

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

- Associate Professor, Department of Agricultural and Applied Economics, University of Georgia, Tifton, Georgia, 7/2023 – Present. Appointment: 85% Extension, 15% Teaching.
- Assistant Professor, Department of Agricultural and Applied Economics, University of Georgia, Tifton, Georgia, 1/2018 – 6/2023. Appointment: 85% Extension, 15% Teaching.
- Member, Graduate Faculty, Department of Agricultural and Applied Economics, University of Georgia, Tifton, Georgia, 2/2018 – now.
- 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

Michael J. Bader Award of Excellence for Junior Scientist in Extension, University of Georgia, College of Agricultural and Environmental Sciences, Tifton Campus, 2022.
Faculty Advisor, Finalist, Agricultural and Applied Economics Association Graduate Student Extension Competition, 2022.
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 - 2023.

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. "Economics and Extension Education to Ensure Long-Term Sustainability and Profitability for Georgia Cotton" Georgia Cotton Commission, \$52,000, January 2024 – December 2024 (Principal Investigator; Share \$42,000).
2. "Variable-Rate Application of Crop Inputs to Improve Cotton Production Efficiency and Profitability in Georgia." Georgia Cotton Commission, \$40,000, January 2024 – December 2024 (Co-Principal Investigator).
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, \$753,206, January 2023 – December 2027 (Co-Principal Investigator; Share \$124,958).
4. "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).
5. "Cotton Economics and Education Program to Ensure Long-Term Sustainability for Georgia Producers." Georgia Cotton Commission, \$52,000, January 2023 – December 2023 (Principal Investigator; Share \$42,000).

6. “Sustaining soybean production in the southeast United States through integrated soil health management systems.” United Soybean Board, \$93,250, October 2022 – September 2023 (Co-Principal Investigator; Share \$23,000).
7. “Economic Analysis of Cover Crop Utilization in Cotton Production.” Cotton Incorporated, \$30,000, January 2022 – December 2022 (Principal Investigator; Share \$13,519).
8. “Determination of Penalties for Over- and Under- Irrigating Corn Using Sensors Thresholds.” Georgia Agricultural Commodity Commission for Corn, \$36,300, January 2022 – December 2023 (Co-Principal Investigator; Share \$11,000).
9. “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).
10. “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).
11. “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).
12. “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).
13. “Economic Analysis of Cover Crop Utilization in Cotton Production.” Cotton Incorporated, \$30,000, January 2021 – December 2021 (Principal Investigator; Share \$8,792).
14. “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).
15. “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).
16. “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).
17. “Economic Analysis of Cover Crop Utilization in Cotton Production.” Cotton Incorporated, \$29,999, January 2020 – December 2020 (Principal Investigator; Share \$24,999).
18. “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).
19. “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).

20. “Cotton Enterprise Budget Initiative and Education Program for GA Producers.” Georgia Cotton Commission, \$26,000, January 2019 – December 2019 (Principal Investigator; Share \$18,200).
21. “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).
22. “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).
23. “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).
24. “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

25. “Sustaining soybean production in the southeast United States through integrated soil health management systems.” United Soybean Board, \$98,980, October 2023 – September 2024 (Co-Principal Investigator; Share \$23,432).
26. “Determination of Penalties for Over- and Under- Irrigating Corn Using Sensors Thresholds, A Continuation.” Georgia Agricultural Commodity Commission for Corn, \$34,300, January 2024 – December 2024 (Co-Principal Investigator).

PUBLICATIONS

* indicates student

Peer-Reviewed Journal Articles

1. **Liu, Y.**, Snider, J. L., Bhattarai, A. *, & Collins, G. (2022). Economic Penalties Associated with Irrigation During High Rainfall Years in the Southeastern United States. *Agricultural Water Management*.
2. **Liu, Y.** & Zhang, W. (2022). Nurturing international graduate students for a more diversified and inclusive extension workforce. *Applied Economics Teaching Resources*.
3. 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>
4. 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>.
5. 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*.

