XIANGPING LIU

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Texas State University
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EDUCATION

Ph.D. in Agricultural and Resource Economics 2008
University of Maryland, College Park, MD.

M.S. in Agricultural and Resource Economics 2004
University of Maryland, College Park, MD.

M.A. in Agricultural Economics 2001
Renmin University of China, Beijing, China.

B.S. in Economics and Management 1998
Southwest University, Chongqing, China.

RESEARCH INTERESTS

Environmental and Natural Resource Economics and Policy, Applied Econometrics, Agricultural Policy, and Development Economics.

TEACHING INTERESTS

Environmental and Natural Resource Economics and Policy, Applied Econometrics, Microeconomics (all levels), Agricultural Policy, and Development Economics.

PROFESSIONAL EXPERIENCE

Associate professor (with tenure), Dept. of Agricultural Sciences, Texas State University, San Marcos, TX Sept 2025 - present

Assistant professor (tenure-track), Dept. of Agricultural Sciences, Texas State University, San Marcos, TX Jan 2019 – Aug 2025

Visiting scholar, National Institute for Mathematical and Biological Synthesis (NIMBioS), University of Tennessee 2018

Research associate, Dept. of Agricultural and Resource Economics, University of Tennessee 2016-2018

Research fellow, Dept. of Economics, University of Gothenburg, Sweden 2011-2015

Post-Doctoral Research Associate, North Carolina State University 2008 –2011

Consultant, Development Economics Group at The World Bank 2008

Consultant, South Asia, East Asia, and Pacific Region, The World Bank 2006-2007

Research Assistant, Dept. of Agricultural and Resource Economics, University of Maryland 2001 –2005, 2007-2008

PUBLICATIONS (** undergraduate student, * graduate student)

1. Xiangping Liu, *Emma Parsley, Tina Cade 2025 "Awareness of Campus Sustainability Initiatives: A Comprehensive Analysis Using Survey Data" *International Journal of Sustainability in Higher Education* Vol. 27 No. 10 pp. 37–78. https://doi.org/10.1108/IJSHE-09-2024-0611 (Journal Impact Factor: 3.0, Journal Rank: Q1)

2. Dhanush Kenchanna*, Tina Marie Waliczek, Xiangping Liu 2025 "Measuring the Impact of Education on Waste Streams from Multi-Family Housing**"** *Recycling* , *10*(3), 102 **https://doi.org/10.3390/recycling10030102** (Link) (Journal Impact Factor: 4.6, Journal Rank: Q1**)**
3. *Subodh Pandey, Xiangping Liu, Alexis Racelis, Pushpa Soti 2025 "Estimating Economic Benefits of cover cropping on Carbon and Nitrogen storage in Organic Farming". *Agroecology and Sustainable Food Systems , 49(10), 1647–1665.* (Link) (Journal Impact Factor: 2.4, Journal Rank: Q1**)**
4. **Evan Moore, **Xiangping Liu**, and Merritt Drewery (2024) "Pelagic fish spared from ocean catch by integrating Black Soldier Fly Larvae in aquaculture production" *Frontiers in Sustainable Food Systems Vol 8, 2024,* DOI:10.3389/fsufs.2024.1297414 ISSN: 2571-581X. **(Link)** (Journal impact factor: 3.7, Journal rank: Q1)
5. *Emma Parsley, **Xiangping Liu**, and Tina Marie Waliczek (2024) "Developing a Questionnaire for Measuring the Importance of Campus Sustainability Initiatives" *Journal of Sustainability Education***,** Vol. 29, March 2024. ISSN: 2151-7452. (Link) (Open access e-journal run by academic institution, no rank)
6. **Liu, Xiangping**, Seong-Hoon Cho, Guangsheng Chen, Dan Hayes, Burton English, Paul R. Armsworth (2022) "Does a trade-off exist between economic and environmental impacts of forest carbon payment programs?" *Sustainability Science,* 17(5): 2031-2047. (Link) (Journal impact factor: 6.0, Journal rank: Q1)
7. Drewery, M. L., **Liu, Xiangping**, & Wickersham, T. (n.d.). (2022) "Black Soldier Fly Larvae (BSFL) as a feed for beef cattle: A hedonic pricing model". *Journal of Insects as Food and Feed*. 8 (7): 743 - 751. (Link) (Journal impact factor: 5.7, Journal rank: Q1)
8. **Liu, Xiangping**, Seong-Hoon Cho, Paul Armsworth, and Daniel Hayes (2021) "Where and When Carbon Storage can be Bought from Private Landowners?" *Environmental Management* 67 (5), 930-948 (Link) (Journal impact factor: 3.64, Journal rank: Q1)
9. **Liu, Xiangping**, Seong-Hoon Cho, Dan Hayes, and Paul Armsworth (2019) "Potential Efficiency Gains in Payment Programs from Resolving Spatial and Temporal Heterogeneity in the Cost of Supply Forest Carbon." *Journal of Environmental Management* 250: 109421. (Link) (Journal Impact Factor: 8.0, Journal rank: Q1)
10. Kandilov, Amy, Ivan Kandilov, **Xiangping Liu** and Mitch Renkow (2017) "The Impact of Broadband on U.S. Agriculture: An Evaluation of the USDA Broadband Loan Program." *Applied Economic Perspectives & Policy*, 39(4): 635–661. DOI: 10.1093/aepp/ppx022. (Link) (Journal Impact Factor: 3.3, Journal Rank: Q1)
11. Jaime, Marcela, Jessica Coria, and **Xiangping Liu** (2016) "Interactions between CAP Agricultural and Agri-Environmental Subsidies and Their Effects on the Uptake of Organic Farming." *American Journal of Agricultural Economics* 98 (4), 1114-1145. (Link) (Journal Impact factor: 4.2, Journal rank: Q1)
12. Taylor, Laura, Daniel Phaneuf, and **Xiangping LIU** (2016) "Disentangling Property Value Impacts of Environmental Contamination from Locally Undesirable Land Uses: Implications for Measuring Post-Cleanup Stigma." *Journal of Urban Economics*, 93:85–98. (Link) (Journal Impact Factor: 5.7, Journal Rank: Q1)
13. Lange, Andreas and **Xiangping Liu** (2014) "Land Development Restrictions and Preemptive Action - on the Benefits of Differentiated Regulation." *Strategic Behavior and the Environment* 4(4): 393-414. (Link) (Journal Impact Factor: 0.4 (new journal), Journal Rank: NA)
14. **Liu, Xiangping**, Laura Taylor, Timothy Hamilton, and Peter Grigelis (2013). "Amenity Values of Proximity to National Wildlife Refuges—an Analysis of Urban Residential Property Value." *Ecological Economics* (94): 37-43. (Link) (Journal Impact Factor: 6.6, Journal Rank: Q1)
15. **Liu, Xiangping**, Danijel Nestic, and Tomislav Vukina (2012). "Estimating Moral Hazard and Adverse Selection Effects with Hospital Invoices Data in a Government-Controlled Health Care System."

