

Parth Chawla

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EDUCATION

- 2021- Ph.D. in Agricultural & Resource Economics, University of California, Davis
- 2018-2019 M.Sc. in Economics, Trinity College Dublin
- 2014-2017 B.Sc. in Physics, Royal Holloway, University of London

WORKING PAPERS

Barriga-Cabanillas, O., Chawla, P., Redaelli, S. and Yoshida, N. 2023. “Updating Poverty in Afghanistan Using the SWIFT-Plus Methodology”. Policy Research Working Papers, 10616. World Bank, Washington, D.C.

RESEARCH IN PROGRESS

- “Willingness-to-Pay to avoid tax exposure among small firms in Tanzania”, with Jess Rudder and Jovin Lasway
- “Predicting migration using machine learning”, with J. Edward Taylor

PROFESSIONAL EXPERIENCE

- 05/23- Consultant, The World Bank (Washington, D.C.)
 - Poverty and Equity Global Practice. Working on projects to estimate and project poverty in Afghanistan and Pakistan.
- 06/23- Graduate Student Researcher for Prof. J. Edward Taylor, UC Davis
 - Creating R Shiny dashboards for a World Bank project with models for estimating local economy-wide impacts of protected areas in Africa.
- 07/22-09/22 Research Intern, United Nations Development Programme (New York, NY)
 - Contributed to the 2021/22 Human Development Report.
 - Assisted in the data analysis and presentation of key human development statistics.
- 01/22-05/22 RA to Prof. Yusuf Negggers, Ford School of Public Policy, Univ. of Michigan
 - Conducted empirical analysis for a paper using Stata.
 - Scraped millions of rows of publicly available Indian administrative data using Python, utilizing AWS for automation and a MySQL database for storage.
- 06/19-05/21 Research Associate, Evidence for Policy Design, Harvard Kennedy School (India)

- Executed 2 large-scale randomized control trials (RCTs) in 3 Indian states with US-based economists, leading a field team of 15 people.
- Collaborated with government officials at the state and local levels to align objectives.
- Developed Python data pipelines to scrape and process over 50 million rows of public data from government websites and APIs.
- Produced data visualizations and summary reports, and performed econometric analyses.
- Designed survey questionnaires for over 1000 government officials.

05/18-06/18 Economics Intern, Koan Advisory (Delhi, India)

01/18-05/18 Teaching Fellow, Ashoka University (Sonapat, India)

AWARDS AND FELLOWSHIPS

2021-2024 UC Davis Nonresident Supplemental Tuition Fellowship

2021-2022 UC Davis Provost's Fellowship

2017 Royal Holloway Passport Award

2014 Royal Holloway International Excellence Scholarship

OTHER EXPERIENCE

2023 Teaching Assistant, Econometric Methods, UC Davis

2023 Teaching Assistant, Agricultural Labor, UC Davis

2022 Teaching Assistant, Intermediate Microeconomics, UC Davis

2018-2019 Teaching Assistant, Math & Statistics for Economics, Trinity College Dublin

BLOG ARTICLES

"Government Intervention in India and Taiwan Affects Global Rice Markets" (with Tzu-Hui Chen), Ag Data News (2022)

SKILLS AND LANGUAGES

Programming: Python, SQL/MySQL, Stata, R, Shiny, AWS EC2/RDS, Git, Unix, Markdown, \LaTeX , SurveyCTO

Languages: English (Native/Bilingual), Hindi (Native/Bilingual), Korean (Beginner)

Skills: Impact/policy evaluation, poverty measurement, experiment/survey design, econometrics, regression analysis, machine learning, causal inference, data visualization, pipelining, web scraping