6. 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*.
7. 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>
8. 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>
9. 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).
10. Dorfman, J. H., **Liu, Y.**, & Rabinowitz, A. N. (2018). Estimating Agricultural Losses from a Hurricane. *Journal of Agribusiness*. 36(2).
11. **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.
12. **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.
13. **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. Bobbie, K.*, McAllister, S., Smith, A. R., and **Liu, Y.** [Which is more profitable for producers, Single-Species or Multi-Species Cover Crops?](#) *Southern Ag Today* 3(39.3). September 27, 2023.
2. Chong, F.* & **Liu, Y.** (2023). [Cotton Crop Insurance to Protect Against Revenue Losses: Select Harvest Price Exclusion or Not?](#) *Southern Ag Today*. 3(3.3). January 18, 2023.
3. **Liu, Y.** (2023). [Navigating the "Winter" in Cotton Farming in 2023](#). *Southern Ag Today*. January 2, 2023.
4. Harkins, M.*, **Liu, Y.**, Plastina, A., Hancock, G. A., & Smith, A. R. (2022). Cover Crop Cost-Share Program Payments. *Department of Agricultural and Applied Economics, University of Georgia*. Report No. AGECON-22-01PR. September 26, 2022.
5. Harkins, M.*, **Liu, Y.**, Plastina, A., Hancock, G. A., & Smith, A. R. (2022). [Cover Crop Seed Availability Hinders Cover Crop Adoption by Agricultural Producers](#). *Southern Ag Today*. September 21, 2022.
6. **Liu, Y.** (2022). [High Abandonment Acres for U.S. Cotton Projected Due to Drought](#). *Southern Ag Today*. 2(37.1). September 5, 2022.

7. **Liu, Y.** (2022). [What Is Behind the Recent Cotton Futures Market Plunge?](#) *Southern Ag Today*. 2(29.1). July 11, 2022.
8. **Liu, Y.** (2022). [Rise in Input Costs for Cotton Production: Make and Keep a New Year's Plan.](#) *Southern Ag Today*. 2(7.1). February 7, 2022.
9. **Liu, Y.** (2022). [China's Purchase of U.S. Cotton Increased in 2020 and 2021.](#) *Southern Ag Today*. 2(3.4). January 13, 2022.
10. **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.
11. **Liu, Y.** (2021). [Did Speculative Money Cause the Recent Surge in Cotton Futures Prices?](#) *Southern Ag Today*. 1(47.1). November 15, 2021.
12. 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.
13. **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.
14. **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.
15. **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.
16. **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.
17. 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.
18. **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.
19. **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.
20. **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.

21. **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.
22. 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.
23. 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.
24. 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.
25. 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.
26. **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.
27. 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.
28. 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.
29. 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.** & Smith, A. R. (2023). Corn, Soybean, and Wheat Outlook. In *2023 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
2. **Liu, Y.** (2023). The 2023 Cotton Outlook. In *2023 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
3. **Liu, Y.** (2023). 2023 Cotton Outlook and Market Situation. In *2023 Georgia Cotton Production Guide*. College of Agricultural and Environmental Sciences, University of Georgia.

4. Smith, A. R., **Liu, Y.** Shepherd, T. (2022). Estimated Comparative Row Crop Net Return for 2022. In *2022 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
5. **Liu, Y.** (2022). The 2022 Cotton Outlook. In *2022 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
6. **Liu, Y.** (2022). 2022 Cotton Outlook and Market Situation. In *2022 Georgia Cotton Production Guide*. College of Agricultural and Environmental Sciences, University of Georgia.
7. **Liu, Y.** (2021). Cotton. In *2021 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
8. **Liu, Y.** (2021). Economic Situation and 2021 Market Outlook. In *2021 Georgia Cotton Production Guide*. College of Agricultural and Environmental Sciences, University of Georgia.
9. **Liu, Y.** (2020). Cotton. In *2020 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
10. **Liu, Y.** (2020). Economic Situation and 2020 Market Outlook. In *2020 Georgia Cotton Production Guide*. College of Agricultural and Environmental Sciences, University of Georgia.
11. **Liu, Y.** (2020). Cotton. In *2020 Georgia Economic Outlook*. Selig Center for Economic Growth, Terry College of Business, University of Georgia.
12. **Liu, Y.** (2019). Economic Situation and 2019 Market Outlook. In *2019 Georgia Cotton Production Guide*. College of Agricultural and Environmental Sciences, University of Georgia.
13. 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.
14. **Liu, Y.** (2019). Cotton. In *2019 Georgia Ag Forecast Situation and Outlook Reports*. College of Agricultural and Environmental Sciences, University of Georgia.
15. **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.** (2023). 2023 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2023.
2. **Liu, Y.** (2023). The cause of recent bank failures and the ripple effect on cotton producers. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. April 2023.
3. **Liu, Y.** (2022). 2022 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2022.