Health Economics, 21 (8): 883-901. (Leading article) (Link) (Journal Impact Factor: 2, Journal Rank: Q1)

16. **Liu, Xiangping** and Lori Lynch (2011). "Do Zoning Regulations Rob Rural Landowners' Equity?" *American Journal of Agricultural Economics*, 93(1): 1-25. (Leading article). (Link) (Journal Impact factor: 4.2, Journal Rank: Q1)
17. **Liu, Xiangping** and Lori Lynch (2011). "Do Agricultural Preservation Programs Affect Farmland Conversion? Evidence from a Propensity Score Matching Estimator." *Land Economics*, 87(2):183-201. (Leading article) (Link) (Journal Impact Factor: 2.03, Journal Rank: Q1)

PROCEEDINGS

18. Lynch, Lori and **Xiangping Liu** (2007). "The Impact of Designated Preservation Areas on Rate of Preservation and Rate of Conversion, Preliminary Evidence." *American Journal of Agricultural Economics*, vol. 89 (5):1205-1210. (Link) (Journal Impact factor: 4.2, Journal Rank: Q1)

WORKING PAPERS (undergraduate student, * graduate student)**

1. *Mackenzie Feldman; Anna Erwin; Xiangping Liu; Alexis Racelis 2026 "Institutional strategies for cover crop adoption in water-limited regions" (**Revise and resubmit**)
2. Does cover crop benefits large row-crow farmers: an economic analysis from 4-year on-farm trial (with *Anup Sharma, Pushpa Soti, and Alexis Racelis)
3. Household food waste behavior: Evidence from Survey and Waste auditing (with *Bonny Amin, *Dhanush Kenchanna, Tina Marie Cade, **Christy Redding, and Merritt Drewery)
4. The impact of trade tariff on cover crop adoption (with Prapti Sharma, Alexi Racelis)
5. The economic benefits of integrating land and water protection—a hedonic analysis in Minnesota (with *Nia Conway)
6. Crowding in Open Space: Interactions between Conservation Programs (with Lori Lynch)
7. Do Exports Raise Productivity? Plant-level Evidence from the Colombian Agri-food Industries (with Ivan Kandilov).
8. Does Neighborhood Matter? A Micro-level Spatial Analysis of the Entry and Exit from Organic Farming (with Henrik Smith, Thomas Sterner, Martin Stjernman, and Ola Olsson).

REPORT

- Taylor, Laura O., **Xiangping Liu**, and Timothy Hamilton. (2011). Amenity Values of Proximity to National Wildlife Refuges. Final Report to U.S. Fish and Wildlife Service, Department of Interior, November 2011, 75pp.

