

# Mallika Sharma

Department of Economics  
University of Calgary  
2500 University Dr. N.W.  
Calgary, Alberta, T2N 1N4

Phone: (403) 4718070  
Email: mallika.sharma@ucalgary.ca

## Education

Ph.D. Economics, University of Calgary, 2019–2026 (expected)

*Fields: Environmental economics, Energy and Electricity*

Madras School of Economics, Central University of Tamil Nadu, India, 2013-2015

Symbiosis School of Economics, Symbiosis International University, India, 2010-2013

## Research in Progress

Network effects between electric vehicles and charging infrastructure.

Are the Electric Vehicle charging equipment incentives worth it: An analysis of the effectiveness of home and commercial EV charger rebates.

How do people drive and charge their electric vehicles. (with Ali Niazi and Dr. Blake Shaffer)

The value of timely and detailed electricity data for energy and economic policy research (with Dr. Megan Bailey and Dr. Blake Shaffer)

## Awards

Anton and Delgarno Memorial Graduate Scholarship 2020 (\$10,000)

Best TA award for Mathematical Economics II 2021 (\$500)

## Academic Experience

### *Instructor*

ECON 395: Introduction to Econometrics (*Summer 2025*)

ECON 311: Computer Applications in Economics (*Spring 2023*)

### *Teaching Assistant*

Tutorials/Teaching experience:

Principles of Microeconomics, Introduction to Econometrics, Introduction to Mathematical Economics I, Introduction to Mathematical Economics II, The Economics of Health, Regulatory Economics, Computer Applications in Economics

## Research Assistant

Assisted

Dr. Blake Shaffer (supervisor), Dr. Megan Bailey, Dr. David Brown, Dr. Erica Myers, Dr. Frank Wolak:

In multiple field experiments (papers below) on demand side management and direct control load, with experience in conducting power analyses and working with utility.

Show Me the Money! Incentives and Nudges to Shift Electric Vehicle Charge Timing (*AEJ: Economic Policy*)

Take the Load Off: Time and Technology as Determinants of Electricity Demand Response. (*NBER Working Paper*)

Electric Vehicles and the Energy Transition: Unintended Consequences of a Common Retail Rate Design (*AER: Insights*)

## Pre-Doctoral Professional Experience

**CDP Worldwide (formerly Carbon Disclosure Project), India, 2016-2019**

Technical Officer, Scoring and Data team

Responsible for scoring companies on environmental stewardship; Design and building in-house Scope 3 dataset.

**Ford Motor Private Limited, India, 2015-2016**

Market Research analyst, Global Data Insight and Analytics

Responsible to analyze customer surveys on mTAB for European Market of Ford cars and other competitors.

## Conferences

June 2025: (Presenter) Canadian Resource and Environmental Economics Association (CREEA)

June 2024: (Presenter) Canadian Resource and Environmental Economics Association (CREEA)

Oct 2024: (Volunteer Organizer) GridFWD 2024

## Policy work and Outreach

The Value of Timely and Detailed Electricity Data for Energy and Economic Policy Research” (with Blake Shaffer and Megan Bailey), March 2021. Report and presentation commissioned by Natural Resources Canada.

India Inc. readies for ParisAgreement & beyond - CDP India Climate Change Report 2016

India Inc. aligns with NDC and Paris Agreement to seize opportunities - CDP India Climate Change Report 2017

## Services and other Professional activities

VP Communications, Economics Graduate Association (EGA) – Oct 2020 - July 2024

UC Berkeley Summer School in Environmental and Energy Economics, August 2021, through selection process

Invited participant/contributor at Research Roundtable conversation on Climate, Energy and Sustainability 2024

PhD-Student researcher at Net Zero Electricity Research Initiative

## Other information

*Language:* English (fluent), Hindi (mother tongue)

*Computer Skills:* Proficient in R, STATA,  $\text{\LaTeX}$ , MS Office, Python (basic)

*Citizenship:* Canada

## References

Dr. Blake Shaffer  
Associate Professor  
University of Calgary  
Email: [blake.shaffer@ucalgary.ca](mailto:blake.shaffer@ucalgary.ca)