

# Koichi Miyazaki

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Citizenship: Japan

## Current Appointment

Professor of Economics, Hiroshima University, April 2020–present.

## Past Appointment

Professor of Economics, Kagawa University, April 2019–March 2020.

Associate Professor of Economics, Kagawa University, October 2014–March 2019.

Assistant Professor of Economics, National Taiwan University, August 2010–July 2014.

## Education

Ph.D. Economics, Pennsylvania State University, 2010.

*Dissertation:* "Essays on Public Economics".

*Committee:* E. Green, N. Wallace, R. Zhou, S. Tadigadapa.

M.A. Economics, University of Tokyo, 2003.

B.A. Economics, University of Tokyo, 2001.

## Research

### *Refereed Publications*

Life expectancy, fertility, and retirement in an endogenous-growth model with human capital accumulation, 2024, *Economic Modelling* 130, Article number 106572. Joint with H.-J. Chen and S.-C. Huang.

How the external knowledge stock affects the co-authorship formation? 2022, *Taiwan Economic Review* 51(3), 251–284. Joint with M. Lee, M.-H. Weng, and S.-L. Jang.

Comparison of educational subsidy schemes in an endogenous growth model. 2023, *FinanzArchiv/Public Finance Analysis* 79(1), 32–63.

Pay-as-you-go social security and educational subsidy in an overlapping generations model with endogenous fertility and endogenous retirement. 2022, *The B.E. Journal of Macroeconomics (Contributions)* 22(2), 787–820. Joint with H.-J. Chen.

Labor productivity, labor supply of the old, and economic growth. 2020, *Economics Bulletin* 40(1), 277–285. Joint with H.-J. Chen.

Optimal pay-as-you-go social security with endogenous retirement. 2019, *Macroeconomic Dynamics* 23(2), 870–887.

Fertility and labor supply of the old with pay-as-you-go pension and child allowances. 2018, *The B.E. Journal of Macroeconomics (Advances)* 18. Joint with H.-J. Chen.

Efficiency and lack of commitment in an overlapping generations model with endowment shocks. 2014, *The Japanese Economic Review* 65(4), 499–520.

The effects of the raising-the-official-pension-age policy in an overlapping generations economy. 2014, *Economics Letters* 123(3), 329–332.

Pay-as-you-go social security and endogenous fertility in a neoclassical growth model. 2013, *Journal of Population Economics* 26(3), 1233–1250.

Role of linking mechanisms in multitask agency with hidden information. 2010, *Journal of Economic Theory* 145(6), 2241–2259. Joint with H. Matsushima and N. Yagi.

### Working Papers

Efficiency-enhancing role of mandatory leave policy in a search-theoretic model of the labor market. 2023, MPRA Paper 116614, University Library of Munich, Germany.

A theory of optimal paid parental leave policies. 2021, MPRA Paper 109035, University Library of Munich, Germany.

Student loans, fertility, and economic growth. 2016, MPRA Paper 71604, University Library of Munich, Germany.

Fertility under exogenous borrowing constraints. 2016, The Institute of Economic Research Working Paper Series No. 201, Kagawa University.

### Awards and Grants

Japan Society for the Promotion of Science (Grant-in-Aid for Scientific Research (C), Theory and application of a model of paid parental leave policies, 22K01518), April 2022–March 2026.

Japan Society for the Promotion of Science (Grant-in-Aid for Scientific Research (C), Are Japan's child policies effective?, 19K01631), April 2019–March 2022.

Japan Society for the Promotion of Science (Grant-in-Aid for Young Scientists (B), Analysis of fertility behavior under incomplete financial markets, 16K17086), April 2016–March 2018.

National Science Council of Taiwan (Social security, retirement, and economic growth: A general equilibrium approach, Grant # : 102-2410-H-002-020), August 2013–July 2014.

National Science Council of Taiwan (Research on optimal taxation with commitment: Role of altruistic agents, Grant # : 100-2410-H-002-071-MY2), August 2011–July 2013.

