

Yijiao Liu

ECONOMIST

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Education

Ph.D. In Economics

DISSERTATION: 'URBANIZATION IN CHINA UNDER THE IMPACT OF THE REFORM OF *hukou* POLICY'

Stony Brook University, NY

Aug. 2012 - Aug. 2019

• Research Interests:

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

B.A. In Economics

NATIONAL BASE CLASS OF THE SCHOOL OF ECONOMICS

Jilin University, China

Aug. 2008 - Jun. 2012

Working Experience

Nathan Associates

ASSOCIATE

Arlington, VA

May 2019 - Present

- Led CECL **model** (reserve allowance) validation, development, documentation, monitoring & credit risks control for six community banks.
- Benchmarked banks' models to reduce model & credit risks by OLS/Logistics/time series/panel regressions & other economics/statistical tools.
- Created and managed complex databases for the benefit of the clients' on-going monitoring basis by using Python, Stata, and R.
- Day to day communication with clients & business travels to present and expand projects which gained revenues to the firm.
- Assisted the lead of the practice and guided junior analysts to deliver high-quality team work.

Research Experience

Mortality Section, Population Division, DESA, United Nations

FULL-TIME INTERN

New York City

Aug. 2017 - Nov. 2017

- 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.

Research Foundation in CUNY

CONSULTANT

New York City

Feb. 2015 - May. 2015

- 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.

Jilin University

PROJECT LEADER, CHINA NATIONAL INNOVATION PLAN FOR UNDERGRADUATES

Changchun, China

Feb. 2010 - May. 2011

- Led a Project 'The Development of the Theory of the Dual Labor Market in China' with members from Economics, Mathematics, & 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.

Conferences & Publications

CONFERENCES PRESENTATION

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

DISCUSSANT

2018	'Love More or Buy More: Evidence of Tourist Expenditures in a Cross-sectional Survey', SEA Conference	<i>Washington, DC</i>
2020	'Immigration and the Pursuit of Amenities', ASSA Annual Conference	<i>San Diego, CA</i>

PUBLICATIONS

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

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

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**

Projects

DATA SETS

China Spatial Administrative Unit Coding System [CN-SAUCS]

FOUNDER

Stony Brook, NY
2017–Present

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

Skills

Programming	Python, R, Stata
Other Packages	QGIS, HTML, Maps APIs Webservices, LaTeX, LyX, MS Office
Languages	Fluent in English, Native in Chinese

Honors & Awards

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

Extracurricular Activity

Game Theory Center of Stony Brook University

ORGANIZER

Stony Brook, NY
Jul. 2016 & Jul. 2017

- Organized the 27th & 28th International Game Theory Conference and Workshops with 300+ participants.

Carnegie Hall

MUSIC AMBASSADOR

New York City
Sep. 2015–Mar. 2016

- Assisted visitors and music lovers with getting information of hall concerts and local amenities to enhance their tourism experience.

Sciences Playwriting Competition Winning Entries

CLASSICAL GUITAR PLAYER

Simon's Center, Stony Brook
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

CLASSICAL GUITAR PLAYER

Changchun, China
2007

- Played the original soundtrack of a documentary movie to support a disadvantaged group in an isolated rural village in Jilin City.

The Second Guitar Competition of the Northeastern Provinces

CLASSICAL GUITAR PLAYER

Shenyang, China
2002

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

Professional Memberships

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

References

- **Professor Meta Brown** (Chair of Committee)
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