty, L. Haynes-Maslow, **K.A. Boys**, J.T. McGuirt, S. Fleischhacker, N. Johnson, A.P. Kaur, R.A. Bell, A.S. Ammerman, M.N. Laska. 2021. A four-year observational study to examine the dietary impact of the North Carolina Healthy Food Small Retailer Program, 2017-2020. *International Journal of Behavioral Nutrition and Physical Activity*. 18:44 <https://doi.org/10.1186/s12966-021-01109-8>
8. W. Knollenberg., C.G. Arroyo, C. Barbieri, and **K.A. Boys**. 2021. Craft Beverage Tourism Development: The contributions of social capital. *Journal of Destination Marketing Management*. 20:100599 <https://doi.org/10.1016/j.jdmm.2021.100599>
9. J.H. Grant, **K.A. Boys**, and C. Xie. 2021. A New President in the White House: Implications for Canadian Agricultural Trade. *Canadian Journal of Agricultural Economics*. 69:45-58. <https://doi.org/10.1111/cjag.12268>
 - Note: Lead authorship shared by Boys and Grant.
10. **K.A. Boys** and A.M. Fraser. 2021. The Gap Between Perception and Reality: Obstacles to Public School Use of Produce from Small Local Farms in the U.S. Southeast. *Health Behavior and Policy Review*. 8(1): 13-27. <https://doi.org/10.14485/HBPR.8.1.2>
11. A. Sharma**, J.H. Grant, **K.A. Boys**. 2021. Truly Preferential Treatment? Reconsidering the Generalized System of (Trade) Preferences with Competing Suppliers. *Journal of Agricultural Economics*. 72(2):500-524. <https://doi.org/10.1111/1477-9552.12414>
12. D. Thilmany, E. Canales, S.A. Low, and **K.A. Boys**. 2020. Local Food Supply Chain Dynamics and Resilience During COVID-19. *Applied Economic Perspectives and Policy*. 43(1): 86-104. <https://doi.org/10.1002/aep.13121>

13. 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>
14. 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>
15. 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.
16. 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)
17. 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>
18. A. Sharma**, **K.A. Boys**, and J.H. 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>
19. 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
20. **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>
21. **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>
22. 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*

23. 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>
24. 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>
25. **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>
26. 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>
27. 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>
28. 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>
29. **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
30. **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>
31. 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>
32. **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>
33. **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>
34. 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

35. 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/>

36. 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

37. **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>

38. **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.

