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Latest Update: October 2019

Citizenship Status

India (F-1 Visa)

Education

- Ph.D., Economics, Ohio State University, Expected: May 2020.
Dissertation title: Essays on Macroeconomics and Labor Markets
Committee: Professor Julia K. Thomas (Chair), Professor Aubhik Khan,
Professor Kyle Dempsey
- M.A., Economics, Ohio State University, 2015
- M.S., Quantitative Economics, Indian Statistical Institute, 2014.
- B.Sc., Economics (Hons), Presidency College, University of Calcutta, 2012.

Teaching and Research Fields

Primary: Macroeconomics
Secondary: Labor and Demographic Economics

Research Papers

“Female Labor Supply and Jobless Recoveries” (**Job market Paper**)

Abstract: Recessions in the U.S. post 1990 have been followed by jobless recoveries, wherein aggregate employment rebounds slowly despite recoveries in aggregate output. In this paper I discuss the contribution of changes in the secular trend in female labor supply on jobless recoveries. I find that the fall in the growth rate of female labor supply is reflected in the slowdown in aggregate labor supply. In particular, young, married women with children have shown a significant decline in the speed of their employment recoveries post recessions over the years. I quantify the extent of the slowdown by using a heterogeneous agent framework with overlapping generations to model labor supply and savings decisions for married as well as single households who have children. I further discuss the importance of incorporating family friendly policies in order to reverse the slowdown in female labor supply and its impact on recoveries during recent recessions.

Research in progress

Female Labor Force Participation and Wealth Inequality

Abstract: In this paper, I quantify the effect of a rise in female labor force participation on the rise in wealth inequality in the United States. The rise is female participation that has been observed in the data since the 1960s was primarily driven by married women. I argue that spousal labor supply acts a form of insurance thus influencing household savings behavior. With more married women participating

in the workforce, the role of this insurance has changed over time. I build a theoretical framework to identify mechanisms through which this insurance within the family affects the individual labor supply and savings portfolio decisions that the household makes. The insurance provided by a working spouse decreases incentives of couple households to save for precautionary reasons. However, it also allows them to invest in risky assets with higher returns as opposed to single households. Further, unemployed individuals with working spouses wait for better wage offers, which can have a permanent effect on their lifetime earnings and in turn affect the wealth accumulation of households.

Inefficiencies due to skill choice

Abstract: In this paper, I look at how the skill choices that individuals make can lead to inefficient outcomes due to the existence of the search frictions. Some college degrees, such as engineering, provide multiple job options, which incentivize individuals to invest in them while making skill choices. However, this may lead to over investment in this skill type, which can eventually lead to higher unemployment among engineers, owing to the search frictions that are present in the economy. In this paper, I use a two-sector two-skill search theoretic model to analyze this problem and I find that this may lead to inefficient outcomes. A government intervention which penalizes individuals who invest in these skills and rewards workers who invest in skills which has less job options can help to reduce this inefficiency.

Conference Presentations

Econometric Society European Winter Meeting, 2019 (Upcoming)
13th Annual Conference on Economic Growth and Development, ISI New Delhi, 2017

Awards, Grants and Fellowships

Burton Abrams Dissertation Award, Ohio State University, 2019
International Leadership Scholarship Award, Ohio State University, 2019
Department Citation for Excellence in Teaching Award, Ohio State University, 2017-2018
Journal of Money, Credit and Banking Travel Grant, Ohio State University, 2017
University Fellowship, Graduate School of Arts and Sciences, Ohio State University, 2014-2015
Academic Fellowship, Indian Statistical Institute, 2012-2014

Teaching Experience

Instructor, Full responsibility, Current Economic Issues in the U.S., Fall 2019, Spring 2019
Instructor, Full responsibility, Intermediate Macroeconomics, Summer 2018
Recitation instructor, Principles of Microeconomics, Spring 2018
Recitation instructor, Principles of Macroeconomics, Fall 2017

Computational Skills

Fortran, MATLAB, Stata

References

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