



# Qin Lin

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## Education

**University of Wisconsin - Madison**

*Expected May 2025*

PhD. in Economics

**University of Wisconsin - Madison**

2019

M.S. in Econometrics and Quantitative Economics

**Capital University of Economics and Business**, Beijing, China

2017

B.S. in Statistics and Financial Econometrics

## Dissertation

“Essays in Labor Economics”

Abstract Summary: My dissertation explores household problems regarding childcare arrangements, maternal labor supply, and couples’ joint labor supply decisions, as well as investigates how the adoption of new technology could potentially influence the labor market in the future. In the first chapter, I focus on the core trade-off that households with young children encounter during nonstandard schedules: higher wages resulting from schedule premiums but limited access to high-quality, low-price childcare. An issue that is particularly salient for households with lower socioeconomic status (SES). I find that variations in childcare quality between standard and nonstandard schedules are crucial in understanding household behaviors. Having Head Start (a higher-quality care option) available during nonstandard hours and accessible to all eligible lower SES households would significantly enhance the well-being of these families. In the second chapter, I use the Health and Retirement Study data to build a dynamic life-cycle model to analyze how dual-career couples jointly make their retirement decisions, seriously considering the heterogeneous and unstable preferences for joint leisure. I find that the preference for joint leisure significantly impacts the probability of working. Disutility from joint leisure can be vital for explaining the older population’s labor participation behavior. In the third chapter, joint with Lindsay Jacobs and Natalie Duncombe, we focus on the emerging collaborative robot technology and develop an index of occupations’ potential for adopting collaborative robots, or “cobots.” We estimate the feasibility of cobot adoption across occupations of various characteristics and illustrate how the constructed index can be used to assess geographic and demographic opportunities for cobot adoption.

## References

**Christopher Taber** (co-chair)

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University of Wisconsin-Madison  
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**Matthew Wiswall** (co-chair)

Departments of Economics  
Johns Hopkins University  
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**John Kennan**

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University of Wisconsin-Madison  
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## Research Fields

Labor Economics, Public Economics

## Research Papers

### Working Papers

“Childcare Availability During Nonstandard Hours and Household Choices” Job Market Paper.

“Unstable Leisure Complementarity and Dual Career Couples’ Joint Retirement Behavior”

“Collaborative Robots in the Workplace: Occupational, Geographic, and Demographic Opportunities for Technology Adoption” (with Lindsay Jacobs and Natalie Duncombe) submitted to *Strategic Management*



*Journal.*

“Child Care Policy and Informal Care” (with Joel McMurry)

Works in Progress

“Occupation Choices of Young Parents” (with Zhuoli Chen)

**Pre-doctoral Work**

“Sent-Down Youth: Spillover Effects on Rural Education and Health” (with Zeyu Li and Jidong Wang).

Supervised by Professor Christopher Taber.

“Does Education Make Us Healthier? Evidence from the College Expansion in China” (with Sijia Ge, Yutian Liu, and Zeyu Li). Supervised by Professor Chao Fu.

**Teaching Experience**

Undergraduate Courses:

Econ 400: Introduction to Applied Econometrics, UW-Madison	Fall 2023
Econ 410: Introductory Econometrics, UW-Madison	Fall 2021, Spring 2022
Econ 101: Introductory Microeconomics, UW-Madison	Summer 2022, Spring 2021, Fall 2020, Fall 2019

**Research Experience and Other Employment**

Project Assistant for Prof. Rebecca Myerson, Dept. of Population Health Sciences, UW-Madison	Spring 2024
INTEGRATE (Integrating Robots into the Future of Work) Fellow, UW-Madison	Spring 2023
Research Assistant for Prof. Lindsay Jacobs, La Follette School of Public Affairs, UW-Madison	2022 - 2023
Research Assistant for Prof. Lorenzo Magnolfi, Dept. of Economics, UW-Madison	2018 - 2019

**Honors, Scholarships and Fellowships**

Walker Family Dissertation Fellowship, UW-Madison	2024
Department of Economics Fellowship, UW-Madison	2020
The Wenxin Huai Academic Excellence Scholarship, UW-Madison	2019
Honorable Mention Research Paper Scholarship, UW-Madison	2019
Economics Master’s Spring Research Scholarship, UW-Madison	2018
Outstanding Graduates in Beijing, China Beijing Municipal Commission of Education	2017
Third-class Scholarship, CUEB	2016
First-class Scholarship, CUEB	2015 and 2014

**Conferences and Seminars**

Chinese Economists Society (CES) North America Annual Conference	2024
Meeting of the Society of Economics of the Household (SEHO) (Accepted)	2024
UW-Madison Labor Workshop and Empirical Micro Seminar	2021,2022,2023

**Technical Skills**

Programming: Stata/Julia/MATLAB/LaTex  
Languages: Chinese (native), English (fluent)