

John Bovay

Department of Agricultural & Applied Economics

Virginia Tech

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<https://aaec.vt.edu/people/faculty/Bovay-John.html>

Current position

2019–	<i>Assistant Professor</i> , Dept. of Agricultural & Applied Economics, Virginia Tech
2019–	<i>Specialist</i> , Virginia Cooperative Extension
2020–	<i>Affiliate Faculty</i> , Center for Advanced Innovation in Agriculture, Virginia Tech
2021–	<i>Fellow</i> , Center for Food Systems and Community Transformation, Virginia Tech
2023–	<i>Kohl Junior Faculty Fellow</i> , Dept. of Agricultural & Applied Economics, Virginia Tech

Previous appointments held

2016–2019	<i>Assistant Professor</i> , Dept. of Agricultural & Resource Economics, University of Connecticut <i>Affiliate</i> , Institute for Collaboration on Health, Intervention, and Policy, University of Connecticut
2014–2016	<i>Research Agricultural Economist</i> , Food Economics Division, USDA Economic Research Service, Washington, D.C.
2010–2014	<i>Graduate Student Researcher</i> , Dept. of Agricultural & Resource Economics and Agricultural Issues Center, University of California, Davis
2009–2010	<i>Teaching Assistant</i> , Dept. of Agricultural & Resource Economics, University of California, Davis
2007–2009	<i>Research Associate</i> , Environment & Resources Division, Abt Associates, Inc., Bethesda, Maryland

Education

2014	Ph.D. in Agricultural & Resource Economics, University of California, Davis
2007	B.A. <i>magna cum laude</i> in Mathematics and Politics, Washington & Lee University, Lexington, Virginia

Grants & scholarships

EXTERNALLY FUNDED PROJECTS AWARDED TO VIRGINIA TECH

2023–2028	Co-Principal Investigator (25%). Grazing for Appalachian Sustainability (GRASS). USDA Natural Resources Conservation Service (NRCS) Partnerships for Climate-Smart Commodities. \$4,795,047 total award amount, Virginia Tech portion \$953,167. 09/01/2023–08/31/2028.
2023–2026	Co-Principal Investigator (10%). CAFF-I2GROW: Intelligent and Integrated Greenhouse gas Re-mOval With indoor and controlled environment agriculture. USDA National Institute of Food and Agriculture (NIFA) Regional Innovations for Climate-Smart Agriculture and Forestry (RICSAF). \$4,000,000. 05/01/2023–04/30/2026. Co-Principal Investigator (10%). The Virginia Tech Alliance to Advance Climate-Smart Agriculture: Supporting Producers to Promote Productivity, Markets, and Environmental Benefits (“The Alliance”). USDA Natural Resources Conservation Service (NRCS) Partnerships for Climate-Smart Commodities. \$80,000,000 total award amount, Virginia Tech portion \$8,597,500. 07/01/2023–06/30/2026.
2022–2025	Principal Investigator (45%). On-Farm Loss and Waste of Vegetables: Measurement, Drivers, and Welfare Implications. USDA National Institute of Food and Agriculture (NIFA) Agriculture and Food Research Initiative (AFRI). \$633,551. 01/01/2022–12/31/2025.
2021–2024	Principal Investigator (100%). Innovations in Agricultural Production Systems. USDA Economic Research Service Cooperative Agreement. \$75,000. 07/16/2021–12/31/2024.
2020–2021	Co-Principal Investigator (40%). Implications of COVID-19 for Agricultural Trade. USDA Economic Research Service Cooperative Agreement. \$50,000. 08/31/2020–09/30/2021. Principal Investigator (70%). Virginia Sustainable Farms and Agribusiness Education Initiative. Southern Risk Management Education Center. \$48,584. 04/01/2020–09/30/2021.