4. **Liu, Y.** (2022). High Abandonment Acres for U.S. Cotton Projected Due to Drought. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. September 2022.
5. **Liu, Y.** (2022). What is Behind the Recent Cotton Futures Market Plunge? In: *UGA Cotton Team Newsletter, University of Georgia Extension*. July 2022.
6. **Liu, Y.** (2022). Encouraging Participation at Utilizing Precision Ag Technology Workshop. In: *UGA Cotton News, University of Georgia Extension*. February 2022.
7. **Liu, Y.** (2022). 2021 Georgia Quality Cotton Awards – Deadline Extended. In: *UGA Cotton News, University of Georgia Extension*. January 2022.
8. **Liu, Y.** (2021). Precision Agriculture Technology Needs Assessment Survey. In: *UGA Cotton News, University of Georgia Extension*. December 2021.
9. **Liu, Y.** (2021). 2021 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2021.
10. **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.
11. **Liu, Y.** (2020). 2020 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2020.
12. **Liu, Y.** (2020). Cotton Market Reacts to the Hurricane Season. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. September 2020.
13. **Liu, Y.** (2020). Forecast Remains Cloudy for the Cotton Market this Year. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. July 2020.
14. **Liu, Y.** (2020). World Cotton Demand Plummeted due to COVID-19 Pandemic. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. May 2020.
15. **Liu, Y.** (2020). Cotton Prices may Suffer during Coronavirus Pandemic. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. April 2020.
16. **Liu, Y.** (2019). 2018 Farm Bill ARC and PLC Timeline. In: *UGA Cotton News, University of Georgia Extension*. December 2019.
17. **Liu, Y.** (2019). 2019 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2019.
18. **Liu, Y.** (2019). 2019 Cotton Outlook. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. September 2019.
19. **Liu, Y.** (2019). 2019 Cotton Outlook. In: *UGA Cotton News, University of Georgia Extension*. September 2019.
20. 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.
21. 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.

22. Shurley, W. D. & **Liu, Y.** (2019). Cotton Payments, Disaster Assistance, and Safety Net Update. In: *UGA Cotton News, University of Georgia Extension*. March 2019.
23. **Liu, Y.** (2018). 2018 Georgia Quality Cotton Awards. In: *UGA Cotton News, University of Georgia Extension*. December 2018.
24. **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.
25. **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.
26. **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.
27. 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.
28. 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.
29. **Liu, Y.** & Smith, A. R. (2018). Preliminary Estimation of Cotton Damages from Hurricane Michael. In: *UGA Cotton News, University of Georgia Extension*. October 2018.
30. **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.
31. **Liu, Y.** (2018). Agricultural Disaster Assistance Information Session for Producers Affected by Hurricane Michael. In: *UGA Cotton News, University of Georgia Extension*. October 2018.
32. **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.
33. **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.
34. **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.
35. **Liu, Y.** (2018). Trade Aid Details of the Market Facilitation Program for Producers. In: *UGA Cotton Team Newsletter, University of Georgia Extension*. October 2018.
36. **Liu, Y.** & Shurley, W. D. (2018). Cotton Outlook. In: *Food, Agriculture, and Resource Economics Blog, University of Georgia Extension*. September 2018.

37. **Liu, Y.** & Shurley, W. D. (2018). Cotton Outlook. In: *UGA Cotton News, University of Georgia Extension*. September 2018.
38. **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.
39. **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.
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ACADEMIC PRESENTATIONS

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Invited Presentations

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2. **Liu, Y.** (2022). 2022 Cotton Outlook. In *Southern Agricultural Outlook Conference*. Atlanta, Georgia, September 20, 2022.
3. **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.
4. **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.

