

EDUCATION

Ph.D. in Agricultural and Applied Economics, University of Wisconsin-Madison <i>Relevant Coursework:</i> Microeconomics, Macroeconomics, Econometrics (theory and applied), Public, Health, and Development Economics. (Coursework covers Causal Inference, Data Science), <i>Recipient of several research and diversity (DEI) awards</i>	2018-24
MS in Economics, University of Wisconsin-Madison <i>Relevant Coursework:</i> Microeconomics, Macroeconomics, Econometrics <i>Recipient of the 'Best Paper scholarship'</i>	2016-18
Bachelor of Technology, Civil Engineering, Mumbai University <i>Relevant Coursework:</i> Linear Algebra, C, C++	2004-08

TECHNICAL SKILLS

Data Analysis: Visualisation, Data Cleaning, Economic Modelling, Communication, Inference, Econometric Analysis
Programming: Stata (advance), Python (basic), R (basic)
Platforms/Tools: git, LaTeX, MS Office

RESEARCH INTEREST

Health, Aging, Human Capital, Agriculture, Social Security, Causal Inference, Applied Econometrics, Development

PROFESSIONAL EXPERIENCES

Researcher, University of Wisconsin-Madison	2018-
<ul style="list-style-type: none"> - Co-authored a paper with my advisor estimating the wage gap between foreign-born and US-born academic faculty by developing a framework to identify and test sources of the wage gap; used Kitagawa-Oaxaca-Blinder decomposition to identify the explained and unexplained (discrimination) part of the wage gap; conducted analysis in Stata with the novel survey data; conference presentation- AAEA - Led two papers with co-authors estimating the causal effect of an increase in agriculture productivity in early life on later-life health, aging, and the next generation's human capital (funded by NIA grant); crosswalked the historical agricultural data with the contemporary health and education data; used various applied econometrics tools; produced geospatial maps and visualization that show the spatial and temporal variation in agricultural productivity; conference presentation- PAA, APPAM - Co-authored a paper with interdisciplinary co-authors from sociology, economics, and public policy; contributed better data on the proxy for the 1939 Great Depression in the US and studied how the Great Depression affected later life mortality 	
Research Assistant, University of Wisconsin-Madison	
<ul style="list-style-type: none"> - Assisted a project of Profs. Lauren Schmitz and Valentina Duque that evaluates early exposure to the Great Depression in the US on later life mortality; data analysis using the restricted HRS data. - Assisted Andra Ghent (Wisconsin School of Business) in a project that uses the WRDS data to plot time series of Treasuries, corporate debt, common stock, residential real estate, and commercial real estate. 	
Assistant Manager (Sub-contracts, Business Development, and Planning), L&T, ITDC, VEL, Gammon India Ltd	2008-16
<ul style="list-style-type: none"> - Worked in various leadership positions in top construction firms in India; supervised about 40 construction workers and 3 supervisors; led a building foundation (deep foundation) project with over 100 manpower including engineers, supervisors, and workers; led a planning department to achieve a 32% profit on a project; achieved a saving of over 6 million INR under the sub-contract negotiations. 	

ONGOING PROJECTS

Does the availability of better broadband improve the social security disability applications after the social security administration (SSA) field office closures?- (funded from an award from the RDRC, CFS at UW-Madison, in collaboration with SSA)

- Working on getting the restricted SSA administrative data; developing a proposal using the advanced econometrics method

Does the minimum teacher rule affect students' test scores?- A Multiple Regression Discontinuity Approach

- Revisited the common question in the economics literature in the uncommon setting with the unique econometric method of multiple RD design for the largest education system in the world

Does giving bicycles to grade-9 girls motivate grade-6 girls to continue schooling?- Spillover effect of a bicycle policy (Best paper award scholarship during Masters of Economics)

- Used census of administrative data and DID method to find a significant spillover effect of a bicycle policy on girl's enrollment

ADDITIONAL TRAINING

- Junior Scholar Intensive Training (CFS, UW-Madison, with SSA)	2022
- Affiliated with interdisciplinary departments (Center for Demography of Health and Aging (CDHA), Institute of Research on Poverty (IRP), Retirement and Disability Research Center (RDRC)	Various years