INTERNALLY FUNDED PROJECT AT VIRGINIA TECH

2021–2022	Co-Principal Investigator (1.9%). A Better Solar “Panel” from Virginia Tech. CALS Strategic Plan Advancement 2021 Integrated Internal Competitive Grants Program. \$60,000. 03/01/2021–06/30/2022.
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EARLIER FUNDED PROJECTS

2019	Principal Investigator (100%). Measurement of On-Farm Waste of Vegetables. University of Connecticut College of Agriculture, Health and Natural Resources. \$60,000 awarded through competitive process (forfeited upon leaving UConn), 10/1/2019–9/30/2022.
2018–19	Principal Investigator (100%). Optimizing Local Food Outlets: Marketplace and Customer Analysis Across New England. Evaluation subcontract for USDA Food Insecurity Nutrition Incentive (FINI) grant program funding of Farm Fresh Rhode Island project over 2018–2022. (N. Fiala took over as PI in 2019 after I announced departure from UConn.) \$195,000. 6/15/2018–6/14/2022.
2018	Co-Principal Investigator (8.33%). CAHNR GMO Working Group. \$2,500 awarded through Farm Credit East Northeast AgEnhancement Grant. Co-Principal Investigator (8.33%). CAHNR GMO Working Group. UConn Foundation/CAHNR CES Innovation Award. \$5,000.
2012–2014	Cooperating personnel. Economic analysis of food safety regulation. Giannini Foundation of Agricultural Economics Mini-Grant. \$25,000. 7/1/2012–6/30/2014.

SCHOLARSHIPS

2010–2014	University of California, Davis: Henry A. Jastro Research Scholarships, 3 awards, \$3,800 (total)
2006	Washington and Lee University: A. Paul Knight Internship Program in Conservation, \$2,000
2003–2007	Washington and Lee University: Frank J. and Louise Gilliam Honor Scholarship, \$10,000
	Washington and Lee University: National Merit Scholarship, \$2,500

Honors & awards

2023–	Associate Editor, <i>China Agricultural Economic Review</i>
2022	Southern Risk Management Education Center: Project of Excellence (2nd place)
2021	Southern Agricultural Economics Association: Emerging Scholar Award
2018	Agricultural and Applied Economics Association, Specialty Crop Economics Section: Honorable Mention, Outstanding Research Paper (with D.A. Sumner)
	University of Connecticut College of Agriculture, Health, and Natural Resources: David and Nancy Bull Extension Innovation Award (with UConn CAHNR GMO Team)
2017	Washington and Lee University: Distinguished Young Alumnus Award
2016	<i>Journal of Agricultural and Resource Economics</i> : Outstanding Journal Article (with J.M. Alston)
2015–2016	USDA Economic Research Service: Cash Awards for Extra Effort (one in 2015, four in 2016)
2015	USDA Economic Research Service: Quality Step Increase
2014–2015	Food Distribution Research Society: Richardson-Applebaum Award for Best Ph.D. Dissertation
2014	University of California, Davis: R.M. Pinkerton Agricultural Marketing Graduate Award
2007	Washington and Lee University: Earle Bates Prize in Environmental Studies
2006	Washington and Lee University: Omicron Delta Kappa (national leadership honor society)

Publications and papers

PEER-REVIEWED JOURNAL ARTICLES

2023	Goodrich, B., M. Fenton, J. Penn, J. Bovay , and T. Mountain. “ Battling Bots: Experiences and strategies to mitigate fraudulent responses in online surveys. ” <i>Applied Economic Perspectives and Policy</i> , 45(2): 762–784. DOI: 10.1002/aep.13353.
	Bovay, J. “ Food safety, reputation, and regulation. ” <i>Applied Economic Perspectives and Policy</i> , 45(2): 684–704. DOI: 10.1002/aep.13315.
	Ferrier, P., C. Zhen, and J. Bovay . “ Price and Welfare Effects of the Food Safety Modernization Act Produce Safety Rule. ” <i>Journal of Agricultural and Resource Economics</i> , 48(1):82–102. DOI: 10.22004/ag.econ.316755.
2022	Garber, B. *, J. Alwang, G.W. Norton, and J. Bovay . 2022. “ Beef and the Bottom Line: The Effect of Value-Added Certification on Feeder Cattle Profitability. ” <i>Journal of Agricultural and Applied Economics</i> , 54(1):157–174. DOI: 10.1017/aae.2021.33.
	Tian, Y. *, R. Croog*, J. Bovay , A. Concepcion, T. Getchis, and M.R. Kelly. 2022. “ Who Responds to Health, Environmental and Economic Information about Local Food? Evidence from Connecticut Seafood Consumers. ” <i>Aquaculture Economics & Management</i> , 26(2):131–151.
2021	McFadden, B. #, J. Bovay #, and C. Mullally. 2021. “ What Are the Overall Implications of Rising Organic Demand for Fruit and Vegetable Consumption? Evidence from Theory and Simulations ”, <i>Q Open</i> , 1(1): qoab008, DOI: 10.1093/qopen/qoab008.
2020	Bovay, J. , and W. Zhang. 2020. “ A Century of Profligacy? The Measurement and Evolution of Food Waste. ” <i>Agricultural and Resource Economics Review</i> 49(3): 375–409. DOI: 10.1017/age.2019.16.