National Science Council of Taiwan (Qualitative and quantitative analysis of social welfare in a stochastic overlapping generations model, Grant # : 99-2410-H-002-263), November 2010–October 2011.

Runner-up prize for 12th Moriguchi Prize, Osaka University Institute of Social and Economic Research, 2009.

CEMANO-COE Distinguished TA Award (Ph.D. Core Microeconomics), The University of Tokyo, 2005.

## Teaching

Undergraduate:

Hiroshima University: Macroeconomics 1, 2

Kagawa University: Pre-seminar, Introduction to Mathematics for Economics, Seminar, Macroeconomics

National Taiwan University: Intermediate Macroeconomics, Principles of Economics

Graduate:

Hiroshima University: Macroeconomic analysis

National Taiwan University: Ph.D. Core Macroeconomic Theory, Topics in Social Security System, Dynamic Public Finance

## Invited Seminars

2025: Osaka Metropolitan University

2019: Osaka University

2018: University of Tokyo, Osaka City University

2017: Kyoto University (CAPS), Kagawa University, DSGE Workshop

2016: Policy Modeling Workshop (GRIPS)

2014: National Taiwan University

2012: National Tsing-Hua University, National Chung Cheng University

2011: National Taipei University, National Taiwan University

2010: Academia Sinica, National Taiwan University

2009: Hitotsubashi University

## Conference Presentations

2025 International Conference of Public Economic Theory, Lisbon School of Economics & Management, Lisbon, Portugal, June 23–25, 2025.

2023 Japanese Economic Association Fall Meeting in Kansai University, September 2023.

2023 Econometric Society Australasian Meeting, University of New South Wales, Sydney, Australia, August 7–10, 2023.

2021 Asian meeting of the Econometric Society, Curtin University, Malaysia, June 25–27, 2021.

2020 Japanese Economic Association Spring Meeting in Kyushu University, May 2020.

75th Japan Institute of Public Finance, Kagawa, October 2018.

2017 Asian Meeting of the Econometric Society, Hong Kong, June 2017.

2016 Taipei International Conference on Growth, Trade and Dynamics, Academia Sinica, Taiwan, June 2016.

21st Computing in Economics and Finance (CEF2015), Taipei, June 2015.

The 4th World Congress of the Game Theory Society, Istanbul Bilgi University, July 2012.

Asian Meeting of the Econometric Society, Korea University, August 2011.

Econometric Society Australasian Meeting, University of Adelaide, July 2011.

Royal Economic Society Fifth PhD Presentation Meeting, City University London, UK, January 2010.

Midwest Economic Meetings, Economic Theory Fall 2009, Penn State University, US, November 2009.

Far East and South Asia Meeting of the Econometric Society, University of Tokyo, August 2009.

## Ph.D. Advising

Mateus Lee (National Taiwan University, Co-Chair)

## Departmental Services

Member of the International Academic Affairs Committee (National Taiwan University), Spring 2014.

Organizer, Money and Macroeconomics Seminar (National Taiwan University), Fall 2013.

## Professional Activities

Editorial services:

Editorial Board Member, *The Journal of Women and Economics* (Korea), April 2022–present

Referee for *Economic Modelling*, *Review of Development Economics*, *The Journal of Economics of Ageing*, *Asian-Pacific Economic Literature*, *Journal of Pension Economics and Finance*, *Macroeconomic Dynamics*, *The B.E. Journal of Economic Analysis and Policy*, *International Economic Review*, *Oxford Economic Papers*, *Review of Economic Dynamics*, *Review of Urban and Regional Development Studies*, *Journal of Macroeconomics*, *Bulletin of Economic Research*, *Japanese Economic Review*, *Pacific Economic Review*, *Journal of Population Economics*, *Taiwan Economic Review*, *Asia-Pacific Journal of Accounting & Economics*, *Economics Bulletin*

Last updated: August 19, 2025