

# ARJITA CHANDNA

Email: [arjitachandna@gmail.com](mailto:arjitachandna@gmail.com), Phone number (+91) 9899979233

## EDUCATION

### Ph. D. Economics

Centre for International Trade and Development, Jawaharlal Nehru University (JNU)

Pursuing since 2015, Submission due in 2023

*Thesis title: Intrahousehold resource allocation and food security*

### M.Phil. Economics

Centre for International Trade and Development, JNU

Submitted 2015, Awarded 2016

*Thesis title: Impact of food subsidy on Nutrition*

### M.A. Economics

BR Ambedkar University

Completed 2013

### BA Economics (Honours)

Hindu College, Delhi University

Completed 2011

## PROFESSIONAL EXPERIENCE

### JNU

Teaching Assistant for Development Microeconomics

October 2022 - December 2022

### Azim Premji University (APU)

Visiting Assistant Professor

January 2020-August 2021

### Delhi School of Economics (DSE)

Adhoc Assistant Professor

August 2017 to January 2019

### Delhi University

Adhoc Assistant Professor,

August 2015 to August 2017

### Fourteenth Finance Commission

Young professional

June to August 2014

## RELEVANT EXPERIENCE

### • Research

#### • *Ph.D. Thesis (2015-2023)*

Working on the thesis titled “Intrahousehold resource allocation and household food security” using the India Human Development Survey Data (IHDS). The thesis explores if unequal resource allocation impacts household food security outcomes. Women control a small proportion of the household income and the study tests the impact of the income share received by women on household food security. Additionally, children of different birth orders receive different levels of nutrient investment and the study tests if the birth order of children influences their height-for-age

#### • *DAAD exchange research project (2018)*

Worked on the DAAD research exchange program helmed by JNU. The project involved an exchange of ideas with Dr Verena Tandrayen Ragoobur at the University of Mauritius. The discussion involved formulating the hypothesis, making the methodology robust, and interpreting the preliminary results of the thesis. Apart from this, also participated in other projects Dr Ragoobur was working on.

#### • *M.Phil. dissertation (2014)*

Completed coursework on pure theory of international trade, seminar on trade and development, and issues in economic theory and policy. Worked on the dissertation titled “Impact of food subsidy on Nutrition”. The study tested the impact of PDS subsidy on household calorie intake. The study also simulated the impact of receiving a cash transfer on household calorie intake using the International Crop Research Institute for Semi-Arid Tropics data (ICRISAT).

#### • *Fourteenth Finance Commission (2014)*

Worked as a Young Professional. Tasks included doing a critical analysis of recommendations made by studies conducted by previous Finance Commissions and analyzing the components used in the devolution formula used by the Thirteenth Finance Commission.

### • Mentoring

#### • *Law and policy hub research project (2020)*

Coached postgraduate students at APU on their project exploring the impact of the Covid outbreak on the overall well-being of female nursing professionals in India. Guided them in formulating their hypothesis, designing their questionnaire, and formulating their research methodology.

- ***Dissertation (2020)***

Adviser to the dissertation submitted by a postgraduate student on the prominence of climate finance in budgets. Guided in formulating the hypothesis, designing the research methodology, finalizing the results, and supervising the thesis.

- ***Internship (2020)***

Faculty mentor to the internship done by a group of postgraduate students. Tasks involved included monitoring the progress of students, helping students understand the feedback, and supervising the report submitted to the university describing their internship experience.

- **Teaching**

- ***Development Microeconomics (2022)***

Worked as a teaching assistant on the course on development microeconomics taught to postgraduate students at JNU. Topics covered include the intrahousehold resource allocation models and research papers on intrahousehold resource allocation and household nutrition.

- ***Policy Analysis (2020)***

Co-Taught a course on policy analysis to postgraduate students at APU. Topics covered include the need for policy intervention, the difference between policy analysis and policy evaluation, and tools to do policy analysis.

- ***Causal and Inferential Methods (2020-2021)***

Taught a course on causal and inferential methods to postgraduate students at APU. Topics covered include the introduction to random variables, statistical hypothesis testing, and regression models.

- ***State, Market and Economy***

Designed and taught a course on state, market, and economy to postgraduate students at APU. Topics covered include the basic concepts in microeconomics, trajectory of Indian economy, and discussion of macroeconomic policies.