- Ollinger, M., and **J. Bovay**. 2020. “[Producer response to public disclosure of food-safety information.](#)” *American Journal of Agricultural Economics* 102(1):186–201. DOI: 10.1093/ajae/aaz031.
- 2019 **Bovay, J.**, and D.A. Sumner. 2019. “[Animal Welfare, Ideology, and Political Labels: Evidence from California’s Proposition 2 and Massachusetts’s Question 3.](#)” *Journal of Agricultural and Resource Economics* 44(2):246–266.
- 2018 **Bovay, J.**, and D.A. Sumner. 2018. “[Economic Effects of the U.S. Food Safety Modernization Act.](#)” *Applied Economic Perspectives and Policy*, 40(3):402–420. DOI: 10.1093/aep/pxx039.
- Bovay, J.**, and J.M. Alston. 2018. “[GMO Food Labels in the United States: Economic Implications of the New Law.](#)” *Food Policy* 78:14–25. DOI: 10.1016/j.foodpol.2018.02.013.
- Ollinger, M., and **J. Bovay**. 2018. “[Pass or Fail: Economic Incentives to Supply Safe Meat to the National School Lunch Program.](#)” *American Journal of Agricultural Economics* 100(2):414–433. DOI: 10.1093/ajae/aax088.
- 2017 **Bovay, J.** 2017. “[Demand for collective food-safety standards.](#)” *Agricultural Economics* 48(6):793–803. DOI: 10.1111/agec.12375.
- 2016 **Bovay, J.**, and J.M. Alston. 2016. “[GM Labeling Regulation by Plebiscite: Analysis of Voting on Proposition 37 in California.](#)” *Journal of Agricultural and Resource Economics* 41(2):161–188.
- Winner, Outstanding Journal Article, *JARE*, 2016.
- * Virginia Tech or UConn M.S. student at the time of research
- # Senior authorship shared

PEER-REVIEWED RESEARCH REPORTS (USDA ECONOMIC RESEARCH SERVICE)

- 2024 Dohlman, E., K. Maguire, W.V. Davis, M. Husby, **J. Bovay**, C. Weber, and Y. Lee*. “[Trends, Insights, and Future Prospects for Production in Controlled Environment Agriculture and Agrivoltaics Systems.](#)” Economic Information Bulletin Number 264, USDA–ERS.
- 2018 **Bovay, J.**, P. Ferrier, and C. Zhen. 2018. “[Estimated Costs for Fruit and Vegetable Producers To Comply With the Food Safety Modernization Act’s Produce Rule.](#)” Economic Information Bulletin Number 195, USDA–ERS.
- 2017 Kuchler, F., C. Greene, M. Bowman, K.K. Marshall, **J. Bovay**, and L. Lynch. 2017. “[Beyond Nutrition and Organic Labels—30 Years of Experience With Intervening in Food Labels.](#)” Economic Research Report Number 239, USDA–ERS.
- Ollinger, M., J. Wilkus, M. Hrdlicka, and **J. Bovay**. 2017. “[Public Disclosure of Tests for Salmonella: The Effects on Food Safety Performance in Chicken Slaughter Establishments.](#)” Economic Research Report Number 231, USDA–ERS.
- 2016 **Bovay, J.** 2016. “[FDA Refusals of Imported Food Products by Country and Category, 2005–2013.](#)” Economic Information Bulletin Number 151, USDA–ERS.
- 2015 Ollinger, M., **J. Bovay**, C. Benicio, and J. Guthrie. 2015. “[Economic Incentives to Supply Safe Chicken to the National School Lunch Program.](#)” Economic Research Report Number 202, USDA–ERS.
- 2014 Ollinger, M., J. Guthrie, and **J. Bovay**. 2014. “[The Food Safety Performance of Ground Beef Suppliers to the National School Lunch Program.](#)” Economic Research Report Number 180, USDA–ERS.
- * Virginia Tech Ph.D. student at the time of research

WORKING PAPER

Bovay, J. “Shaming, stringency, and shirking: Evidence from food-safety inspections.” Preparing for resubmission to *American Journal of Agricultural Economics*.