RESEARCH IN PROGRESS (undergraduate student, * graduate student)**

1. Impact of Economic, Soil, and Environmental Factors on Cover Crop Adoption: A Survey Approach (with *Bonny Amin and Alexis Racelis)
2. Cover Crop Adoption in the Rio Grande Valley (with *Mackenzie Feldman, Alexis Racelis, Anna Irwin, and Liz Carlisle)
3. Utilization of sugarcane bagasse ash as supplementary cementitious material in concrete (with *Amlan Majumder and Xijun Shi)
4. The heterogeneity of cover crop effects on yield, soil carbon, and nitrogen retention: a Meta-analysis (with *Anup Sharma, Pushpa Soti, and Alexis Racelis)
5. The economic benefits of integrating land and water protection- a national level analysis
6. Environmental injustice in conservation world

FELLOWSHIP & AWARD

- Favorite Professor Award, Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society. Spring 2024.
- 2023 USDA HSI (E. Kika De La Garza) Fellowship. Washington, DC July 10-14, 2023.
- Teaching Award of Honor, Texas State University Alumni Association, Spring 2020.

TEACHING EXPERIENCE

- Texas State University

AG 5300 Applied Statistics and Econometrics for Agriculture	Spring 2019-2026
AG 5304 Economics of Sustainable Natural Resource Manegement	Fall 2020, 2022, 2024,2026
AG 5370 Special Problems in Technical Agriculture	Fall 2021, Summer 2025-2026
AG 5101 Research Experience	Summer 2024
AG 5100 Professional Development	Spring 2026
AG 4371X/AG4385 Data Analysis and its Application in Agricultur	Summer 2023, Spring 2024, Winter 2025, Fall 2025
AG 4381 Agricultural Policy	Spring 2019, 2021, 2025
AG AG 3350/AG 4371Intermediate Microeconomic and Its Application in Agriculture	Fall 2019-2026
AG 4185 Independent Study	Spring 2020, Summer 2022
AG 3352 Quantitative Methods in Agricultural Economics	Summer 2019-2025, Spring 2022-23, 2026 Fall 2023-25,
AG 2390 Computer Applications in Agriculture	Fall 2019, Spring/Fall 2020-2021
AG 2383 Intro to Agricultural economics	Fall 2020, Spring&Fall 2021-2023, Spring 2024

- University of Gothenburg

Natural Resource Economics, the topic on spatial econometrics, PhD level	Spring 2012, 2014
Environmental Policy Instruments: the topics on agriculture, land use, climate change, energy policies, and biodiversity conservation, PhD level (economics), PhD level (non-economics), Master level (non-economics), and Undergraduate level	Spring 2012, 2013, 2014
Environmental Economics, Undergraduate level	Fall 2012, 2013, 2014
Environmental Economics: International Issues, Master level	Fall 2012, 2013, 2014
Environmental Valuation, PhD level	Fall 2013
Graduate Econometrics, Master level	Fall 2014

- North Carolina State University

Environmental and Resource Economics (ECG716), the section on program evaluation Spring 2009, 2010

CURRICULUM DEVELOPMENT

Texas State University

- New course development:
  - AG 4371/AG 3350 Intermediate Microeconomic and Its Application in Agriculture
  - AG 4371X /AG 4385 Data Science and its Application in Agriculture
  - AG 4386 Advanced Quantitative Method in Agriculture
  - AG 5393 Global Agriculture (Stacked course)
  - AG 5386 Quantitative Methods in Agricultural Economics (Stacked course)
  - AG 5385 Data Science Essentials in Agriculture (Stacked course)
- New Program:
  - Minor in Agricultural Business and Management

