

Sarojini V. Rao

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EDUCATION

- Ph.D., Economics, University of Chicago (Chicago, IL) Expected December 2018
- M.A., Economics, University of Chicago (Chicago, IL) December 2012
- B.A., *magna cum laude*, Economics, Carleton College (Northfield, MN) June 2009

HONORS AND FELLOWSHIPS

- Immasche Economics Fellowship, Economics Department, University of Chicago 2016-2017
- Social Sciences Division Fellowship, University of Chicago 2011-2016
- Urban Services Initiative – \$74,565, with Profs. Jayachandran and Jack 2015
- International Growth Center – \$40,000, with Profs. Jayachandran and Jack 2015
- University of Chicago’s Center in Delhi – \$30,000, with Prof. Malani 2014

RESEARCH AND PROJECT MANAGEMENT EXPERIENCE

Dissertation Research (Bangalore, India and Chicago, IL) October 2014 – Present

- Conducted a first-of-its-kind survey of 420 hospitals
- Recruited, trained, and supervised a team of 15 local research staff
- Analyzed survey, census, and insurance claims data to generate multiple reports and papers
- Developed a predictive model of private hospital response to healthcare policy changes
- Presented data-driven insights to officials in the State Departments of Labor and Health

Booth School of Business, University of Chicago (Chicago, IL) August 2015 – June 2016

Project Mentor, Healthcare Analytics Lab

- Collaborated with the CMO at a Chicago-area hospital group to spearhead a rigorous evaluation of their sepsis identification and treatment protocol
- Developed logistic regression models to evaluate the effectiveness of each step in the protocol
- Created a risk adjustment model to benchmark the protocol against 800,000 Medicare cases
- Discovered \$500,000 annual revenue loss due to miscoding of severe sepsis and septic shock

Innovations for Poverty Action (Livingstone, Zambia and Chicago, IL) June 2014 – December 2015

Co-Principal Investigator/Co-author and Project Manager

- Designed a study to measure household responses to water conservation incentives.
- Recruited and trained a Research Assistant, Field Manager, and a team of 12 local surveyors
- Automated daily and weekly data quality checks to provide oversight from Chicago
- Coordinated project management by tracking the budget, timeline, and deliverables

Federal Reserve Bank of Boston (Boston, MA)

July 2009 – July 2011

Senior Research Assistant, Research Department

- Analyzed corporate financial data, consumer payments data, and other survey data
- Wrote *Data User’s Manual* for the first annual Survey of Consumer Payment Choice

Programming Skills: Stata, Matlab, R, Tableau, MS Word, Excel, PowerPoint

Languages: English (first language,) Hindi (proficient), Tamil and Mandarin (conversational)

GRE Scores: Math (800/800), Verbal (750/800), Analytical Writing (5.5/6)

Personal Information: Indian citizen, US Permanent Resident