NON-REFEREED ARTICLES IN JOURNALS AND OTHER PERIODICALS

- 2021 Isengildina-Massa, O., **J. Bovay**, and P. Kayser. 2021. “COVID recovery and extreme weather keep prices strong.” [Sunbelt Ag Expo Program](#).
- 2019 Kelly, M.R., T. Getchis, A. Concepcion, and **J. Bovay**. 2019. “[Using Online Panels to Inform Extension Programming](#).” *Journal of Extension* 57(5): Tools of the Trade, article 3.
- 2017 Kuchler, F., C. Greene, M. Bowman, K.K. Marshall, **J. Bovay**, and L. Lynch. 2017. “[Federal Nutrition and Organic Labels Paved the Way for Single-Trait Label Claims](#).” *Amber Waves*, U.S. Department of Agriculture, Economic Research Service.
- 2016 **Bovay, J.** 2016. “Implications of the Food Safety Modernization Act for Northeast Farmers.” *Knowledge Exchange Partner*, Volume 10, Issue 12, December 2016, Farm Credit East.
- Reprinted as: **Bovay, J.** 2017. “Implications of the Food Safety Modernization Act for Northeast Farmers.” *Northeast Agriculture Insights & Perspectives 2017*, Farm Credit East.
- Bovay, J.** 2016. “[Patterns in Food Import Refusals Highlight Most Frequently Detected Problems](#).” *Amber Waves*, U.S. Department of Agriculture, Economic Research Service.
- 2015 **Bovay, J.**, and M. Ollinger. 2015. “[Strict Standards Nearly Eliminate Salmonella from Ground Beef Supplied to Schools](#).” *Amber Waves*, U.S. Department of Agriculture, Economic Research Service.

NUMBERED EXTENSION PUBLICATIONS (PEER-REVIEWED)

- 2022 Morgan, K., P. Callan, A. Mark, K. Niewolny, T. Nartea, K. Scott, J. Hilleary, Y. Li**, and **J. Bovay**. 2022. “[Farm Financial Risk Management Series Part III: Introduction to Farm Planning Budgets](#).” Virginia Cooperative Extension Publication No. AAEC-116P (AAEC-298P).
- Morgan, K., P. Callan, A. Mark, K. Niewolny, T. Nartea, K. Scott, J. Hilleary, Y. Li**, and **J. Bovay**. 2022. “[Farm Financial Risk Management Series Part II: Introduction to Farm Financial Statements](#).” Virginia Cooperative Extension Publication No. AAEC-115P (AAEC-297P).
- Morgan, K., P. Callan, A. Mark, K. Niewolny, T. Nartea, K. Scott, J. Hilleary, Y. Li**, and **J. Bovay**. 2022. “[Farm Financial Risk Management Series Part I: Overview of Financial Systems for New and Beginning Farmers](#).” Virginia Cooperative Extension Publication No. AAEC-114P (AAEC-296P).
- 2021 Jacobs, L., **J. Bovay**, and T. Pierce*. 2021. “[Animal Welfare Standards and Marketing](#).” Virginia Cooperative Extension Publication No. APSC-177P.
- 2013 **Bovay, J.**, and D.A. Sumner. 2013. “[How does the Food Safety Modernization Act Affect Farms and Food Marketing Firms?](#)” OreCal Issues Brief No. 007, Oregon State University & University of California, Davis.

* Virginia Tech M.S. student at the time of publication

** Virginia Tech Ph.D. student at the time of publication

NUMBERED EXTENSION PUBLICATIONS (NON-PEER-REVIEWED)

