

SANDIPA BHATTACHARJEE

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EDUCATION

University at Buffalo, SUNY

PhD Economics (May 2023 expected)

Proposed Dissertation: Essays in Development, Labor and Health Economics

Aug 2017 - Present

New York, USA

University at Buffalo, SUNY

MA Econometric and Quantitative Economics

Aug 2017 - Jul 2019

New York, USA

Jadavpur University

MA Economics; Top 5% of Graduating Class

Master's Thesis: Espionage Game - An Experimental and Game Theoretic Approach

Jul 2013 - Jun 2015

West Bengal, India

Jadavpur University

BA Economics; Minors: Mathematics & Statistics

Bachelor's Thesis: Demand for Higher Education & Indian Student's Choice of Migration

Jul 2011 - Jun 2013

West Bengal, India

AREA OF INTERESTS

Research: Applied Microeconomics; Development Economics; Labor Economics; Health Economics

Teaching: Micro & Macro Economics; Development, Labor, Health, Environmental Economics; Econometrics

RESEARCH PAPERS

- “Effect of the Right to Education Act (RTE) in India on Fertility Behaviors and Marriage Characteristics” (*Job Market Paper*)

This paper exploits an education policy in India (RTE) generated by a schooling reform to examine the effect of education on influencing women's fertility decisions, marriage characteristics, labor market involvement and familial roles. An instrumental variable difference-in-difference approach is used that measures the exogenous variation in the treatment intensity of the reform in different states of India across individual birth cohorts.

- “Exchange Rate Volatility and International Students' Educational Choice” (*Working Paper*)

This paper studies how foreign students' demand for the United States (U.S.) higher education is affected by changes in real exchange rate. Exchange rates are treated as exogenous price shocks to the international students' budget constraint to pay for higher education in the host country. The paper also exploits other economic indicators and availability of substitutes in the home country that affects foreign demand for U.S. higher education by building a theoretical model of migration decisions and testing it empirically.

- “Effect of Affordable Care Act (ACA) on Insurance Coverage by the Immigrants and Natives” (*Working Paper*)

Utilizing difference-in-difference-in-differences model, this paper estimates the effects of the ACA on health insurance coverage by exploiting variation in the intensity of treatment arising from state participation in the Medicaid expansion in 2014 and comparing the effects among natives and immigrants. This study contributes to understand the limits of the ACA in reducing disparities in insurance coverage and exploring how patterns of coverage differ for different sources of insurance among the natives and immigrants.

- “Under-employed Workers Health: Evidence from States' Minimum Wage Levels” with Soumak Basumallik (*Work in Progress*)

This study investigates whether increases in minimum wage in the U.S. affect the health of under-employed workers between 15 to 85 years of age working in different forms of non-standard work arrangements that commonly have variable work schedules, lower wages, part-time contracts, or stressful working conditions.

- “The Intergenerational Effect of Parental Education on Child Health: Evidence from India” (*Work in Progress*)

Within each state, this paper exploits variations across birth cohorts using an educational policy in India to construct an instrument for schooling and employ it to estimate the causal effects of mother's or father's schooling on infant birth outcomes.

- “Women’s Empowerment in India: Evidence from a Conditional Cash Transfer (CCT) Policy” with Sharbani Bhattacharjee (*Work in Progress*)

This paper studies the impact of a CCT program called Kanyashree Prakalpa (KP) in the Indian state of West Bengal that aimed to improve the status and well-being of girls by reducing incidence of child marriage and increasing the secondary or higher education of girls. The study highlights the effectiveness of the KP policy by evaluating female enrollment in schools and colleges and their learning outcomes.

RESEARCH EXPERIENCE

Research Assistant

Aug 2015 – Oct 2015

Indian Institute of Management, Calcutta (IIMC)

West Bengal, India

- Project: “Productive Ageing: A Socio-Economic Study on the Elderly Middle Class in Kolkata, India”
- The study seeks to prove the hypothesis that engagement in productive activities such as volunteering and purposive social interaction facilitates overall well-being of educated elderly from middle class strata of the society
- Worked on preparing survey questionnaires, collection of data, analyzing it using ordered probit and logit regression technique in Stata, and generating reports

Summer Research Intern

Jun 2014 – Aug 2014

Confederation of Indian Industry (CII)

West Bengal, India

- Evaluated the export potential of an Indian state - Chhattisgarh [*Published in CII Annual Report Journal, 2014*]
- Examined the agricultural status of an Indian state - West Bengal, and documented suggestive developmental remedies [*Published in CII Annual Report Journal, 2014*]
- Created a report on the Indian financial markets in the changing economy and political situation [*Published in Financial Market Conclave 2014, CII Brochure*]

