Qingyin Ma

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Employment

Professor, International School of Economics and Management,
Capital University of Economics and Business, Jan 2023–present.

Associate Professor, International School of Economics and Management,
Capital University of Economics and Business, Sep 2020–Dec 2022.

Assistant Professor, International School of Economics and Management,
Capital University of Economics and Business, Sep 2019–Aug 2020.

Associate Lecturer, Research School of Economics,
The Australian National University, Feb 2019–Jul 2019.

Post-doctoral Research Fellow, Research School of Economics,
The Australian National University, Jan 2018–Jan 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. Unbounded Dynamic Programming via the Q-Transform.
   Qingyin Ma, John Stachurski, Alexis Akira Toda
   Journal of Mathematical Economics, 2022, 100, 102652.

2. Asymptotic Linearity of Consumption Functions and Computational Efficiency.
   Qingyin Ma and Alexis Akira Toda
   Journal of Mathematical Economics, 2022, 98, 102562.

3. Dynamic Programming Deconstructed: Transformations of the Bellman Equation
   and Computational Efficiency.
   Qingyin Ma and John Stachurski
   Operations Research, 2021, 69 (5), 1591-1607.

4. A Theory of the Saving Rate of the Rich.
   Qingyin Ma and Alexis Akira Toda
   Journal of Economic Theory, 2021, 192, 105193.

5. The Income Fluctuation Problem and the Evolution of Wealth.
   Qingyin Ma, John Stachurski, Alexis Akira Toda
   Journal of Economic Theory, 2020, 187, 105003.

6. Optimal Timing of Decisions: A General Theory Based on Continuation Values.
   Qingyin Ma and John Stachurski
   Journal of Economic Dynamics and Control, 2019, 101, 62-81.

Research Grants

High Dimensional Dynamic Modeling: Theory, Algorithms and Applications.
Natural Science Foundation of China, 2022-2025.

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

Academic Conferences/Seminars

NSD International Economics Workshop, Peking University, May 2023.

The 27th International Conference on Computing in Economics and Finance, Jun 2021.

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.

Teaching Experience

Lecturer, Frontier of Quantitative Economics, CUEB, Spring Semester, 2023.

Lecturer, Big Data Analysis Method and Application, CUEB, Autumn Semesters, 2022, 2023.

Lecturer, Advanced Macroeconomics, CUEB, Autumn Semesters, 2021.

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

Lecturer, 150143A, Econometrics, CUEB, Spring Semesters, 2020, 2023.

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;   · Semesters 1, 2017, 2019.

Quantitative Skills

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

Selected Awards and Distinctions

Investigator, National-Level Talent Program of China, 2022-2025.

Investigator, Overseas High-Level Talent Program of Beijing, 2020-2025.

Jingmao Scholar, Capital University of Economics and Business, 2022–2025.

Goldsmith Endowment Scholarship, The Australian National University, 2015.

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

Outstanding Graduates Award, Shandong University, 2012.

Excellent Graduate Student Award, Shandong University, 2011.

Pudong Development Bank Scholarship, Shandong University, 2011.

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

Computational Economics

Economic Theory

Journal of Mathematical Economics