
MASAHIRO YOSHIDA

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Last updated: May 8, 2026

EDUCATION

- 2020 **Ph.D. in Economics** (*May 2020*)
Department of Economics, Washington University in St. Louis
Scholar, McDonnell International Scholars Academy
Thesis: *Essays on Automation and Political Economy*
Advisors: George-Levi Gayle (*Chair*), Alexander Monge-Naranjo
- 2016 *M.A. in Economics*, Washington University in St. Louis
- 2014 *M.A. in Economics*, the University of Tokyo, Advisor: Michihiro Kandori
- 2010 *B.A. in Economics*, the University of Tokyo

EMPLOYMENT

- Sep.2020-present *Associate professor* (tenure track; U.S. equivalent of Assistant Professor), Faculty of Political Science and Economics, Waseda University
- 2013 *Research Assistant* for Michal Fabinger, the University of Tokyo
- 2010-11 *Business Analyst*, Strategy Group, Management Consulting, Accenture, Tokyo

RESEARCH INTERESTS

Labor economics, Applied microeconomics
(key words: technological change, climate change, demographic change)

PUBLICATIONS

- Deadline Credibility and Trade Efficiency** (*International Journal of Game Theory*, 2026)
- Using a Soft Deadline to Counter Monopoly** (*Journal of Industrial Economics*, 2025)

WORKING PAPERS

- Climate Change and the Decline of Labor Share** with Xincheng Qiu (*Revise & Resubmit (2nd round) at American Economic Journal: Macroeconomics*) IZA working paper
- Climate Change and the Rise of Adult Male Dropouts** (*Reject & Resubmit at Journal of Labor Economics*) SSRN paper

Climate Change and Unemployment Dynamics: Evidence from US Counties with W. Similan Rujiwat-
tanapong (*Under Review*)

Immigration, Robots and American Life paper

Immigration, Automation and the U.S. Cities: A Task-based Framework for Welfare Analysis
(*PhD Dissertation*)

WORK IN PROGRESS

Climate Change and the Growth of Disability Rolls with Shuhei Kaneko

Climate Change and the Demise of Marriage of the Millennials slides

Singularity, Seniority and Productivity: Evidence from Japanese Chess Hierarchy with Hideo Owan

NON-REFEREED PUBLICATIONS

Global warming fuels unemployment rate in summer (*Open Access Government, 2026*)

Climate change reduced the labour share in the 21st Century (*Open Access Government, 2025*)

Climate change and the rise of adult male dropouts (*Open Access Government, 2025*)

The impact of the introduction of industrial robots on workplace injury risk and mortality (*Impact, 2025*)

CONFERENCE AND SEMINARS

- 2026 Japanese Economic Association Spring Conference (upcoming)
- 2025 Waseda (empirical); Kansai Labor Economics Workshop (APIR); Econometric Society World Congress (Seoul)
- 2024 Keio (applied micro); Sophia; Tokyo Labor Economics Workshop; Japanese Economic Association Spring Conference; Waseda (empirical); Trans Pacific Labor Seminars (U.C. Santa Barbara); Japanese Economic Association Fall Meeting; Economic Society Australiasian Meeting (Monash)
- 2023 Waseda (applied micro); Kyoto (applied micro); Hitotsubashi (Trade and Urban); GRIPS (empirical micro); Kyoto (Urban)
- 2020 Waseda University; National University of Singapore (NUS) Business School; NUS Lee Kuan Yew School of Public Policy; Rice University; Hong Kong University of Science and Technology, Business School
- 2019 Econometric Society European Winter Meeting, the Erasmus University, Rotterdam; Urban Economic Association Conference, Federal Reserve Bank of Philadelphia, Philadelphia; Dissertation Competition, McDonnell Academy, Washington University, St. Louis
- 2018 NBER Young Scholars Workshop on the Economics of Artificial Intelligence, the University of Toronto, Toronto
- 2018 Urban Economic Association Conference, Columbia University, New York
- 2015 Midwest Economic Theory Conference, Ohio State University, Columbus

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- 2014 Japanese Economic Association Conference (poster), Kyoto
2013 Osaka (Applied Micro Workshop); Asian Leaders Forum Workshop

RESEARCH GRANT

- 2026–28 Grants-in-Aid for Scientific Research (KAKENHI) for Young Scientists from Japan Society for Promotion of Science
2026–28 Research Grants from All Japan Banking (Zengin) Foundation for Studies on Economics and Finance
2024–25 Special project grant from Waseda Univ.
2023–25 Grants-in-Aid for Scientific Research (KAKENHI) for Young Scientists from Japan Society for Promotion of Science
2023 Early career grant from Waseda Univ.
2022 Special project grant from Waseda Univ.

