

SYED FUAD
318D Agricultural Sciences Building
1312 Boston Avenue Lubbock, TX 79409
+1 (919) 645-7232
Email: syed.m.fuad@ttu.edu

EDUCATION

Ph.D., Applied Economics

Texas Tech University

Dissertation: Three Essays in Natural Resource Economics

May 2024

Lubbock, TX

B.B.A., Finance and Mathematics

BRAC Business School, BRAC University

Aug 2017

Bangladesh

RESEARCH EXPERIENCE

Graduate Research Assistant

Texas Tech University

Aug 2019 - present

Research Interests: Applied Econometrics and Statistics, Network Analysis, Hedonic Pricing, Machine Learning, Causal Inference

PAPERS UNDER REVIEW

- **Fuad, S.**, Adisa, A., Farmer, M. (2022). Profitability of a Two Product Biorefinery. (*Under Submission at Journal of Agricultural and Applied Economics*).
- Muriuki, J., Hudson, D., **Fuad, S.**, Lacombe, D., March, R. (2022). Spillover of Violent Conflicts on Food Insecurity in Sub-Saharan Africa. *Food Policy (Revise and Resubmit)*.

PAPERS IN PROGRESS (TO SUBMISSION)

- **Fuad, S.**, Farmer, M. (202-). Who to Fund? Identifying Strategic Collaborations & Stimulative Policies for Dynamic Research Networks. (*In preparation for R&D Management*).
- **Fuad, S.**, Farmer, M., Adisa, A. (202-). Residential Property Tax Discrimination in Atlanta, GA. (*In preparation for Journal of Housing Economics*).
- Adisa, A., **Fuad, S.**, Farmer, M. (202-). A Fully Endogenized Finite Mixture Modeling Approach to Submarket Delineation in Atlanta, GA. (*In preparation for Journal of Housing Economics*).

WORKING PAPERS

- Comparative Effectiveness of Machine Learning Methods for Causal Inference. (*with Badruddoza, S. & Amin, M.*).
- Determinants of the Presence, Density, and Popularity of U.S. Food Retailers. (*with Badruddoza, S. & Amin, M.*).
- DACA Effect on Labor Market Outcomes: Evidence from U.S. Micro-Level Data. (*with Haider, S. & Hudson, D.*).

- Does Crime Beget Crime? A Spatial Study of Crime in U.S. Counties. (*with Haider, S. & Hudson, D.*).
- Violent Conflicts and their Impact on Food Insecurity in Sub-Saharan Africa. (*with Muriuki, J., Hudson, D. & March, R.*).
- Individual, Household, and Community Resilience and Coping Strategies to Violent Conflict Impacts in Sub-Saharan Africa. (*with Muriuki, J. & Hudson, D.*).
- The Wretched Refuse? Sanctuary Policy and Crime in U.S. Counties. (*with Haider, S. & Hudson, D.*).

PRESENTATIONS

Strategic Collaborations & Stimulative Policies for Dynamic Research Networks

- SAEA Conference
Southern Agricultural Economics Association February 2023
Oklahoma City, OK
- Arts & Humanities Conference
Texas Tech University November 2022
Lubbock, TX
- Davis College Graduate Student Poster Competition
Texas Tech University September 2022
Lubbock, TX

Determinants of the Presence, Density, and Popularity of U.S. Food Retailers

- AEA/ASSA Conference (Poster Presentation)
American Economic Association January 2023
New Orleans, LA

Comparative Effectiveness of Machine Learning Methods for Causal Inference

- AEA/ASSA Conference (Poster Presentation)
American Economic Association January 2023
New Orleans, LA
- AAEA Annual Meeting (Poster Presentation)
Agricultural and Applied Economics Association August 2022
Anaheim, CA

Can Machine Learning Predict Defaults in Peer-to-Peer Small Loans?

