

# Qingyin Ma

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## Employment

- Assistant Professor, International School of Economics and Management, Capital University of Economics and Business, September 2019–present.
- Associate Lecturer, Research School of Economics, The Australian National University, January 2019–July 2019.
- Post-doctoral Research Fellow, Research School of Economics, The Australian National University, January 2018–January 2019.

## Education

Ph.D. Economics, The Australian National University, 2018.

M.A. Economics, Shandong University, 2012.

B.S. Economics, University of Jinan Quancheng College, 2009.

## Research Interests

Primary (Economics): Quantitative/Mathematical Economics; Macroeconomics.

Secondary (Mathematics): Dynamic Programming Theory; Stochastic Stability.

## Publications

1. Dynamic Programming Deconstructed: Transformations of the Bellman Equation and Computational Efficiency. (with John Stachurski)  
**Operations Research**, Forthcoming.
2. The Income Fluctuation Problem and the Evolution of Wealth.  
(with John Stachurski and Alexis Akira Toda)  
**Journal of Economic Theory**, 187, May 2020.
3. Optimal Timing of Decisions: A General Theory Based on Continuation Values.  
(with John Stachurski)  
**Journal of Economic Dynamics and Control**, 101, 62-81, April 2019.

## Working Papers

1. Dynamic Optimal Choice when Rewards are Unbounded Below. (with John Stachurski)
2. A Theory of the Saving Rate of the Rich. (with Alexis Akira Toda)

## Research Grants

The Generalized Incomplete Market Model and The Distribution of Wealth.  
**Natural Science Foundation of China**, Grant No. 72003138, Jan 2021–Dec 2023.

## Academic Conferences/Seminars

Workshop of the Australasian Macroeconomics Society, University of Otago, Nov 2018.

\* Econometric Society Australasian Meeting, Auckland University of Technology, Jul 2018.

\* The 2nd Conference on Structural Dynamic Models, University of Copenhagen, Jun 2018.

CIRJE Workshop, The University of Tokyo, Jun 2017.

RIEB Seminar, Kobe University, Jun 2017.

The 29th PhD Conference in Economics and Business, University of Western Australia, Nov 2016.

RSE Seminar (Economic Theory), The Australian National University (ANU).

· Dec 2014; · Dec 2015; · Dec 2017.

( \* : presented by coauthor)

## Teaching Experience

Lecturer, Frontier of Econometrics, CUEB, Autumn Semester, 2020.

Lecturer, 150143A, Econometrics, CUEB, Spring Semester, 2020.

Lecturer, EMET7001, Economic Models and Data, ANU, Semester 2, 2015.

Tutor, ECON8013, Math Techniques in Economics, ANU, Semester 1, 2015.

Tutor, ECON8069, Business Economics, ANU, Semester 1, 2019.

Tutor, EMET7001, Economic Models and Data, ANU.

· Semester 2, 2014; · Semesters 1–2, 2016.

Tutor, ECON4021, Applied Economics IVH(s), ANU, Semester 1, 2015.

Tutor, ECON2125, Optimization, ANU, Semester 1, 2015.

Tutor, EMET1001, Foundations of Economic and Financial Models, ANU.

· Semester 2, 2014; · Semesters 1–2, 2016; · Semester 1, 2017; · Semester 1, 2019.

## Awards and Distinctions (selected)

Goldsmith Endowment Scholarship, The Australian National University, 2015.

CSC Scholarship (ANU Ph.D. program), Chinese Scholarship Council, 2013–2017.

Excellent Graduate Student Award, Shandong University, 2012.

Shanghai Pudong Development Bank Scholarship, Shandong University, 2011.

## Quantitative Skills

Python (advanced), Julia (advanced), Matlab (advanced), C (intermediate).

## Research Visits

Research School of Economics, Australian National University, AUS, Nov 11–Dec 12, 2019.

Kobe University, The University of Tokyo, and Keio University, Japan, Jun 4–18, 2017.

Department of Economics, New York University, USA, Nov 14–28, 2015.

## Referee Service

Economic Theory.