SUPERVISORY ACTIVITIES

- PhD dissertation
  Bonny Amine (co-advisor, Department of Biology, on-going)
  Sarah Tillem (Committee Member, Florida International University, on-going) "Evaluating Soil Quality and Farm Profitability Through Remote Sensing and Socioeconomic Modeling: A Comparative Study of Texas and South Florida Farms"
- Master thesis at Texas state University
  Makayla Sandoval (Primary advisor, ongoing)
  Jarrett Farmer (Primary advisor, ongoing)
  Prapti Sharma (Primary advisor, ongoing)
  Komalavalli Rajagopalsamy (Committee Member, on-going)
  Bonny Amin (Primary advisor, graduated with MS in 2025, now a PhD student at Texas State University)
  Abu Ahamed Sabbir (Committee Member, on-going)
  Anup Sharma (Primary advisor, Graduated in 2024, now PhD student at Colorado State University)
  Nia Conway, (Primary advisor, graduated in 2022)
  Daisy Delgado (Primary advisor, graduated in 2022)
  Louis Keller (Committee Member, graduated in 2025)
  Charles Hilderbrand (Committee Member, graduated in 2025)
  Mackenzie Bark (Committee Member, graduated in 2025)
  Srinivas Reddy Adama (Committee Member, graduated in 2024)
  McKenzie Feldman (Committee member, University of Texas Rio Grande Valley, graduated in 2024)
  Dhanush Kenchanna (Committee Member, Graduated in 2024)
  Amlan Majumder (Committee Member, Ingram School of Engineering, Graduated in 2024)
  Emma Parsley (Committee member, Department of Sustainability Studies, in 2022)
  Debarshi Bhattacharjee (Committee member, graduated in 2022)
  Prokash Deb Palash (Committee member, 2021, currently PhD student at Auburn University)
  Brianna Barnett (Committee member, professional paper, graduated in 2021)
- Undergraduate advising
  Pearl Willet (graduated Spring 2026)
  Matt McGinnis (on-going)
  Makayla Sandoval (graduated winter 2025, now a MS student at TXST)
  Evan Moore (graduated in winter 2023)
  Christy Redding (graduated in summer 2024, won Aditi Memorial Scholarship Fund 2023)
- Master thesis at University of Gothenburg:
  Olof Bjerstaf (primary advisor, 2013 with high pass)
    Thesis title: "What about those zeroes? a Monte Carlo study of estimators for corner solution outcomes"
  Zhenni Zhou (primary advisor, 2015 with high pass)
    Thesis tile: "Food waste in retailing stores in Sweden, a welfare simulation analysis"
  Carl Nolander (primary advisor, 2015 with high pass)
    Thesis title: "Price determination in the Chinese Carbon Market Pilots"

GRANT EXPERIENCE

Funded or pending grants

1. Global Leadership in Agroecosystems For Student Success (Glass) through Curriculum Enhancement and International Experiential Learning ($750,000, ***Pending***), Maruthi Sridhar Balaji

Bhaskar (PI), Krishnaswamy Jayachandran (Co-PI), Xiangping Liu (Co-PI), Pride Abongwa (Co-PI), 09/2027 – 08/2031, USDA-NIFA-CGP-011315.

2. F.L.A.S.H. - Flash Flood Local Alert & Safety Hub, ($15000, ***Granted***), Marcelo Menezes De Carvalho (PI), Jelena Tesic (Co-PI), Keisuke Ikehata (Co-PI), **Xiangping Liu (**Co-PI**)**. August 11, 2025 - Present. Research Accelerator Program, Texas State University.
3. Modeling CRP's Role in Wildfire Resilience ($1,146,849, ***Granted***), Christopher Serenari (PI), **Xiangping Liu** (Co-PI), Victoria Donovan (Co-PI), Heath Starns (Co-PI), 2024 – 2028, USDA-FSA-NHQ-CRP-24-NOFO0001333 Conservation Reserve Program (CRP) FY24 Monitoring, Assessment, and Evaluation (MAE) Opportunity.
4. Comprehensive Experiential Learnings to Promote Climate Resilient Agriculture for Under-Represented Minority Students, ($1,200,000, ***Granted***), **Xiangping Liu** (PI), Maruthi Sridhar Balaji Bhaskar (Co-PI), Pride Abongwa(Co-PI), Jelena Tesic (Co-PI), Krishnaswamy Jayachandran (Co-PI), 2024-2028, USDA-NIFA-HSI-010310. Award #: 2024-77040-43466.
5. Expanding AI Curriculum and Infrastructure at Texas State University to Advance Interdisciplinary Research and Grow a Diverse AI Workforce ($400,000, ***Granted***), Tahir Ekin (PI), Apan Qasem(Co-PI), Lucia Summers (Co-PI), Jelena Tešić (Co-PI), Damian Valles(Co-PI), Maria Resendiz(Senior Personnel), **Xiangping Liu**(Senior Personnel), Barbara Hewitt (Senior Personnel), Francis Mendez(Senior Personnel), Carolyn Chang(Senior Personnel), Jennifer Irvin(Senior Personnel), 2024-2025, CAP: Expanding AI Innovationthrough Capacity Building and Partnerships (ExpandAI) Program (NSF23-506).
6. Estimating Economic Cost Savings and Carbon Footprint Benefits from Avoided Food Waste for Urban Households —Insights from a Waste Audit and Household Surveys ($16,000 ***Granted***) **Xiangping Liu** (PI), Tina Cade (Co-PI), 2023-2024. Research Enhancement Program at Texas State Unvieristy.
7. Subtropical Soil Health Demonstration: On-Farm Trials with Cover Crops for Conservation Innovation in south Texas ($1,899,545 ***Granted*** Grant #: NR21-13G034.) Alexis Racelis (PI), Pushpa Soti (Co-PI), Rupesh Kariyat (Co-PI), Brad Christoffersen (Co-PI), **Xiangping Liu** (Co-PI). 2021-2025. USDA-NRCS-NHQ-CIGOFT-20-GEN0010750.
8. Utilization of Agricultural Wastes in Sustainable Concrete, ($29,983 ***Granted***) Xiinjun Shi (PI), Merritt Drewery (Co-PI), **Xiangping Liu** (Co-PI), Linda Alkire (Co-PI) 2023-2024, Texas State Multidisciplinary Internal Research Grant Program (MIRG).
9. Integrated Training and Experiential Learning (InTEL) for Data Analysis, Statistical Modeling and Computer Skills in Agricultural Sciences ($272,991***Granted***). Madan Dey (PI), **Xiangping Liu** (Co-PI), Omana Pratheesh Sudhakaran (Co-PI), Prasanna Surathkal (Co-PI), 2020-2025. USDA-NIFA-NLGCA-006780.
10. Economic Modeling of Soil Carbon Sequestration Resulting From Agricultural Soil Health Practices ($5,538 ***Granted***) Ken Mix (PI), **Xiangping Liu** (Co-PI), 2021-2022. Research Enhancement Program at Texas State Unvieristy.