TEACHING EXPERIENCES

- Sep. 2020-present Population Economics (Labor Economics) at undergraduate level (English programs 2020–2025Fall; Japanese programs 2021–2026Spring)
Sep. 2020-present Population Economics (Labor Economics) at graduate level (2020–2022Fall, 2023–2026Spring)
Apr. 2022-present Causal inference for applied micro economics (2022Spring, 2023–2024Fall)
Apr. 2023-present Intermediate Seminar on causal inference (2023Spring, 2024Fall)
Sep. 2020-present Basic Seminar (for college freshmen; 2020–2023Fall; Japanese programs 2024–2026Spring)
Sep. 2020-Jul. 2022 Academic Literacy Seminar (2020Fall, 2021–2022Spring)
2018 TA for Health Economics (undergraduate), *for Grace Johnson*
2018 TA for Introductory Microeconomics (undergraduate), *for Brian Rogers*
2013 TA for International Trade (graduate, the University of Tokyo) *for Michal Fabinger*
2013 TA for Game Theory (graduate and undergraduate, the University of Tokyo) *for Akihiko Matsui*

BOOKS

- 2014 “Methodology for Group Collaboration” (website link in Japanese), East Economics Press 2023, Chinese, Shandong Friendship Publishing House
2010 “Case Studies for Problem Solving” (website link in Japanese) with Atsushige Kimoto, East Economics Press 2016, Taiwanese, Sanren Press 2023, Chinese, Post Wave Publishing Consulting

2009 "Introduction to the Fermi Estimation" (website link in Japanese) with Shunsuke Wakita, East Economics Press
2011, Korean, Eiji Press 2016, Taiwanese, Sanren Press 2022, Chinese, Post Wave Publishing Consulting

SCHOLARSHIP

Fall 2019 Dissertation year fellowship from Washington University

Sep. 2014-Aug. 2019 Scholarship from McDonnell International Scholars Academy

Jul. 2014-Jun. 2019 Nakajima Memorial International Scholarship

REFeree SERVICE

referee: *Journal of Labor Economics*, Waseda Dissertation Competition, Azusa Ono Memorial Award

COMMUNITY SERVICE

Sep. 2020-present *Co-organizer*, Applied micro workshop at Waseda with Yuta Toyama, Shinichiro Besho, Makoto Fukumoto, Haruko Noguchi, Hideo Owan

Apr. 2021-present *Co-organizer*, Ph.D. workshop at Waseda

mentees: Ritsu Kitagawa (2021Spring), Yijie Tao (2021Fall), Aline Mortha (2022Spring), Yayue Xiao (2022Fall), Haonan Li, Pengsheng Zhao (2023Spring / Fall), Ruiqi Tang (2024Spring), Yayue Xiao (2024Fall), Takanobu Toshikawa, Luxin Zhang (2025Spring), Amadu Jalloh, Yuki Kanno (2025Fall)

Dec. 2022 invited lecture, Nakajima Memorial International Scholarship

2013 *Co-organizer*, Brown Bag Workshop, with Michal Fabinger, the University of Tokyo

REFERENCE SERVICE

Students: Yeonjoo Kim (2022), Mingtong Yang (2022), Taiki Makino (2023), Young Zhu (2024), Yu-hsiang Lien (2025)

PROGRAMMING SKILLS

Proficient: R, LaTeX

Knowledge: Stata, Julia, Python, Amazon Web Service

LANGUAGES

English (fluent), Japanese (native)

REFERENCES

George-Levi Gayle (Primary advisor)
Department of Economics
Washington University in St. Louis
St. Louis, MO 63130
ggayle@wustl.edu

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Research Division
Federal Reserve Bank of St. Louis
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