

Sayoudh Roy

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Citizenship and Visa Status

Indian Citizen, U.S. (F-1 Visa)

Education

Ph.D. Economics, The Ohio State University, 2021 (expected)
Dissertation: Papers about Labor Markets
Committee: Professor Sanjay Chugh (chair), Professor Pok-Sang Lam, Professor Kyle Dempsey
M.A. Economics, The Ohio State University, 2016
M.S. in Quantitative Economics, Indian Statistical Institute, 2014
B.A. Economics, University of Delhi, 2012

Cumulative GPA: 3.61/4

Teaching and Research Fields

Primary fields: Macroeconomics
Secondary fields: International Economics

Research Papers

“Effect of Labor Market Power on On-the-Job Search” (**Job Market Paper**)

This paper introduces firm labor market power, as modeled in Jarosch, Nimczik & Sorkin(2019), into a model with labor search frictions and on-the-job search, similar to Krause & Lubik (2006), and shows that labor market power can lead to slower recoveries in on-the-job search, job transitions, wages and employment in the event of an aggregate productivity shock. Higher levels of labor market power benefit the firm's bargaining position, create incentives against on-the-job search and lead to lower steady state levels of on-the-job search and job transitions. Labor Market Concentration amplifies the response of on-the-job search, job transitions, employment and output to an aggregate shock.

“Banking Frictions in a Model with Labor Search”

This paper introduces banking frictions modeled in Gertler and Karadi (2011) into a model of labor search and analyzes the interaction between banking constraints and labor search. An analytical expression for the steady state elasticity of market tightness to productivity is calculated to show that an increase in the degree of banking friction increases volatility of labor market tightness and this volatility can be lowered if the leverage ratio is sufficiently high. Adding banking frictions to a model with labor search frictions helps to not only match labor market responses, but simultaneously generate greater declines in macroeconomic aggregates of capital and investment.

Research in Progress

“Hedging against volatile productivity with bonuses/benefits”

This paper is intended to analyze how much of the rise in bonuses/benefits compensation as a percentage of total compensation can be explained by the upward trend in volatility of firm productivity.

Conference and Seminar Presentations

October 2018	Economics Graduate Students' Conference, Washington University in St. Louis
March 2020	Midwest Economic Association Conference – Canceled due to Covid-19 Pandemic
March 2021	Midwest Economic Association Conference - Upcoming

Research Experience and Other Employment

June–Sep 2014	Indian Statistical Institute, Research Assistant
Dec 2013	Agora Advisory Pvt. Ltd. (not Agora Inc.), Intern, Statistical Analyst
May-July 2013	Financial Chronicle, The Asian Age, Intern, Analyst

Honors, Scholarships, and Fellowships

2015-2016	OSU Department Fellowship
2012-2014	Indian Statistical Institute Fellowship
2018, 2020	Journal of Money, Credit & Banking Travel Grant

Teaching Experience

Spring 2019	Principles of Macroeconomics, Independent Instructor
AU 2018, AU 2019	Principles of Macroeconomics, Recitation Leader
AU 2017, SP 2018	Principles of Microeconomics, Recitation Leader

Skills

Software:	MATLAB, Stata, Eviews
Languages:	English (fluent), Hindi (native), Bengali (native)

References

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