Unfunded grants

11. DSFAS-CIN: Data Science and Integrated Land-Water Conservation ($1,000,000, ***undfunded***), **Xiangping Liu (PI)**, Jelena Tesicn(Co-PI),Eunsang Cho(Co-PI), Wenquan Dong (Co-PI), Xudong Rao(Co-PI), 10/01/2026 – 9/30/2030, USDA-NIFA-AFRI-011134.
12. F.L.A.S.H. Flash-flood Local Alert & Safety Hub Menezes ($299,548, ***unfunded***), Marcelo Menezes De Carvalho (PI), Jelena Tesicn(Co-PI), Keisuke Ikehata (Co-PI), **Xiangping Liu (**Co-PI**)**, 01/01/2026 - 12/31/2026, USDA-NIFA-AFRI-011134.

13. AI4Biota: A Breakthrough Framework for AI-Driven Modeling of Biological Processes and Events in Natural Ecosystems ($3,598,975, ***unfunded***), Jelena Tesic (PI), **Xiangping Liu(Co-PI)**, Mylene Farias (Co-PI), Sarah Fritts(Co-PI), Daniel Wescott(Co-PI), Marcelo Carvalho (Senior Personnel), Nicholas Herrmann (Senior Personnel), Vangelis Metsis (Senior Personnel), Ivan Castro Arellano (Senior Personnel), 2025-2030, NSF 24-527-062Y00: Growing Convergence Research (GCR).
14. Integration of Resource Conservation Practices, Spatial Informatics and Agricultural Economics for Improving Soil Health, ($899,999, ***unfunded***), Maruthi Sridhar Balaji Bhaskar (PI), Pride Abongwa(Co-PI), **Xiangping Liu** (Co-PI), Krishnaswamy Jayachandran (Co-PI), 2024-2028,USDA-NIFA- AFRI.
15. Identifying major challenges for cover crop adoption in South Texas: A survey approach ($16,188 ***unfunded***) Xiangping Liu (PI) for Graduate Student Bonny Amin, 09/01/2023-08/31/2025, 2023 SARE Graduate Student Grant.
16. Developing Eco-Friendly Construction Materials using Agricultural Waste (Eco-Con) ($299,959, ***unfunded***) Shijun Shi, Merritt Drewery, **Xiangping Liu**, Sanchul-Hwang. 01/01/2023 – 12/31/2024) USDA-NIFA-AFRI-007052.
17. Empowering Under-represented Master's Students with Data Science Skills: Mentoring through Applied Research and Training in Agriculture, ($246,000 ***Unfunded***), Madan Dey (PD), **Xianging Liu**(co-PD), 2022 – 2027 USDA-NIFA-HEP-008883.
18. Cover Crop Trials as a Soil Health Management Tool for Small Farms in Texas ($99,630, ***Unfunded***) **Xiangping Liu (PI)**, Ken Mix (Co-PI), Omana Pratheesh Sudhakaran (Co-PI) Woodard&Curran Foundation.
19. Integrated Approach to Masters Student Mentoring through Applied Research and Training (IAMSMART) in Agriculture ($246,000 ***Unfunded***)
    Source: USDA NIFA Food and Agricultural Sciences National Needs Graduate and Postgraduate Fellowship (NNF) Grants Program
    My role: Co-PD
20. "Big-Data in Ag-Learning": Integrating Big-Data Analytics Training with Applied Research to Prepare Minority Students for Next Generation Agricultural Jobs ($274,891 **unfunded**) Madan Dey (PI), Xiangping Liu (Co-PI), Omana Pratheesh (Co-PI), Prasanna Surathkal (Co-PI), 8/1/2020-7/31/22, USDA-NIFA-HSI program.
21. Strategies for small producers to cope with conflicting agricultural policy requirements ($16,000 **unfunded**), Xianging Liu (PI), Ken Mix (Co-PI) 1/1/2020-12/31/2021, Research Enhancement Program at Texas State Unvieristy.
22. "Strategies for small farmers and ranchers to cope with conflicting agricultural policy requirements" ($ 94,897 **unfunded**) Xiangping Liu (PI), Madan Dey (Co-PI) 09/01/2019 – 08/31/2021. USDA-NIFA-WAMS.
23. "Big-Data in Ag-Learning": Integrating Big-Data Analytics with Applied Research for Improved Student Experiential Learning Opportunities in Agriculture" ($275,000 **unfunded**) Madan Dey (PI), Xiangping Liu (Co-PI), Omana Pratheesh (Co-PI), Prasanna Surathkal (Co-PI), 09/01/2019 – 08/31/2021. USDA-NIFA-HSI program.
24. "Policy Instruments for Environmental and Natural Resource Management in Sweden" 2013-2016, $7 million (SEK 50 million, **unfunded**).
    Source: Swedish Environmental Protection Agency.
    My role: lead the proposal writing.
25. "Bioenergy Policies, Forest Certification, and Biodiversity Conservation in a Changing Climate" 2013-2015, $6 million (SEK 44 million, **unfunded**)
    Source: Swedish Energy agency

