

YANGXUAN LIU

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EDUCATION

- Ph.D. Agricultural Economics, Specialized in Agricultural Finance and Agribusiness, Purdue University, May 2017.
M.S. Agricultural Economics, Specialized in Agricultural Finance and Agribusiness, Purdue University, December 2011.
B.S. Economics with Business Administration Minor, University of Macau, June 2010.

Exchange Program:

Economics, Susquehanna University, August 2008 – January 2009.

ACADEMIC EXPERIENCE

- Assistant Professor, Department of Agricultural and Applied Economics, University of Georgia, Tifton, Georgia, 1/2018 – Present. Appointment: 85% Extension, 15% Teaching.
Member, Graduate Faculty, Department of Agricultural and Applied Economics, University of Georgia, Tifton, Georgia, 2/2018 – Present.
Assistant Professor, Department of Agriculture, Eastern Kentucky University, Richmond, Kentucky, 6/2017 – 12/2017. Appointment: 80% Teaching, 10% Research, 10% Service.
Agribusiness Program Coordinator, Department of Agriculture, Eastern Kentucky University, Richmond, Kentucky, 8/2016 – 12/2017.
Lecturer, Department of Agriculture, Eastern Kentucky University, Richmond, Kentucky, 8/2016 – 6/2017. Appointment: 80% Teaching, 10% Research, 10% Service.
Graduate Research and Teaching Assistant, Department of Agricultural Economics, Purdue University, West Lafayette, Indiana, 8/2012 – 8/2016.
Undergraduate Research Assistant, Department of Economics, University of Macau, Macao, China, 1/2007 – 6/2007.

Internships:

- Center for Agricultural Policy, Chinese Academy of Sciences, Beijing, China, 2011.
Department of International Cooperation, Chinese Academy of Agricultural Sciences, Beijing, China, 2010.
Department of Technical Process Unit, University of Macau Library, Macao, China, 2007 – 2009.

FIELDS OF INTERESTS

Agricultural Risk Management, Agribusiness, Agricultural Policy, International Trade, Big Data and Precision Agriculture, Interdisciplinary Research in Production Agriculture.

HONORS, AWARDS, AND FELLOWSHIPS

Faculty Advisor, Second Place Graduate Student Poster Competition in Sustainability, Beltwide Cotton Conference, 2022.
Third Place, Outstanding Poster Awards, Southern Agricultural Economics Association, 2021.
Quality of Communication Award, Agricultural and Applied Economics Association, 2019.
Conference Scholarship, 2018 Farm Bill Education Conference, 2019.
Faculty Advisor, First Place Winning Team, Dr. Glen Kleine Capstone Presentations, Eastern Kentucky University, 2017.
Teaching Academy Graduate Teaching Award, Purdue University, 2016.
Next Generation Delegate, Chicago Council on Global Affairs Global Food Security Symposium, 2016.
Panelist, Precision AG & Big Data: Technologies for Resilience, Borlaug Dialogue and World Food Prize, 2015
Second place, International Food and Agribusiness Management Association Case Study Competition, 2015.
Cultivator, Farm Foundation Round Table, Farm Foundation, NFP, 2015.
Third Place, Purdue Snyder Memorial Lecture Graduate Student Poster Competition, 2015.
Honorable Mention, Most Outstanding Interdisciplinary Project, Purdue University, 2015.
Finalist, Agricultural and Applied Economics Association Graduate Student Extension Competition, 2015.
Conference Scholarship, International Food and Agribusiness Management Association, 2015.
Conference Scholarship, Northeast Agricultural and Resource Economics Association, 2015.
Henry Fok Foundation Scholarship, University of Macau, 2008.

TEACHING EXPERIENCE

University of Georgia

AAEC 6740E Agribusiness Financial Management, Online Class, Instructor, Fall 2018 - 2021.

Eastern Kentucky University

AGR 308 Agricultural Economics, Instructor, Spring 2017, Fall 2017.
AGR 350 Agricultural Marketing, Instructor, Spring 2017.
AGR 410 Independent Study, Instructor, Spring 2017.
AGR 310 Principles of Agribusiness Management, Instructor, Fall 2016, Fall 2017.
AGR 409 Agricultural Records and Analysis, Instructor, Fall 2016, Fall 2017.
AGR 440 Agricultural Finance, Instructor, Fall 2016, Fall 2017.
CON 121 Introduction to Construction, Guest Lecture, Fall 2017.

Guest Speaker Invited:

Ryan Quarles, Commissioner of Agriculture, KY Department of Agriculture. December 2017
Amanda Robertson, Beginning Farmer Regional Coordinator, USDA. November 2017
Janna Norton, Project Coordinator, Alltech Company. November 2017
Brandon Sears, University of Kentucky Cooperative Extension Service. November 2017
Jordan Shockley, Assistant Professor, University of Kentucky. October 2017
James W. Caldwell, President and CEO, Ag Credit. October 2017
Steve Isaacs, Professor, University of Kentucky. October 2017
Warren Beeler, Executive Director, Governor's Office of Agricultural Policy. September 2017

Jordan Shockley, Assistant Professor, University of Kentucky. May 2017

Justin Ellis, Marketing Manager, Alltech Company. April 2017

Cherie Thomson, Owner, Georgetown Flowers & Gifts. April 2017

Jim Dause, Manager, Richmond Stockyard. March 2017

Amanda Robertson, Beginning Farmer Regional Coordinator, USDA. October 2016

Purdue University

AGEC 602 Preparation for Policy Analysis, Guest Lecture, Spring 2016.

AGEC 516 Mathematical Tools for Agricultural and Applied Economics, Instructor, Fall 2015.

AGEC 203 Introductory Microeconomics for Food and Agribusiness, Guest Lecture, Fall 2015.

AGEC 524 Agricultural Finance, Teaching Assistant, Spring 2015.

AGEC 526 International Food and Agribusiness Marketing Strategy, Case Study Judge, 2015.

AGEC 498 Introduction to Business of Commercial Agriculture, Guest Lecture, Spring 2015.

ECON 511 Intermediate Economics I (Microeconomics), Tutor, Fall 2013.

GRANTS AND FUNDING

Awarded

1. “Determination of Penalties for Over- and Under- Irrigating Corn Using Sensors Thresholds.” Georgia Agricultural Commodity Commission for Corn, \$36,300, January 2022 – December 2022 (Co-Principal Investigator; Share \$11,000).
2. “Cotton Economics and Education Program to Ensure Long-Term Sustainability for Georgia Producers.” Georgia Cotton Commission, \$52,000, January 2022 – December 2022 (Principal Investigator; Share \$42,000).
3. “Investigating Zone-based Management Strategies for Variable-Rate Lime and Fertilizer Applications in Cotton.” Georgia Cotton Commission, \$36,575, January 2022 – December 2022 (Co-Principal Investigator).
4. “Utilizing Precision Agriculture Technology to Improve Financial Resources and Reduce Production Risks.” USDA – NIFA Extension Risk Management Education Competitive Grant, \$47,712, April 2021 – September 2022 (Principal Investigator, Share \$32,057).
5. “Economic Risk Analysis of Cover Crop Utilization in Corn Production.” Georgia Agricultural Commodity Commission for Corn, \$22,500, January 2021 – December 2022 (Principal Investigator, Share \$15,000).
6. “Economic Analysis of Cover Crop Utilization in Cotton Production.” Cotton Incorporated, \$30,000, January 2021 – December 2021 (Principal Investigator; Share \$8,792).
7. “Investigation of Irrigation Scheduling Methods for Corn in Georgia for Increasing Yield and Profitability.” Georgia Agricultural Commodity Commission for Corn, \$36,460, January 2021 – December 2021 (Co-Principal Investigator; Share \$11,000).
8. “Cotton Economics and Education Program to Ensure Long-Term Sustainability for Georgia Producers.” Georgia Cotton Commission, \$52,000, January 2021 – December 2021 (Principal Investigator; Share \$42,000).

9. "Improving the Sustainability of Georgia Cotton by Increasing Nitrogen and Water Use Efficiencies." Georgia Cotton Commission, \$29,750, January 2021 – December 2021 (Co-Principal Investigator).
10. "Economic Analysis of Cover Crop Utilization in Cotton Production." Cotton Incorporated, \$29,999, January 2020 – December 2020 (Principal Investigator; Share \$24,999).
11. "Cotton Economics and Education Program to Ensure Long-Term Sustainability for Georgia Producers." Georgia Cotton Commission, \$52,260, January 2020 – December 2020 (Principal Investigator; Share \$47,260).
12. "International Travel Funding." College of Agricultural and Environmental Sciences, Office of Global Programs, University of Georgia, \$2,000, May 2019 – June 2019. (Principal Investigator; Share \$2,000).
13. "Cotton Enterprise Budget Initiative and Education Program for GA Producers." Georgia Cotton Commission, \$26,000, January 2019 – December 2019 (Principal Investigator; Share \$18,200).
14. "Evaluating the Current Production Practices to Improve the Efficiency in Cotton Production." Cotton Incorporated, \$9,500, January 2019 – December 2020 (Principal Investigator; Share \$9,500).
15. "An Economic Analysis of Cover Crop Utilization in Georgia Cotton and Peanut Production." University of Georgia Extension Innovation Grant, \$2,500, July 2018 – June 2019 (Principal Investigator; Share \$2,500).
16. "A Risk Analysis of Precision Farming for Tomato Production." Eastern Kentucky University Faculty Mini-Grants, \$1,957.82, April 2017 – December 2017 (Principal Investigator; Share \$1,957.82).
17. "Reducing Losses to Potato and Tomato Late Blight by Monitoring Pathogen Populations, Improved Resistant Plants, Education, and Extension." USDA-NIFA, AFRI Competitive Grant, March 2011 – February 2016 (Funding for Graduate Study).

Submitted

1. "Economic Analysis of Cover Crop Utilization in Cotton Production." Cotton Incorporated, \$30,000, January 2022 – December 2022 (Principal Investigator; Share \$13,519).
2. "Cotton Economics and Education Program to Ensure Long-Term Sustainability and Profitability." Georgia Cotton Commission, \$52,000, January 2023 – December 2023 (Principal Investigator; Share \$42,000).
3. "Variable-Rate Application of Crop Inputs to Improve Cotton Production Efficiency and Profitability in Georgia." Georgia Cotton Commission, \$50,000, January 2023 – December 2023 (Co-Principal Investigator).
4. "Plant-based precision irrigation management for improved system-level sustainability." Foundation for Food & Agriculture Research 2021 Seeding Solutions: Addressing Challenges in Food and Agriculture Funding Opportunity, \$594,577, February 2023 – January 2027 (Co-Principal Investigator; Share \$123,707).