- 2022 Pierce, T.*, **J. Bovay**, and J. Ignosh. “[On-Farm Energy Management and Renewable Energy](#).” Virginia Cooperative Extension Publication No. AAEC-299NP.
- 2021 Pierce, T.*, and **J. Bovay**. 2021. “[The American Rescue Plan: Farms, Food, and Families](#).” Virginia Cooperative Extension Publication No. AAEC-293NP.
- Pierce, T.*, and **J. Bovay**. 2021. “[GMO, Bioengineered Labeling, and Non-GMO Food](#).” Virginia Cooperative Extension Publication No. AAEC-283NP.
- Pierce, T.*, and **J. Bovay**. 2021. “[Risk Management and Crop Insurance](#).” Virginia Cooperative Extension Publication No. AAEC-282NP.
- Bovay, J.**, and T. Pierce*. 2021. “[Economics of Farm and Agribusiness Sustainability](#).” Virginia Cooperative Extension Publication No. AAEC-278NP.
- Pierce, T.*, and **J. Bovay**. 2021. “[Corporate Social Responsibility as a Business Strategy](#).” Virginia Cooperative Extension Publication No. AAEC-277NP.
- Bovay, J.**, C. Haskins, C. Larochelle, T. Mountain, F. Price, N. Shuman, J. van Senten. 2021. “[Overview of a Survey on the Impacts of the COVID-19 Pandemic on Virginia Farms and Agribusinesses, Fall 2020](#).” Virginia Cooperative Extension Publication No. AAEC-275NP.
- 2020 **Bovay, J.** 2020. “[COVID-19 Resources for Virginia Farmers, Agribusinesses, and Cooperative Extension Agents and Specialists](#).” Virginia Cooperative Extension Publication No. AAEC-221NP.
- Getchis, T.L., Kelly, M.R., Concepcion, A.P. and **Bovay, J.** 2020. “[The Connecticut Seafood Survey: Assessing Seafood Consumption, Knowledge, Behaviors and Preferences of Connecticut Residents](#).” Connecticut Sea Grant, CTSG-20-03.
- 2019 **Bovay, J.** 2019. “[Connecticut Milk Cost of Production Estimates for April, May, and June 2019](#).” Outreach Report No. 60, Zwick Center for Food and Resource Policy, University of Connecticut.
- Bovay, J.** 2019. “[Connecticut Milk Cost of Production Estimates for January, February, and March 2019](#).” Outreach Report No. 58, Zwick Center for Food and Resource Policy, University of Connecticut.
- Bovay, J.** 2019. “[Connecticut Milk Cost of Production Estimates for October, November, and December 2018](#).” Outreach Report No. 56, Zwick Center for Food and Resource Policy, University of Connecticut.
- 2018 **Bovay, J.** 2018. “[Connecticut Milk Cost of Production Estimates for July, August, and September 2018](#).” Outreach Report No. 53, Zwick Center for Food and Resource Policy, University of Connecticut.
- Boehm, R., and **J. Bovay**. 2018. “[Consumer Purchases of Connecticut-Grown Food and Farm Products: Update 2015](#).” Outreach Report No. 52, Zwick Center for Food and Resource Policy, University of Connecticut.
- Bovay, J.** 2018. “[Connecticut Milk Cost of Production Estimates for April, May, and June 2018](#).” Outreach Report No. 51, Zwick Center for Food and Resource Policy, University of Connecticut.
- Bovay, J.** 2018. “[Connecticut Milk Cost of Production Estimates for January, February, and March 2018](#).” Outreach Report No. 50, Zwick Center for Food and Resource Policy, University of Connecticut.
- Bovay, J.** 2018. “[Connecticut Milk Cost of Production Estimates for October, November, and December 2017](#).” Outreach Report No. 49, Zwick Center for Food and Resource Policy, University of Connecticut.
- 2017 **Bovay, J.** 2017. “[Connecticut Milk Cost of Production Estimates for July, August, and September](#).”

2017.” Outreach Report No. 48, Zwick Center for Food and Resource Policy, University of Connecticut.

Bovay, J. 2017. “Connecticut Milk Cost of Production Estimates for April, May, and June 2017.” Outreach Report No. 47, Zwick Center for Food and Resource Policy, University of Connecticut.

Bovay, J. 2017. “Connecticut Milk Cost of Production Estimates for January, February, and March 2017.” Outreach Report No. 46, Zwick Center for Food and Resource Policy, University of Connecticut.

Bovay, J. 2017. “Connecticut Milk Cost of Production Estimates for October, November, and December 2016.” Outreach Report No. 45, Zwick Center for Food and Resource Policy, University of Connecticut.

2016 **Bovay, J.** 2016. “Connecticut Milk Cost of Production Estimates for July, August, and September 2016.” Outreach Report No. 44, Zwick Center for Food and Resource Policy, University of Connecticut.