My role: lead the proposal writing.

26. "Bio-energy Policies on Agricultural Production, Land Use, and Biodiversity Conservation in Sweden", 2014-2015, $30,000 (for acquiring data).
    Source: Swedish government through BECC program (Biodiversity and Ecosystem Services in a Changing Climate)
    My role: principal investigator.

CONFERENCE PRESENTATIONS AND INVITED TALKS (undergraduate student, * graduate student)**

Presentations since joining Texas State University

2026

1. Maruthi Sridhar, B. B., Abongwa, P. Liu, X. and Jayachandran, K. 2025 "Enhancing Soil Health through Cover Crops in South Florida". ASA Southern Branch Annual Meeting, (Oral). Jan. 31 – Feb. 3, 2026, Louisville, KY.
2. *Sharma A. and Liu, X. 2024, "Evaluating the heterogeneity of cover crop effects on yield, soil carbon, and nitrogen retention: a comprehensive meta-analysis" 74th SWCS (Soil & Water Conservation Society) International Annual Conference (Oral). July 21-24, 2024, Myrtle Beach, SC.
3. *Amin B. and Liu, X. (2024), "Impact of Economic, Soil and Environmental Factors on Cover Crop Adoption: A Survey Approach" 74th SWCS (Soil & Water Conservation Society) International Annual Conference (Oral). July 21-24, 2024, Myrtle Beach, SC.
4. *Conway, N., and Liu, X., (2024), "The Economic Benefits of Integrating Land and Water Protection" 74th SWCS (Soil & Water Conservation Society) International Annual Conference (Oral). July 21-24, 2024, Myrtle Beach, SC.
5. *Feldman, M., Racelis, A., Liu, X., Erwin, A., Carlisle, L. (2024) "Cover Crop Adoption in the Rio Grande Valley" The 2024 Agriculture, Food & Human Values Society (AFHVS) and the Association for the Study of Food and Society (ASFS) Conference, (oral), June 5-8, Syracuse, NY.
6. *Amin B. and Liu, X (2024) "Impact of Economic, Soil, and Environmental Factors on Cover Crop Adoption: A Survey Approach" Texas Hispanic Farmer and Rancher Conference, (poster). April 24-25, McAllen, TX
7. *Sharma A. and Liu, X. 2024, "Evaluating the heterogeneity of cover crop effects on yield, soil carbon, and nitrogen retention: a Meta-analysis" Texas Hispanic Farmer and Rancher Conference, (poster) April 24-25, McAllen, TX
8. *Amin B. and Liu, X (2024) "Impact of Economic, Soil, and Environmental Factors on Cover Crop Adoption: A Survey Approach" Agricultural Consortium of Texas Meeting at Texas Tech University (poster) April 12th, 2024. (**Won first prize**)
9. *Sharma A. and Liu, X. 2024, "Evaluating the heterogeneity of cover crop effects on yield, soil carbon, and nitrogen retention: a Meta-analysis" Agricultural Consortium of Texas Meeting at Texas Tech University (poster) April 12th, 2024. (**Won second prize**)
10. *Sharma A. and Liu, X. 2024, "Evaluating the heterogeneity of cover crop effects on yield, soil carbon, and nitrogen retention: a Meta-analysis" TXST 15th Annual Graduate Student Research Conference (GSRC) (poster). April 2, 2024, San Marcos, TX.
11. *Amin B. and Liu, X (2024), "Heterogeneity of Cover Crop Adoption: A Review on Economic, Soil and Environmental Perspective" TXST 15th Annual Graduate Student Research Conference (GSRC) (poster). April 2, 2024, San Marcos, TX.
12. *Feldman, M., Racelis, A., Liu, X., Erwin, A., Carlisle, C. (2024), "Cover crop adoption in the water-limited Rio Grande Valley". Subtropical Agriculture and Environments Society annual conference (oral). Feb 8-9, 2024, South Padre Island, TX.

