

# SANDIPA BHATTACHARJEE

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## EDUCATION

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### University at Buffalo, SUNY

*PhD Economics (2023 expected) (GPA: 3.85/4)*

*Proposed Dissertation: Essays in development, labor and health economics*

Aug 2017 - Present

New York, USA

### University at Buffalo, SUNY

*MA Economics (GPA: 3.75/4); PhD Prelim Qualified*

Aug 2017 - Jul 2019

New York, USA

### Jadavpur University

*MA Economics (GPA: 9.46/10); 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 (GPA: 8.44/10); Minors: Mathematics & Statistics*

*Bachelor's Thesis: Demand for higher education & Indian student's choice of migration*

Jul 2011 - Jun 2013

West Bengal, India

## RESEARCH INTERESTS

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Applied Microeconomics | Economic Development | Labor Economics | Health Economics

## RESEARCH PAPERS

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

*The paper exploits an education policy in India (RTE) generated by a schooling reform to examine the effect of education on influencing women's choices and decisions, marriage characteristics, labor market involvement, familial roles, and fertility. 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*)

*Does the economic situation prevailing in the home country of an international student affect his/her educational choice in the United States? To address this question, I use exchange rates as exogenous price shocks to the international students' budget constraint to pay for higher education in the host country. How the foreign students' demand behavior in terms of educational attainment is affected due to changes in real exchange rate is studied in this paper. The paper also exploits other economic indicators and availability of substitutes in the home country that affects foreign demand for U.S. higher education.*

- "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" (*Work in Progress*)

*This study investigates whether increases in minimum wage in the United States affect the health of under-employed workers between 19 to 64 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.*

- "Women Empowerment in India: Evidence from Conditional Cash Transfer (CCT) Policy" (*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

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### 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
- Responsible for preparing survey questionnaires, collection of data, analyzing it using ordered probit and logit regression technique in Stata, and producing reports.

### Summer Research Intern

Jun 2013 – Aug 2013

*Confederation of Indian Industry (CII)*

*West Bengal, India*

- Analyzed 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 recommended suggestive developmental remedies [*Published in CII Annual Report Journal, 2014*]
- Created a report titled “Indian financial markets in the changing economy and political situation- road ahead” [*Published in Financial Market Conclave 2014, Brochure*]

## TEACHING EXPERIENCE

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### Adjunct Instructor

May 2019 – Summer 2022

*University at Buffalo, SUNY*

*New York, USA*

- ECO 405: Microeconomic Theory (Summer 2022)
- ECO 182: Introduction to Microeconomics (Summer 2022)
- ECO 211: Introduction to Health Economics (Spring 2022)
- ECO 208: Introduction to Environmental Economics (Fall 2021)
- 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)

## INDUSTRIAL EXPERIENCE

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### Business Analyst at Genpact

Oct 2015 – Jul 2017

*Domain: Retail; Collections & Fraud Strategy Team*

*West Bengal, India*

- Designed and generated retail collections and fraud reports for a subprime lending non-banking online corporation
- Credit risk model validation by forecasting probability of default for the ‘Finacial Risk Analytics’ team
- Analyzed customer credit data to formulate solutions for several projects and recommending collections strategies to business clients

## OTHER WORK EXPERIENCE

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### Summer Intern

Apr 2014 – May 2014

*Orange Tree Global*

*West Bengal, India*

- Responsible for content development on human resource analytics

### Volunteer

May 2013 – Jul 2013

*Greenpeace India*

*West Bengal, India*

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

## CONFERENCES, WORKSHOPS AND SEMINARS

- Attendee: Precarious Work- Health and Economic Threats Symposium; *California Labor Lab (Virtual)* 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
- Attendee: Applied Young Economist Webinar (AYEW); *University of Warwick & Monash Business School* 2021
- Presenter, Discussant: Bengal Economic Association; *Lady Brabourne College, India* 2014
- Presenter, Discussant: Young Economist Students' Meet; *Jadavpur University, India* 2011-2015
- Attendee: Dipak Banerjee Memorial Lecture by Dr. Joseph Stiglitz; *Presidency University, India* 2012
- Presenter, Discussant: Confluence; *St. Xavier's University, India* 2011

## AWARDS, HONORS AND SERVICES

- 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
- International Student Mentoring Program Volunteer; *University at Buffalo, SUNY* 2018
- Graduate Fellowship; *Department of Economics, University at Buffalo, SUNY* 2017 - 2021
- Economics Graduate Student Association, Vice President; *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
- Student Representative; *Jadavpur University, India* 2014
- 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
- Paper Presentation Winner, Young Economist Students' Meet; *Jadavpur University, India* 2011
- Student Lecture Winner, Mock Classroom, Young Economist Students' Meet; *Jadavpur University, India* 2011

## MISCELLANEOUS

**Programming Skills:** Stata, SAS, SPSS, Eviews, ZTree, LaTeX, MATLAB (Basic)

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

**Interpersonal:** Leadership, Project & Resource Management, Teamwork

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

## REFERENCES

**Neel Rao; University at Buffalo, SUNY**

*Associate Professor, Director of Graduate Studies & PhD Program*

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**Sean Fahle; University of Tübingen**

*Postdoctoral Research Fellow*

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**Aisling Winston; University at Buffalo, SUNY**

*Clinical Assistant Professor*

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