Mitali Roy Mathur

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EDUCATION

University of California, Davis – Department of Economics *California, USA*
3rd year Economics Ph.D. student; *Fields:* Labor, Development 2022 – Present
Master of Arts: Economics 2023

Georgetown University, Edmund A. Walsh School of Foreign Service *Washington D.C., USA*
Bachelor of Science: International Economics (Honors); Major GPA: 3.83/4.00 2019
Certificate: International Development; *Minor:* Mandarin Chinese

WORKS IN PROGRESS

Government Scheme Overload: Take-up and Targeting in a Multi-Scheme Context
- J-PAL Social Protection Initiative 2024
- CEGA Development Economics Challenge 2024

Uncertainty and Frictions in Gig Work: Evidence via Conditional Income Guarantee Interventions
(with Aleksander Michuda and Shotaro Nakamura)
- IDinsight Digital Economy Research & Impact Initiative 2024

The Diversity of Conference Presenters in Virtual and In-Person Conferences
(with Jenna Stearns and Keer Yang)
- Academic Female Finance Committee 2023

RESEARCH EXPERIENCE

University of California, Davis *California, USA*
Graduate Student Researcher for Prof. Ashish Shenoy 2025 – Present
- Leading data analysis and study design for a project understanding the labor supply decisions and perceptions of migration policies of internal migrants in Bangladesh

Graduate Student Researcher for Prof. Jenna Stearns and Prof. Keer Yang 2023 – 2025
- Web-scraped data from 27 different finance conferences and assigned genders to attendees to create a public database of conference presenters and authors

IDinsight *New Delhi, India*
Junior Economist 2021 – 2022
- Co-led the design of a randomized controlled trial with 20,000+ moms to evaluate the effects of messaging on a mobile platform on maternal health outcomes in South Africa
  - Conducted power calculations, designed a randomization protocol, created measurement tools, defined outcomes, wrote the pre-analysis plan, submitted IRB documents
- Analyzed data for a study measuring the effects of nudges on honest symptom reporting
- Advocated for a sampling strategy for the Delhi Government's outcome budget surveys

Senior Associate 2021
Associate 2019 – 2021
- Constructed a weighted, composite index to measure overall data quality of enumerators
- Brainstormed and piloted a strategy for improving administrative data quality for NITI Aayog
- Managed a process evaluation of a newly piloted women's empowerment program for The National Rural Livelihoods Mission of India in four states to inform scale-up decisions
  - Cleaned and analyzed data, wrote a report, built an interactive dashboard in R with results
- Oversaw ten rounds of phone surveys to collect data for India's COVID-19 response
- Spearheaded research into the representativeness of data collected through phone surveys
- Helped execute a household survey to monitor key indicators across 27,000 households in India

Georgetown University Initiative on Innovation, Development and Evaluation *Nairobi, Kenya*
Summer Research Assistant 2018
- Ran high-frequency checks during primary data collection for a randomized controlled trial on the impacts of rainfall index insurance on future insurance take-up

TEACHING EXPERIENCE

University of California, Davis – Department of Economics *California, USA*
Teaching Assistant 2022 – Present
- ECN 1A: Principles of Microeconomics – Professor: Gregory Clark
- ECN 1B: Principles of Macroeconomics – Professor: Nicolas Caramp
- ECN 101: Intermediate Macroeconomic Theory – Professor: Paul Bergin
- ECN 115B: Economic Development – Instructor: Soccoro Pardo Martinez
- ECN 145: Transportation Economics – Professor: Erich Muehlegger
- ECN 102: Analysis of Economics Data – Professor: Jenna Stearns

Georgetown University – Department of Economics *Washington D.C., USA*
Principles of Economics Head Tutor 2018 – 2019
Principles of Economics Tutor 2016 – 2018
Teaching Assistant 2018
- ECN 156: Poverty & Inequality – Professor: Martin Ravallion

SERVICE

Economics of Migration, Junior Seminar Series
Co-organizer 2024 – Present

The Economics of Migration, Junior Workshop
Scientific Committee Member 2024 – Present

Development Seminar, University of California, Davis
Co-organizer 2024 – Present

Applied Microeconomics Lunchtime Talks, University of California, Davis
Co-organizer 2024 – Present

Graduate Students Association, University of California, Davis
President 2023 – Present

PUBLICATIONS

Published Papers:
K. Nagpal, **M. Mathur**, A. Biswas, and A. Fraker, "Who do Phone Surveys Miss, and How to Reduce Exclusion: Recommendations from Phone Surveys in Nine Indian States." *BMJ Global Health,* August 2021.

Articles:
R. LuSava, C.H. Huang, B. Brockman, Y. Mkandawire, and **M. Mathur**, "How Behavioral "Nudges" can Improve COVID-19 Self-Reporting." *IDinsight Blog.* October 2022.

M. Mathur and L. Biswal, "How is the Survey Gig going? Understanding the Gender Dynamics of Surveyor Work in India." *IDinsight Blog.* August 2022.

M. Mathur, "Why IDinsight is Investing in Building Data Systems for Primary Data Collection Activities." *IDinsight Blog.* February 2022.

M. Mathur and S. More, "5 Steps to Constructing a Composite Data Quality Index to Assess Overall Surveyor Performance." *IDinsight Blog.* November 2021.

M. Mathur, "Reflections on Reaching Women Over the Phone in Rural India." *IDinsight Blog.* August 2020.

M. Mathur and P. Kumar, "Daily Practices to Optimize Remote Survey Teams." *IDinsight Blog*. June 2020.

M. Mathur, P. Kumar, S. McDonough, and L. Rametse, "How to Ensure Productivity and Data Quality for a Phone Survey at Scale." *IDinsight Blog.* June 2020.

M. Mathur, P. Kumar, S. McDonough, and L. Rametse, "How to Hire and Train a Phone Survey Team." *IDinsight Blog.* June 2020.

M. Mathur, "How to Identify the Best Length and Time for a Phone Survey." *IDinsight Blog.* April 2020.

M. Mathur, "3 Steps to Designing an Effective Phone Survey that Reaches Respondents." *IDinsight Blog.* 2020.

PRESENTATIONS

Tips and Tricks for Remotely Training Enumerators
The World Bank Group's Development Impact Evaluation (DIME) Group. 2021 June.

Learn from IDinsight how to Reduce Phone Survey Bias through Inclusion of Female Respondents
SurveyCTO. 2021 April.

Learn how to Boost Phone Survey Response Rates with Tips from IDinsight
SurveyCTO. 2020 September.

PERSONAL

Languages: English (Native), Mandarin Chinese (Proficient), Hindi (Proficient), Bengali (Basic)

Technology:
- Advanced skills in Stata, R, and SurveyCTO
- Intermediate skills in Python, Nvivo, and Apache Superset
- Experience with SQL, Big Query, Tableau, and React Javascript

Activities: Ultimate Frisbee, Scuba diving, Hiking, Traveling, Debate, Grilling, Odissi dance

Work Authorizations: USA (Citizen), India (Overseas Citizen of India)