Not Funded

1. “Scaling Up Participation in Voluntary Agricultural Carbon Programs.” 2021 USDA NIFA North Central Region (NCR), Sustainable Agriculture Research and Education, Research and Education Grant Program. 2022 – 2024 (Co-Principal Investigator).
2. “Sustainable Novel Rotational Intensification in the Southern Environment.” USDA NIFA – SAS Agriculture and Food Research Initiative Competitive Grants Program, \$10,000,000, January 2022 – December 2026 (Co-Principal Investigator; Share \$413,932).
3. “Plant-based precision irrigation management for improved system-level sustainability.” Foundation for Food & Agriculture Research 2021 Seeding Solutions: Addressing Challenges in Food and Agriculture Funding Opportunity, \$594,577, February 2022 – January 2026 (Co-Principal Investigator; Share \$123,707).
4. “Racial and Ethnic Disparities in Comorbidities and Treatment among Hospitalized Patients with Diagnosed Obesity in Rural versus Urban Areas.” 2021 UGA Obesity Initiative Seed Grant call, \$9,354. 2022 – 2023 (Co-Principal Investigator).
5. “On-farm Demonstration and Evaluation of Cover Crop with Compost to Improve Soil Health and Control Plant-parasitic Nematodes.” USDA – NRCS Conservation Innovation Grants On-Farm Conservation Innovation Trials, \$5,000,000, January 2022 – December 2025 (Co-Principal Investigator; Share \$147,551).
6. “Economics of Best Management Practices for Peanut Production to Improve Water Quality and Quantity in the Upper Floridan Aquifer.” Georgia Peanut Commission, \$24,650, July 2021 – June 2022 (Principal Investigator, Share \$17,150).
7. “Agronomic, physiological, and economic assessment of wide-row cotton production in Georgia.” Georgia Farm Bureau, \$10,000, February 2021 – December 2021 (Co-Principal Investigator).
8. “Crop Insurance and Risk Management Education for Row Crop Producers in Georgia” Georgia Farm Bureau, \$20,000, February 2021 – December 2021 (Principal Investigator).
9. “Racial and Ethnic Disparities in Comorbidities and Treatment among Hospitalized Patients with Diagnosed Obesity in Rural versus Urban Areas.” University of Georgia 2021 OI Seed Grant Program, \$11,885, 2021 – 2021 (Co-Principal Investigator).
10. “Economic Analysis of Cover Crop Utilization in Peanut Production.” Southeastern Peanut Research Initiative, National Peanut Board, \$22,500, January 2021 – June 2022 (Principal Investigator).
11. “Estimating the value of soil health strategies for insect pest management.” USDA-SARE Competitive Grant, 2021 – 2023 (Co-Principal Investigator).
12. “Managing Price Risks through Marketing Strategies for Georgia Cotton Producers.” Georgia Farm Bureau, \$20,000, February 2020 – December 2020 (Principal Investigator).
13. “Cotton’s secret fiber: Evaluating the genetic, biochemical and commercial potential of cotton bast fibers as sustainable, value-added co-products for textiles and manufacturing.” USDA-AFRI SAS Competitive Grant, 2019 (Co-Principal Investigator).

14. “Impact of conservation tillage on soil carbon enrichment, water conservation, and profitability for Georgia cotton producers.” Georgia Cotton Commission, \$19,994, January 2019 – December 2019 (Co-Principal Investigator).
15. “Investigated the sustainability of a conventional cotton rotational system within a GM system.” USDA-SARE Competitive Grant, 2018 (Co-Principal Investigator).

PUBLICATIONS

* indicates student

Peer-Reviewed Journal Articles

1. Virk, S. *, Porter, W., Snider, J., Rains, G., Li, C., & Liu, Y. (2021) Cotton Emergence and Yield Response to Planter Depth and Downforce Settings in Different Soil Moisture Conditions. *AgriEngineering*. 3(2), 323-338; <https://doi.org/10.3390/agriengineering3020022>
2. Widmar, N. O., Bir, C., Wolf, C., Lai, J., and **Liu, Y.** (2020). #Eggs: social and online media-derived perceptions of egg-laying hen housing. *Poultry Science*. 99(11), 5697-5706. <https://doi.org/10.1016/j.psj.2020.07.011>.
3. Langemeier, M. R. & **Liu, Y.** (2020). Comparing Net Return to Land and Risk for Alternative Leasing Arrangements. *Journal of American Society of Farm Managers and Rural Appraisers*.
4. Hancock, G. A. *, **Liu, Y.**, Smith, A. R., & Plastina, A. (2020). Motivations and Challenges of Cover Crop Utilization for Georgia Crop Production. *Journal of American Society of Farm Managers and Rural Appraisers*.
5. Fan, F., **Liu, Y.**, DeLaune, P.B., Mubvumba, P., Park, S., & Bevers, S. J. (2020). Net return and risk analysis of winter cover crops in Dryland Cotton systems. *Agronomy Journal*. <https://doi.org/10.1002/agj2.20091>
6. Fan, F., **Liu, Y.**, DeLaune, P.B., Mubvumba, P., Park, S., & Bevers, S. J. (2020) Economic analysis of adopting no-till and cover crops in irrigated cotton production under risk. *Agronomy Journal*. 1(11). <https://doi.org/10.1002/agj2.20005>
7. Bowers, C., Toews, M., **Liu, Y.**, & Schmidt, J. M. (2020). Cover crops improve early season natural enemy recruitment and pest management in cotton production. *Biological Control*. 141(104149).
8. Dorfman, J. H., **Liu, Y.**, & Rabinowitz, A. N. (2018). Estimating Agricultural Losses from a Hurricane. *Journal of Agribusiness*. 36(2).
9. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., Fry, W. E., Ristaino, J. B., Saville, A., Gramig, B. M., & Preckel, P. V. (2018). A Risk Analysis of Precision Agriculture Technology to Manage Tomato Late Blight. *Sustainability*. 10(9):3108.
10. **Liu, Y.**, Robinson, J. R. C., & Shurley, W. D. (2018). China’s Potential Cotton Tariffs and U.S. Cotton Exports: Lessons from History. *Choices*. Quarter 2.
11. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2017). Risk Management Strategies Using Precision Agriculture Technology to Manage Potato Late Blight. *Agronomy Journal*. doi: 10.2134/agronj2016.07.0418

Peer-Reviewed Extension Publications

1. **Liu, Y.** (2022). [Rise in Input Costs for Cotton Production: Make and Keep a New Year's Plan.](#) *Southern Ag Today*. February 7, 2022.
2. **Liu, Y.** (2022). [China's Purchase of U.S. Cotton Increased in 2020 and 2021.](#) *Southern Ag Today*. January 13, 2022.
3. **Liu, Y.**, Adhikari, S.*, Liu, J., & Escalante, C. L. Timeline of the U.S. - China Trade Dispute and Tariffs on Cotton and Textile Trade. *University of Georgia Extension*. Publication No. Circular 1259.
4. **Liu, Y.** (2021). [Did Speculative Money Cause the Recent Surge in Cotton Futures Prices?](#) *Southern Ag Today*. November 15, 2021.
5. Bhattarai, A.*, **Liu, Y.**, Smith, A. R., Porter, W. M., Calvin, P., & Cloud, C. (2021). The Cost of Irrigation: Ownership and Operating Costs through Irrigation Budgets for South Georgia. *University of Georgia Extension*. Publication No. Circular 1235. June 2021.
6. **Liu, Y.** & Lai, J. (2020). [Social Life of Food in a Digital World – A case of the Incredible Edible Egg.](#) *Consumer Corner*. Publication No. ConsumerCorner.2020.Letter.27. November 2020.
7. **Liu, Y.** & Robinson, J. R. C. (2020). Upland Cotton Marketing Using Marketing Assistance Loan and Loan Deficiency Payment: Which Option is Better? *University of Georgia Extension*. Publication No. Circular 1222. November 2020.
8. **Liu, Y.**, Bhattarai, A.* & Welch, J. M. (2020). Understanding the Commodity Loan Programs for Major Row Crops in Georgia. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-20-02PR. March 2020.
9. **Liu, Y.**, Bhattarai, A.* & Robinson, J. R. C. (2020). Marketing Assistance Loan and Loan Deficiency Payment Program for Upland Cotton. *University of Georgia Extension*. Publication No. Circular 1194. March 2020.
10. Rabinowitz, A. N., **Liu, Y.** & Lai, J. H. (2019). The 2018 Farm Bill PLC and ARC Decision: Implications for Georgia Producers. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-19-14PR. November 2019.
11. **Liu, Y.**, Rabinowitz, A. N. & Lai, J. H. (2019). Computing the PLC and ARC Safety Net Payments in the 2018 Farm Bill. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-19-13PR. November 2019.
12. **Liu, Y.**, Rabinowitz, A. N. & Lai, J. H. (2019). Eligibility and Payments under the 2018 Farm Bill PLC and ARC Programs. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-19-12PR. November 2019.
13. **Liu, Y.**, Lai, J. H. & Rabinowitz, A. N. (2019). Updating the Price Loss Coverage (PLC) Payment Yields in the 2018 Farm Bill. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-19-10PR. October 2019.
14. **Liu, Y.**, Rabinowitz, A. N. & Lai, J. H. (2019). Understanding the 2018 Farm Bill Effective Reference Price. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-19-02PR. July 2019.

15. Munisamy, G., **Liu, Y.**, Rabinowitz, A. N. & Dorfman, J. H. (2019). The Costs to Agriculture from Recent Trade Disputes: A Georgia Perspective. Policy Brief. *Center for Agribusiness and Economic Development. Department of Agricultural and Applied Economics, University of Georgia.* June 6, 2019.
16. Shurley, W. D. & **Liu, Y.** (2019). Cotton Payments, Disaster Assistance, and Safety Net Update. *Department of Agricultural and Applied Economics, University of Georgia.* Report No. AGECON-19-01PR. March 2019.
17. Shurley, W. D. & **Liu, Y.** (2018). Implications of Hurricane Michael on the Seed Cotton ARC/PLC Selection Decision. *Department of Agricultural and Applied Economics, University of Georgia.* Report No. AGECON-18-09PR. October 2018.
18. Shurley, W. D. & **Liu, Y.** (2018). Prices and Payments Update: Making the Generic Base Conversion Decision. *Department of Agricultural and Applied Economics, University of Georgia.* Report No. AGECON-18-08PR. August 2018.
19. **Liu, Y.**, Fonsah, E. G., Russell, L. A., Rabinowitz, A. N., & Shurley, W. D. (2018). The Impacts of China and United States Trade and Tariff Actions on Georgia Agriculture: the Perspectives of UGA Agricultural Economists. *University of Georgia Extension.* Publication No. TP 104. June 2018.
20. Rabinowitz, A. N. & **Liu, Y.** (2018). What Farmers Need to Know about Crop Insurance and Prevented Planting. *Department of Agricultural and Applied Economics, University of Georgia.* Report No. AGECON-18-07PR. May 2018.
21. Shurley, W. D., **Liu, Y.**, & Rabinowitz, A. N. (2018). Policy Update: House Ag Committee Farm Bill Proposal and Seed Cotton Program FSA Timeline. *Department of Agricultural and Applied Economics, University of Georgia.* Report No. AGECON-18-06PR. May 2018.
22. Gloy, B., Allen, B., Lai, J., Li, S., **Liu, Y.**, . . . Wendler, H. (2012). *Farmland Values: Perspectives from the Field.* West Lafayette, Indiana: Purdue Center for Commercial Agriculture.

Book Chapters

1. **Liu, Y.** (2022). Cotton. In *2022 Georgia Ag Forecast Situation and Outlook Reports.* College of Agricultural and Environmental Sciences, University of Georgia.
2. **Liu, Y.** (2022). 2022 Cotton Outlook and Market Situation. In *2022 Georgia Cotton Production Guide.* College of Agricultural and Environmental Sciences, University of Georgia.
3. **Liu, Y.** (2021). Cotton. In *2021 Georgia Ag Forecast Situation and Outlook Reports.* College of Agricultural and Environmental Sciences, University of Georgia.
4. **Liu, Y.** (2021). Economic Situation and 2021 Market Outlook. In *2021 Georgia Cotton Production Guide.* College of Agricultural and Environmental Sciences, University of Georgia.
5. **Liu, Y.** (2020). Cotton. In *2020 Georgia Ag Forecast Situation and Outlook Reports.* College of Agricultural and Environmental Sciences, University of Georgia.