5. **Liu, Y.** (2020). Cotton Outlook. In *Southern Agricultural Economics Association Annual Meetings*. Louisville, Kentucky. February 4, 2020.
6. **Liu, Y.** (2019). Cotton Situation and Outlook. In *Southern Agricultural Outlook Conference*. Atlanta, Georgia, September 24, 2019.
7. **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.
8. **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.
9. **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.
10. 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.
11. 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.
12. **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.
13. **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.
14. **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.
15. **Liu, Y.** (2016). The Balance Sheet and Financial Ratios. At *Department of Agriculture, Eastern Kentucky University*. Richmond, Kentucky, May 9, 2016.
16. [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. Kalli, S.*, Munisamy, G., **Liu, Y.,** and Karali, B. (2023). Market Integration and Price Transmission Among Major Cotton Trading Countries. In *NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management*. St. Louis, Missouri.

2. Kalli, S.*, Munisamy, G., **Liu, Y.**, and Karali, B. (2023). Spot Market Integration and Price Transmission Among Major Cotton Trading Countries. In *2023 Beltwide Cotton Conferences*. New Orleans, Louisiana.
3. Lawton, C.B., Snider, J.L., Roberts, P., **Liu, Y.**, Chee, P., and Hand, L.C. (2023). Evaluating Wide Row Production Systems in Georgia. In *2023 Beltwide Cotton Conferences*. New Orleans, Louisiana.
4. **Liu, Y.** & Shurley, W. D. (2022). ARC/PLC Tools for Cotton Producers Based on Hurricane Michael's Impacts. In *Agricultural and Applied Economics Association Annual Meetings*. Anaheim, California.
5. 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 Extension Economics Committee Meeting*. Clearwater, Florida.
6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. Reeves, B., Kichler, J., Tyson, W., Barnes, T., Moon, C., **Liu, Y.**, & 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.
12. **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.
13. 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.
14. **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.

15. 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.
16. **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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. **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.
26. 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.

27. 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.
28. **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.
29. **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.
30. 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.
31. 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.
32. **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.
33. **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.
34. **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.
35. Langemeier, M. R. & **Liu, Y.** (2015). Economic Benefit Analysis of the Late Blight Decision Support Systems. In *Late Blight Annual Meeting*. Duck Key, Florida.
36. **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.
37. **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.
38. **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.
39. **Liu, Y.** (2015). Economies of Scale and Scope for Agricultural Production in Kansas. In *the 8th Midwest Graduate Student Summit*. West Lafayette, Indiana.

40. **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.
41. **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.
42. Langemeier, M. & **Liu, Y.** (2014). Economic Benefit Analysis of the Late Blight Forecasting Systems. In *Late Blight Annual Meeting*. Atlanta, Georgia.
43. Gloy, B. & **Liu, Y.** (2013). Economic Assessment of Late Blight Tools Improvement and Progress. In *Late Blight Annual Meeting*. Atlanta, Georgia.
44. Gloy, B. & **Liu, Y.** (2012). Economic Assessment of Late Blight Tools. In *Late Blight Annual Meeting*. Atlanta, Georgia.
45. **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. Bobbie, K. K.*, McAllister, S., Smith, A. R., Liu, Y. (2023). Comparing Profitability of Single vs. Multi-Specie Cover Crops in South Georgia. In *2023 Beltwide Cotton Conferences*. New Orleans, Louisiana.
2. Augustin, J.* & **Liu, Y.** (2022). Hedging Against Marketing Risk in Cotton Operations Using Commodity Futures. In *2022 Extension Risk Management National Conference*. Omaha, Nebraska.
3. 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.
4. 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.
5. 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.
6. 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.
7. **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.

8. 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.
9. 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.
10. **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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.

