Mustofa Mahmud Al Mamun

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Education

2018-Present **Fordham University- (Bronx, NYC, USA)**

PhD in Economics

GPA: 3.83 – Expected Graduation: May 2024

2016-2018 **University of Arizona- (Tucson, AZ, USA)**

MS in Agricultural & Resource Economics (Applied Econometrics and Data Analytics)

GPA: 4.00/4.00 - Graduation: May 2018

2015-2016 **University of Dhaka- (Dhaka, Bangladesh)**

Master of Economics (Environmental Economics)

GPA: 3.94/4.00 – Graduation: July 2016

2009-2014 **Bangladesh University of Engineering & Technology**– **(Dhaka, Bangladesh)**

Bachelor of Urban & Regional Planning

Work Experience

2020-Present *Teaching Fellow* at *Economics Department*- **Fordham University**

- Basic Microeconomics, ECON1200R09 (Fall-2020)
- Basic Microeconomics, ECON1200R10 & ECON1200R08 (Spring-2021)

2018-2020 *Graduate Assistant* at *Economics Department*- **Fordham University**

- Tutoring undergraduates for Basic Microeconomics, Basic Macroeconomics, Statistics-1, Mathmatics-1.

2017-2018 *Research Assistant for Dr. George Frisvold* – **University of Arizona (Tucson, USA)**

- Worked in a USDA funded project on adopting weed resistance management practices among the US cotton, corn, and soybean farmers
- Responsible for data cleaning, presentation, and analysis using SAS

- Conducted literature review

2017 (Summer) *Data Science Intern at Stadium Goods* **(New York, NY)**

- Handled live databases for world's one of the fastest growing online retailers in the apparel and footwear markets
- Used SQL to source data from multiple relational databases
- Used BI tools Chartio/Tableau for data analysis and visualization

2016-17   *Teaching Assistant for AREC Department*– **University of Arizona (Tucson, USA)**

- Econ 360: Economic Development with Dr. Paul Wilson (Spring-17)
- Econ 304: Intermediate Microeconomic theories with Dr. Roger Dahlgran (Fall-16)
- Econ 304: Economics of Futures Market with Dr. Roger Dahlgran (Fall-16)
- Responsible for proctoring exams, grading, and holding office hours.

Thesis and Publication

- Ervin, D. E., Breshears, E. H., Frisvold, G. B., Hurley, T., Dentzman, K.E., Gunsolus, J.L., Jussaume, R. A., Owen, M. D. K., Norsworthy, J. K., Mamun, M. M. A., & Everman, W. (2019). Farmer attitudes toward cooperative approaches to herbicide resistance management: A common pool ecosystem service challenge. *Ecological Economics, 157,* 237-245.

- Mohiuddin, H., Bhuiya, M.M.R., & Mamun, M.M.A. (2014). An analysis of the temperature change of Dhaka city. *Proceedings of 5th International Conference on Environmental Aspects of Bangladesh (ICEAB 2014), Dhaka, Bangladesh, E-27.*

- Completed Master's thesis titled "**Land Tenure, Farmer's Perception and Adoption of Weed Resistance Management Practices**" as part of MS degree in **Applied Econometrics and Data Analytics.** I used multinomial logit regression model to find that full owners are, on average, older and more likely to display "techno-optimism" than the renters. Results suggest that age and techno-optimism are greater barriers to adopt resistance management practices.

- Completed Master's thesis titled "**Economics of Fish Fry Collection: A Study on the Halda River**" as part of MECON degree in **Environmental Economics.** I conducted primary survey to collect data and estimated direct use value from fish fry collection.

- Completed undergraduate thesis titled **"Regional inequality of Bangladesh"** with district level data from secondary source. I used factor analysis to construct basic indicators from 24 socio-economic indicators and then used cluster analysis to identify distinct regions from 64 districts of Bangladesh.

Programming Skills

- Proficient in SQL, SAS, R, & Python.