6. **Liu, Y.** (2020). Economic Situation and 2020 Market Outlook. In *2020 Georgia Cotton Production Guide*. College of Agricultural and Environmental Sciences, University of Georgia.
7. **Liu, Y.** (2020). Cotton. In *2020 Georgia Economic Outlook*. Selig Center for Economic Growth, Terry College of Business, University of Georgia.
8. **Liu, Y.** (2019). Economic Situation and 2019 Market Outlook. In *2019 Georgia Cotton Production Guide*. College of Agricultural and Environmental Sciences, University of Georgia.
9. Campbell, B., Fonsah, E. G., **Liu, Y.**, & Rabinowitz, A. N. (2019). Farm Bill Overview. In *2019 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
10. **Liu, Y.** (2019). Cotton. In *2019 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
11. **Liu, Y.** & Shurley, W. D. (2019). Cotton. In *2019 Georgia Economic Outlook*. Selig Center for Economic Growth, Terry College of Business, University of Georgia.

Extension Publications

1. **Liu, Y.** (2022). Encouraging Participation at Utilizing Precision Ag Technology Workshop. In: *UGA Cotton News, University of Georgia Extension*. February 2022.
2. **Liu, Y.** (2022). 2021 Georgia Quality Cotton Awards – Deadline Extended. In: *UGA Cotton News, University of Georgia Extension*. January 2022.
3. **Liu, Y.** (2021). Precision Agriculture Technology Needs Assessment Survey. In: *UGA Cotton News, University of Georgia Extension*. December 2021.
4. **Liu, Y.** (2021). 2021 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2021.
5. **Liu, Y.** (2020). As the Rally in Cotton Prices Rolls on, Signs of Caution Grow about the Road Ahead. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. August 2021.
6. **Liu, Y.** (2020). 2020 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2020.
7. **Liu, Y.** (2020). Cotton Market Reacts to the Hurricane Season. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. September 2020.
8. **Liu, Y.** (2020). Forecast Remains Cloudy for the Cotton Market this Year. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. July 2020.
9. **Liu, Y.** (2020). World Cotton Demand Plummeted due to COVID-19 Pandemic. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. May 2020.
10. **Liu, Y.** (2020). Cotton Prices may Suffer during Coronavirus Pandemic. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. April 2020.
11. **Liu, Y.** (2019). 2018 Farm Bill ARC and PLC Timeline. In: *UGA Cotton News, University of Georgia Extension*. December 2019.

12. **Liu, Y.** (2019). 2019 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2019.
13. **Liu, Y.** (2019). 2019 Cotton Outlook. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. September 2019.
14. **Liu, Y.** (2019). 2019 Cotton Outlook. In: *UGA Cotton News, University of Georgia Extension*. September 2019.
15. Munisamy, G., **Liu, Y.**, Rabinowitz, A. N. & Dorfman, J. H. (2019). The Costs to Agriculture from Recent Trade Disputes: A Georgia Perspective. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. June 2019.
16. Shurley, W. D. & **Liu, Y.** (2019). Cotton Payments, Disaster Assistance, and Safety Net Update. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. March 2019.
17. Shurley, W. D. & **Liu, Y.** (2019). Cotton Payments, Disaster Assistance, and Safety Net Update. In: *UGA Cotton News, University of Georgia Extension*. March 2019.
18. **Liu, Y.** (2018). 2018 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2018.
19. **Liu, Y.**, & Rabinowitz, A. N. (2018). First Look at the Farm Bill Title I for Row Crops: Agriculture Improvement Act of 2018. In: *UGA Cotton News, University of Georgia Extension*. December 2018.
20. **Liu, Y.**, & Rabinowitz, A. N. (2018). First Look at the Farm Bill Title I for Row Crops: Agriculture Improvement Act of 2018. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. December 2018.
21. **Liu, Y.**, & Rabinowitz, A. N. (2018). First Look at the Farm Bill Title I for Row Crops: Agriculture Improvement Act of 2018. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-18-10. December 2018.
22. Shurley, W. D. & **Liu, Y.** (2018). Implications of Hurricane Michael on the Seed Cotton ARC/PLC Selection Decision. In: *UGA Cotton News, University of Georgia Extension*. November 2018.
23. Shurley, W. D. & **Liu, Y.** (2018). Implications of Hurricane Michael on the Seed Cotton ARC/PLC Selection Decision. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. November 2018.
24. **Liu, Y.** & Smith, A. R. (2018). Preliminary Estimation of Cotton Damages from Hurricane Michael. In: *UGA Cotton News, University of Georgia Extension*. October 2018.
25. **Liu, Y.** & Smith, A. R. (2018). Preliminary Estimation of Cotton Damages from Hurricane Michael. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. October 2018.
26. **Liu, Y.** (2018). Agricultural Disaster Assistance Information Session for Producers Affected by Hurricane Michael. In: *UGA Cotton News, University of Georgia Extension*. October 2018.

27. **Liu, Y.** (2018). Market Facilitation Program: What is available to cover my marketing losses from trade tariffs? In: *Plow Points, Wheeler and Jeff Davis County Extension, University of Georgia Extension*. October 2018.
28. **Liu, Y.** (2018). Market Facilitation Program: What is available to cover my marketing losses from trade tariffs? In: *UGA Cotton News, University of Georgia Extension*. October 2018.
29. **Liu, Y.** (2018). Market Facilitation Program: What is available to cover my marketing losses from trade tariffs? In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. October 2018.
30. **Liu, Y.** (2018). Trade Aid Details of the Market Facilitation Program for Producers. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. October 2018.
31. **Liu, Y.** & Shurley, W. D. (2018). Cotton Outlook. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. September 2018.
32. **Liu, Y.** & Shurley, W. D. (2018). Cotton Outlook. In: *UGA Cotton News, University of Georgia Extension*. September 2018.
33. **Liu, Y.**, Shurley, W. D., & Rabinowitz, A. N. (2018). Generic Base/Seed Cotton Program Timeline. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. July 2018.
34. **Liu, Y.**, Robinson, J. R. C., & Shurley, W. D. (2018). China's Potential Cotton Tariffs and U.S. Cotton Exports. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. July 2018.
35. **Liu, Y.**, Robinson, J. R. C., & Shurley, W. D. (2018). The Impact of China's Potential Cotton Tariffs on U.S. Cotton Exports. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. June 2018.
36. **Liu, Y.**, Fonsah, E. G., Russell, L. A., Rabinowitz, A. N., & Shurley, W. D. (2018). The Impacts of Chinese Tariff on Georgia Agriculture. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. June 2018.
37. Rabinowitz, A. N. & **Liu, Y.** (2018). What Farmers Need to Know about Crop Insurance and Prevented Planting. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. June 2018.
38. **Liu, Y.**, Shurley, W. D., & Rabinowitz, A. N. (2018). Generic Base/Seed Cotton Program Timeline. In: *UGA Cotton News, University of Georgia Extension*. May 2018.
39. Rabinowitz, A. N., Shurley, W. D., & **Liu, Y.** (2018). 2018 Farm Bill Update. In: *UGA Cotton News, University of Georgia Extension*. May 2018.
40. Shurley, W. D., **Liu, Y.**, & Rabinowitz, A. N. (2018). 2018 Farm Bill and Seed Cotton Program Timeline Update. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. May 2018.
41. **Liu, Y.**, Rabinowitz, A. N., & Shurley, W. D. (2018). The Impacts of China Trade Tariff on Georgia Row Crops. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. May 2018.

42. **Liu, Y.**, Rabinowitz, A. N., Fonsah, E. G., & Russell, L. A. (2018). What is going on between the United States and China Trade Tariff Negotiations. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. May 2018.
43. **Liu, Y.** (2015). More Precision Agriculture for More Farmers. In: *Harvest 2050 Blog, edited by M. M. Zeigler: Global Harvest Initiative*. November 4, 2015.

Working Papers

1. **Liu, Y.** & Zhang, W. Nurturing international graduate students for a more diversified and inclusive extension workforce. *Applied Economics Teaching Resources*. (Under Review).
2. **Liu, Y.**, Snider, J. L., Bhattarai, A.*, & Collins, G. Economic Penalties Associated with Irrigation During High Rainfall Years in the Southeastern United States. *Agricultural Water Management*. (Under Review).
3. Bhattarai, A.*, **Liu, Y.**, Liakos, V., Vellidis, G. & Smith, A. R. Economic Analysis of Modern Irrigation Scheduling Strategies for Cotton. *Agricultural Water Management*. (Under Review).
4. Bhattarai, A.*, **Liu, Y.**, Liakos, V., Vellidis, G. & Smith, A. R. Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia. (Manuscript Completed).
5. **Liu, Y.**, Liu, J., Adhikari, S.*, & Escalante, C. The impacts of Sino – U.S. trade war on U.S. and Chinese cotton industry. (In Progress)
6. Liu, J. , **Liu, Y.**, Adhikari, S.*, & Escalante, C. Chinese retaliatory tariffs on U.S. cotton and its impact on U.S. cotton industry and global cotton exports. (In Progress)
7. Escalante, C., **Liu, Y.**, Adhikari, S.*, & Liu, J. U.S. tariffs on Chinese textiles and its impact on Chinese textile industry and global textile exports. (In Progress)

Popular Press Articles

1. **Liu, Y.** (2021). [A Year Of Good Yields And Prices](#). Cotton Farming. December 1, 2021.
2. **Liu, Y.** (2021). A Year Of Good Yields And Prices. Cotton Farming. Page 10. December 2021 Issue.
3. **Liu, Y.** (2021). [Stay Aware Of Market Risk: As Cotton Prices Rally, Caution Signs Grow on the Road Ahead](#). Cotton Farming. September 1, 2021.
4. **Liu, Y.** (2021). Stay Aware Of Market Risk: As Cotton Prices Rally, Caution Signs Grow on the Road Ahead. Cotton Farming. Page 14. September 2021 Issue.
5. **Liu, Y.** (2020). [Liu On Cotton: Optimism, Yes, But Rebound Will Take Time](#). AgFax. December 8, 2020
6. **Liu, Y.** (2020). [Forecast remains cloudy for state cotton market this year](#). Albany Herald. July 21, 2020
7. **Liu, Y.** (2020). [Forecast remains cloudy for state cotton market this year](#). KPVI. July 21, 2020
8. **Liu, Y.** (2020). [Liu on Cotton: Market Forecast Remains Cloudy](#). AgFax. July 15, 2020
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10. **Liu, Y.** (2020). Forecast remains cloudy for the cotton market this year. [University of Georgia Extension News](#). July 14, 2020
11. **Liu, Y.** (2020). Forecast remains cloudy for the cotton market this year. [University of Georgia, College of Agricultural and Environmental Sciences, News and Events](#). July 14, 2020
12. **Liu, Y.** (2020). Forecast remains cloudy for the cotton market this year. [University of Georgia, College of Agricultural and Environmental Sciences, Media Newswire](#). July 14, 2020
13. **Liu, Y.** (2020). [World cotton demand plummets due to COVID-19 pandemic](#). Georgia Crop Improvement Association. May 11, 2020
14. **Liu, Y.** (2020). [Cotton demand plummets due to COVID-19 pandemic](#). The Moultrie Observer. May 9, 2020
15. **Liu, Y.** (2020). World cotton demand plummets due to COVID-19 pandemic. [University of Georgia, College of Agricultural and Environmental Sciences, News and Events](#). May 7, 2020
16. **Liu, Y.** (2020). World cotton demand plummets due to COVID-19 pandemic. [University of Georgia, College of Agricultural and Environmental Sciences, Media Newswire](#). May 7, 2020
17. **Liu, Y.** (2020). World cotton demand plummets due to COVID-19 pandemic. [University of Georgia, College of Agricultural and Environmental Sciences, Forages News](#). May 7, 2020
18. **Liu, Y.** (2020). [Liu on cotton: downward market pressure continues](#). Ag Fax. May 6, 2020
19. **Liu, Y.** (2020). [Cotton prices may suffer during pandemic](#). The Tifton Gazette. April 4, 2020
20. **Liu, Y.** (2020). [Cotton prices may suffer during pandemic](#). Farms. March 30, 2020
21. **Liu, Y.** (2020). [Liu on cotton: weighing whether to take the LDP](#). Ag Fax. March 29, 2020
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23. **Liu, Y.** (2020). [Cotton prices may suffer during coronavirus pandemic](#). Cotton Farming. March 25, 2020
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25. **Liu, Y.** (2020). Cotton prices may suffer during pandemic. [University of Georgia, College of Agricultural and Environmental Sciences, Media Newswire](#). March 24, 2020
26. **Liu, Y.** (2020). Cotton prices may suffer during pandemic. [University of Georgia, College of Agricultural and Environmental Sciences, Extension News](#). March 24, 2020
27. **Liu, Y.** (2020). [Liu on cotton: continued volatility, down-side price risk](#). AgFax. March 20, 2020
28. **Liu, Y.** (2020). [Liu: Cotton outlook under worldwide coronavirus outbreak](#). Georgia Cotton Commission Newsletter. March 20, 2020
29. **Liu, Y.,** Bhattarai, A.* & Robinson, J. R. C. (2020). [Marketing assistance loans, loan deficiency payments for upland cotton](#). Georgia Cotton Commission Newsletter. March 16, 2020

