Sulin Chowdhury

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WORK EXPERIENCE

University of Connecticut   **Jan. 2021 – Present**
Graduate Research Assistant   *Storrs, CT*

- As a graduate student and a Graduate Research Assistant in the Department of Agricultural and Resource Economics (ARE) Ph.D. program at The University of Connecticut, I am working on multiple projects involving applications of ***causal inference, quasi-experimental methods,*** and ***randomized control trials***:
  - Completed research using Stata on the potential of boosting women's empowerment in Tanzania through the provision of e-savings accounts via a randomized control trial experiment.
  - Using Python to navigate and utilize large-scale Nielsen Retail Scanner Data to determine the effect of compost laws on food consumption habits.
  - Currently investigating the relationship between community engagement and intra-community violence in the United States.
  - Designed Surveys in Qualtrics and ODK

United States Department of Agriculture   **Jun. 2023 - Sep. 2023**
Student Trainee   *Kansas City, MO*

- Assisted in developing and expanding the Regional Environment & Agriculture Programming (REAP) model, a comprehensive tool for analyzing the agricultural sector and its environmental impact.
- Analyzed the impact of climate-related issues on agriculture, studying the dynamics of livestock and feed markets, examining the relationship between bioenergy production and the agricultural sector, and exploring the implications of alternative land management strategies in agriculture through mathematical programming models in GAMS

International Food Policy Research Institute (IFPRI)   **Dec. 2016 – Jun. 2020**
Research Analyst   *Dhaka, BD*

- Analyzed large-scale household and Census data collected by enumerators. Designed and drafted survey questionnaires in ODK, and trained enumerators in the application of said questionnaires.
- Built and analyzed economic models in STATA and GAMS. Created maps and graphics using R and ArcGIS.
- Analyzed various household and market datasets to produce reports on relevant scenarios regarding agriculture and economic welfare in Bangladesh.

EDUCATION

University of Connecticut   **Jan. 2021 - Present**
PhD, Agricultural and Resource Economics   *Storrs, CT*

- Primary areas of research are Development Economics, Labor Economics, and Econometrics with a focus on Causal Inference and Big Data Analysis.
- Completed courses on practical applications of causal inference methods in the sphere of applied economics.

University of California, Davis   **Graduated July 2016**
MS, Agricultural and Resource Economics   *Davis, CA*

University of California, Davis   **Graduated June 2014**
BA, Economics   *Davis, CA*

SKILLS & INTERESTS

- **Skills :** ArcGIS, GAMS, LaTeX(Overleaf), Matlab, Python, Qualtrics, R, SAS, SQL, Stata
- **Interests :** Elliptical, Sci-Fi, Piano, Reading, Video Essays