

NISHKA SHARMA

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EDUCATION

Yale University, USA

Masters of Arts in International and Development Economics (STEM Designated)

August 2019 - May 2020

CGPA: 3.9/4

Shiv Nadar University, India

B.Sc.(Research) Economics

August 2014 - May 2018

CGPA: 8.46/10

National Talent Search Examination

Scholar (Among the top 1,000 students in India)

Awarded in 2010

EXPERIENCE

Pre-doctoral Research Professional

Energy Policy Institute at the University of Chicago September 2020 - Present
• Working with prof. Michael Greenstone and the Climate Impact Lab to quantify the impact of climate change.

Research Assistant

Yale University, Department of Economics

October 2019 - Aug 2020

• Evaluating the performance of Yale University's department of economics on various metrics related to post Ph.D. outcomes. Automating the production of charts and tables that are presented to the department, using past 10 years of data.

Indian School of Business

August 2017 - June 2019

• Co-author "A Friend Indeed: Does The Use of Biometric Digital Identity Make Welfare Programs Counter Cyclical?" The paper studies the impact of introducing biometric digital identity on the demand for social welfare program in distressed areas. Cited in the Economic Survey of India 2019

(Presentations: United Nations Economic and Social Commission for Asia and the Pacific, Eastern Economic Association Annual Meeting 2019, World Bank ID4D team, Cabinet Secretariat (Government of India), Unique Identification Authority of India (UIDAI, Government of India), Omidyar Network State of Aadhaar Round-table Conference and IPPN Conference 2019; Media Coverage: The Times of India, The Economic Times, Financial Express, and Eenadu)

• Co-lead for developing "Index for Localized Distress", a tool that allows for real time (15-30 days) identification of distress. Managed a team of external consultants during the initiation, planning and execution of the project. Link: <https://distresstool.github.io/index.html>

• Co-author "Estimating the Impact of Mandatory Aadhaar in the National Social Assistance Program (NSAP)". Understanding the distribution of pensions schemes under NSAP and analyzing scope of exclusion based on biometric digital identity penetration across the Indian states

• Co-author "Demonetization, Auditor Rotation and Tax Compliance" Analysed how tax compliance by firms has changed with the introduction of mandatory auditor rotation post November 2016 demonetization of high denomination Indian currency notes

• Researcher for the paper titled "Does Mandated Corporate Social Responsibility Reduce Intrinsic Motivation? Evidence from India." Cleaned, compiled and ran econometric analysis on Corporate Social Responsibility (CSR) in India. Studied how CSR expenditure by firms changed after CSR was made mandatory.

GRADUATE PROJECTS

• *Masters Thesis*: Quantifying climate change: Effect of temperature anomalies on economic outcomes in California. (Software used: Stata and GIS)

• *Social Media Analytics*: Coastal Gas Link vs Wet'suwet'en Nation: Leveraging Online Networks For Indigenous Rights. (Programming language: Python)

• *Multivariate Statistics*: A post-hoc analysis of state level characteristics of the people who voted for Donald Trump (Software used: Stata and R).

• *Statistical Case Studies*: Wrote a linear model to predict NCAA basketball scores incorporating home advantage for the 2017-18 season (Programming language: R).

• *Statistical Case Studies*: Analyzed if there is bias in the scores given in London 2012 Diving World Cup by adjusting for phenomena such as diver skill and happy judge (Programming language: R).

SKILLS

Stata, R, ArcGIS/QGIS, Python, MS Office, L^AT_EX