39. 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>

40. **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>

41. **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. S Gimonkar,** E. Van Fleet, and **K.A. Boys**. 2021. “Chapter 13: Dairy Product Fraud.” *IN: Food Fraud: A Global Threat with Public Health & Economic Consequences*. Edited by: S. Hellberg, K. Everstine, and S. Sklare. London, UK: Elsevier.
2. 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>
3. **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. J.H. Grant, C. Xie, **K.A. Boys**. 2022. Firms, Agricultural Imports, and Tariff-Rate Quotas: An Assessment of China’s Wheat, Corn and Rice Imports Using Firm-Level Data. IATRC Commissioned Paper 28. <https://ageconsearch.umn.edu/record/321889>
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. P. Abott, **K. Boys**, F. Tarp, and P.L. Huong. 2008. Trade and Development in Vietnam: Exploring Investment Linkages. MPRA Paper No. 29382. Online at: <https://mpra.ub.uni-muenchen.de/id/eprint/29382>
5. **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. Won, S., B.K. Goodwin, **K.A. Boys**. 2022. Exploring linkages between agri-food sector production and foodborne illness outbreaks. Track session presentation at the 2022 Agricultural & Applied Economics Association Annual Meeting, Anaheim, CA, July 31-August 2, 2022.
2. Won, S., B.K. Goodwin, **K.A. Boys**. 2021. Empirical Modeling of the Risk and Determinants Associated with Food-Related Illnesses. Track session presentation at the 2021 Agricultural & Applied Economics Association Annual Meeting, Austin, TX, August 1 - August 3, 2021. (Virtual).
3. **Boys, K.A.**, L. Haynes-Maslow, J.T. McGuirt, A.S. Ammerman, E.E van Fleet, N.S. Johnson, C.J. Kelley, V. Edwards, S.E. Fleischhacker, K. Parker Truesdale, R.A. Bell, S.B. Jilcott Pitts. 2021. Track session presented at the 2021 Agricultural & Applied Economics Association Annual Meeting, Austin, TX, August 1 – August 3, 2021. (Virtual).
4. **Boys K.A.**, Haynes-Maslow L., McGuirt J.T., Ammerman A.S., Van Fleet E.E., Johnson N.S., Kelley C.J.[†], Donadio V.E., Fleischhacker S.E., Truesdale K.P., Bell R.A., Jilcott Pitts S.B. 2020. Perceived barriers and facilitators to participating in the North Carolina Healthy Food Small Retailer Program: A mixed-methods examination. Poster Presentation at the North Carolina Public Health Association Annual Meeting, October 7-9, 2020 (Virtual).
5. Haynes-Maslow, L.[†], Ammerman, A.S., Neutz, D., Sisler, L., Enyioha, C., **Boys, K.A.**, and Maloy, C. Connecting NC Agriculture and Healthcare: A Nutrition Education Fruit and Vegetable Prescription Like Program to Support Healthier Diets and Local Farmers. American Public Health Association, Annual Meeting, Philadelphia, PA, November 2-6, 2019.
6. 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.
7. **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.
8. Pan, Z., ^{†*} Kraus, H.T., **Boys, K.A.**, and Gunter, C. Nitrogen and Boron Effect Celtnut (*Lactuca sativa L. var. augustana*) Yield and Quality in Hydroponic Production. American Society for Horticultural Science. Las Vegas, NV, July 21-25, 2019.

9. **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.
10. 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.
11. 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.
11. 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.
12. 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.
13. 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.
14. **K.A. Boys**[†]. 2018. Food Fraud and International Trade. Presentation to the 2018 AAEA Annual Meeting, Washington, DC, August 5-7, 2018.
15. 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.
16. 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.
17. Grant, G. and **K.A. Boys**[†]. 2018. The Road Not Taken: Agricultural Trade without the GATT/WTO. ASSA Annual Meeting, January 5-7, 2018.
18. 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.
19. 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.
20. 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.
21. **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.
22. 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.
23. Kanieski, B.,^{†**} **K.A. Boys**, and F.W. Cabbage. “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.
24. 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.
 25. 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.
 26. **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.
 27. 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.
 28. **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.
 29. 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.
 30. **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.
 31. **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.
 32. 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.
 33. 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.
 34. 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.
 35. 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.
 36. **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.
 37. **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.
 38. 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.
39. 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.
 40. **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.
 41. **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.
 42. 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.
 43. 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.
 44. 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.
 45. 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.
 46. 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.
 47. **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.
 48. **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.
 49. 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.
 50. **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.
 51. 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.
 52. **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.
53. 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.
 54. 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.
 55. **Boys, K.A.** and A. Wilcock[†], The Future of ISO 9001: An Overview of Canadian Data, CAC/ISO TC176, Vancouver, B.C., June 2011.
 56. 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.
 57. 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.
 58. 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).
 59. 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).
 60. **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).
 61. 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).
 62. **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)
 63. 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).
 64. **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
 65. **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.
 66. **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.

67. **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

Summary

Funding Source	Total		Total since transferring to NCSU (2014)	
	Submissions (N)	Value	Submissions (N)	Value
Total Extramural Funding	20	\$5,217,607	9	\$2,301,424
Of this, total Extramural Funding as PI	7	\$803,785	3	\$657,257
Of this, total Extramural Funding as Co-PI	13	\$4,395,553	6	\$1,644,167
Total Internal Funding	3	\$48,255	2	\$29,986
Total of submitted but not-funded proposals since transferring to NCSU	-	-	22	\$34,533,257
Currently Under Review			2	\$134,015

Note: Amounts reflect only amounts directly awarded to PI/Co-PI team – not the full amount of the grants. In total, \$14.66 million has been awarded through these projects; \$5.22 million since 2014.

