

Mitali Roy Mathur

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EDUCATION

University of California, Davis – Department of Economics

2nd year Economics Ph.D. student

Interests: Migration, labor, development

Davis, California, USA

Sept 2022 - Present

Georgetown University, Edmund A. Walsh School of Foreign Service

Bachelor of Science: International Economics (Honors); Major GPA: 3.83/4.00

Certificate: International Development

Minor: Mandarin Chinese

Washington D.C., USA

May 2019

RESEARCH EXPERIENCE

Jan Sahas

Summer Research Assistant

New Delhi, India

July 2023 – Present

- Leading research into categorizing labor schemes that can be accessed by migrant workers and creating a weighted index to assess their comprehensiveness in addressing key vulnerabilities across 13 states in India
- Building an application in R to match schemes to migrant workers based on demographics and vulnerabilities

IDinsight

Junior Economist

New Delhi, India

Dec 2021 – Aug 2022

- Co-led the design of a randomized controlled trial to evaluate the effects of messaging on a mobile health platform on maternal health outcomes in South Africa
 - Conducted power calculations, designed 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

July – Nov 2021

- Constructed a weighted, composite index to measure overall data quality of enumerators
- Assisted with piloting a new strategy for improving administrative data quality as part of the Aspirational Districts Program led by NITI Aayog
- Supported the design of a web-application to automate data collection processes

Associate

July 2019 – July 2021

- 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 data, analyzed data, wrote a report, built an interactive dashboard to share results
- Executed 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
 - Designed a pre-analysis plan, conducted analysis, published a practice paper
- Helped execute a household survey for NITI Aayog to monitor key indicators across 27,000 households in eight states in Northern and Eastern India

Georgetown University Initiative on Innovation, Development and Evaluation

Summer Research Assistant

Nairobi, Kenya

June – July 2018

- Oversaw household surveying in Siaya County of a randomized controlled trial Involving the use of rainfall index insurance by running high-frequency checks

TEACHING EXPERIENCE

University of California, Davis – Department of Economics

California, USA

Teaching Assistant

Sept 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

Georgetown University – Department of Economics

Washington D.C., USA

Principles of Economics Head Tutor

Aug 2018 – May 2019

- Assisted students in the Principles of Microeconomics/Macroeconomics courses

Principles of Economics Tutor

Aug 2016 – May 2018

Teaching Assistant:

Aug 2018 – Dec 2018

- ECN 156: Poverty & Inequality – Professor: Martin Ravallion

PUBLICATIONS

Published Papers:

K. Nagpal, **M.R. 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.R. Mathur**, “How Behavioral “Nudges” can Improve COVID-19 Self-Reporting.” *IDinsight Blog*. October 2022.

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

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

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

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

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

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

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

M.R. Mathur, “3 Steps to Designing an Effective Phone Survey that Reaches Respondents.” *IDinsight Blog*. April 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 Nvivo and Apache Superset

Experience with Python, SQL, Big Query, Tableau, and React Javascript

Activities: Ultimate Frisbee, Odissi dance, Debate, Grilling

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