* Virginia Tech M.S. student at the time of publication

OTHER OUTREACH PUBLICATIONS INCLUDING MULTIMEDIA

2020 **Bovay, J.** 2020. “Impacts of the Pandemic on Virginia’s Agricultural Industries.” Part of the report *Impacts of the COVID-19 Pandemic on U.S. and Virginia Farms and Agribusinesses: May 2020*. Department of Agricultural and Applied Economics, Virginia Tech.

Bovay, J. 2020. “The Pandemic and Disruptions to the U.S. Food Supply Chain.” Part of the report *Impacts of the COVID-19 Pandemic on U.S. and Virginia Farms and Agribusinesses: May 2020*. Department of Agricultural and Applied Economics, Virginia Tech.

2019 UConn College of Agriculture, Health, and Natural Resources. 2019. “Science of GMOs” Fact Card. (One of 14 contributors.)

2018 **Bovay, J.** 2018. “What are GMOs? A Primer for FDA and USDA Labeling.” University of Connecticut. https://www.youtube.com/watch?v=xeyyyENJK_k. Script and narration.

2017 **Bovay, J.** 2017. “GMO Labeling.” Science of GMOs website, College of Agriculture, Health, and Natural Resources, University of Connecticut. <https://gmo.uconn.edu/topics/gmo-labeling/>

Bovay, J., J. Meader, and A. Fargo-Johnson. 2017. “On-Farm Renewable Energy and Energy Efficiency Considerations.” College of Agriculture, Health, and Natural Resources, University of Connecticut. 350 copies printed.

Fargo-Johnson, A., J. Meader, **J. Bovay**, and S. Stearns (production specialists). 2017. Series of four videos on Connecticut farm energy production and conservation. University of Connecticut Extension. <http://s.uconn.edu/farmenergy>

Summary of presentations

PRESENTATIONS AT PROFESSIONAL MEETINGS

2023	XVII European Association of Agricultural Economists Congress
	USDA-NIFA AFRI Project Directors (Agricultural Economics and Rural Communities) Meeting
	Western Economic Association International, 17th International Conference
	Southern Agricultural Economics Association (SAEA) annual meeting
2021	International Agricultural Trade Research Consortium annual meeting
	SAEA virtual annual meeting
	Allied Social Science Associations virtual annual meeting (AAEA @ ASSA)
2020	Southern Economic Association annual meeting
2018	30th International Conference of Agricultural Economists (x2)
2017	Agricultural & Applied Economics Association (AAEA) annual meeting
2016	AAEA annual meeting
2015	Food Distribution Research Society annual meeting
	AAEA and Western Agricultural Economics Association joint annual meeting
2014	SAEA annual meeting
2013	AAEA and Canadian Agricultural Economics Society joint annual meeting (presentation and poster)
2012	Giannini Foundation of Agricultural and Resource Economics Student Conference
2011	Giannini Foundation of Agricultural and Resource Economics Student Conference

INVITED PRESENTATIONS, ACADEMIC AND ECONOMICS DEPARTMENTS

2023	China Agricultural University
2022	University of Wisconsin–Madison
	Auburn University
2021	Virginia Tech Deans' Forum (College of Liberal Arts and Human Sciences, Virginia Tech College of Agriculture and Life Sciences, and Pamplin College of Business)
	U.S. Department of Agriculture Economists' Association
2019	Washington and Lee University
	Virginia Tech
	University of Tennessee
	University of California, Davis
2018	University of Connecticut
	North Carolina State University
	University of California, Davis
2017	Washington and Lee University (x2)
	University of California, Davis
2016	University of Connecticut (x2)
2014	Connecticut College