13. *Sharma A. and Liu, X. (2024), “Evaluating the heterogeneity of cover crop effects on yield, soil carbon, and nitrogen retention: a comprehensive meta-analysis” Subtropical Agriculture and Environments Society annual conference (poster). Feb 8-9, 2024, South Padre Island, TX.
14. *Amin B. and Liu, X. (2024), “Heterogeneity of Cover Crop Adoption: A Review on Economic, Soil and Environmental Perspective” Subtropical Agriculture and Environments Society annual conference. (oral) Feb 8-9, 2024, South Padre Island, TX.
15. *Amin, B. and Liu, X. (2024), " Economic, demographic, and farmer’s perspective on cover crop adoption: a survey approach." Subtropical Agriculture and Environments Society annual conference (poster). Feb 8-9, 2024, South Padre Island, TX.
16. *Martinez, M., *Martin, S., *Feldman, M., *Pilco, F., *Garcia-Patlan, C., *Gautam, M., *Zapsas, D., *Umuhoza, O., *Fajemisin, A., *Sharma, A., *Amin, B., Soti, P., Kariyat, R., Christoffersen, B., Liu, X., Racelis, A. (2024), “Farm Trials of Cover Crops for Conservation Innovation in Arid Farms of South Texas”. The Texas Organic Farmers & Gardeners Association (***TOFGA***), (poster) Jan 28-31, 2024, San Antonio, TX.

2023

17. *Martinez, M., *Martin, S., *Feldman, M., *Pilco, F., *Garcia-Patlan, C., *Gautam, M., *Zapsas, D., *Umuhoza, O., *Fajemisin, A., *Sharma, A., Soti, P., Kariyat, R., Christoffersen, B., Liu, X., Racelis, A. (2023), “Subtropical Soil Health Demonstration: On-Farm Trials of Cover Crops for Conservation Innovation in Arid farms of south Texas”. The Southern Family Farmers & Food Systems Conference, (poster) August 2023, San Marcos, TX.
18. **Moore, E. X.P. Liu, X, Drewery, ML 2023 “Pelagic fish spared from ocean catch by integrating Black Soldier Fly Larvae in aquaculture production” (*2023) TXST STEM Conference*, LBJ Conference Center, (poster) Texas State University, San Marcos.
19. **Moore, E. X.P. Liu, X, Drewery, ML. (2023) “Pelagic fish spared from ocean catch by integrating Black Soldier Fly Larvae in aquaculture production” *2023 Sustainability Exposition*, San Marcos (poster).

2022

20. *Pandey, S., Liu, X, Soti, P. and Racelis A. (2022) “Impact of Cover Cropping on Carbon and Nitrogen Storage on Organic Farming” *The 2022 Southern Family Farmers & Food Systems Conference*. (poster), August 7-9, 2022. Texas State University, San Marcos.
21. *Zapsas, D., *Gautam, M., *Fajemisin, A., *Delgado, D., *Kaur, S., Soti, P., Kariyat, R., Christoffersen, B., Liu, X., Racelis, A. (2022). Subtropical Soil Health Demonstration: On-Farm Trials of Cover Crops for Conservation Innovation in Arid farms of south Texas. The Texas Organic Farmers and Gardeners Association, (poster). January 27-29, 2022. Georgetown TX.

Presentations prior to joining Texas State University

- Department of Agriculture, Texas State University, 2018.
- Food and Resource Economics Department, University of Florida, 2017.
- Department of Agricultural Economics and Rural Sociology, University of Idaho, 2016.
- Department of Agricultural Economics, University of Kentucky, 2014.
- International Food Policy Research Institute, 2007, 2012, 2013.
- Agricultural and Applied Economics Association (AAEA) annual meeting, 2007, 2009, 2013, 2014.

- World Congress of Environmental and Resource Economists, 2014.
- European Economics Association annual meeting, 2013.
- School of Economics, University of Manchester, UK, 2012.
- Northeast Agricultural and Resource Economics Association (NAREA) annual meeting, and post conference workshop on "The Economics of Agricultural and Rural Ecosystem Services", 2012.
- Association of Environmental and Resource Economists (AERE) summer conference, 2011, 2012.
- Camp Resources, 2008, 2010.
- Southern Economics Association (SEA) annual meeting, 2009.
- W2133 Annual Meeting, 2009.
- Department of Resource Economics, University of Nevada, Reno, 2007.
- The Earth Institute, Columbia University, 2007.

