

# Jing Gan

Department of Resource Economics, University of Massachusetts Amherst  
80 Campus Center Way, Amherst, MA, 01003, United States  
413 – 406 – 8738 || [jinggan@umass.edu](mailto:jinggan@umass.edu)

## EDUCATION

---

<b>University of Massachusetts - Amherst</b> <i>Ph.D. in Resource Economics - STEM</i> (Co-advisors: Dr. Christian Rojas and Dr. Emily Yucai Wang) Research Fields: Industrial Organization, Applied Econometrics	<b>Amherst, MA</b> <i>Expected 2026</i>
- <i>Graduate Certificate in Statistical and Computational Data Science</i>	<i>Expected 2025</i>
<b>Georgia Institute of Technology</b> <i>M.S. in Computer Science</i>	<b>Atlanta, GA</b> <i>2024</i>
<b>University of Wisconsin - Madison</b> <i>M.S. in Economics</i>	<b>Madison, WI</b> <i>2018</i>
<b>Southwestern University of Finance and Economics (SWUFE)</b> <i>B.A. in Economics</i>	<b>Chengdu, China</b> <i>2016</i>

## SKILLS

---

**Skills:** Advanced Statistics and Econometrics, Causal Inference, Predictive Modelling, Machine Learning, Sentiment Analysis  
**Software:** Python, R, Stata, Matlab, Java, C++, SQL, L<sup>A</sup>T<sub>E</sub>X, MS Office  
**Languages:** Mandarin Chinese (Native), English (Proficient)

## RESEARCH EXPERIENCE - WORKING PAPERS

---

### **Relationship between Restaurants' Reputation and Spatial Competition**

### **Reactions to FDA Sodium Reduction Guidance: Demand and Supply**

with Emily Yucai Wang (UMass Amherst), Nathalie Lavoie (UMass Amherst), Qihong Liu (University of Oklahoma)  
Accepted for presenting at the Selected Paper section, 2023 AAEA Annual Meeting

### **Restaurants Spatial Distribution and Food Equity**

with Christian Rojas (UMass Amherst), Emily Yucai Wang (UMass Amherst)

## WORK IN PROGRESS

---

### **Reactions to NYC's Calorie Labeling Rule for Food Service Establishments**

with Christian Rojas (UMass Amherst), Emily Yucai Wang (UMass Amherst)

### **Do NYC taxi drivers make fraudulent detours when picking up people of different races?**

with Christian Rojas (UMass Amherst)

### **Investigating the role of entry barriers in shaping competition among food companies**

## OTHER PROFESSIONAL EXPERIENCE

---

### Research Assistant

RA for Prof. Emily Yucai Wang and Prof. Nathalie Lavoie (Working paper: Market Reactions to the Restaurant Calorie Labeling Rule Project, USDA) 2021 - 2025

### Internship

- Intern in Bank of China, Hubei Branch, China (Analyze the development of non-standard credit assets business of 37 state-level branches) 2019
- Intern in Yichang Municipal Development and Reform Commission, China (Analyze data on the economic and social development of Yichang City using SPSS) 2017

## TEACHING EXPERIENCE

---

### Sole Instructor

Res-Econ 323: Financial Analysis for Consumers and Firms Spring 2025  
Res-Econ 323: Financial Analysis for Consumers and Firms Fall 2024  
Res-Econ 213: Intermediate Statistics for Business and Economics Summer 2023

### Teaching Assistant

RES-ECON 313 Decision Analysis Section 01 & 02 Fall 2025  
RES-ECON 452 Industrial Organization Fall 2025  
RES-ECON 312 Introductory Econometrics Spring 2024  
RES-ECON 212 Intro to Statistics for Social Sciences (Lecture & Laboratory) Fall 2023  
RES-ECON 428 Managerial Economics Spring 2021  
RES-ECON 453 Pub Pol In Prvt Mkts Spring 2021  
RES-ECON 202-01 Price Theory Summer 2020  
RES-ECON 452 Industrial Organization Section 01 & 02 Fall 2019, Spring 2020  
RES-ECON 202-01 Price Theory Section AA & AB (individually leading discussion sessions.) Fall 2018, Spring 2019

## CONFERENCE PRESENTATIONS

---

2023 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Washington, D.C.) 2023  
Annual UMASS ResEcon Graduate Conference (Amherst, MA) 2019 - 2024  
2015 International Conference on Service Science and Management 2015

## AWARDS, GRANTS AND FELLOWSHIPS

---

### The University of Massachusetts - Amherst

#### The Graduate School

Research Enhancement and Leadership (REAL) Fellowship (\$22,000), 2018 - 2022

#### Department of Resource Economics

Vijay Bhagavan Teaching Assistant of Distinction Award, 2022  
Graduate Student Travel Funds (\$400), 2019

### Southwestern University of Finance and Economics (SWUFE), China

Personal Scholarship, RIEM, SWUFE, 2016  
Award for Academic Research and Innovation, RIEM, SWUFE, 2015  
Second Prize in "Challenge Cup" National College Student Business Plan Competition, RIEM, SWUFE, 2014  
Merit Student, RIEM, SWUFE, 2013  
Excellent Student Cadre, RIEM, SWUFE, 2013  
Outstanding Volunteer, 2012 Globalization Process International Academic Conference Chengdu, China, 2012

## SERVICES

---

Graduate Employee Organization (GEO) Steward, UMass Amherst	2022 - 2024
Graduate Student Senate (GSS) Senator, UMass Amherst	2022 - 2024
Volunteer Leader, 2012 Globalization Process International Academic Conference, Chengdu, China	2012

## REFERENCES

---

### [Christian Rojas](#)

Department of Resource Economics  
University of Massachusetts Amherst  
205A Stockbridge Hall  
Amherst, MA 01003  
✉ [rojas@umass.edu](mailto:rojas@umass.edu)

### [Emily Yucai Wang](#)

Department of Resource Economics  
University of Massachusetts Amherst  
223 Stockbridge Hall  
Amherst, MA 01003  
✉ [emilywang@resecon.umass.edu](mailto:emilywang@resecon.umass.edu)

### [Qihong Liu](#)

Department of Economics  
University of Oklahoma  
308 Cate Center Drive  
Norman, OK 73072  
✉ [qliu@ou.edu](mailto:qliu@ou.edu)

*Last Updated: September 2025*