2013	Economic Research Service, U.S. Department of Agriculture Iowa State University (x2) University of California, Davis EXTENSION AND OUTREACH TEACHING AT VIRGINIA TECH
2023	Virginia Cooperative Extension (VCE) Agribusiness Management & Economics Program Team In-Service Training
2022	Center for Food Systems and Community Transformation, Virginia Tech Lifelong Learning Institute at Virginia Tech <i>Ag Policy & Market Outlook Forum</i> webinar, VCE and VT Agricultural and Applied Economics VCE Professional Development Conference
2021	VCE Community, Local, and Regional Food Systems Program Team webinar <i>Virginia Sustainable Farms and Agribusiness Education Initiative</i> webinars, VCE (x11) VCE <i>Ag Today</i> webinar, VCE
2020	VCE <i>Ag Today</i> webinar, VCE <i>Ag Policy & Market Outlook Forum</i> webinar, VCE VCE Professional Development Conference (x3) INVITED OUTREACH PRESENTATIONS
2021	Global Trade Symposium, New York Produce Show and Conference Virginia Senate Agriculture, Conservation, and Natural Resources Committee Summit
2020	Virginia Agribusiness Council's Annual Meeting
2019	New York Produce Show and Conference Produce Marketing Association (x2) New London County (Connecticut) Agricultural Extension Council Annual Meeting
2018	New York Produce Show and Conference Robotic Milking Conference, University of Connecticut Center for Learning in Retirement, University of Connecticut Webinars for University of Connecticut Extension (x4) Tolland County (Connecticut) Extension Center Connecticut Food Policy Council Dyson School Agricultural and Food Business Outlook Conference, Cornell University
2017	New York Produce Show and Conference New London County (Connecticut) Farm Bureau Annual Meeting <i>The Wall Street Journal</i> Global Food Forum Tolland County (Connecticut) Extension Center (x2) Connecticut Food Policy Council Connecticut Dairy Summit
2016	New York Produce Show and Conference

Teaching & advising

CLASSROOM TEACHING

Fall 2023	VT AAEC 6984, Empirical Analysis of Markets and Policy, 6 Ph.D. students (co-taught with A. Gupta)
Spring 2022	VT AAEC 6984, Empirical Analysis of Markets and Policy, 11 Ph.D. students (co-taught with A. Gupta)
Fall 2018	UConn ARE 3215, Business Management, 33 students
Fall 2017	UConn ARE 3215, Business Management, 35 students
Fall 2016	UConn ARE 3215, Business Management, 41 students

INDEPENDENT STUDY ADVISING

Rose Croog (M.S.), Spring 2017
Audrey Folta (B.S.), Spring 2018
Joona Kunnas (B.S.), Spring 2017
Evan Lyman (B.S.), Spring 2017

GUEST LECTURES

VT AAEC 2434, Foundations of Agribusiness, October 28, 2021
VT AAEC 3504, Marketing Ag Products, October 6, 2021
VT AAEC 6554, Panel Data Econometrics, December 8, 2020
VT AAEC 2434, Foundations of Agribusiness, March 4, 2020
VT AAEC 3324, Environment and Sustainable Development Economics, February 26, 2020
UConn ARE 3260, Food Policy, October 31, 2017
UConn UNIV 3820.6, EcoHouse Learning Community Advanced Seminar, October 18, 2017
Washington & Lee ENV 110, Introduction to Environmental Studies, September 18, 2017
UConn ARE 3260, Food Policy, March 28, 2017
UC Davis ARE 121, Economics of Agricultural Sustainability, February 20, 2014

TEACHING ASSISTANTSHIPS (UC DAVIS)

ARE 106, Econometrics, Spring 2010
ARE 115A, Economic Development, Winter 2010
ARE 100A, Intermediate Microeconomics, Fall 2009

ADVISING (VIRGINIA TECH)

Chair for Ph.D. student:

Tao Qi, 2026

Co-chair for Ph.D. student:

Yoonjung Lee, 2025

Committee member for Ph.D. students:

Elizabeth Chishimba-Musonda, 2024
Emre Karagulle, 2024
Kiseok Shin, 2025
Yuanyuan Wen, 2025

Yangchuan Wang, 2022 (initial placement: Key Bank)

Committee member for M.S. students:

Jayson Gill, 2023 (initial placement: Perdue Agribusiness)

Elijah Griles, 2022 (initial placement: Virginia Farm Bureau Federation)

Ben Garber, 2021 (initial placement: A2F Consulting)

ADVISING (UNIVERSITY OF CONNECTICUT)

Associate advisor for Ph.D. student:

Thomas Krumel, 2020 (initial placement: USDA ERS)

Major advisor for M.S. students:

Yixing Tian, 2018 (initial placement: graduate program, China Agricultural University)

Associate advisor for M.S. student:

Rose Croog, 2017 (initial placement: Connecticut Department of Energy and Environmental Protection)