- ***Economic Development and Policy in India (2018)***

Taught a course on economic development and policy in India to postgraduate students at DSE. Topics covered include research papers on food and safety net, poverty and inequality, topics in Indian agriculture, and trade and Industry.

- ***Basic Econometrics (2017)***

Tutored the course on basic econometrics to postgraduate students at DSE. Topics covered include probability, random variables and their distribution, hypothesis testing, and univariate and bivariate regression. Also took the Stata sessions for the course.

## SKILLS

- **Data Analysis**

Worked extensively with household and individual-level datasets including IHDS and ICRISAT. Familiar with household-level datasets on National Sample Survey, Consumer Pyramids Household Survey, and National Family Health Survey. Proficient in Stata. Familiar with R and SPSS.

- **Statistics/ Econometrics**

Trained in basic as well as applied econometrics. Worked on methods used to draw causal inferences taking into account various sources of endogeneity bias.

- **Policy analysis**

Familiar with policy analysis tools such as cost benefit analysis, cost effectiveness analysis, and multi goal policy analysis. Worked on research questions that pose policy questions.

## PAPERS

- **Published papers**

- Chandna Arjita (2017), “Consumption function in India” International Journal of Research.
- Chandna Arjita and Ashutosh Yadav (2017), “Land acquisition and growth: a new perspective”, International education and research journal.

- **Working papers**

- Chandna, Arjita and Bhagowalia, Priya (2022), “Women's Income and Household Nutrition”, Available at SSRN: <https://dx.doi.org/10.2139/ssrn.4090152>.
- Chandna, Arjita and Bhagowalia, Priya (2022), “Birth Order and Children’s Health”.
- Bhagowalia Priya & Arjita Chandna (2016), “Food Subsidies and Nutritional Status: Evidence from ICRISAT data”. [file:///C:/Users/HP/Downloads/BC%20paper\\_%20AAEA\\_May252016.pdf](file:///C:/Users/HP/Downloads/BC%20paper_%20AAEA_May252016.pdf)

- **Presentations**

- Chandna, Arjita (2022), “Birth Order and Children’s Health”, Second Biennial Conference on Development, Indira Gandhi Institute of Development Research, Mumbai.
- Chandna, Arjita (2020), “Women's Income and Household Nutrition”, School of Policy and Governance, Azim Premji University, Bangalore

- Chandna, Arjita (2017), “Intrahousehold allocation and food security”, DAAD Conference on Comparative Economic Studies, Jawaharlal Nehru University, New Delhi.
- Chandna, Arjita (2017), “Ethanol as Biofuel and Cereal Prices”, International Conference on Finance and applied Economics”, Institute of Management Education Research and Training, 2017, Pune.
- Chandna Arjita (2016), “Political Economy of Labour Laws in India”, Indian Society of Labour Economics, IIT Guwahati.
- Bhagowalia Priya & Arjita Chandna (2016), “Food Subsidies and Nutritional Status: Evidence from ICRISAT data”, 2016 Annual Meeting, July-August, Boston, Massachusetts, 235670, Agricultural and Applied Economics Association.

## **WORKSHOPS**

- Led a workshop on “Research Methodology” for the incoming postgraduate students at APU in 2021. Topics covered included engagement with e-resources and making use of library remote access.
- Participated in a workshop on “Contemporary Themes in India's Economic Development and the Economic Survey” in 2017 led by then-chief economic adviser Arvind Subramanian at the Indian Institute of Technology, New Delhi.
- Participated in DAAD CEDS Workshop on New Paradigm of Economic Development: Social and Environmental Dimensions", CITD, JNU, New Delhi, India, in December 2017.

## **AWARDS AND FELLOWSHIPS**

- DAAD sponsorship for a research project in 2018
- CBSE -UGC NET fellowship, 2014
- UGC fellowship for research students between 2013 to 2015
- BR Ambedkar University scholarship for extraordinary academic performance between 2011 to 2013
- First proficiency in each semester of post-graduation between 2011 to 2013

## **REFERENCES**

- Lipi Budhraj  
Senior Consultant, Public Financial Management, Ernst and Young  
E-mail: budhrajlipi@gmail.com
- Prof. Surajit Mazumdar  
Professor, Jawaharlal Nehru University  
E-mail: [surajit.mazumdar@googlemail.com](mailto:surajit.mazumdar@googlemail.com)
- Dr. Priya Bhagowalia  
Associate Professor, Jawaharlal Nehru University  
Email: bhagowalia@jnu.ac.in