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 *Southern Extension Economics Committee Meeting*. Nashville, Tennessee.
21. 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.
22. **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.
23. **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.
24. Rabinowitz, A. N., **Liu, Y.**, & Perrin, P. (2018). Measuring Sustainability in Cotton and Peanut Production. In *Georgia Farm Bureau State Commodity Conference*. Tifton, Georgia.
25. **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.
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 Purdue University the Office of Interdisciplinary Graduate Programs Spring Reception*. West Lafayette, Indiana.
27. **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.
28. **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. **Liu, Y** & Lai, J. United States Agriculture. *Purdue University Agribusiness Summer Workshop for Zhejiang University and Inner Mongolia Agricultural University*. Department of Agricultural Economics, Purdue University. Online. July 9, 2023. Attendance: 51. Contact Hours: 2.5
2. Lai, J. & **Liu, Y.** United States Agriculture. *Purdue University Agribusiness Summer Workshop for Zhejiang University and Nanjing Agricultural University*. Department of Agricultural Economics, Purdue University. Online. August 8, 2022. Attendance: 86. Contact Hours: 2
3. [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.** Cotton Market Fall Update. *2023 Cotton and Peanut Research Field Day*. Tifton, GA. September 6, 2023. Attendance: 130. Contact Hours: 0.5
2. **Liu, Y.** Pre-Harvest Economic Update & Marketing Considerations. *Georgia Cotton Commission's Mid-Year Meeting & UGA Cotton Pre-Harvest Workshop*. Statesboro, Georgia. July 26, 2023. Attendance: 276. Contact Hours: 0.5
3. **Liu, Y.** 2022 Georgia Quality Cotton Awards. *Georgia Cotton Commission's Mid-Year Meeting & UGA Cotton Pre-Harvest Workshop*. Statesboro, Georgia. July 26, 2023. Attendance: 321. Contact Hours: 0.5
4. **Liu, Y.** Interdisciplinary Research and Extension Approach for Georgia cotton. *2023 Georgia Cotton Commission Research Review Day*. Midville, GA. July 25, 2023. Attendance: 47. Contact Hours: 0.5
5. **Liu, Y.** 2023 Cotton Market Outlook. *Georgia Cotton Commission's 17th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. Morning Section. January 25, 2023. Attendance: 45. Contact Hours: 0.5
6. **Liu, Y.** 2023 Cotton Market Outlook. *Georgia Cotton Commission's 17th Annual Meeting and UGA Cotton Production Workshop*. Tifton, Georgia. Afternoon Section. January 25, 2023. Attendance: 5. Contact Hours: 0.5
7. **Liu, Y.** & Smith, A. R. 2023 Georgia Ag Forecast – Row Crop Breakout Section. *Georgia Ag Forecast*. Tifton, Georgia and Online Webinar. January 27, 2023. Attendance: 97. Contact Hours: 1
8. **Liu, Y.** 2022 Market and Policy Updates. *2022 Cotton and Peanut Research Field Day*. Tifton, GA. September 8, 2022. Attendance: 155. Contact Hours: 0.5
9. Kane, S., Shonkwiler, V., Secor, W., Campbell, B., Li, Y., **Liu, Y.**, Smith, A. R. Economic Importance of Agriculture in Georgia, *Advancing Georgia's Leaders in Agriculture and Forestry*. August 24, 2022. Attendance: 25, Contact Hours: 1
10. **Liu, Y.** Interdisciplinary Research and Extension Approach for Georgia cotton. *2022 Georgia Cotton Commission Research Review Day*. Tifton, GA. July 29, 2022. Attendance: 32. Contact Hours: 0.5
11. **Liu, Y.** Utilizing Precision Ag Technology Workshop. Albany, Georgia. March 31, 2022. Attendance: 38. Contact Hours: 4.5
12. **Liu, Y.** Utilizing Precision Ag Technology Workshop. Statesboro, Georgia. March 29, 2022. Attendance: 31. Contact Hours: 4.5

13. **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: 1
14. **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
15. **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
16. **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
17. 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
18. **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
19. **Liu, Y.** Financial Management in Practice. Master Agri-Manager Series: Session 4: Financial Management. Forsyth, GA. November 9, 2021. Attendance: 16. Contact Hours: 1
20. **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
21. **Liu, Y.** Cotton Market Update. *2021 UGA Cotton & Peanut Research Field Day*. Tifton, GA. September 8, 2021. Attendance: 110. Contact Hours: 0.5
22. **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
23. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. February 24, 2021. Attendance: 134. Contact Hours: 0.5
24. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. February 2, 2021. Attendance: 115. Contact Hours: 0.5
25. **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
26. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. January 28, 2021. Attendance: 189. Contact Hours: 0.5
27. **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
28. **Liu, Y.** 2021 Cotton Outlook. *UGA Annual Cotton County Production Meetings*. Online Webinar. January 19, 2021. Attendance: 89. Contact Hours: 0.5

