Sayak Khatua

CONTACT	Second Floor, 407, G.T. Road, Bally, Howrah 711201 India	✉ sayakkhatua@icloud.com ⊙ https://sayakkhatua.github.io

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EDUCATION

Portland State University, Portland, OR

MS, Economics, June 2015
Relevant Coursework: *Applied Advance Micro/Macro economic theory, Labor Economics and Industrial Relations, Advanced Econometrics*

University of Calcutta, Kolkata, India

MSc., Economics, July 2013
Specialisation: *Labor Economics, Advanced Econometric Theory, Game Theory*

BSc., Economics, May 2011
Major: *Economics* Minor: *Political Science and Mathematics*

PROFESSIONAL EXPERIENCE

International Initiative for Impact Evaluation(3ie)
Evaluation Specialist   January 2021-Present

- Serve as technical lead and manage 3ie's Transparency, Reproducibility, and Ethics (TRE) portfolio
- Serve as technical lead and manage 3ie's impact evaluation grants across Nepal, Uganda and Pakistan
- Manage Registry for International Development Impact Evaluations (RIDIE) and 3ie's Public Data repository on Harvard Dataverse
- Serve as technical lead for quality assurance of 3ie funded and/or commissioned Impact Evaluation data (Computational reproducibility)
- Provide technical expertise to 3ie's work on Innovation in data for Impact Evaluations
- Provide technical expertise to professional services work funded by MCC, USAID, FCDO, and UKAID
- Build capacity on improving the quality, reproducibility and management of Impact Evaluation
- Develop training materials and conduct trainings on using statistical software for Impact Evaluation
- Provide research support to 3ie's Thematic Window on Sanitation (Latrine Use), creation of Evidence Gap Maps(EGMs), and various in-house projects

Previously held positions at 3ie,
Senior Research Associate   January 2020- December 2020
Research Associate   March 2018- December 2019

Outline India
Research Associate   July 2017-February 2018

- Served as technical lead on evaluation projects
- Led quality assurance of on-field data collection
- Designed robust and statistically sound methodologies for research
- Led proposal, and exante project report writing
- Provided technical expertise to qualitative/quantitative survey tool drafting

RESEARCH EXPERIENCE

Department of Economics, Portland State University
Research Assistant   January 2014-July 2015
Nottingham School of Economics, University of Nottingham Malaysia
Research Assistant   March 2013-August 2013
Bayesian and Interdisciplinary Research Unit(BIRU), Indian Statistical Institute(ISI)
Summer Researcher   May 2012-July 2012

Responsibilities: Primary data collection, secondary data analysis, training survey staff, conduct focus group discussions, quality assuring reports, liaise with government officials

TEACHING EXPERIENCE

Department of Economics, University of Illinois at Chicago
Teaching Assistant   August 2015-May 2017

Department of Economics, Portland State University
Teaching Assistant   September 2013-June 2015
Courses Taught: Undergraduate Micro and Macro economics, Intermediate econometrics, Graduate Econometrics, Labour economics

BOOK CHAPTERS
- **Khatua, S.**, Sarma, V. (2019) "Short-Term Versus Long-Term Effects of Forced Displacement". In: Yoshino N., Paul S. (eds) Land Acquisition in Asia. Palgrave Macmillan, Singapore.

WORKING PAPERS
- Breznau, Nate, Eike Mark Rinke, Alexander Wuttke, Hung H. V. Nguyen, Muna Adem, Jule Adriaans, Esra Akdeniz, et al. 2021. 'How Many Replicators Does It Take to Achieve Reliability? Investigating Researcher Variability in a Crowdsourced Replication.' SocArXiv. May 18. doi:10.31235/osf.io/j7qta.
- Rathinam, F., **Khatua, S.**, Siddiqui, Z., Malik, M., Duggal, P., Watson, S, and Vollenweider, X. 2020. 'Using big data for evaluating development outcomes: a systematic map.' CEDIL Methods Working Paper. Oxford: Centre of Excellence for Development Impact and Learning (CEDIL).Paper Systematic map
- Lane, Charlotte, **Sayak Khatua**, and Bethany Caruso. 2020. 'The Use of Behavioural-science Informed Interventions to Promote Latrine Use in Rural India: A Synthesis of Findings.' MetaArXiv. October 20. doi:10.31222/osf.io/g7cmd.[Under review, World Development]
- Goel, Neeta, **Sayak Khatua**, and Marie Gaarder. 2019. 'Making data accessible: lessons learned from computational reproducibility of impact evaluations.' OSF Preprints. July 10. doi:10.31219/osf.io/4jvq2.[Under review, Journal of Development Effectiveness]
- **Khatua, S.**, DasChaudhury, R. 2013.'In Search of Quality: A study on Elementary Education in Rural India.' OSF Preprints. July 10. doi:10.31219/osf.io/wyfap [Unpublished manuscript]

OTHER PUBLICATIONS
- **Khatua, S.**(2018)."What's the deal with Push Button Replication?". Evidence Matters.[Blog]
- Apoorva, P.V., Krishnan, A., **Khatua, S.** (2017) "Swachch Bharat Mission: Need clarity on actual impact". DNA India.[Op-ed]

INVITED TALKS
- Speaker, Session on Pre-registration and Push Button Replication (PBR), at National Planning Department, Government of Colombia. (Remote; May 2021)
- Panelist, Session on Emerging Approaches and Technologies for Evidence Generation at the National Conference on Monitoring, Evaluation, and Learning organised by the DMEO, Niti Aayog. (Remote; March, 2021)
- Presenter and Panelist, "Transparency, Reproducibility, and Credibility: A Research Symposium", World Bank Headquarters, Washington D.C. (September, 2019)
- Trainer, Session on Research Transparency in ICAR short course series at ICAR-IIHR, Bangalore (November, 2018)
- Presenter and Panelist, "Gender Transformative Evaluation: methods and approach", at Evalfest (February, 2018), hosted by the Evaluation Community of India.
- Southern Economic Association, 2015
- "Modelling Migration", Presented at the Departmental Brown Bag, Department of Economics, Portland State University (2014)

ACADEMIC HONORS
- Graduate Assistanship, Department of Economics, University of Illinois at Chicago (2015-2017)
- Faculty Award, Portland State University (2015)
- International Graduate Assistantship, Department of Economics Portland State University (2013-2015)

RESEARCH INTERESTS
Development Economics, Policy Analysis, Migration, Meta-research, Evidence Synthesis, and Big data in International development

TRAININGS
- Protecting Human Research Participants Online Training SBER(Credential ID 2866708), license Issued May 2021- Expires May 2023
- Research Transparency and Reproducibility Training (RT2), 2019
- Project Management for Development Professionals (PMD Pro) Level 1, 2018 [Certified]

TOOLS   *Statistical*: STATA, R, SAS, SPSS
                 Others: LaTeX, Epi Info, ArcGIS, GeoDa, SurveyCTO, GitHub

LANGUAGES   English, Bengali, Hindi