

# Yimin Yi

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## EDUCATION

Ph.D. in Economics, Syracuse University	2016-2021 (expected)
M.S. in Applied Economics, North Dakota State University	2015-2016
M.S. in International Business, Shandong University	2013-2016
B.E. in Automation, Southeast University	2006-2010

## RESEARCH INTERESTS

International Economics, Urban Economics, Labor Economics

## WORKING PAPERS

Importing, Exporting, and Firms' Productivity Evolution in China (**Job Market Paper**)

Abstract: Firms display remarkable persistence in exporting and importing status. However, export and import status do not overlap perfectly, as some exporters do not import while some importers do not export. Motivated by these facts, I develop a dynamic discrete choice model of a firm's decision to import and export. A firm needs to pay sunk costs to initiate an activity or fixed costs to maintain that activity, anticipating that decision would impact its future productivity and expected revenue. Estimating the model for a range of Chinese industries, I find that both activities benefit a firm's future productivity. Then, I investigate the impact of trade liberalization and government subsidy policies on firms' importing and exporting behavior using the estimated model. A simulation of market expansion raises both exporting and importing participation rates and generates a modest increase in mean productivity. Subsidizing either the sunk costs or the fixed costs of one activity raises the activity's participation rate while discouraging the other activity. However, subsidizing the fixed costs of exporting generates a larger increase in total foreign market revenue compared to subsidizing the sunk costs of exporting.

Trade Policy Uncertainty and Manufacturing Employment Growth in China

Abstract: This paper links the grant of permanent normal trade relations (PNTR) status to China by the U.S. Congress in 2000 to manufacturing employment evolution in China from 1998 to 2007. Generalized difference-in-difference estimates show that Chinese manufacturing industries with high-NTR gaps see a greater employment increase than industries with low-NTR gaps after the grant of PNTR. Possible mechanisms include that more firms enter the ordinary exporting market, foreign firms invest more, and exports grow more to the U.S. than to the rest of the world in high-NTR gap industries after PNTR.

## WORKING IN PROGRESS

The Return to Protectionism in The Presence of Supply Chains (with [Mary Lovely](#) and [David Xu](#))

Innovation, Trade, and Dynamic Firm Productivity: Evidence from China (with [Mengxiao Liu](#) and [Luhang Wang](#))

Improving Subway Access, Rising Ticket Price, and Residential Property Values in Beijing

Merging PATSTAT with S&P Capital IQ: An Application of Machine Learning Algorithm (with Yoonseok Lee and Mengxiao Liu)

## PUBLICATIONS

**India's Weak Links to America's Supply Chains** (with Mary Lovely), *PIIE Briefing* 20-2, 27-46 (2020).

**What Contributes to The Rising House Prices in Beijing? A Decomposition Approach** (with Lei Zhang), *Journal of Housing Economics* 41, 72-84 (2018).

**Quantile House Price Indices in Beijing** (with Lei Zhang), *Regional Science and Urban Economics* 63, 85-96 (2017).

## RESEARCH EXPERIENCE

Research Assistant for

Professor Mary Lovely, Syracuse University 2019-2020

Professor Stuart Rosenthal, Syracuse University 2017-2018

Professor Mengxiao Liu, Syracuse University Summer 2018

Professor Kristy Buzard, Syracuse University Summer 2017

Professor Lei Zhang, North Dakota State University 2015-2016

Software Engineer

CYG SUNRI CO., LTD, Shenzhen, China 2010-2012

## TEACHING

Instructor, Intro to Stats & Econometrics Summer 2020

Teaching Assistant, Intermediate Macroeconomics Fall 2018, Spring 2019

Teaching Assistant, Introduction to Money and Banking Fall 2018, Spring 2019

Teaching Assistant, Economic Statistics Fall 2016, Spring 2017

## PRESENTATIONS

North Dakota State University 2020

Syracuse University (Graduate Trade Seminar) 2019, 2020

## SCHOLARSHIPS, HONORS AND AWARDS

Maxwell Dean Summer Fellowship, Syracuse University	2017,2018
National Scholarship for Graduate Students, Shandong University	2014
Honor student selected to visit Japan Aichi Institute of Tech, Japan	2009
RoboCup Soccer 3D, RoboCup China Open 2009 Champion, Dalian, China	2009
Champion of RoboCup Soccer 3D, RoboCup 2009 International, Graz, Austria	2009
TITAN Academic Excellence Scholarship, Southeast University	2009

## SKILLS & LANGUAGES

Programming Stata, Python, Julia, L<sup>A</sup>T<sub>E</sub>X, C/C++, R, MATLAB, SQL.  
Languages Mandarin (native) , English (fluent).

## REFERENCES

**Devashish Mitra** (Co-Chair)  
Professor of Economics  
Syracuse University  
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