TEACHING AND MENTORING OF UNDERGRADUATE AND GRADUATE STUDENTS

COURSES TAUGHT

North Carolina State University

International Economics (ECG 548) – F14, F15, F16, S18, S19, S20, S21
 U.S. Food Policy (ARE 495/ECG 590; renamed ARE 475/ARE 590) – S18, Sum I 18, Sum I 19, S23
 International Agricultural Trade (ARE 448) – S19, S20
 Agribusiness Marketing (ARE 312) – F14, F15, F16, S22

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)	1	11 (4)	0	4 (3)	3
Committee Member	-	-	8 (2)	1	14 (13)	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, 18-22 students each year
- 2009-2011. Dept. of Agriculture & Applied Statistics, Clemson University, 18 students each year

Mentor and work supervisor for undergraduate research assistants

- 2016-Present: Provide an opportunity for undergraduate students to gain paid practical research experience in a variety of qualitative and quantitative research techniques, 3-6 students each year
 - Support for several students is often 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?", Spring 2018
 - Leah Jamison, "Behind the Label of Organic Food", Spring 2018
- Food Distribution Research Society, Undergraduate Paper Competition
 - Leah Jamison, "The Organic Food Market: Challenges Hidden Behind the Organic Label", Summer 2018
- 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

EXTENSION AND ENGAGEMENT WITH CONSTITUENCIES OUTSIDE THE UNIVERSITY

Extension and Outreach Publications

Low, S., D., Thilmany, E. Canales, **K.A. Boys**. 2021. Local and regional food system resilience during COVID-19. University of Missouri—Columbia Extension. DM-0301-2021
<https://mospace.umsystem.edu/xmlui/handle/10355/85105>

Kiesel, K., M.D. Ehmke, **K.A. Boys**, B. Katare, J. Penn, and J. Bergtold. 2021. What do our students think and value? Perceptions of transitioning to remote learning during the pandemic at land-grant universities. *Western Economic Forum*. 19(1):103-119
<https://ageconsearch.umn.edu/record/311310/>

Schweizer, H., **K.A. Boys**, and A. Branran. 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/>

Boys, K.A 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

Presentations

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.

- 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.** USDA-FAS Cochrane 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
- 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.
- 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.
- 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.
- 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
- 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.

Panelist

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.

Extension Events (Primary Organizer)

Organized and moderated a three-day event: “Extension Agent Educational Series” Training from faculty in NCSU’s Dept. of Agricultural and Resource Economics for County Extension Agents in the North Carolina Cooperative Extension System (North Carolina State University; North Carolina A&T State University). (*Virtual*) November 16-18, 2020.

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.

Media Interviews

“Local Foods, Local Opportunities,” NCSU CALS Communications, 4 August, 2020

- <https://cals.ncsu.edu/news/local-food-local-opportunities/>

“The End of Earth Fare and Why Organic Went Industrial,” WUNC, 5 February, 2020

- <https://www.wunc.org/post/end-earth-fare-and-why-organic-went-industrial>

Other Extension Outputs

Financial Resources for COVID Relief for NC Agribusinesses; July 15, 2020

- <https://cals.ncsu.edu/agricultural-and-resource-economics/news/financial-resources-for-covid-relief-for-nc-agribusinesses/>

SERVICE TO THE UNIVERSITY AND PROFESSIONAL SOCIETIES

Service to the University

Service to College (CALS):

- Search Committee: Dean – CALS, 2022
- CALS Extension Leadership Committee, 2022 -
- CALS Leadership Advisory Council, 2017-2018
- CALS Innovation and Efficiency Committee, January - July, 2015.