TEACHING EXPERIENCE

Adjunct Instructor

May 2019 – Present

University at Buffalo, SUNY

New York, USA

- ECO 208: Introduction to Environmental Economics (Fall 2021, 2022)
- ECO 211: Introduction to Health Economics (Spring 2022)
- ECO 405: Microeconomic Theory (Summer 2022)
- ECO 182: Introduction to Microeconomics (Summer 2022)
- ECO 181: Introduction to Macroeconomics (Summer 2019, 2020, 2021; Winter 2022)

Graduate Teaching Assistant

Aug 2017 – May 2021

University at Buffalo, SUNY

New York, USA

- ECO 181: Introduction to Macroeconomics (Fall 2017, 2019, 2020; Spring 2018, 2020, 2021; Summer 2020, 2021; Winter 2021)
- ECO 182: Introduction to Microeconomics (Fall 2018; Spring 2019, 2021; Winter 2020)
- ECO 416/516: Economic Development (Fall 2017)

INDUSTRY EXPERIENCE

Business Analyst at Genpact

Oct 2015 – Jul 2017

Domain: Retail; Collections & Fraud Strategy Team

West Bengal, India

- Validated credit risk models (PD: Probability of Default)
- Designed and generated retail collections and fraud reports for a subprime lending non-banking online corporation
- Analyzed customer credit data to formulate solutions for several projects and recommended collections strategies to business clients

OTHER WORK EXPERIENCE

Summer Intern

Orange Tree Global

Apr 2014 – May 2014

West Bengal, India

- Responsible for content development on human resource analytics

Volunteer

Greenpeace India

May 2013 – Jul 2013

West Bengal, India

- Worked as an intern for public mobilization on the issues of climate change and global warming

CONFERENCES, WORKSHOPS AND SEMINARS

- Poster Presenter (Co-Author): Association for Public Policy Analysis & Management; *Washington, DC, USA* 2022
- Presenter: PhD Seminar Series, Department of Economics; *University at Buffalo, SUNY* 2019-2022
- Presenter, Discussant: Southern Economics Association (SEA); *(Virtual)* 2021
- Session Chair, Presenter, Discussant: New York State Economics Association (NYSEA); *(Virtual)* 2021
- Presenter, Discussant: ASHEcon Health Mentoring Workshop; *AEA-CSWEP and ASHEcon (Virtual)* 2021
- Presenter, Discussant: Young Economist Students' Meet; *Jadavpur University, India* 2011-2015
- Presenter, Discussant: Bengal Economic Association; *Lady Brabourne College, India* 2014
- Presenter, Discussant: Confluence; *St. Xavier's University, India* 2011

HONORS AND AWARDS

- UUP Individual Development Award; *University at Buffalo, SUNY* 2022
- SUNY PRODiG Fellowship (Declined); *Department of Accounting, Economics & Finance, SUNY Brockport* 2022
- Graduate Student Association Conference Funding; *University at Buffalo, SUNY* 2021
- Graduate Fellowship; *Department of Economics, University at Buffalo, SUNY* 2017 - 2021
- FSA Bronze Award for Exemplary Performance in Risk Analytics; *Genpact, India* 2016
- Research Assistantship; *Indian Institute of Management, Calcutta, India* 2015
- Research Fellowship; *Confederation of Indian Industry, India* 2014
- Paper Presentation Winner, Young Economist Students' Meet; *Jadavpur University, India* 2011
- Student Lecture Winner, Mock Classroom, Young Economist Students' Meet; *Jadavpur University, India* 2011

SERVICES

- Economics Graduate Student Association, Vice President; *University at Buffalo, SUNY* 2017 - 2021
- International Student Mentoring Program Volunteer; *University at Buffalo, SUNY* 2018
- Heterodox Economics Student Association, Core Committee; *Jadavpur University, India* 2013 - 2015
- Young Economist Students' Meet, Core Committee; *Jadavpur University, India* 2013 - 2015
- Class Representative; *Jadavpur University, India* 2011-2015
- Student Representative; *Jadavpur University, India* 2014

MISCELLANEOUS

Software & Programming Skills: Stata, SAS, SPSS, Eviews, ZTree, LaTeX, MATLAB (Basic), MS Office

Languages: English (Proficient), Bengali (Native), Hindi (Fluent)

Citizenship: Indian (US Visa Status: F-1)

REFERENCES

Neel Rao (Advisor)

University at Buffalo, SUNY
Associate Professor
Director of Graduate Studies & PhD Program
neelrao@buffalo.edu

Mingliang Li (Committee Member)

University at Buffalo, SUNY
Associate Professor
PhD Student Placement Officer
mli3@buffalo.edu

Aisling Winston (Teaching)

University at Buffalo, SUNY
Clinical Assistant Professor
aislingw@buffalo.edu

Zhiqiang Liu (Committee Member)

University at Buffalo, SUNY
Professor
Director of Masters Programs
zqliu@buffalo.edu

Sean Fahle (Committee Member)

University of Tübingen
Postdoctoral Research Fellow
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