**Mitali Roy Mathur**

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**Education**

## University of California, Davis – Department of Economics *California, USA*

## *2nd 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

**RESEARCH EXPERIENCE**

## University of California, Davis *California, USA*

## *Graduate Student Researcher for Prof. Jenna Stearns and Prof. Keer Yang* 2023 - Present

* Leading a web scraping exercise to build a database of finance conference attendees
* Working with PIs to analyze data to understand the role that virtual conferences during

the COVID-19 pandemic played in altering women’s conference attendance

## 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

* 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
* Supported the design of a web-application to automate data collection processes

## *Associate* 2019 – 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 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
* 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

## Jan Sahas *New Delhi, India*

## *Summer Research Assistant* 2023

* Developed research about improving welfare targeting by creating a weighted index that   
  prioritized different categories of government schemes based on migrant vulnerabilities
* Built an application to connect migrants’ demographic profiles to prioritized schemes

## 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 102C: Analysis of Economics Data – Professor: Jenna Stearns

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## Georgetown University – Department of Economics *Washington D.C., USA*

## *Principles of Economics Head Tutor* 2018 – 2019

* Assisted students in the Principles of Microeconomics/Macroeconomics courses

*Principles of Economics Tutor* 2016 – 2018

*Teaching Assistant*  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.

**Service**

**Graduate Students Association, University of California, Davis**

*Co-president (2023-Present)*

* Organize activities with faculty and students (across multiple cohorts)
* Coordinate with the Graduate Chair and Department Chair to improve department operations
* Built a website to consolidate information and resources pertinent to department students

**Economics of Migration, Junior Seminar Series**

*Co-organizer (2024-Present)*

* Read papers from junior researchers on topics related to the economics of migration to help select speakers
* Assist in operations for hosting events – publicize events, manage Zoom recordings, moderate questions

**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, Odissi dance, Debate, Grilling, Scuba diving, Hiking, Traveling

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