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31. **Liu, Y.** (2019). [Tariffs Weigh Heavily on Cotton Outlook](#). Cotton Farming. September 19, 2019
32. Shurley, W. D. & **Liu, Y.** (2019). [Cotton Payments, Disaster Assistance, and Safety Net Update](#). Ben Hill County, University of Georgia Extension. March 14, 2019
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34. **Liu, Y.** & Rabinowitz, A. N. (2019). [First Look at the Farm Bill Title I for Row Crops: Agriculture Improvement Act of 2018](#). Laurens County Extension Blog. January 2, 2019.
35. **Liu, Y.** & Rabinowitz, A. N. (2019). [Georgia: 11 Tweaks, Changes For ARC/PLC, MAL and LDP](#). AgFax. December 27, 2018
36. **Liu, Y.** & Rabinowitz, A. N. (2019). First Look at the Farm Bill Title I for Row Crops: Agriculture Improvement Act of 2018. Irwin County Extension Agriculture News. December 21, 2018
37. Shurley, W. D. & **Liu, Y.** (2018). [Georgia Cotton: Hurricane Michael Impacts on ARC/PLC Decision](#). AgFax. November 12, 2018
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40. **Liu, Y.**, Robinson, J. R. C., & Shurley, W. D. (2018). [China's Potential Cotton Tariffs and U.S. Cotton Exports: Lessons from History](#). Agfax. July 18, 2018.
41. **Liu, Y.**, Robinson, J. R. C., & Shurley, W. D. (2018). [China's Potential Cotton Tariffs and U.S. Cotton Exports: Lessons from History](#). Thrakika Ekkokistiria S.A. Cotton Ginning Mill in Komotini, Greece. June 7, 2018.
42. Rabinowitz, A. N. & **Liu, Y.** (2018). [Georgia Cotton: Prevented Planting and Crop Insurance – 5 Common Questions](#). Agfax. June 5, 2018.
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44. Shurley, W. D., **Liu, Y.**, & Rabinowitz, A. N. (2018). [Seed Cotton Provisions and the Farm Bill – Everything You Need to Know](#). Agfax. May 15, 2018.
45. **Liu, Y.**, Rabinowitz, A. N., & Shurley, W. D. (2018). [The Impacts of China Trade Tariff on Georgia Row Crops](#). Lowndes – Echols Ag News. May 10, 2018

PowerPoints, Decision Aids, and Budgets

1. Zhou, M.*, **Liu, Y.**, & Smith, A. R. (2022). Cotton Budget: Conventional Tillage, Non-Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2021.

2. Zhou, M.*, **Liu, Y.**, & Smith, A. R. (2022). Cotton Budget: Conventional Tillage, Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2021.
3. Zhou, M.*, **Liu, Y.**, & Smith, A. R. (2022). Cotton Budget: Strip Tillage, Non-Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2021.
4. Zhou, M.*, **Liu, Y.**, & Smith, A. R. (2022). Cotton Budget: Strip Tillage, Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2021.
5. Smith, A. R. & **Liu, Y.** (2022). Estimate of 2022 Relative Row Crop Costs and Net Returns. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. November 2021
6. **Liu, Y.** (2021). Texas A&M University ARC-CO/PLC Decision Aid. *Department of Agricultural and Applied Economics, University of Georgia*. PowerPoint.
7. Zhou, M.*, **Liu, Y.**, & Smith, A. R. (2021). Cotton Budget: Conventional Tillage, Non-Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2020.
8. Zhou, M.*, **Liu, Y.**, & Smith, A. R. (2021). Cotton Budget: Conventional Tillage, Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2020.
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10. Zhou, M.*, **Liu, Y.**, & Smith, A. R. (2021). Cotton Budget: Strip Tillage, Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2020.
11. Bhattarai, A.*, Smith, A. R., **Liu, Y.**, Porter, W. M., Calvin, P., Cloud, C. & Hall, D. (2021). 65 Acre Diesel Powered Center Pivot Irrigation Budget. *Department of Agricultural and Applied Economics, University of Georgia*. Budget.
12. Bhattarai, A.*, Smith, A. R., **Liu, Y.**, Porter, W. M., Calvin, P., Cloud, C. & Hall, D. (2021). 160 Acre Diesel Powered Center Pivot Irrigation Budget. *Department of Agricultural and Applied Economics, University of Georgia*. Budget.
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15. Smith, A. R. & **Liu, Y.** (2021). Estimate of 2021 Relative Row Crop Costs and Net Returns. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. January 2021.
16. **Liu, Y.**, Daugherty, G.*, & Robinson, J. (2020). Understanding Marketing Assistance Loans and Loan Deficiency Payments. *Department of Agricultural and Applied Economics, University of Georgia*. PowerPoint.
17. Bhattarai, A.*, Smith, A. R., **Liu, Y.**, Porter, W. M., Calvin, P., & Cloud, C. (2020). 65 Acre Diesel Powered Center Pivot Irrigation Budget. *Department of Agricultural and Applied Economics, University of Georgia*. Budget.
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25. Smith, A. R., Rabinowitz, A. N., & **Liu, Y.** (2020). Estimate of 2020 Relative Row Crop Costs and Net Returns. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. December 2019.
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31. **Liu, Y.** & Barentine, R. (2018). Cotton Harvest Breakeven Yield Calculator. *Department of Agricultural and Applied Economics, University of Georgia*. Decision Aid. November 2018.
32. **Liu, Y.** & Shurley, W. D. (2018). 2018 Seed Cotton ARC and PLC Comparison Decision Aid. *Department of Agricultural and Applied Economics, University of Georgia*. PowerPoint Slides. November 2018.
33. **Liu, Y.** & Shurley, W. D. (2018). 2018 Seed Cotton (SC) Agricultural Risk Coverage (ARC) and Price Loss Coverage (PLC) Comparison Decision Aid (SC-DA-2). *Department of Agricultural and Applied Economics, University of Georgia*. Decision Aid. November 2018.
34. **Liu, Y.** (2018). Agricultural Trade. *Department of Agricultural and Applied Economics, University of Georgia*. PowerPoint Slides. September 2018.
35. **Liu, Y.**, Shurley, W. D., Rabinowitz, A. N., & Smith, A. R. (2018). Seed Cotton Program Decision Aid. *Department of Agricultural and Applied Economics, University of Georgia*. PowerPoint Slides. September 2018.
36. Shurley, W. D., Rabinowitz, A. N., & **Liu, Y.** (2018). Seed Cotton (SC) Generic Base and Yield Update Decision Aid (SC-DA-1). *Department of Agricultural and Applied Economics, University of Georgia*. Decision Aid. March 2018.
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39. Shurley, W. D., Smith, A. R., & **Liu, Y.** (2018). Cotton Budget: Strip Tillage, Non-Irrigated. *Department of Agricultural and Applied Economics, University of Georgia*. Budget. March 2018.
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41. Rabinowitz, A. N., Shurley, W. D., Smith, A. R., & **Liu, Y.** (2018). Ag Policy Update within the Bipartisan Budget Act of 2018. *Department of Agricultural and Applied Economics, University of Georgia*. PowerPoint Slides. February 2018.

ACADEMIC PRESENTATIONS

* indicates student

Invited Presentations

1. **Liu, Y.** (2021). Governing with A Business Mindset. In *Advanced County Commissioner Program: Preparing County Leaders for Florida's Future*. Institute for County Government and University of Florida. Gainesville, Florida. October 8, 2021.
2. **Liu, Y.** (2021). Global Cotton Supply Chain: China – U.S. Trade War Impact. In *Food and Resource Economics Department, University of Florida*. Gainesville, Florida. July 13, 2021.
3. **Liu, Y.** (2020). Cotton Outlook. In *Southern Agricultural Economics Association Annual Meetings*. Louisville, Kentucky. February 4, 2020.
4. **Liu, Y.** (2019). Cotton Situation and Outlook. In *Southern Agricultural Outlook Conference*. Atlanta, Georgia, September 24, 2019.
5. **Liu, Y.** (2019). The Economic and Risk Impacts on Cover Crops Adoption. At *Department of Agricultural and Applied Economics, University of Georgia*. Athens, Georgia, August 28, 2019.
6. **Liu, Y.,** Robinson, J. R. C., Shurley, W. D., & Muhammad, A. (2019). U.S. - China Trade Dispute: The Challenges and Opportunities for U.S. Cotton. In *Agricultural and Applied Economics Association, Post-Conference Workshop*. Atlanta, Georgia, July 24, 2019.
7. **Liu, Y.,** Robinson, J. R. C., Shurley, W. D., & Rabinowitz, A. N. (2018). Global Cotton Trade Opportunities and Challenges for the U.S. In *Southern Extension Economics Committee Meeting*. Myrtle Beach, South Carolina, June 12, 2018.
8. Langemeier, M. R., **Liu, Y.,** & Wise, K. A. (2017). Economic Benefits of Fungicide Use in Corn. In *American Society of Agronomy Annual Meeting*. Tampa, Florida, October 25, 2017.
9. Small, I. M., **Liu, Y.,** Langemeier, M. R., Joseph, L., & Fry, W. E. (2017). Risk Analysis and Economic Optimization of Late Blight Management Tactics. In *American Phytopathological Society Annual Meeting*. San Antonio, Texas, August 6, 2017.
10. **Liu, Y.** (2017). Risk Management Strategies Using Precision Agriculture Technology to Manage Potato Late Blight. At *Department of Agricultural and Applied Economics, University of Georgia*. Tifton, Georgia, June 14, 2017.
11. **Liu, Y.,** Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2017). Risk Management Strategies Using Precision Agriculture Technology to Manage Potato Late Blight. At *Department of Agricultural Economics, University of Kentucky*. Lexington, Kentucky, January 20, 2017.
12. **Liu, Y.** (2016). Economic Benefit Analysis of the Late Blight Forecasting Systems. At *Gulf Coast Research and Education Center, University of Florida*. Wimauma, Florida, June 21, 2016.
13. **Liu, Y.** (2016). The Balance Sheet and Financial Ratios. At *Department of Agriculture, Eastern Kentucky University*. Richmond, Kentucky, May 9, 2016.

