

Yijiao Liu

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Economics Department, Stony Brook University, Stony Brook, NY, 11790, U.S.

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Education

Stony Brook University

PH.D. CANDIDATE IN ECONOMICS, GPA 3.5

• Research Interests:

- Applied Microeconomics
- Data Analysis
- Urban Economics
- Demographic Economics

• Dissertation: 'The Urbanization Process in China under the Impact of the Reform of *hukou* Policy'

Stony Brook, NY

Expected May, 2019

Jilin University

B.A. IN ECONOMICS NATIONAL BASE CLASS, GPA 3.5

Changchun, China

Aug. 2008 - Jun. 2012

Skills

Programming Languages	<ul style="list-style-type: none">• Statistical Programming• Data Analysis Python, R, Stata	<ul style="list-style-type: none">• GIS and Geocoding• Construction of Large Data Sets	<ul style="list-style-type: none">• Economic Modeling• Policy Analysis
Other Packages	QGIS, HTML, Maps APIs Webservices, LaTeX, LyX, MS Office		
Fluent in English, Native in Chinese			

Projects

DATA SETS

China Spatial Administrative Unit Coding System [CN-SAUCS]

FOUNDER

• Constructed a novel comprehensive geocoded village-level spatial data set with accurate census data and administrative hierarchy info. of China

Stony Brook, NY

2017–Present

Research Experience

Mortality Section, Population Division, DESA, United Nations

FULL-TIME INTERN

- Assisted with research and data management using the DHS data from developing and developed countries
- Developed R packages to standardize novel computational methods of fertility rates
- Collaborated in the development and testing of new statistical methods, evaluated quality, and corrected errors of the DHS data sets

New York City

Aug. 2017 - Nov. 2017

Research Foundation in CUNY

CONSULTANT

- Established a geographic census dataset of a county-level division to distinguish urban and rural population for each city-proper in China
- Constructed a yearly-consistent coding system with zip code cross-walks for county-level administrative units in China

New York City

Feb. 2015 - May. 2015

Jilin University

PROJECT LEADER, CHINA NATIONAL INNOVATION PLAN FOR UNDERGRADUATES

- Led a Project 'The Development of the Theory of the Dual Labor Market in China' with members from Economics, Mathematics, and Law School
- Received research fund of 12,000 RMB from the Ministry of Education of China and Ping An Insurance (Group) Company of China, Ltd.
- Published 'The Analysis of the Structure of the China's Labor Market' in Business Research Journal, and won the National Ping An Paper Award

Changchun, China

Feb. 2010 - May. 2011

Honors & Awards

2017	2017 Summer Online Teaching Initiative , Office of the Provost	Stony Brook University
2014–Present	Tuition Scholarship and Graduate Assistantship , Stony Brook University	--
2010–2011	National-Level Project , The National Innovation Project for Undergraduates	The Ministry of Education
2009–2012	Student Achievement Award , The School of Economics	Jilin University
2009–2012	Second Prize , Scholarship to the School of Economics	--
2011	Third Prize , National Ping An Paper Award	--

Working Papers

2018	'How Will <i>Hukou</i> Reform Affect the City System in China?', Job Market Paper
2018	'Distinguishing Places and Populations in China: A Comprehensive Geo-Coded Dataset of Census and Administrative Hierarchy', Chapter of Doctoral Thesis
2014	'Migrant Workers and the Social Welfare of the Chinese Rural Migrant Population'
2014	'The Impact of Demographics on Urban House Prices: Evidence from Thirty-Five Cities in China', with Bo Li, Feiya Ou, Yin Liang and Po-Keng Cheng

Conferences & Publications

CONFERENCES

2019	'How Will <i>Hukou</i> Reform Affect the City System in China?', AEA Poster Session	Atlanta, GA
2018	--, SEA Conference	Washington, DC

PUBLICATIONS

May, 2011 'The Analysis of the Structure of the China's Labor Market', Business Research Journal

Teaching Experiences

INSTRUCTOR AT STONY BROOK UNIVERSITY

- SP 2019 **Mathematical Statistics (undergraduate)**
- WN 2019 **Urban Economics (undergraduate)**, on-line
- SM 2018 **Urban Economics (undergraduate)**, on-line
- SP 2018 **Urban Economics (undergraduate)**
- FL 2017 **Economic Development (undergraduate)**
- SM 2017 **Urban Economics (undergraduate)**, on-line
- SP 2017 **Urban Economics (undergraduate)**
- WN 2017 **Demographic Economics of Developing Countries (undergraduate)**
- FL 2016 **Mathematical Statistics (undergraduate)**
- SM 2016 **Mathematical Statistics (undergraduate)**
- SP 2016 **Intermediate Macroeconomic Theory (undergraduate)**
- SM 2015 **Intermediate Microeconomic Theory (undergraduate)**

TEACHING ASSISTANT AT STONY BROOK UNIVERSITY

- FL 2018 **Introduction to Economics (undergraduate)** Professor Nuria Quella
- SP 2017 **Introduction to Economics (undergraduate)** Professor Roberto Burguet
- FL 2016 **Introduction to Economics (undergraduate)** Professor Eva Carceles-Poveda
- FL 2015 **Mathematical Statistics (undergraduate)** Professor Mark Montgomery
- SP 2015 **Intermediate Microeconomic Theory (undergraduate)** Professor Thomas Muench
- FL 2014 **Mathematical Statistics (undergraduate)** Professor Samuele Centorrino

TEACHING ASSISTANT AT JILIN UNIVERSITY

2010–2011 **Teaching Assistant at Student Center of Economics Department**

Extracurricular Activity

Game Theory Center of Stony Brook University

Stony Brook, NY

ORGANIZER

Jul. 2016 & Jul. 2017

- Worked in a team to organize the 27th & 28th International Game Theory Conference and Workshops with 300+ participants, including registration, a guide to local services and amenities, and catering for the conference

Carnegie Hall

New York City

MUSIC AMBASSADOR

Sep. 2015–Mar. 2016

- Assisted visitors and music lovers from all over the world with getting information of concerts and amenities to enhance their tourism experience

Sciences Playwriting Competition Winning Entries

Simon's Center, Stony Brook

CLASSICAL GUITAR PLAYER

Apr. 2013

- Performed at reception and the public staged reading of the winning entries

The OST of *Utopia*, Composed by Fu Jia, a Yiren Wang's Movie

Changchun, China

CLASSICAL GUITAR PLAYER

2007

- Played the music of the original soundtrack of a documentary movie as a volunteer to support a disadvantaged group in Jilin City

The Second Guitar Competition of the Northeastern Provinces

Shenyang, China

CLASSICAL GUITAR PLAYER

2002

- [Champion](#) of the adult group (12 years old)

Professional Memberships

- American Economic Association
- Southern Economic Association
- The American Real Estate and Urban Economics Association
- Chinese Economists Society

References

- Professor Mark Montgomery** (Advisor)
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