

# Jingya Sun

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Personal Website

## EDUCATION

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**Louisiana State University**, Baton Rouge, LA, USA

Ph.D. in Economics 2019 - 2024 (Expected)

Graduate Certificate in Econometrics 2022

M.A. in Economics 2019 - 2021

**Boston University**, Boston, MA, USA

M.A. in Financial Economics 2016 - 2018

**Zhengzhou University**, Zhengzhou, Henan, China

B.A. in Computer Science and Technology 2011 - 2015

B.A. in Finance 2011 - 2015

## RESEARCH INTERESTS

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Macroeconomics, Consumption, Economic Growth

## WORKING PAPERS

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### **The Response Of Consumption To Transitory Shocks: Structural VS. Quasi-experimental Estimates From India**

**Abstract:** This study quantifies the response of consumption expenditures to transitory income shocks using monthly data for Indian households. The research makes three contributions. First, I estimate the marginal propensity to consume (MPC) for a developing country using a semi-structural model. The results indicate a statistically significant MPC of 0.257 over a three-month period following a transitory shock. Second, using the same dataset for rural households in India and the corresponding time frame, I employ both a structural model and a quasi-experimental approach to estimate MPCs. These methods yield similar implied MPC values of 0.572 and 0.505, respectively, over the three months following a transitory income shock. Third, I document substantial heterogeneity in MPCs among Indian households. For example, the MPC ranges from 0.15 for high-income households to 0.845 for low-income households.

### **Early Urbanization and Regional Disparities within Countries** (with Areendam Chanda and Dachao Ruan)

**Abstract:** We explore the extent to which present day economic development at the subnational level is associated with urbanization in the mid-nineteenth century. Drawing on historical city data, we construct a variety of measures capturing city presence and populations in 1850 for 1,954 current first level administrative regions covering 128 countries. We find strong evidence of persistence in regional development that increases with city size. Using 2015 nighttime lights data as our baseline estimates, the presence of an 1850 city with a population between 5,000-20,000 is associated with a 6% higher GDP per capita, while a city with 100,000 population or more is associated with a 30% increase. Presence of the largest national city in 1850 confers a significant additional advantage to the region even 165 years later. Human Capital, as captured by the historical presence of universities is also important, but the independent effect of early urbanization remains.

## Expectations and Consumption Behavior: Evidence From India

**Abstract:** This study evaluates whether consumer sentiment has a causal effect on consumption, using the Euler equation and a household panel dataset. I find that micro expectations have a statistically significant effect on consumption growth compared to the effect of macro expectations on the same. Additionally, I find that negative shocks have a statistically significant effect on consumption growth.

## TEACHING AND WORKING EXPERIENCES

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<b>Course Instructor</b> ECON 2000 Principles of Microeconomics (2 sections)	Fall 2023 - Present
<b>Tutorial Instructor</b> ECON 2030 Economic Principles (4 sections)	Fall 2022 - Spring 2023
<b>Teaching Assistant</b> ECON 4630 Introduction to Econometrics ECON 4633 Time Series Data Analysis ECON 4710 Aggregate Economic Analysis ECON 7719 Advanced Macroeconomics II (Graduate)	Fall 2021 - Spring 2022

## PRESENTATIONS

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93rd Southern Economic Association Conference, New Orleans, LA (scheduled)	Nov 2023
Research seminar, LSU Department of Economics (scheduled)	Nov 2023
Research seminar, LSU Department of Economics	Apr 2023
Research seminar, LSU Department of Economics	Nov 2022
Research seminar, LSU Department of Economics	Dec 2021

## HONORS AND AWARDS

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Graduate Assistantship, LSU	2021 - Present
Graduate Student Association Travel Award, LSU	2022 - 2023
Travel Award, LSU Department of Economics	2022 - 2023
Graduate Student Award, Southern Economic Association Workshop	2022 - 2023
2015 Outstanding Graduate of Henan Province, Education Department Henan	2015
National Motivational Scholarship, Ministry of Education, China: 3 times	2012 & 2013 & 2014
Silver Prize in 2014 College Students' Entrepreneurship Competition, Henan	2014
3rd in the ACM International Collegiate Programming Contest	2012

## OTHER CONFERENCE EXPERIENCE

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Mentoring workshop for 3rd and 4th Year Women/Non-Binary Economics PhD Students at the Southern Economic Conference, Fort Lauderdale, FL	Nov 2022
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## REFeree SERVICE

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Economic Modelling

## SKILLS

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Computer Skills   Stata, Gauss, Matlab, Python, R, QGIS, LaTeX, Excell  
Language Skills   English (fluent), Mandarin (native)

## REFERENCE

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Areendam Chanda (Committee Chair)  
Thomas Singletary Distinguished Professor of Business Administration  
Professor  
Department of Economics  
Louisiana State University  
Email: [achanda@lsu.edu](mailto:achanda@lsu.edu)

Fang Yang (Committee Member)  
Economic Policy Advisor and Senior Economist  
Federal Reserve Bank of Dallas  
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Daniel Keniston (Committee Member)  
Associate Professor & Director of Graduate Studies  
Rick & Holly Wolfert Professor  
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