14. [Precision AG & Big Data: Technologies for Resilience](#). Panel discussion. **Yangxuan Liu**, Ruben G. Echeverría, Benjamin Pratt, Cory J. Reed, Jose Simas, and Michael Stern at *2015 Borlaug Dialogue and World Food Prize*. Des Moines, Iowa, October 14, 2015.

Conference Presentations

1. Gaire, B.*; Liu, Y.; Langemeier, M.; Colson, G. (2022). Risk Analysis of Agricultural Food Companies and Comparison of Capital Asset Pricing Model and Fama-French Model: An Empirical Evidence. In *Southern Agricultural Economics Association Annual Meetings*. New Orleans, Louisiana.
2. Judd, R. M.*; **Liu, Y.**; Karki, R.; Smith, A.; Kalin, L.; Koirala, U.; Adams, D. (2022). Farm-Scale Economic Analysis of Cotton Experiments in Tifton, Georgia. In *Southern Agricultural Economics Association Annual Meetings*. New Orleans, Louisiana.
3. Harkins, M.*, **Liu, Y.**, Plastina, A., Hancock, G. & Smith, A. R. (2022). Evaluating Economic Outcomes of the Utilization of Cover Crops in Southeastern Cotton Production. In *2022 Beltwide Cotton Conferences*. San Antonio, Texas.
4. Judd, R. M.*; **Liu, Y.**; Karki, R.; Smith, A.; Kalin, L.; Koirala, U.; Adams, D. (2022). Evaluating Best Management Practices Using Computer Simulated Farm-Scale Cotton Experiments. In *2022 Beltwide Cotton Conferences*. San Antonio, Texas.
5. Lawton, C. B., Snider, J. L., Roberts, P., **Liu, Y.**, Chee, P. W., and Hand, L. C. (2022). Evaluating Wide Row Production Systems in Georgia. In *2022 Beltwide Cotton Conferences*. San Antonio, Texas.
6. **Liu, Y.**, Liu, J., Adhikari, S.*, & Escalante, C. L. (2021). Impacts of the Sino-U.S. trade war on the major cotton and textile trading economies. In *24th Annual GTAP Conference on Global Economic Analysis*. Online Conference.
7. Smith, A. R., Judd, R. M.*, & **Liu, Y.** (2021). Risk Preference and Economics of Best Management Practices to Improve Water Quality and Quantity in the Upper Floridan Aquifer. In *Georgia Water Resources Conference*. Online Conference.
8. **Liu, Y.**, Liu, J., Adhikari, S.*, & Escalante, C. L. (2021). The impacts of Sino – U.S. trade war on U.S. and Chinese cotton industry. In *Southern Agricultural Economics Association Annual Meetings*. Online Conference.
9. Harkins, M. G.*, **Liu, Y.**, Plastina, A., & Smith, A. R. (2021). An Analysis of Cover Crop Use in Southeastern Row Crop Production: Economics, Production Practices, and Perceptions. In *Southern Agricultural Economics Association Annual Meetings*. Online Conference.
10. **Liu, Y.**, Fan, Y., Li, X., Orfanou, A., Pavlou, D., & Porter., W. M. (2021). Profitability and Risk Analysis of Corn Plant Density under Conservation and Conventional Tillage. In *Southern Agricultural Economics Association Annual Meetings*. Online Conference.
11. Fuhrer, L. M., Porter, W. M., Barnes, E. M., Virk, S., Rains, G. C., Snider, J. L., Smith, A. R., **Liu, Y.**, and Holt, C. (2021). Using Information from the John Deere Cotton HID System to Aid in Making Production Decisions. In *Beltwide Cotton Conferences*. Online Conference.
12. Smith, A. R., Hancock, G. A.*, Koirala, U., Karki, R., Athearn, K., & **Liu, Y.** (2020). Economics of Best Management Practices to Improve Water Quality and Quantity in the

- Upper Floridan Aquifer. In *Seventh Interagency Conference on Research in the Watersheds*. Tifton, Georgia. Online Conference.
13. Bhattarai, A.*, **Liu, Y.**, Liakos, V., Vellidis, G. & Smith, A. R. (2020). Economic Analysis of Modern Irrigation Scheduling Strategies on Cotton Production under Different Tillage Systems in South Georgia. In *Seventh Interagency Conference on Research in the Watersheds*. Tifton, Georgia. Online Conference.
 14. Yuan, H.*, **Liu, Y.**, Liu, J., & Escalante, C. (2020). The impacts of Chinese retaliatory tariffs on U.S. cotton industry. In 23rd Annual GTAP Conference on Global Economic Analysis. Tokyo, Japan. Online Conference.
 15. Yuan, H.*, **Liu, Y.**, Escalante, C., & Liu, J. (2020). The impacts of Chinese retaliatory tariffs on U.S. cotton industry. In *Southern Agricultural Economics Association Annual Meetings*. Louisville, Kentucky.
 16. Bhattarai, A.*, **Liu, Y.**, Smith, A. R., Liakos, V., & Vellidis, G. (2020). Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia. In *Southern Agricultural Economics Association Annual Meetings*. Louisville, Kentucky.
 17. Bhattarai, A.*, **Liu, Y.**, Smith, A. R., Liakos, V., & Vellidis, G. (2020). Economic Analysis of Modern Irrigation Scheduling Strategies on Cotton Production under Different Tillage Systems in South Georgia. In *2020 Beltwide Cotton Conferences*. Austin, Texas.
 18. Hancock, G. A.*, Smith, A. R., Koirala, U., Adams, D., Athearn, K., Karki, R., & **Liu, Y.** (2019). Using Simulation to Estimate Economic Effects of Best Management Practices Implemented to Improve Water Quality for Land in Row Crop Production in the Upper Floridan Aquifer. In *Southern Extension Economics Committee Meeting*. Nashville, Tennessee.
 19. **Liu, Y.** & Lai, J. H. (2019). Understanding the Changes in the 2018 Farm Bill for Title I Row Crops. In *Southern Extension Economics Committee Meeting*. Nashville, Tennessee.
 20. Hancock, G. A.*, Smith, A. R., Koirala, U., He, F., Adams, D., Borisova, T., Athearn, K., Guzman, S., & **Liu, Y.** (2019). Development of Best Management Practice Simulations with Enterprise Budgets for Production in the Flint and Suwanee River Basins. In *Southern Agricultural Economics Association Annual Meetings*. Birmingham, Alabama.
 21. Hancock, G. A.*, **Liu, Y.**, Smith, A. R., & Plastina, A. (2019). An Economic Analysis of Cover Crop Utilization in Georgia Cotton and Peanut Production. In *Southern Agricultural Economics Association Annual Meetings*. Birmingham, Alabama.
 22. **Liu, Y.**, Virk, S.*, Porter, W. M., Whitaker, J. R., & Snider, J. L. (2019). Economic Analysis of Seeding Rate and Planter Downforce in Singulated and Hill-Drop Planted Cotton. In *Beltwide Cotton Conferences*. New Orleans, Louisiana.
 23. **Liu, Y.**, Bhattarai, A.*, Snider, J. L., & Collins, G. (2019). Economic Analysis of Irrigation Scheduling Method on Cotton Production in Georgia and North Carolina. In *Beltwide Cotton Conferences*. New Orleans, Louisiana.
 24. Spaulding, A. D., Protopop, I., **Liu, Y.**, Pruitt, R., Santiago, M. L., Giri, A., & Sharma, S. (2018). Millennial College Students: What Keeps Them Engaged in Classroom? Multi-

- Institutional Survey of Agriculture Students. In *Agricultural and Applied Economics Association Annual Meetings*. Washington, D.C.
25. Rabinowitz, A. N., **Liu, Y.**, Smith, A. R., Porter, W. M., Perry, C. D., Monfort, W. S., Snider, J. L., Vellidis, G., Borron, A. & Holt, J. (2018). An Economic Analysis of Alternative Irrigation Scheduling Methods to Increase Water Use Efficiency. In *Southern Extension Economics Committee Meeting*. Myrtle Beach, South Carolina.
 26. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., Fry, W. E., Ristaino, J., & Saville, A. (2017). A Risk Analysis of Precision Farming for Tomato Production. In *Southern Agricultural Economics Association Annual Meetings*. Mobile, Alabama.
 27. **Liu, Y.**¹, Small, I. M.¹, Langemeier, M. R., Gramig, B. M., Preckel, P. V., Joseph, L., Wu, Y., & Fry, W. E. (2016). Evaluating Economic Threshold for Dynamically Optimal Disease Management. In *Agricultural and Applied Economics Association Annual Meeting*. Boston, Massachusetts. ¹These authors contributed equally to this study.
 28. **Liu, Y.**, Langemeier, M. R., Gramig, B. M., Preckel, P. V., Small, I. M., Joseph, L., & Fry, W. E. (2016). Economic Threshold for Dynamically Optimal Late Blight Management. In *Southern Agricultural Economics Association Annual Meetings*. San Antonio, Texas.
 29. Langemeier, M. R. & **Liu, Y.** (2015). Economic Benefit Analysis of the Late Blight Decision Support Systems. In *Late Blight Annual Meeting*. Duck Key, Florida.
 30. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2015). Risk Management Strategies Using Potato Precision Farming Technology. In *Agricultural and Applied Economics Association Annual Meeting*. San Francisco, California.
 31. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2015). A Risk Analysis of Precision Farming for Tomato Production. In *Northeastern Agricultural and Resource Economics Association's Annual Meeting*. Newport, Rhode Island.
 32. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2015). Economic Analysis of Using Cornell Decision Support System for Tomato Production. In *International Food and Agribusiness Management Association Annual Conference*. St. Paul, Minnesota.
 33. **Liu, Y.** (2015). Economies of Scale and Scope for Agricultural Production in Kansas. In *the 8th Midwest Graduate Student Summit*. West Lafayette, Indiana.
 34. **Liu, Y.**, Langemeier, M. R., & Wise, K. A. (2015). Economic Benefits of Fungicide Use in Corn Production. In *Southern Agricultural Economics Association Annual Meetings*. Atlanta, Georgia.
 35. **Liu, Y.** & Langemeier, M. R. (2014). Economic Analysis of Using Cornell Decision Support System for Potato Production. In *North American Late Blight Symposium*. Minneapolis, Minnesota.
 36. Langemeier, M. & **Liu, Y.** (2014). Economic Benefit Analysis of the Late Blight Forecasting Systems. In *Late Blight Annual Meeting*. Atlanta, Georgia.
 37. Gloy, B. & **Liu, Y.** (2013). Economic Assessment of Late Blight Tools Improvement and Progress. In *Late Blight Annual Meeting*. Atlanta, Georgia.

38. Gloy, B. & **Liu, Y.** (2012). Economic Assessment of Late Blight Tools. In *Late Blight Annual Meeting*. Atlanta, Georgia.
39. **Liu, Y.** & Wu, S. Y. (2012). Alternative Bargaining Model between Farmers and Brokers. In *International Food and Agribusiness Management Association Annual Symposium*. Shanghai, China.