29. **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
30. **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
31. **Liu, Y.** Cotton Outlook. *Suwannee Valley Agricultural Outlook Conference*. Live Oak, Florida. February 6, 2020. Attendance: 50. Contact Hours: 0.5
32. **Liu, Y.** 2020 Georgia Ag Forecast. *Georgia Ag Forecast Series*. Bainbridge, Georgia. January 30, 2020. Attendance: 70. Contact Hours: 0.5
33. **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
34. **Liu, Y.** Cotton Outlook. *2019 UGA Cotton & Peanut Research Field Day*. Tifton, Georgia. September 4, 2019. Attendance: 104. Contact Hours: 0.5
35. **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
36. **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
37. Guo, Y. Luo, X. & **Liu, Y.** China. *International Agricultural Awareness Day*. Tifton, Georgia. March 21, 2019. Attendance: 500. Contact Hours: 3
38. **Liu, Y.** 2019 Cotton Outlook and Enterprise Budget. *Georgia Farm Business Education Conference*. Tifton, Georgia. February 27, 2019. Attendance: 15. Contact Hours: 0.5
39. **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
40. **Liu, Y.** Cotton Outlook. *Suwannee Valley Agricultural Outlook Conference*. Live Oak, Florida. February 6, 2019. Attendance: 50. Contact Hours: 0.5
41. **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
42. **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
43. **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
44. **Liu, Y.** Row Crops Situation and Outlook. *Georgia Ag Forecast Series*. Lyons, Georgia. January 29, 2019. Attendance: 100. Contact Hours: 0.5

45. **Liu, Y.** Row Crops Situation and Outlook. *Georgia Ag Forecast Series*. Carrollton, Georgia. January 23, 2019. Attendance: 50. Contact Hours: 0.5
46. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Watkinsville, Georgia. September 12, 2018. Attendance: 15. Contact Hours: 0.5
47. **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
48. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Cartersville, Georgia. September 12, 2018. Attendance: 13. Contact Hours: 0.5
49. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Tifton, Georgia. September 11, 2018. Attendance: 52. Contact Hours: 0.5
50. **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
51. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Statesboro, Georgia. September 11, 2018. Attendance: 50. Contact Hours: 0.5
52. **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
53. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Perry, Georgia. September 10, 2018. Attendance: 40. Contact Hours: 0.5
54. **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
55. **Liu, Y.** Agricultural Trade. *UGA and USDA FSA Joint Producer Meeting*. Bainbridge, Georgia. September 10, 2018. Attendance: 48. Contact Hours: 0.5
56. **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
57. **Liu, Y.** Cotton Outlook. *2018 UGA Cotton & Peanut Research Field Day*. Tifton, Georgia. September 5, 2018. Attendance: 120. Contact Hours: 0.5
58. **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
59. **Liu, Y.** The Impacts of Chinese Tariff on Georgia Agriculture. *Douglas Rotary Program*. Douglas, Georgia. August 2, 2018. Attendance: 24. Contact Hours: 0.5
60. **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

61. 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.** Credit Reports and Credit Scores: Getting the most mileage from credit. *Tifton Financial Literacy Initiative*. Tifton, Georgia. February 21, 2023. Attendance: 53. Contact Hours: 1.5
2. **Liu, Y.** 2023 Cotton Market Outlook. *Telfair and Wheeler County Cotton Production Meeting*. Mcrae, Georgia. February 3, 2023. Attendance: 29. Contact Hours: 0.5
3. **Liu, Y.** 2023 Cotton Market Outlook. *Laurens and Wilkinson County Cotton Production Meeting*. Dublin, Georgia. February 3, 2023. Attendance: 49. Contact Hours: 0.5
4. **Liu, Y.** 2022 Cotton Market Outlook. *Extension Crop Budget Update*. Ocilla, Georgia. February 7, 2022. Attendance: 27. Contact Hours: 0.5
5. **Liu, Y.** 2022 Cotton Market Outlook. *Screven County Cotton and Corn Production Meeting*. Sylvania, Georgia. January 14, 2022. Attendance: 30. Contact Hours: 0.5
6. **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
7. **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
8. **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
9. **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
10. **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
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20. **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
21. 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