Academic advisor for two non-thesis M.S. students

Academic advisor for 9 to 18 undergraduate students (2016–19)

Also served as major advisor for two Ph.D. students briefly, before leaving UConn

Service to the profession

SOUTHERN ECONOMIC ASSOCIATION

2020 Session Chair and Paper Discussant, annual meeting

AGRICULTURAL & APPLIED ECONOMICS ASSOCIATION

2023– Chair Elect, Specialty Crop Economics Section

2021–2023 Topic Leader for review of conference submissions, Food Safety, Nutrition, and Policy

2016–2018 Topic Leader for review of conference submissions, Food and Agricultural Policy Analysis

2015–2017 Member at Large, Executive Committee, Food Safety & Nutrition Section

NORTHEASTERN AGRICULTURAL & RESOURCE ECONOMICS ASSOCIATION

2021–2022 Co-Coordinator, Food Scholars' Circle

COLLEGE OF AGRICULTURE & LIFE SCIENCES, VIRGINIA TECH

2021 Panelist for review of Hatch proposal

VIRGINIA COOPERATIVE EXTENSION SERVICE

2023– Coordinator of peer-reviewed VCE publications with lead author in AAEC ($N = 1$)

2022 Search Committee for Director/Associate Dean

2020– Co-Chair, Agribusiness Management and Economics Program Team

DEPARTMENT OF AGRICULTURAL AND APPLIED ECONOMICS, VIRGINIA TECH

2023–	Search Committee for James A. and Renae C. Pearson Collegiate Faculty Fellow
2023–	Governance Committee
2022–23	Search Committee for Kohl Centre Chair
2022–	Communications Committee
2021–2022	External Review Planning Committee
2021–2022	Search Committee for Communications & Marketing Specialist
2021	Search Committee for Instructor in Agribusiness
2020–	Extension Department Leader
2019–	Extension/Outreach Committee (Chair, 2020–)
2019–2022	Seminar Committee (Chair, 2020–2022)

VIRGINIA COOPERATIVE COUNCIL

2020–	Advisor to Board of Directors
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UNIVERSITY OF CONNECTICUT

2018	Search Committee for Dean of the College of Agriculture, Health, and Natural Resources
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COLLEGE OF AGRICULTURE, HEALTH, AND NATURAL RESOURCES, UNIVERSITY OF CONNECTICUT

2018–2019	Search Committee for Department Head, ARE
2017–2019	Faculty Panel for Competitive Grants
2018	Faculty Evaluator, Graduate Research Forum
2017–2019	Undergraduate Commencement Committee

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS, UNIVERSITY OF CONNECTICUT

2016–2017	Search Committee for Assistant Professor
2016	Search Committee for Zwick Center Post-Doctoral Scholar

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS, UNIVERSITY OF CALIFORNIA, DAVIS

2011–2013	Student Coordinator, Agricultural Economics Seminar, Workshop, and Brown Bag Series
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PANELIST FOR REVIEWS OF GRANT PROPOSALS

USDA NIFA Conference Grant (ad-hoc reviewer)
 USDA NIFA Sustainable Agricultural Systems Program
 USDA Hatch Multistate Proposal (ad-hoc reviewer)
 USDA Small Business Innovation Research Program (ad-hoc reviewer)
 USDA NIFA Aquaculture Research Program
 USDA AMS Federal–State Marketing Improvement Program
 (Years of above reviews withheld for confidentiality reasons.)

REFEREE FOR JOURNALS & CONFERENCES

Agribusiness, Agricultural Economics, American Journal of Agricultural Economics, Applied Economic Perspectives and Policy, China Agricultural Economic Review, Choices, Ecological Economics, European Review of Agricultural Economics, Food Policy, Journal of Agribusiness in Developing and Emerging Economies, Journal of Agricultural and Applied Economics, Journal of Agricultural and Resource Economics, Journal of the Agricultural and Applied Economics Association, Journal of Economic Behavior & Organization, Nature Food, PLOS ONE, Renewable Agriculture and Food Systems, Trends in Food Science & Technology, USDA ERS Economic Information Bulletins, USDA ERS Economic Research Reports, Virginia Cooperative Extension (ALCE series). (62 manuscripts reviewed.)

AAEA annual meetings, EAAE triennial meeting, ICAE triennial meeting, WAEA annual meeting. (71 conference submissions reviewed.)

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