- AAEA Annual Meeting (Poster Presentation)
Agricultural and Applied Economics Association August 2022
Anaheim, CA

Impacts of Violent Conflicts on Food Insecurity in Sub-Saharan Africa*

- AAEA Annual Meeting (Poster Presentation)
Agricultural and Applied Economics Association August 2021
Austin, TX

Spatial Spillover Effect of Violent Conflicts on Food Insecurity in Sub-Saharan Africa*

- SAEA Conference
Southern Agricultural Economics Association February 2022
New Orleans, LA

(*: presented by a coauthor)

INVITED Local Governance, Decentralization, and Corruption

- British Academy/DFID Anti-Corruption Evidence Program
The British Academy February 2018
London, UK
- Overseas Development Institute (ODI) brown bag seminar
Overseas Development Institute February 2018
London, UK

TEACHING

INSTRUCTOR Agricultural Statistics (AAEC 2401) <i>Texas Tech University</i>	Fall 2022
LAB INSTRUCTOR Agricultural Statistics (AAEC 2401) <i>Texas Tech University</i>	Fall 2022
TEACHING ASSISTANT Advanced Natural Resource Economics (AAEC 6308) <i>Texas Tech University</i>	Fall 2022
GUEST LECTURER Trends & Issues in Agriculture (AGEC 240) <i>Professor: Dr. James Muriuki (Mayville State University)</i>	Fall 2022
GUEST LECTURER Food, Ag., and Nat. Resource Policy Analysis (AAEC 6302) <i>Professor: Dr. Mahfuzur Rahman (Dept. of Agricultural and Applied Economics)</i>	Fall 2020

WORK EXPERIENCE

Research Assistant <i>Center for Policy Dialogue</i>	Sept 2017 - Dec 2018
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PRE-2019 PUBLICATIONS

- Bhattacharya, D., Rahman, M.R., **Fuad, S.** (2015). How Coherent are Trade and Investment Policies of the Southern Finance Providers? A Case Study on Indo-Bangla Lines of Credit. *New York: United Nations Development Program.*
- **Fuad, S.**, et al. (2018). Local governance, decentralization and corruption in Bangladesh and Nigeria. *London: Overseas Development Institute (ODI).*
- **Fuad, S.**, et al. (2017). Quest for Transformation of Bangladesh: Who Not to Be Left Behind. *Dhaka: Centre for Policy Dialogue (CPD) and Citizen's Platform for SDGs.*

PRE-2019 GRANTS

- Decentralisation, Multilevel Governance, and Corruption by British Academy and Overseas Development Institute (ODI), 2018 (grant share amount: US\$385,000).
- South-South Global Thinkers: The Global Coalition of Think Tank Networks for SSC by UNOSSC and UNDP, 2018 (grant amount: US\$20,000).

AWARDS

- Department Travel Grant (\$450) (Fall 2022)
- Graduate School Travel Grant (\$450) (Fall 2022)
- Erin Wheeler Cook Scholarship (2020-21)
- Rushda Graduate Scholarship (2019-20)

REFERENCES

- **Dr. Michael C. Farmer**

Associate Professor of Agricultural and Applied Economics
Department of Agricultural and Applied Economics
Texas Tech University
Agricultural Sciences 204C, 1312 Boston Avenue Lubbock, TX 79409

Telephone: (806) 742-2821
Email: Michael.Farmer@ttu.edu

- **Dr. Donald Lacombe**

Associate Professor of Personal Financial Planning
Department of Financial Planning
Texas Tech University
Room 234C, 1301 Akron Avenue, Lubbock, TX 79409

Telephone: (806) 834-2005
Email: Donald.Lacombe@ttu.edu

- **Dr. Chenggang Wang**

Associate Professor of Agricultural and Applied Economics
Department of Agricultural and Applied Economics
Texas Tech University
Agricultural Sciences 301C, 1312 Boston Avenue Lubbock, TX 79409

Telephone: (806) 834-6238
Email: Chenggang.Wang@ttu.edu

- **Dr. Syed Badruddoza**

Assistant Professor of Agricultural and Applied Economics
Department of Agricultural and Applied Economics
Texas Tech University
Agricultural Sciences 204A, 1312 Boston Avenue Lubbock, TX 79409

Telephone: (806) 834 1921
Email: Syed.Badruddoza@ttu.edu