SERVICE

Institutional Service

- Search committee for Tenure-Track position specializing in Crop Science/Horticulture at Department of Agricultural Sciences, March 2026-May 2026
- Search committee for non-Tenure-line position specializing in Agribusiness or Agricultural Economics at Department of Agricultural Sciences, March 2026-May 2026
- Faculty Governance Committee, Department of Agriculture Sciences, Texas State University, 2022-now
- Curriculum committee member, Department of Agriculture Sciences, Texas State University, 2022-now
- Search committee for college level Tenured or Tenure-Track position specializing in water resources at the College of Science and Technology at Texas State University October 2024-May 2025
- Program coordinator for Agribusiness program, Department of Agricultural Science, Texas State University 2022-now
- Judge for Texas State University Library Open Datathon, February 2024, 2025
- Scholarship Committee for the College of Science and Engineering at Texas State University 2025, 2026
- Scholarship Committee for the College of Applied Arts at Texas State University 2024
- Library representative for Department of Agricultural Science, Texas State University 2019-2024
- Reviewer for grants: Research Enhancement Program 2023 & 2024 at Texas State University
- Faculty Fellow for Texas State Center for Analytics and Data Science (TXST CAD) 2023- now
- Committee member for Minor in Data Science Workgroup at Texas State University 2021-2022
- Farm and Agribusiness Management program at Career Development Events (CDE) under Texas FFA Association, contest hosted by Department of Agricultural Science at Texas State University 2021, 2022, 2023, 2024.

Professional Service

- Associate Editor for Frontiers in Environmental Economics-- Resource Economics section, 2023-now
- 2026, Federal Grant Peer-Review Panelist (Invited). Institute of Youth, Family and Community, USDA, National Institute of Food and Agriculture.
- 2026, Federal Grant Peer-Review Panelist (Invited). Agriculture and Food Research Initiative (AFRI) USDA, National Institute of Food and Agriculture.
- Reviewer for grants: 2021, 2022, 2023, 2024 (2) USDA - NIFA – Federal Grant Peer Review

Panelist – Food, Agricultural, Natural Resources, and Human Sciences Grant Programs

- Reviewer for conferences: International Association of Agricultural Economists (IAAE), 2009.
- Reviewer for academic journals in alphabetical order: Aquaculture (1), Ambio (1), American Journal of Agricultural Economics (AJAE) (6), Applied Economics (APE) (1), Applied Economic Perspectives & Policy(AEPP) (1), Environmental and Resource Economics(ERE) (1), European Review of Agricultural Economics (2), Energy Journal (1), Forest Policy and Economics(1), Forest Science(1), Land Economics (2), Land Use Policy(3), Journal of Agricultural and Applied Economics (JAAE) (1), Journal of Agricultural and Resource Economics JARE) (2), Journal of Environmental Economics and Management (JEEM) (3), PLOs ONE(1), Regional Environmental Change(2).

PROFESSIONAL AFFILIATIONS

American Economic Association (AEA), Agricultural and Applied Economics Association (AAEA), Association of Environmental and Resource Economists (AERE), European Association of Environmental and Resource Economists (EAERE), European Economic Association, Association for Public Policy Analysis and Management (APPAM).

SKILLS

- **Certification for teaching online or hybrid course**: "Designing Your Blended Course (DYBC)" by Quality Matters. 2020
- **Computer Skills:** Stata (advanced), ArcView/ArcMap (advanced), R (advanced), SAS (intermediate), Matlab (intermediate), Mathematica (beginner), Python (basic).
- **Skills in quantitative analysis:** Cross-sectional models, Panel data methods, Discrete Choice and Limited Dependent Variable Models, Time series, Semi-parametric matching methods, Quasi-experiment methods, Spatial econometrics, Systems of equations.
- **Experience with confidential data:** use confidential US Census Micro-data from 2008-2011.
- **Experience in survey design and analysis:** survey of Chinese farmers on highly toxic pesticide application for master thesis, 2000.
- **Additional coursework/training:**
  - 2023 Multicultural Curriculum Transformation & Research Institute at Texas State University. May 22-25, 2023
  - The Office of Distance and Extended Learning 2023 Summer Institute at Texas State University. May 22-June 30, 2023
  - Multicultural Curriculum Transformation & Research Institute Workshop, "Scholarship and Teaching Excellence Program (STEP)," Faculty Development at Texas State University (September 13, 2019 - March 27, 2020).
  - Agricultural and Applied Economics Association (AAEA) annual meeting post-conference workshop: How to Get and Get the Most Out of Federal Statistical Microdata Off-site (USDA-Economic Research Service Office), August 2013.
  - Agricultural and Applied Economics Association (AAEA) annual meeting "Pre-Conference Workshop: Extension Section Chesapeake Bay Tour," Agricultural and Applied Economic Association (AAEA), Washington DC. (August 3, 2013).
  - Applied Sampling and Survey Design, University of Maryland and University of Michigan, Summer, 2004.
  - Computable General Equilibrium model, Beijing University, 1999. Lecture: Dianqing Xu from University of Western Ontario, Canada.
- **Languages**: English (fluent), Chinese (native).