Service to Department:

NCSU Dept. of Agriculture and Resource Economics (ARE)

- Search Committees:
 - Distinguished Professor Committee for the Kieger Professorship, 2022-
 - Owen’s Chair in International Economics, 2020-2021
 - Department Head, External Search, 2016, 2020-2021
 - Department Head, Search Internal to NCSU, 2019
 - Director, Center for Environmental and Resource Economics Policy (CEnREP)-2021-22
 - Assistant Professor Positions, 2018, 2021, 2022
 - Extension Associate Positions, 2021, 2022
 - Extension Assistant Position, 2022
 - Staff Positions, 2022
- Co-Editor: NC State Economist, 2021-
- Undergraduate Curriculum Committee, 2021-
- NC State Economist Advisory Committee (Chair), 2021-2022
- Economics Graduate Program Curricula Committee, 2015-2018
- Department Nomination for the Kenneth R. Keller Award Committee, 2014
- Ad hoc reviewer of ARE Extension Briefs and Articles

Previous:

Virginia Tech, Dept. of Ag. and Applied Economics Undergraduate Curricula Committee (2012-2014),
Ad hoc reviewer of Virginia Cooperative Extension Publications
Clemson University, Dept. of Applied Economics and Statistics: Program Marketing Committee,
2009-11

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.

- Nominating Committee for the Association's President-Elect and Executive Board members
- Co-lead association's participation and response to the White House Conference on Hunger, Nutrition, and Health (2022)
- Food Safety and Nutrition Section;
 - Section Executive: Chair Elect, 2020-21; Chair, 2021-22; Past-Chair, 2022-23
 - Section Executive: Member at Large (Elected), 2018-2020
 - Member, Best Paper Award Selection Committee 2021, 2022
 - Chair, Best Paper Award Selection Committee for 2019 (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
 - Food Safety, Nutrition, and Policy – 2023 (scheduled)
 - Agribusiness Economics and Management - 2018, 2019
 - Teaching Learning and Communications – 2009

USDA Multi-State Research Projects

S1088: Specialty Crops and Food Systems: Exploring Markets, Supply Chains and Policy Dimensions

- Chair, 2022-23
- Project Renewal Writing Committee, 2020
- Member, 2015 – Present

Note: Project S1067 from 10/2015-9/2020

NC1030: Family Firms and Policy in Times of Disruption

- Secretary, 2014-2015
- Member, 2009-2015

Note: Previously known as: NC 1030 – Family Firms and Policy (10/2006 to 9/2011)

USDA – Economic Research Service:

- Reviewer: USDA, Economic Report 749: “*Performance of Ground Beef Establishments on Salmonella Tests Before and After Product Recalls over 2000-2019, for Selected Subperiods and Categories, and Compared to Establishments Without Recalls*”, 2021
- Reviewer: USDA, Economic Report 694: “*China’s Refusals of Food Imports*”, 2020
- 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

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, 2019-2020

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: Journal of Food Distribution Research, Special Issue: Emerging Issues in the U.S. Specialty Crops’ Supply Chains: 51(3): November 2020
- Co-Editor: Australian Journal of Agricultural Economics, Special Issue on Economics of Food Fraud. Published: Volume 63, Volume 4 (October 2019)
- Co-Editor: Choices, Examining Food Loss and Food Waste in the United States. Published: 1st Quarter 2019, 34(1).
- Co-Editor: *Journal of Food Products Marketing*, Virtual Special Issue on “Organic Food Marketing”. 2017.

Peer Review Service – Journal Articles

Agricultural and Resource Economics Review; Agribusiness; Agriculture and Human Values; Agricultural Economics; American Journal of Agricultural Economics; Annals of Operations Research; Appetite; Applied Agriculture Teaching Resources; Applied Economic Perspectives and Policy; Australian Journal of Agricultural Economics; British Food Journal; Canadian Journal of Agricultural Economics; California Agriculture; Choices; Environment, Development and Sustainability; Environmental and Resource Economics; European Review of Agricultural Economics; 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; Journal of Hunger and Environmental Nutrition; NARDeP Case Study Series; PLoS ONE; 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. 2019 cycle; 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)

2021	NCSU University Faculty Scholar
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

- 2022-23 LEAD-21 Program (National leadership program for land-grant universities; [details](#))
- 2022 Faculty Mediator Training, NC State Faculty & Staff Ombuds Office
- 2020-21 Inclusive Excellence Certificate Program, NCSU OIED
- 2020-21 Faculty Leadership Education and Development (LEAD) Program, NCSU
- 2018 Agricultural Leadership Learning Institute (ALLI), Faculty Program
- 2017 Food Safety Modernization Act – Foreign Supplier Verification
- 2012-13 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