Poster Presentations

1. Augustin, J.* & **Liu, Y.** (2022). Hedging Against Marketing Risk in Cotton Operations Using Commodity Futures. In *2022 Extension Risk Management National Conference*. Omaha, Nebraska.
2. Harkins, M.*, **Liu, Y.**, Plastina, A., Hancock, G., Smith, A. R., McGhee, N., Porter, W., & Culpepper, S. (2022). Environmental Sustainability Impacts of Cover Crops in Southeastern Cotton Production. In *2022 Beltwide Cotton Conferences*. San Antonio, Texas.
3. Ben Reeves, B., Kichler, J.M., Moon, C.S., Tyson, W.G., **Liu, Y.**, and Hand, L.C. (2022). Impact of Mixing Two Varieties on Yield, Fiber Quality, and Net Returns in Georgia. In *2022 Beltwide Cotton Conferences*. San Antonio, Texas.
4. Daugherty, G.*, Smith, A. R., **Liu, Y.**, Bhattarai*, A., Perry, C., Porter, W., Hall, D., & Cloud, C. (2021). Water for irrigation comes at a cost: an analysis of application and ownership costs through the UGA irrigation budgets and how-to-guide. In *Georgia Association of County Agricultural Agents Annual Meetings*. Tifton, Georgia.
5. Harkins, M.*, **Liu, Y.**, Plastina, A., Smith, A. R., Hancock, G., McGhee, N., Porter, W., Culpepper, S., & Secor, W. (2021). An analysis of cover crop use in Southeastern row crop production: economics, production practices, and perceptions. In *Georgia Association of County Agricultural Agents Annual Meetings*. Tifton, Georgia.
6. **Liu, Y.**, Liu, J., Adhikari, S.* & Escalante, C. L. (2021). The impacts of China – U.S. trade war on the cotton industry. In *Farm Bureau State Commodity Conference*. Tifton, Georgia.
7. Daugherty, G.*, Smith, A. R., **Liu, Y.**, Bhattarai*, A., Perry, C., Porter, W., Hall, D., & Cloud, C. (2021). Water for irrigation comes at a cost: an analysis of application and ownership costs through the UGA irrigation budgets and how-to-guide. In *Farm Bureau State Commodity Conference*. Tifton, Georgia.
8. Harkins, M.*, **Liu, Y.**, Plastina, A., Smith, A. R., Hancock, G., McGhee, N., Porter, W., Culpepper, S., & Secor, W. (2021). An analysis of cover crop use in Southeastern row crop production: economics, production practices, and perceptions. In *Farm Bureau State Commodity Conference*. Tifton, Georgia.
9. **Liu, Y.**, Liu, J., Adhikari, S*. & Escalante, C. L. (2021). The impacts of China – U.S. trade war on the cotton industry. In *Agricultural and Applied Economics Association Annual Meeting*. Austin, Texas.
10. Fan, Y., **Liu, Y.**, DeLaune, P., Mubvumba, P., Ale, S., Kimura, E., & Park, S. (2021). Economic feasibility of conservation tillage, cover crops, and irrigation levels in Texas High Plains cotton. In *Southern Agricultural Economics Association Annual Meetings*. Online Conference.

11. Fan, F., **Liu, Y.**, DeLaune, P.B., Mubvumba, P., & Park, S. (2020). An Economic Risk Analysis of Alternative Irrigation Regimes and Transitioning Tillage Systems in Cotton Production. In *Agricultural and Applied Economics Association Annual Meeting*. Online Conference.
12. Bhattarai, A.* , **Liu, Y.**, Liakos, V., Vellidis, G., & Smith, A. R. (2020). Economic Risk Analysis of Modern Irrigation Scheduling Methods on Cotton Production in Georgia. In *Agricultural and Applied Economics Association Annual Meeting*. Online Conference.
13. Zhou, M.* , **Liu, Y.** Smith, A. R., Porter, W., Culpepper, S., and Freeman, J. M. (2020). Cotton Enterprise Budgets: Understanding Production Costs and Breakeven Prices. In *2020 Beltwide Cotton Conferences*. Austin, Texas.
14. Bhattarai, A.* , Smith, A. R., **Liu, Y.**, Perry, C., and Cloud, C. (2020). The Cost of Irrigation: Ownership and Operating Costs through Irrigation Budgets for South Georgia. In *2020 Beltwide Cotton Conferences*. Austin, Texas.
15. Hancock, G. A.* , Athearn, K. R., Karki, R., Koirala, U., **Liu, Y.**, & Smith, A. R. (2019). Development of Best Management Practice Simulations with Enterprise Budgets for Production in the Flint River Basin. In *Georgia Association of County Agricultural Agents Annual Meetings*. Dublin, Georgia.
16. Hancock, G. A.* , **Liu, Y.**, Plastina, A. & Smith, A. R. (2019). An Economic Analysis of Cover Crop Utilization in Georgia Cotton and Peanut Production. In *Georgia Association of County Agricultural Agents Annual Meetings*. Dublin, Georgia.
17. Zhou, M.* , **Liu, Y.** Smith, A. R., Porter, W., Culpepper, S., and Freeman, J. M. (2019). Cotton Enterprise Budgets: Understanding Production Costs and Breakeven Prices. In *Farm Bureau State Commodity Conference*. Tifton, Georgia.
18. Bhattarai, A.* , Smith, A. R., **Liu, Y.**, Perry, C., and Cloud, C. (2019). Cost of Irrigation: Ownership and Operating Costs through Irrigation Budgets for South Georgia. In *Farm Bureau State Commodity Conference*. Tifton, Georgia.
19. Hancock, G. A.* , **Liu, Y.**, Smith, A. R., & Plastina, A. (2019). An Economic Analysis of Cover Crop Utilization in Georgia Cotton and Peanut. In *Southern Extension Economics Committee Meeting*. Nashville, Tennessee.
20. Hancock, G. A.* , **Liu, Y.**, Smith, A. R., & Plastina, A. (2019). An Economic Analysis of Cover Crop Utilization in Georgia Cotton and Peanut. In *University of Georgia Tifton Campus Centennial Ceremony Student Poster Symposium*. Tifton, Georgia.
21. **Liu, Y.** & Freeman, J. M. (2019). Evaluating the Current Production Practices to Improve the Efficiency in Cotton Production. In *Georgia Cotton Commission's 13th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia.
22. **Liu, Y.** & Freeman, J. M. (2019). Evaluating the Current Production Practices to Improve the Efficiency in Cotton Production. In *2019 Beltwide Cotton Conferences*. New Orleans, Louisiana.
23. Rabinowitz, A. N., **Liu, Y.**, & Perrin, P. (2018). Measuring Sustainability in Cotton and Peanut Production. In *Georgia Farm Bureau State Commodity Conference*. Tifton, Georgia.

24. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2015). Risk Management Strategies Using Potato Precision Farming Technology. In *Farm Foundation Round Table*. Columbus, Ohio.
25. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2015). Risk Management Strategies Using Potato Precision Farming Technology. In *2015 Purdue University the Office of Interdisciplinary Graduate Programs Spring Reception*. West Lafayette, Indiana.
26. **Liu, Y.**, Langemeier, M. R., Small, I. M., Joseph, L., & Fry, W. E. (2015). Risk Management Strategies Using Potato Precision Farming Technology. In *2015 Snyder Memorial Lecture*. West Lafayette, Indiana.
27. **Liu, Y.**, Gloy, B., & Langemeier, M. R. (2013). Economic Benefit Analysis of Late Blight Forecasting Systems and Management. In *Late Blight Annual Meeting*. Atlanta, Georgia.

EXTENSION ACTIVITIES

International

1. [Precision AG & Big Data: Technologies for Resilience](#). Panel discussion. **Yangxuan Liu**, Ruben G. Echeverría, Benjamin Pratt, Cory J. Reed, Jose Simas, and Michael Stern at *2015 Borlaug Dialogue and World Food Prize*. Des Moines, Iowa, October 14, 2015. Attendance: 2,064. Contact Hours: 1.5

National

1. **Liu, Y.** & Robinson, J. R. C. Marketing and Risk Management Programs for U.S. Cotton Producers. [Southern Extension Risk Management Education Webinar](#). Online Webinar. April 29, 2020. Attendance: 157. Contact Hours: 1

Regional and State

1. **Liu, Y.** Utilizing Precision Ag Technology Workshop. Albany, Georgia. March 31, 2022. Attendance: 38. Contact Hours: 4.5
2. **Liu, Y.** Utilizing Precision Ag Technology Workshop. Statesboro, Georgia. March 29, 2022. Attendance: 31. Contact Hours: 4.5
3. **Liu, Y.** & Smith, A. R. 2022 Georgia Ag Forecast – Row Crop Breakout Section. *Georgia Ag Forecast*. Tifton, Georgia and Online Webinar. January 28, 2022. Attendance: 115. Contact Hours: 0.5
4. **Liu, Y.** 2022 Cotton Market Outlook. *Georgia Cotton Commission's 16th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. Afternoon Section. January 26, 2022. Attendance: 7. Contact Hours: 0.5
5. **Liu, Y.** 2021 Georgia Quality Cotton Awards. *Georgia Cotton Commission's 16th Annual Meeting*. Tifton, Georgia. January 26, 2022. Attendance: 300. Contact Hours: 0.5
6. **Liu, Y.** 2022 Cotton Market Outlook. *Georgia Cotton Commission's 16th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. Morning Section. January 26, 2022. Attendance: 41. Contact Hours: 0.5

7. Smith, A. R. and **Liu, Y.** Crops that may provide the best ROI in 2022. In *Georgia Plant Food Education Society Annual Winter Meeting*. Tifton, Georgia. January 4, 2022. Attendance: 100. Contact Hours: 1
8. **Liu, Y.** Governing with A Business Mindset. In *Advanced County Commissioner Program: Preparing County Leaders for Florida's Future*. Institute for County Government and University of Florida. Gainesville, Florida. October 8, 2021. Attendance: 35. Contact Hours: 1.5
9. **Liu, Y.** Financial Management in Practice. Master Agri-Manager Series: Session 4: Financial Management. Forsyth, GA. November 9, 2021. Attendance: 16. Contact Hours: 1
10. **Liu, Y.** Choosing a Business Structure. Master Agri-Manager Series: Session 2: Legal Organizational Structures. Forsyth, GA. November 2, 2021. Attendance: 16. Contact Hours: 1
11. **Liu, Y.** Cotton Market Update. *2021 UGA Cotton & Peanut Research Field Day*. Tifton, GA. September 8, 2021. Attendance: 110. Contact Hours: 0.5
12. **Liu, Y.** Interdisciplinary Research and Extension Approach for Georgia cotton. *2021 Georgia Cotton Commission Research Review Day*. Tifton, GA. July 16, 2021. Attendance: 42. Contact Hours: 0.5
13. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. February 24, 2021. Attendance: 134. Contact Hours: 0.5
14. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. February 2, 2021. Attendance: 115. Contact Hours: 0.5
15. **Liu, Y.** & Smith, A. R. 2021 Georgia Ag Forecast – Row Crop Breakout Section. *Georgia Ag Forecast*. Online Webinar. January 29, 2021. Attendance: 177. Contact Hours: 0.5
16. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. January 28, 2021. Attendance: 189. Contact Hours: 0.5
17. **Liu, Y.** 2020 Georgia Quality Cotton Awards. *Georgia Cotton Commission's 15th Virtual Annual Meeting*. Virtual Meeting. January 27, 2021. Attendance: 178. Contact Hours: 0.5
18. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. January 19, 2021. Attendance: 89. Contact Hours: 0.5
19. **Liu, Y.** Market Outlook and Risk Management Programs for Cotton Producers. *Cotton and Peanut Research Virtual Field Day*. Online Webinar. September 9, 2020. Attendance: 190. Contact Hours: 0.5
20. **Liu, Y.** What to Expect in 2020! *37th Georgia Farmers Conference Federation of Southern Cooperatives*. Albany, Georgia. February 14, 2020. Attendance: 250. Contact Hours: 0.5
21. **Liu, Y.** Cotton Outlook. *Suwannee Valley Agricultural Outlook Conference*. Live Oak, Florida. February 6, 2020. Attendance: 50. Contact Hours: 0.5
22. **Liu, Y.** 2020 Georgia Ag Forecast. *Georgia Ag Forecast Series*. Bainbridge, Georgia. January 30, 2020. Attendance: 70. Contact Hours: 0.5