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1. **Liu, Y.** 2023 Cotton Market Outlook. *2023 UGA Cotton Extension Agent Training (SE District)*. Lyons, Georgia. January 18, 2023. Attendance: 26. Contact Hours: 0.5
2. **Liu, Y.** 2023 Cotton Market Outlook. *2023 UGA Cotton Extension Agent Training (SW District)*. Tifton, Georgia. January 19, 2023. Attendance: 28. Contact Hours: 0.5
3. **Liu, Y.** Beyond the Gin: Cotton Quality Grading, Marketing, and Milling. Macon, Georgia. November 3, 2022. Attendance: 2. Contact Hours: 4
4. **Liu, Y.** Manage Farm Business Organizations. *Farm Business Management Session*. Online Webinar. March 17, 2022. Attendance: 5. Contact Hours: 1
5. 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
6. **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
7. **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
8. 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
9. **Liu, Y.** Cotton Market Updates. *Agronomic Crops Agent Training Field Day*. Online Webinar. June 10, 2021. Attendance: 58. Contact Hours: 0.5
10. **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
11. **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

12. **Liu, Y.** 2021 Cotton Outlook. *2021 Florida Ag Agent In Service Training*. Online Webinar. January 19, 2021. Attendance: 15. Contact Hours: 0.5
13. **Liu, Y.** 2021 Cotton Outlook. *2021 UGA Cotton Extension Agent Trainings*. Online Webinar. January 13, 2021. Attendance: 54. Contact Hours: 0.5
14. **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
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16. **Liu, Y.** 2020 Cotton Outlook. *2020 UGA Cotton Extension Agent Trainings*. Tifton, Georgia. January 2, 2020. Attendance: 29. Contact Hours: 0.5
17. **Liu, Y.** Beyond the Gin: Cotton Quality Grading, Marketing, and Milling. Macon, Georgia. November 7, 2019. Attendance: 5. Contact Hours: 4
18. **Liu, Y.** Cotton Outlook. *Agricultural Economics Quarterly Market Update*. Tifton, Georgia. July 1, 2019. Attendance: 12. Contact Hours: 0.5
19. **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
20. **Liu, Y.** Cotton Outlook Updates and Prospective Plantings. *Agricultural Economics Extension Agent Training*. Tifton, Georgia. April 1, 2019. Attendance: 10. Contact Hours: 0.5
21. **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
22. **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
23. **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
24. **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
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30. **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
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194. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [ABC FOX Montana Right Now](#). June 13, 2018.
195. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [14 News](#). June 13, 2018.
196. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [WVUE FOX 8 News](#). June 13, 2018.
197. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [PR Web](#). June 13, 2018.
198. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [Region 8 News](#). June 13, 2018.
199. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [Street Insider](#). June 13, 2018.
200. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [WMBF News](#). June 13, 2018.

201. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [KAKE](#). June 13, 2018.
202. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [NBC 12](#). June 13, 2018.
203. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [WBTV](#). June 13, 2018.
204. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [Central Texas News Now](#). June 13, 2018.
205. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [KSLA 12 News](#). June 13, 2018.
206. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [Benzinga Pro](#). June 13, 2018.
207. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [Hometwon Stations](#). June 13, 2018.
208. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [Wave 3 News](#). June 13, 2018.
209. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [Action News 5](#). June 13, 2018.
210. U.S.–China Trade Dispute and Potential Impacts on Agriculture. [CISION PRWeb](#). June 13, 2018.
211. [Georgia Farm Bureau News Alert - June 13, 2018](#). Georgia Farm Bureau. June 12, 2018.
212. [Know How Prevented Planting Affects Crop Insurance](#). Smart Brief. June 11, 2018.
213. [Rains Hindering Peanut Crop](#). The Martin News. June 11, 2018.
214. [What to Know About Crop Insurance, Prevented Planting](#). PA PRO AG News. June 7, 2018.
215. [What to Know about Crop Insurance, Prevented Planting: 5 Questions](#). USA Breaking News. June 6, 2018.
216. [What to Know about Crop Insurance, Prevented Planting: 5 Questions](#). Southeast Farm Press. June 5, 2018.
217. [Georgia Peanuts Stunted, Cotton in Flux and Vegetables Near Devastation](#). PA PRO AG News. June 5, 2018.
218. [Rain Stunts Crop](#). The Peanut Grower. June 2018.
219. [Rains Hindering Peanut Crop](#). Tifton Grapevine. June 5, 2018.
220. [Georgia Peanuts Stunted, Cotton in Flux and Vegetables Near Devastation](#). FarmProgress. June 3, 2018.
221. [Rain Stunts Peanut Crop, Creates Perfect Conditions for Vegetable Diseases](#). Thomasville Times Enterprise. June 2, 2018.
222. [Georgia Peanuts, Cotton: Rains Leave Acreage Questions in Flux](#). Agfax. June 1, 2018.

