

# Mridul Joshi

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## Education

<b>Stanford University</b> , Stanford, USA	
PhD, Economics and Education	2022-Present
<b>Paris School of Economics (ENS/EHESS)</b> , Paris, France	
MRes, Economic Analysis and Policy (APE)	2020
<b>University of Delhi</b> , Delhi, India	
Bachelor of Arts (Honours), Economics	2015

## Working Papers

1. Disentangling person-dependent and item-dependent causal effects: Applications of item response theory to the estimation of treatment effect heterogeneity (with Joshua Gilbert, Luke Miratrix, and Benjamin Domingue) [Paper]
2. Hard to read: The impact of advanced reading assignments on language and literacy outcomes in Nigeria (with Guthrie Gray-Lobe, Michael Kremer, Joost de Laat and Wendy Wong) [available upon request]

## Research in Progress

1. Active learning and STEM student achievement: Re-examining evidence in light of novel, large-scale natural experiments (with Prashant Loyalka, Saurabh Khanna, Paul Glewwe, Guirong Li, and Ou Lydia Liu)
2. Evaluating the effectiveness of a digital empowerment curriculum for college students in India (with Jalnidh Kaur and Lena Song)
3. Peers, targeted instruction and class size: Experimental evidence from Kenya and Liberia (with Guthrie Gray-Lobe and Michael Kremer)
4. The impact of teacher-pupil gender match on student achievement in undergraduate STEM programmes in India (with Robert Fairlie, Saurabh Khanna, Prashant Loyalka, and Gagandeep Sachdeva)
5. Gender, migration, and english proficiency: Effects of Punjab-Canada migration on the social and economic lives of women (with Rubina Hundal)

## Research Grants

Stanford King Center on Global Development (USD 5000)	2023
Scandinavian Consortium of Organizational Research (USD 1000)	2023

## Research Experience

<b>Stanford University</b> , Stanford, USA	
Graduate Research Assistant for Prof. Susanna Loeb	2023-Present
Graduate Research Assistant for Prof. Prashant Loyalka	2022-Present
<b>Development Innovation Lab &amp; Becker Friedman Institute, UChicago</b> , Chicago, USA	
Predoctoral Fellow for Prof. Michael Kremer	2021-2023
<b>Abdul Latif Jameel Poverty Action Lab (J-PAL South Asia)</b> , New Delhi, India	
Senior Research Associate for Prof. Esther Duflo	2017-2018
Research Associate for Prof. Esther Duflo	2016-2017

## Professional Experience

<b>Population Services International (PSI)</b> , Consultant	2020
<b>Statistics and Data Directorate, OECD</b> , Consultant	2019-2020
<b>ASER Centre, Pratham India</b> , Summer Intern	2014

## Teaching Experience

<b>Stanford University</b> , Stanford, USA	
Instructor, Seminar for Education and Economic Development	2023
Teaching Assistant, Introduction to Statistical Methods	2023
Teaching Assistant, Entrepreneurship and Innovation in Education Technology	2023
<b>MITx Micromasters</b> , Remote	
Teaching Assistant, 14.740x Foundations of Development Policy	2020-2021

## Presentations

Stanford Causal Science Conference, <i>Poster presentation</i>	2023
OECD, <i>How can we harness the full potential of web-based survey data?</i>	2019
World Bank CLEAR & J-PAL SA, <i>Measurement &amp; Survey Design Executive Education</i>	2018
World Bank CLEAR & J-PAL SA, <i>Digital Data Collection Methods for UNICEF India</i>	2017
World Bank CLEAR & J-PAL SA, <i>Evaluating Social Programmes Executive Education</i>	2017
US OMB, State Dept & USAID <i>Improving Full Immunization Rates in Haryana</i>	2016
National Health Mission Haryana, <i>Improving Full Immunization Rates in Haryana</i>	2016

## **Awards**

Charpak Scholarship of Excellence awarded by the French Embassy in India	2018
Paris School of Economics Merit Scholarship	2018

## **Technical Skills**

**Statistical Programming:** Stata, R, Python

**Other tools:** L<sup>A</sup>T<sub>E</sub>X, Tableau, ODK (SurveyCTO), GitHub