23. **Liu, Y.** 2019 Georgia Quality Cotton Awards. *Georgia Cotton Commission's 14th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. January 29, 2020. Attendance: 468. Contact Hours: 0.5
24. **Liu, Y.** Cotton Outlook. *2019 UGA Cotton & Peanut Research Field Day*. Tifton, Georgia. September 4, 2019. Attendance: 104. Contact Hours: 0.5
25. **Liu, Y.** Interdisciplinary Research and Extension Approach for Georgia cotton. *Georgia Cotton Commission Research Advisory Field Day*. Tifton, Georgia. July 26, 2019. Attendance: 20. Contact Hours: 0.5
26. **Liu, Y.** UGA Enterprise Budget: It's Important to Know Production Cost. *Agribusiness Management. Abraham Baldwin Agricultural College*. Tifton, Georgia. April 1, 2019. Attendance: 60. Contact Hours: 1
27. Guo, Y. Luo, X. & **Liu, Y.** China. *International Agricultural Awareness Day*. Tifton, Georgia. March 21, 2019. Attendance: 500. Contact Hours: 3
28. **Liu, Y.** 2019 Cotton Outlook and Enterprise Budget. *Georgia Farm Business Education Conference*. Tifton, Georgia. February 27, 2019. Attendance: 15. Contact Hours: 0.5
29. **Liu, Y.** What to Expect in 2019! *36th Georgia Farmers Conference Federation of Southern Cooperatives*. Albany, Georgia. February 15, 2019. Attendance: 200. Contact Hours: 0.5
30. **Liu, Y.** Cotton Outlook. *Suwannee Valley Agricultural Outlook Conference*. Live Oak, Florida. February 6, 2019. Attendance: 50. Contact Hours: 0.5
31. **Liu, Y.** Cotton Outlook. *Georgia Cotton Commission's 13th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. Afternoon Section. January 30, 2019. Attendance: 15. Contact Hours: 0.5
32. **Liu, Y.** 2018 Georgia Quality Cotton Awards. *Georgia Cotton Commission's 13th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. January 30, 2019. Attendance: 500. Contact Hours: 0.5
33. **Liu, Y.** Cotton Outlook. *Georgia Cotton Commission's 13th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. Morning Section. January 30, 2019. Attendance: 25. Contact Hours: 0.5
34. **Liu, Y.** Row Crops Situation and Outlook. *Georgia Ag Forecast Series*. Lyons, Georgia. January 29, 2019. Attendance: 100. Contact Hours: 0.5
35. **Liu, Y.** Row Crops Situation and Outlook. *Georgia Ag Forecast Series*. Carrollton, Georgia. January 23, 2019. Attendance: 50. Contact Hours: 0.5
36. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Watkinsville, Georgia. September 12, 2018. Attendance: 15. Contact Hours: 0.5
37. **Liu, Y.,** Shurley, W. D., Rabinowitz, A. N., & Smith, A. R. Seed Cotton Program Decision Aid. *UGA and USDA FSA Joint Producer Meeting*. Watkinsville, Georgia. September 12, 2018. Attendance: 15. Contact Hours: 0.5
38. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Cartersville, Georgia. September 12, 2018. Attendance: 13. Contact Hours: 0.5

39. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Tifton, Georgia. September 11, 2018. Attendance: 52. Contact Hours: 0.5
40. **Liu, Y.,** Shurley, W. D., Rabinowitz, A. N., & Smith, A. R. Seed Cotton Program Decision Aid. *UGA and USDA FSA Joint Producer Meeting*. Tifton, Georgia. September 11, 2018. Attendance: 52. Contact Hours: 0.5
41. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Statesboro, Georgia. September 11, 2018. Attendance: 50. Contact Hours: 0.5
42. **Liu, Y.,** Shurley, W. D., Rabinowitz, A. N., & Smith, A. R. Seed Cotton Program Decision Aid. *UGA and USDA FSA Joint Producer Meeting*. Statesboro, Georgia. September 11, 2018. Attendance: 50. Contact Hours: 0.5
43. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Perry, Georgia. September 10, 2018. Attendance: 40. Contact Hours: 0.5
44. **Liu, Y.,** Shurley, W. D., Rabinowitz, A. N., & Smith, A. R. Seed Cotton Program Decision Aid. *UGA and USDA FSA Joint Producer Meeting*. Perry, Georgia. September 10, 2018. Attendance: 40. Contact Hours: 0.5
45. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Bainbridge, Georgia. September 10, 2018. Attendance: 48. Contact Hours: 0.5
46. **Liu, Y.,** Shurley, W. D., Rabinowitz, A. N., & Smith, A. R. Seed Cotton Program Decision Aid. *UGA and USDA FSA Joint Producer Meeting*. Bainbridge, Georgia. September 10, 2018. Attendance: 48. Contact Hours: 0.5
47. **Liu, Y.** Cotton Outlook. *2018 UGA Cotton & Peanut Research Field Day*. Tifton, Georgia. September 5, 2018. Attendance: 120. Contact Hours: 0.5
48. **Liu, Y.** & Shurley, W. D. Global Cotton Trade and Cotton Policy Updates. *Southeast Research and Education Center Field Day*. Midville, Georgia. August 15, 2018. Attendance: 139. Contact Hours: 0.5
49. **Liu, Y.** The Impacts of Chinese Tariff on Georgia Agriculture. *Douglas Rotary Program*. Douglas, Georgia. August 2, 2018. Attendance: 24. Contact Hours: 0.5
50. **Liu, Y.** Interdisciplinary Research and Extension Approach for Georgia cotton. *Georgia Cotton Commission Research Advisory Field Day*. Tifton, Georgia. June 8, 2018. Attendance: 40. Contact Hours: 0.5
51. Using Precision Agriculture with World Food Prize Panelist **Yangxuan Liu** (PAEP 19). Podcast discussion with Dr. Ken Foster and Jessica Eise at *Purdue Agricultural Economics Podcasts*.

County

1. **Liu, Y.** 2022 Cotton Market Outlook. *Extension Crop Budget Update*. Ocilla, Georgia. February 7, 2022. Attendance: 27. Contact Hours: 0.5
2. **Liu, Y.** 2022 Cotton Market Outlook. *Screven County Cotton and Corn Production Meeting*. Sylvania, Georgia. January 14, 2022. Attendance: 30. Contact Hours: 0.5

3. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Lanier County Cotton and Peanut Production Meeting*. Lakeland, Georgia. March 11, 2020. Attendance: 18. Contact Hours: 0.5
4. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Morgan County Cotton Production Meeting*. Madison, Georgia. March 6, 2020. Attendance: 32. Contact Hours: 0.5
5. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Emanuel County Cotton Production Meeting*. Swainsboro, Georgia. February 27, 2020. Attendance: 53. Contact Hours: 0.5
6. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Toombs County Cotton Production Meeting*. Lyons, Georgia. February 27, 2020. Attendance: 50. Contact Hours: 0.5
7. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Baker County Cotton Production Meeting*. Newton, Georgia. February 20, 2020. Attendance: 67. Contact Hours: 0.5
8. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Seminole County Cotton Production Meeting*. Donalsonville, Georgia. February 18, 2020. Attendance: 65. Contact Hours: 0.5
9. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Pulaski County Cotton Production Meeting*. Hawkinsville, Georgia. February 13, 2020. Attendance: 46. Contact Hours: 0.5
10. **Liu, Y.** 2020 Cotton Outlook and Farm Bill Updates. *Wilcox County Cotton Production Meeting*. Rochelle, Georgia. February 13, 2020. Attendance: 30. Contact Hours: 0.5
11. **Liu, Y.** 2019 Cotton Outlook. *2019 Tift County Crop Economic Meeting*. Tifton, Georgia. March 4, 2019. Attendance: 30. Contact Hours: 0.5
12. **Liu, Y.** 2019 Cotton Outlook and Farm Bill Updates. *Northeast Georgia Cotton Production Update*. Madison, Georgia. February 19, 2019. Attendance: 26. Contact Hours: 0.5
13. **Liu, Y.** 2019 Cotton Outlook and Farm Bill Updates. *Northwest Georgia Cotton Production Update*. Rockmart, Georgia. February 19, 2019. Attendance: 34. Contact Hours: 0.5
14. **Liu, Y.** Cotton Outlook and Farm Bill Updates. *Macon and Peach County Cotton Production Meeting*. Oglethorpe, Georgia. January 15, 2019. Attendance: 25. Contact Hours: 0.5
15. **Liu, Y.** Cotton Outlook and Farm Bill Updates. *Houston County Cotton Production Meeting*. Perry, Georgia. January 15, 2019. Attendance: 13. Contact Hours: 0.5
16. **Liu, Y.** 2018 Cotton Outlook. *Irwin County Market Outlook and Policy Meeting*. Ocilla, Georgia. March 9, 2018. Attendance: 96. Contact Hours: 0.5
17. **Liu, Y.** 2018 Cotton Outlook. *Laurens and Wilkinson County Farm Economics and Market Outlook Meeting*. East Dublin, Georgia. February 14, 2018. Attendance: 26. Contact Hours: 0.5
18. Rabinowitz, A. N., Smith, A. R., & **Liu, Y.** Peanut and Cotton Economics for 2018. *Jeff Davis County Agricultural Economics Meeting*. Hazlehurst, Georgia. January 12, 2018. Attendance: 10. Contact Hours: 0.5

County Extension Agent Trainings

1. **Liu, Y.** Manage Farm Business Organizations. *Farm Business Management Session*. Online Webinar. March 17, 2022. Attendance: 5. Contact Hours: 1

2. Smith, A. R. & **Liu, Y.** Update from Ag Econ and USDA Programs. *Southwest District ANR Update*. Lyons, Georgia. February 3, 2022. Attendance: 28. Contact Hours: 1
3. **Liu, Y.** 2022 Cotton Market Outlook. *2022 UGA Cotton Extension Agent Training (SE District)*. Lyons, Georgia. January 19, 2022. Attendance: 32. Contact Hours: 0.5
4. **Liu, Y.** 2022 Cotton Market Outlook. *2022 UGA Cotton Extension Agent Training (SW District)*. Tifton, Georgia. January 18, 2022. Attendance: 42. Contact Hours: 0.5
5. Campbell, B., Fonsah, E. G., Kane, S. P., **Liu, Y.**, Secor, W., Shepherd, T., Shonkwiler, V., Smith, A. R. Hot Topics and Issues for Farms and Agribusinesses from Ag Economics. *2022 University of Georgia Winter Conference*. January 11, 2022. Attendance: 31. Contact Hours: 1.5
6. **Liu, Y.** Cotton Market Updates. *Agronomic Crops Agent Training Field Day*. Online Webinar. June 10, 2021. Attendance: 58. Contact Hours: 0.5
7. **Liu, Y.**, Daugherty, G. & Robinson, R. Understanding Marketing Assistance Loans and Loan Deficiency Payments. *Agricultural Economics Training*. Online Webinar. April 5, 2021. Attendance: 5. Contact Hours: 1
8. **Liu, Y.** Texas A&M University ARC-CO/PLC Decision Aid. *USDA Programs Update for Your Clientele*. Online Webinar. February 19, 2021. Attendance: 15. Contact Hours: 0.5
9. **Liu, Y.** 2021 Cotton Outlook. *2021 Florida Ag Agent In Service Training*. Online Webinar. January 19, 2021. Attendance: 15. Contact Hours: 0.5
10. **Liu, Y.** 2021 Cotton Outlook. *2021 UGA Cotton Extension Agent Trainings*. Online Webinar. January 13, 2021. Attendance: 54. Contact Hours: 0.5
11. **Liu, Y.** The Impact of Covid-19 on Cotton Prices. *UGA Agricultural Economics Market Update Webinar*. Tifton, Georgia. April 3, 2020. Attendance: 65. Contact Hours: 0.5
12. **Liu, Y.** 2020 Cotton Outlook. *2020 UGA Cotton Extension Agent Trainings*. Lyons, Georgia. January 3, 2020. Attendance: 30. Contact Hours: 0.5
13. **Liu, Y.** 2020 Cotton Outlook. *2020 UGA Cotton Extension Agent Trainings*. Tifton, Georgia. January 2, 2020. Attendance: 29. Contact Hours: 0.5
14. **Liu, Y.** Beyond the Gin: Cotton Quality Grading, Marketing, and Milling. Macon, Georgia. November 7, 2019. Attendance: 5. Contact Hours: 4
15. **Liu, Y.** Cotton Outlook. *Agricultural Economics Quarterly Market Update*. Tifton, Georgia. July 1, 2019. Attendance: 12. Contact Hours: 0.5
16. **Liu, Y.** The Impact of Trade on Cotton Outlook. *Agricultural Economics Extension Agent Training*. Tifton, Georgia. June 6, 2019. Attendance: 50. Contact Hours: 0.5
17. **Liu, Y.** Cotton Outlook Updates and Prospective Plantings. *Agricultural Economics Extension Agent Training*. Tifton, Georgia. April 1, 2019. Attendance: 10. Contact Hours: 0.5
18. **Liu, Y.** Cotton Outlook and Farm Bill Updates. *2019 UGA Cotton Extension Agent Trainings*. Tifton, Georgia. January 4, 2019. Attendance: 38. Contact Hours: 0.5