223. [Excessive Rainfall could Spell Disaster for Georgia Farmers](#). Douglas Now. June 1, 2018.
224. Rain stunts peanut crop, creates perfect conditions for vegetable diseases. [University of Georgia, College of Agricultural and Environmental Sciences, Entomology News](#). May 31, 2018.
225. Rain stunts peanut crop, creates perfect conditions for vegetable diseases. [University of Georgia, College of Agricultural and Environmental Sciences, Forages News](#). May 31, 2018.
226. Rain stunts peanut crop, creates perfect conditions for vegetable diseases. [University of Georgia, College of Agricultural and Environmental Sciences, UGA Cooperative Extension, Media Newswire](#); May 31, 2018.
227. [Dr. Glen Kleine Capstone Presentations - Spring 2017](#). Eastern Kentucky University News. May 4, 2017.
228. [Agriculture Students Participate in Alltech Competition](#). Eastern Kentucky University News. April 5, 2017.
229. [Technological Transformation: A Way to Increase Food Availability around the World](#). The Chicago Council on Global Affairs. July 29, 2016.
230. [Meet the 2016 Next Generation Delegation](#). The Chicago Council on Global Affairs. April 25, 2016.
231. [Precision Agriculture for Small Growers, High-Value Crops](#). Food and Environment Reporting Network News. November 9, 2015.

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, Master Advisory Committee
Kelvin Kwadjo Bobbie, Chair, M.S., In Progress.
Susmitha Kalli, Co-Chair, M.S., 2023. (Ph.D. at University of Georgia)
Bishal Gaire, M.S., 2022. (Ph.D. at University of Georgia)
Rachel M Judd, M.S., 2022. (Ph.D. at Texas A&M University)

Madison Gabrielle Harkins, M.S., 2022. (Operations Specialist, University of Georgia; Business Services Specialist, Wilbur-Ellis)
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., 2022. (Ph.D. at Ohio State University)
Dhiraj Bhatta, M.S., 2021.
Mengyu Zhou, M.S. 2020.
Siyuan Jiang, M.S., 2019.

University of Georgia Committees

Social Media Marketing Committee, Agricultural and Applied Economics Department, University of Georgia, 2023-now.
Advisory Board for Department Head, Agricultural and Applied Economics Department, University of Georgia, 2023-now.
Search Committee for Assistant Professor in Hospitality and Food Industry Management, Agricultural and Applied Economics Department, University of Georgia, 2022-2023.
Search Committee for Department Chair, Agricultural and Applied Economics Department, University of Georgia, 2021-2022.
Membership Committee for UGA Association of Chinese American Professors, University of Georgia, 2021 – 2022.
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 (2023:2).
University of Georgia Extension (2023:1).
HortScience (2022:1).
Southern Ag Today (2022:4).
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

Chair, Cotton Economics and Marketing Conference of the Beltwide Cotton Conferences, 2023 – 2024.
Board Member, Tifton Financial Literacy Initiative (FLI) Advisory Board, Tifton City Council, 2022 – 2023.
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, 2022.
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, 2023.
Judge for Extension Competition for Graduate Students, Agricultural and Applied Economics Association, 2019, 2020, 2021, 2022.
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.
