Sulin Chowdhury

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Research Fields

Development Economics, Labor Economics, Causal Inference, Environmental Economics

Education

PhD	**University of Connecticut**, Agricultural and Resource Economics	Jan 2021 – June 2025
MS	**University of Connecticut**, Applied and Resource Economics	Jan 2021 – May 2024
MS	**University of California, Davis**, Agricultural and Resource Economics	Sept 2015 – July 2016
BA	**University of California, Davis**, Economics	Sept 2012 – June 2014
AS	**Pasadena City College**, Natural Sciences	June 2009 – Aug 2012

Experience

University of Connecticut, Research Assistant — Storrs, CT — Jan 2021 – June 2025

- Used econometric and quantitative techniques for research; worked with econometric and statistical techniques; conducted studies related to economic regulation, as well as performed economic studies and economic impact studies as described below. Performed economic analysis using statistical software packages.
- Worked on projects involving applications of *causal inference, quasi-experimental methods, and randomized controlled trials (RCT's), and other econometric methods*.
- Developed advanced economic and econometric models to analyze large datasets, including Nielsen Retail Scanner Data, to assess the impact of policies such as compost laws on food consumption.
- Designed and promoted collaborative research projects in partnership with governmental and academic institutions, focusing on projects like evaluating RCT's in Tanzania and trends in Opioid Deaths in Connecticut.
- Led technical aspects of studies aimed at addressing complex economic development issues, such as evaluating natural disasters' impact on in-utero health using Difference-in-Differences methods, with applications relevant to workforce development, infrastructure, and policy impacts.
- Engaged with senior economists and stakeholders to identify research needs, resource availability, and gaps in existing literature, contributing to the development and execution of long-term research strategies.

United States Department of Agriculture, Student Trainee — Kansas City, MO — June 2023 – Aug 2023

- Developed and enhanced the Regional Environment & Agriculture Programming (REAP) model, facilitating analysis of agricultural and environmental impacts.
- Analyzed climate-related issues affecting agriculture, examining interactions between bioenergy production, livestock dynamics, and feed markets. Provided insights into policy and regulatory impacts across regional and national levels.
- Coordinated with interdisciplinary teams to design studies addressing sector-wide challenges and delivered findings to policymakers and academic audiences.

International Food Policy Research Institute, Research Analyst — Dhaka, BD — Dec 2016 – June 2020

- Conducted large-scale economic modeling and econometric analyses using household and Census data to assess socioeconomic impacts and regulatory outcomes.
- Developed and promoted data collection projects, including survey design in Open Data Kit (ODK), training field enumerators, and collaborating with local agencies

and international NGOs.

- Served as the technical lead on studies examining supply chain dynamics, agricultural welfare, and infrastructure in response to economic development and regulatory policies.
- Engaged with senior economists and stakeholders to prioritize research needs, create gap assessments, and support evidence-based strategies for long-term economic resilience.

Work In Progress

Impact of Cyclonic Storms on Early Childhood Health *(Job Market Paper)*

Enhancing the Potential of E-savings to Boost Women's Economic Empowerment in Tanzania *(With Nathan Fiala and Annekathrin Schoofs*

Composting Measures and Their Impact on Household Consumption *(With Jackson Somers and Mengjie Li)*

Impact of Prescription Cap Laws on Estimates of Opioid Misuse in the United States

Conferences and Invited Presentations

2024: University of Connecticut Agriculture and Resource Economics Research Sessions, Storrs CT (October), "Impact of Cyclonic Storms on Early Childhood Health", presentation
2024: CAHNR Graduate Student Research Forum, Storrs CT (April), "Composting Measures and Their Impact on Household Consumption", presentation
2022: Agricultural & Applied Economics Association (AAEA) Annual Conference, Washington D.C. (August),

- "Impact of Cyclonic Storms on Early Childhood Health", *lightning session*
- "Prescription Limiting Laws Effects on Opioid Misuse in the United States", *lightning session*

2017-2019: International Food Policy Research Institute: The Integrated Food Policy Research Program, Dhaka Bangladesh (September), "Concepts and Tools for Food Policy Analysis", Presented Annually

Teaching and Supervising

TA, *Intermediate Applied and Resource Economics* (Undergrad, UConn)	Spring 2025
Instructor, *Writing in Environmental Policy* (Undergrad, UConn)	Spring 2025
Instructor, *Writing in Food Policy* (Undergrad, UConn)	Fall 2024
TA, *Principles of Applied and Resource Economics* (Undergrad, UConn)	Fall 2024
TA, *Computational Analysis in Applied Economics* (Undergrad, UConn)	Spring 2021
TA, *Business Economics* (Undergrad, UC Davis)	Spring 2016
TA, *Business Economics* (Undergrad, UC Davis)	Fall 2015

Grants and Fellowships

Stewart Johnson Scholarship Fund ($2000)	2024
Marvin W. Kottke Scholarship Fund ($2500)	2024
ARE Professional Development Award ($750)	2023

Capabilities

Languages: English (native), Bangla (native), Spanish (basic)

Skills: ArcGIS, GAMS, Git, LaTeX (Overleaf), Matlab, Python, Qualtrics, R, SQL, Stata, SurveyCTO