19. **Liu, Y.** Cotton Outlook and Farm Bill Updates. *2019 UGA Cotton Extension Agent Trainings*. Lyons, Georgia. January 3, 2019. Attendance: 27. Contact Hours: 0.5
20. **Liu, Y.** First Look at the Farm Bill Title I for Row Crops: Agriculture Improvement Act of 2018. *Agricultural Economics Agent Training Webinar*. Tifton, Georgia. December 17, 2018. Attendance: 19. Contact Hours: 0.5
21. **Liu, Y.** & Shurley, W. D. 2018 Seed Cotton ARC and PLC Comparison Decision Aid. *Cotton Thursday Webinar Meetings*. Tifton, Georgia. November 16, 2018. Attendance: 27. Contact Hours: 0.5
22. **Liu, Y.**, Whitaker, J. R. & Dorfman, J. H. Preliminary Estimation of Cotton Damages from Hurricane Michael. *Southwest District Annual Conference*. Tifton, Georgia. October 31, 2018. Attendance: 50. Contact Hours: 0.5
23. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Webinar Meeting*. Tifton, Georgia. September 7, 2018. Attendance: 12. Contact Hours: 0.5
24. **Liu, Y.**, Shurley, W. D., Rabinowitz, A. N., & Smith, A. R. Seed Cotton Program Decision Aid. *UGA and USDA FSA Joint Webinar Meeting*. Tifton, Georgia. September 7, 2018. Attendance: 12. Contact Hours: 0.5
25. **Liu, Y.** & Smith, A. R. An Introduction to Hedging with Futures. *Cotton Thursday Webinar Meetings*. Tifton, Georgia. June 21, 2018. Attendance: 25. Contact Hours: 0.5
26. **Liu, Y.** 2018 Cotton Outlook. *Agronomic Crops Agent Training Field Day*. Tifton, Georgia. June 7, 2018. Attendance: 70. Contact Hours: 0.5
27. **Liu, Y.** & Smith, A. R. Agricultural Enterprise Budgets. *Agricultural and Natural Resources Foundations Agent Training*. Tifton, Georgia. March 27, 2018. Attendance: 35. Contact Hours: 0.5
28. Rabinowitz, A. N., **Liu, Y.** & Shurley, W. D. Seed Cotton Generic Base and Yield Update. *Agricultural Economics Agent Training Webinar*. Tifton, Georgia. March 16, 2018. Attendance: 35. Contact Hours: 0.5
29. Rabinowitz, A. N., Shurley, W. D., Smith, A. R. & **Liu, Y.** Ag Policy Update within the Bipartisan Budget Act of 2018. *Agricultural Economics Agent Training Webinar*. Tifton, Georgia. February 16, 2018. Attendance: 38. Contact Hours: 0.5
30. **Liu, Y.** 2018 Cotton Outlook. *Southeast District Agent Training*. Savannah, Georgia. February 8, 2018. Attendance: 32. Contact Hours: 0.5

Media Interviews and Citations

1. [Georgian farmers paying the price for the invasion of Ukraine. Vnatalie](#). March 30, 2022
2. [Watch Georgia farmers paying price for Ukraine invasion – Latest Georgia News](#). Latest Breaking News Video. March 30, 2022
3. [Georgia farmers paying price for Ukraine invasion](#). The Atlanta Journal-Constitution. March 30, 2022

4. [Registration open for UGA-sponsored precision agriculture workshops](#). Colquitt County Ag Report. March 4, 2022
5. Georgia's Top Cotton Producers Honored For 2021 Crop. Cotton Farming. Page 15. March 2022 Issue.
6. [Georgia's Top Cotton Producers Honored For 2021 Crop](#). Cotton Farming. March 1, 2022
7. [2 Utilizing Precision Ag Technology Workshops, March 29, 31 – AgFax](#). Info Dig Site. March 1, 2022
8. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Vegetable Growers News. February 28, 2022
9. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Fruit Growers News. February 28, 2022
10. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Metro Atlanta CEO. February 28, 2022
11. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Albany CEO. February 28, 2022
12. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Middle Georgia CEO. February 28, 2022
13. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Valdosta CEO. February 28, 2022
14. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Tifton CEO. February 28, 2022
15. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Savannah CEO. February 28, 2022
16. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Athens CEO. February 28, 2022
17. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Langrange CEO. February 28, 2022
18. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Newman CEO. February 28, 2022
19. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). Morning AgClips. February 28, 2022
20. [Registration Open for UGA-Sponsored Precision Agriculture Workshops](#). National Cyber Security News Today. February 28, 2022
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COMPUTER AND LANGUAGE SKILLS

SAS, R, GAMS, STATA, @Risk, Simetar, English (Purdue OEPP Certification), Mandarin.

PROFESSIONAL MEMBERSHIPS

Georgia Association of County Agricultural Agents, 2018.
American Society of Agronomy, 2017.
Crop Science Society of America, 2017.
Soil Science Society of America, 2017.
American Economic Association, 2015 – 2018.
Northeastern Agricultural and Resource Economics Association, 2015 – 2016.
Southern Agricultural Economics Association, 2014 – Present.
The American Phytopathological Society, 2014.
Agricultural and Applied Economics Association, 2013 – Present.
International Food and Agribusiness Management Association, 2011 – 2015.

ACADEMIC SERVICES

Graduate Student Committee

Chair, Ph.D. Advisory Committee
Jameson Augustin, Ph.D., In Progress.

Chair, Master Advisory Committee
Susmitha Kalli, Co-Chair, M.S., In Progress.
Bishal Gaire, M.S., In Progress.
Rachel M Judd, M.S., In Progress.

Madison Gabrielle Harkins, M.S., In Progress. (Operations Specialist, University of Georgia)
Anukul Bhattarai, M.S., 2020. (Ph.D. at Virginia Tech University)
Hongyi Yuan, MAB., 2020. (Ph.D. at University of Georgia)
Guy Albritton Hancock, M.S., 2019. (Extension Agent, University of Georgia).

Member, Ph.D. Advisory Committee

Alankrita Goswami, Ph.D., 2021.
Simerjeet Virk, Ph.D., 2020. (Assistant Professor, University of Georgia).

Member, Master Advisory Committee

Ashish Adhikari, M.S., In Progress.
Dhiraj Bhatta, M.S., 2021.
Mengyu Zhou, M.S. 2020.
Siyuan Jiang, M.S., 2019.

University of Georgia Committees

Search Committee for Department Chair, Agricultural and Applied Economics Department,
University of Georgia, 2021.
Membership Committee for UGA Association of Chinese American Professors, University of
Georgia, 2021 – Present.
Awards Committee for University of Georgia Tifton Campus, University of Georgia, 2018 –
Present.

Eastern Kentucky University Committees

Search Committee for Department Chair, Department of Agriculture, Eastern Kentucky
University, 2017.
Faculty Advisor, Alltech Innovation Competition, Eastern Kentucky University, 2017.
Scholarship Committee, Department of Agriculture, Eastern Kentucky University, 2016 – 2017.

Reviewer

Southern Ag Today (2022:1).
Abstract, Agricultural and Applied Economics Association Annual Meeting (2022:6).
Southern Ag Today (2021:3).
Journal of Food Distribution Research (2021:1).
U.S. Department of Agriculture, Economic Research Service Report (2021:1).
University of Georgia Extension (2021:1).
Abstract, Agricultural and Applied Economics Association Annual Meeting (2021:6).
Journal of Cotton Science (2020: 1).
International Food and Agribusiness Management Review (2020: 1).
Choices Magazine, Agricultural and Applied Economics Association (2020: 1).
Journal of Cotton Science (2019: 1).
Journal of Agribusiness (2019: 1).
Abstract, Agricultural and Applied Economics Association Annual Meeting (2019: 11).
Choices Magazine, Agricultural and Applied Economics Association (2018: 1).
Journal of Cotton Science (2018: 1).
International Food and Agribusiness Management Review (2018: 1).

Agronomy (2018: 1).
China Agricultural Economic Review (2017: 1).
African Journal of Food, Agriculture, Nutrition and Development (2015:2).

Professional

Co-Chair, Cotton Economics and Marketing Conference of the Beltwide Cotton Conferences, 2022 – 2023.
Review Panel for Farm Business Management and Benchmarking Competitive Grants Program, U.S. Department of Agriculture's National Institute of Food and Agriculture, 2021.
Review Panel for Extension Risk Management Education Program, U.S. Department of Agriculture's National Institute of Food and Agriculture, 2021.
Judge for Undergraduate Research Symposium, University of Georgia, 2021.
3MT Thesis Committee, Southern Agricultural Economics Association, 2020 – Present.
Judge for 3MT: Three Minute Thesis Competition, Southern Agricultural Economics Association, 2020, 2021, 2022.
Judge for Extension Competition for Graduate Students, Agricultural and Applied Economics Association, 2019, 2020, 2021.
Advisory Committee Chair, Georgia Quality Cotton Awards, 2018 – Present.
Senior Editor, Journal of Cotton Research, 2018 – Present.
Topic Leader for Agricultural Finance and Farm Management Section, Agricultural and Applied Economics Association, 2016 – 2018.
Judge for Graduate Student Case Study, Agricultural and Applied Economics Association Competition, 2017.

Community

Board Member, University of Macau (United States) Alumni Association, 2014 – Present.
Executive Board Member, Graduate Women in the College of Agriculture, Purdue University, 2015 – 2016.
Graduate Student Advisory Panel Member, College of Agriculture, Purdue University, 2015 – 2016.
Academic Chair, Agricultural Economics Graduate Student Organization, Purdue University, 2015 – 2016.
Orientation Chair, Agricultural Economics Graduate Student Organization, Purdue University, 2012 – 2013.
Student Ambassador, International Students and Scholars, Purdue University, 2010 – 2016.
Committee Member, Economics Society, University of Macau, 2008.
Treasurer, Economics Society, University of Macau, 2007.
