

## EDUCATION

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### University of California, Los Angeles

#### *Ph.D. in Economics*

California, United States  
2019-2025 (expected)

- Advisers: Ariel Burstein and David Baqaee
- Majors: Macroeconomics, International Economics, Network Economics

#### *M.A. in Economics*

2021

### Keio University

#### *B.A. in Economics*

Tokyo, Japan  
2014

## PUBLICATIONS

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### Publication

2023 “Measuring Welfare by Matching Households Across Time.” *the Quarterly Journal of Economics*, with Ariel Burstein and David Baqaee, 139, 533–73.

### Pre-Doctoral Publication

2015 Hierarchical Bayesian ordered probit model for corporate bond rating (in Japanese). *Japanese Association of Financial Econometric and Engineering, (JAFEE) Journal*. February 2015; pp. 114-142.

### Working Papers

2023 “A Sufficient Statistics Approach to Measuring Forward-Looking Welfare.” with Ariel Burstein and David Baqaee.  
2023 “Inventor Mobility, Knowledge Diffusion, and Growth.” with Toshitaka Maruyama and Koki Okumura.  
2018 “The Labor Share, Capital-Labor Substitution, and Factor Augmenting Technologies.” Bank of Japan Working Paper Series 18-E-20, Bank of Japan with Hirakata Naohisa.

### Work in Progress

- Aggregating Distortion in Networks with Multi-Product Firms (with Antonio Martner)
- Production Networks and R&D Misallocation (with Koki Okumura)
- Growth Accounting in Distorted Open Economies (with Federico Huneus and Antonio Martner)

## CONFERENCE PRESENTATIONS

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- 2024 (\*for scheduled): Comparative Analysis of Enterprise Data (CAED) Conference, Pennsylvania State University; TDB-CAREE, Hitotsubashi University; 58th Annual Canadian Economics Association Meetings; TIGN conference; 30th CEF Conference (canceled); Global Economic Networks (GEN) Workshop\*; Federal Reserve Board\*: BSE Summer Forum\*; NBER Summer Institute, Macroeconomics Within and Across Borders\*; SEA 94th Annual Meeting (Nominated PhD student)\*; Keio University\*; Washeda University\*; Hitotsubashi University\*; Osata University\*
- Before 2023: Young Economist Symposium, Yale University (2022); 16<sup>th</sup> Economics Graduate Student Conference, Washington University in St. Louis (2021); Asian Development Bank Institute (2018); Banque de France, Paris (2017); Summer Workshop on Economic Theory, Hokkaido University (2018, 2019, 2023)

## PROFESSIONAL EXPERIENCE

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### Bank of Japan

Tokyo, Japan

#### *Economist, Economic Research Division, Research and Statistics Departments*

2016–2019

- Developed macroeconomic models for monetary policy meetings.
- Head of the consumption sector of the quarterly economic forecast team.

#### *Economist, Policy Planning Division, Monetary Affairs Department and Kanazawa Branch*

2014–2016

- Examined the effect of monetary easing for monetary policy meetings.
- Contributed to the regional economic report (analogous to the Fed’s Beige Book).

## RESEARCH EXPERIENCE

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### National Bureau of Economic Research

Massachusetts, United States

#### *Research Assistant for David Baqaee and Ariel Burstein*

2022–2024

- Welfare and Output with Income Effects and Taste Shocks (Quarterly Journal of Economics, 2022)
  - Construction of a price index that recovers welfare for different incomes using Nielsen microdata
- Network Barriers, and Trade (Econometrica, 2024)
  - Computing of world trade model with intersectoral networks

## TEACHING EXPERIENCE

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### University of California, Los Angeles

California, United States

#### *Teaching Assistant*

- Macroeconomic Theory (Saki Bigio), Spring 2024
- Exchange Rate Forecast and Currency Portfolio Choice (Aaron Tornell), Fall 2022
- Econometric Theory (Manu Navjeevan), Summer 2022

## AWARDS

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#### *Dissertation Fellowship, Federal Reserve Board*

2024

#### *Dissertation Year Fellowship, UCLA*

2024

#### *Lewis L. Clark Data Collection Award, UCLA*

2024

#### *Doctoral Fellowships, Bank of Japan*

2019–2023

- Awarded Bank of Japan's full long-term scholarship for overseas Ph.D. studies in economics to cover both tuition and living expenses; awarded to only one or two employees per year

#### *Moriguchi Prize, Institute of Social and Economic Research at Osaka University*

2023

## REFeree

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The Review of Economics and Statistics

## SKILLS & QUALIFICATIONS

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- Languages: Japanese (native), English (fluent; TOEFL 107).
- Software: MATLAB, Dynare, Python and Stata.
  - Proficient in using these programming languages to build a wide range of dynamic macro models (from DSGE and heterogeneous agent models to large-scale macro models like FRBUS)