

Syed Fuad

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Experience

Auburn University, Auburn, AL

Postdoctoral Fellow, Dept. of Agricultural Economics & Rural Sociology

June 2024 - present

Texas Tech University, Lubbock, TX

Instructor, Dept. of Agricultural & Applied Economics

Aug 2022 - July 2023

Teaching Assistant, Dept. of Agricultural & Applied Economics

Aug 2022 - Dec 2023

Georgia State University, Atlanta, GA

Lab Assistant, Dept. of Mathematics & Statistics

Jan 2019 - May 2019

Education

Ph.D., Agricultural and Applied Economics, Texas Tech University

May 2024

B.S., Finance and Mathematics, BRAC University

Sept 2017

Publications

Journal Articles (*Google Scholar citations: 112; h-index: 5*)

1. **Fuad, S. M.**, Farmer, M. C., & Adisa, A. (2025). Economic Opportunities of Bioelectricity from Cotton Gin Waste. *Journal of Agricultural and Applied Economics*, 57(1-28).
2. Farmer, M.C., **Fuad, S.**, Naithani, K., J., and Lacombe, D.J. (2024). Problem with Distance Variables and Alternatives for their Use. *Journal of Real Estate Research*, 1-23.
3. Muriuki, J., Hudson, D., and **Fuad, S.**. (2024). Individual, Household, and Community Resilience and Coping Strategies to Conflict. *Agrekon*, 63(1-2).
4. Muriuki, J., Hudson, D., **Fuad, S.**, Lacombe, D., and March, R. (2023). Spillover Effect of Violent Conflicts on Food Insecurity in Sub-Saharan Africa. *Food Policy*, 115(102417).
5. Muriuki, J., Hudson, D., and **Fuad, S.** (2023). The Impact of Conflict on Food Security: Evidence from Household Data in Ethiopia and Malawi. *Agriculture & Food Security*, 12(1).

Articles Under Review (Selected)

6. **Fuad, S.**, Zhang, J., Hartarska, V., and Nadolnyak, D. Entry Barriers for Beginning and Young Farmers in the U.S.: An Application of Spatial Analysis. *European Review of Agricultural Economics*. (Conditionally accepted with minor revisions)
7. **Fuad, S.**, Hartarska, V., and Nadolnyak, D. Beginning Farmers and Farm Productivity: Evidence from the 2022 Census of Agriculture. *Journal of Agricultural and Resource Economics*. (Revise & Resubmit)
8. **Fuad, S.**, Hartarska, V., and Nadolnyak, D. Impact of Precision Agriculture on Crop Productivity. *Applied Economic Perspectives and Policy*. (Reject & Resubmit)
9. **Fuad, S.**, Hartarska, V., and Nadolnyak, D. Are Beginning Farmers Less Efficient? A Nationwide Assessment Using the Census of Agriculture. *American Journal of Agricultural Economics*. (Submitted)

10. **Fuad, S.** and Farmer, M.C. Property Taxation Bias in Atlanta: The Difficulty in Reversing Structural Discrimination. *Journal of Housing Economics.* (Submitted)
11. **Fuad, S.**, Adisa, A., and Farmer, M.C. Spatial Hierarchies and Latent Preferences: Rethinking Submarket Boundaries in Urban Housing. *Environmental and Resource Economics.* (Submitted)

Teaching

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| AAEC 2401 Agricultural Statistics (Eval: 4.48/5.00) | <i>Fall 2022, Spring 2023</i> |
| AAEC 3302 Agribusiness Finance | <i>Summer 2023</i> |
| AAEC 6308 Advanced Natural Resource Economics (Teaching Assistant) | <i>Fall 2022, 2023</i> |
| AGEC 240 Trends & Issues in Agriculture (Guest Lecturer) | <i>Fall 2022</i> |
| AAEC 6302 Food, Agriculture, & Natural Resource Policy Analysis (Guest Lecturer) | <i>Fall 2021</i> |
| MATH 1111 Algebra; 1113 & 2215 Pre- & Multivariate Calculus; 2641 & 4435 Linear Algebra I & II | <i>Spring 2019</i> |

Grants

1. Hartarska, V. (PD), Nadolnyak, D. (co-PD), Becot, F.(co-PD), **Fuad, S.** (Senior Personnel). Improving the Vitality of Small Family Farms: Pathways to Resilience, Prosperity, and Family Continuity, *AFRI Competitive Grants Program, USDA.* \$650,000. 2026-2030 (Pending)
2. Hartarska, V. (PD), Nadolnyak, D. (co-PD), Banerjee, T. (co-PD), Gibson-Young, L. (co-PD), **Fuad, S.** (Senior Personnel). Digital Infrastructure for Rural Prosperity: Causal Impacts of High-Speed Internet on Economic, Educational, and Health Outcomes in the Southeastern U.S., *AFRI Competitive Grants Program, USDA.* \$650,000. 2026-2029 (Pending)
3. **Fuad, S.** (PD) Mapping SNAP Deserts in Alabama: A Data-Driven Approach to Monitoring and Prediction. *Alabama Agricultural Experiment Station PEER.* \$10,000. 2025-2026 (Pending)

Conference Presentations

Agricultural & Applied Economics Association (AAEA) Meetings 2025, 2024, 2023, 2022; American Economic Association (AEA/ASSA) Meetings 2024, 2023; Southern Economic Association (SEA) Annual Meeting 2023; Mid-Continent Regional Science Association (MCRSA/IMPLAN) Conference 2023; Southern Agricultural Economics Association (SAEA) Meetings 2022, 2026 (Scheduled).

Review

Journal of Agricultural & Resource Economics, Agricultural Finance Review, Scientific Reports, Agricultural & Applied Economics Association (AAEA) 2024 and 2025 Meetings, Agroforestry Systems, Agriculture & Food Security, Agricultural & Food Economics, Journal of Regional Analysis & Policy, Discover Sustainability, Conflict & Health, Food & Humanity, International Journal of Community Well-Being, Cost Effectiveness and Resource Allocation, Discover Global Society, Future Business Journal, International Journal of Agricultural Economics.

Software

R, Python, SQL, Git; Stata, Qualtrics; dashboard development with R Shiny, Tableau, MS Power BI.

Awards

Texas Tech Dissertation Fellowship (2023-24); Department Travel Grant (2022, 2023); Graduate School Travel Grant (2022, 2023); Erin Wheeler Cook Scholarship (2019, 2020).