

Takako Fujiwara-Greve

Professor, Department of Economics, Keio University

2-15-45 Mita, Minatoku, Tokyo 108-8345 JAPAN | +81 3-5427-1295 | tgreve@keio.jp |

https://web.econ.keio.ac.jp/staff/takakofg/takakohp_e.html

Google Site: <https://sites.google.com/view/takakofg>

Research Interests

Game Theory and Microeconomics.

Education

B.A IN ECONOMICS | MARCH 1986 | KEIO UNIVERSITY (TOKYO, JAPAN)

Valedictorian of the Department of Economics

M.A. IN ECONOMICS | MARCH 1988 | KEIO UNIVERSITY, GRADUATE SCHOOL OF ECONOMICS (TOKYO, JAPAN)

PH. D IN ECONOMIC ANALYSIS AND POLICY | SEPTEMBER 1995 | STANFORD UNIVERSITY, GRADUATE SCHOOL OF BUSINESS (CALIFORNIA, U.S.A)

Dissertation Committee: David Kreps (Chair), D. John Roberts, Faruk Gul (Princeton University)

Academic Honors

April 2024-March 2029 JSPS Grant-in-Aid for Scientific Research (B)

June 2018-March 2023 Nippon Steel and University of Tokyo (Mathematics Dept.) Research Grant

December 2022 Graeme Woodbridge Prize (Joint with Yosuke Yasuda. Asia Pacific Industrial Organization Conference)

April 2016-March 2022 (extended) JSPS Grant-in-Aid for Scientific Research (B)

April 2012-March 2016 JSPS Grant-in-Aid for Scientific Research (B)

November 2009 Gijuku Prize (Keio University)

April 2009-March 2012 JSPS Grant-in-Aid for Scientific Research (C)

April 2007-March 2009 JSPS Grant-in-Aid for Scientific Research (C)

April 2001-March 2003 JSPS Grant-in-Aid for Scientific Research (C)

April 1999-March 2001 Japan Ministry of Education Research Grant

April 1997-March 1999 Japan Ministry of Education Research Grant

April 1995-March 1996 Mitsubishi Seimeikai Research Grant

Fall 1990-Spring 1993 Chiles Foundation Scholarship

Fall 1990-Spring 1992 Fulbright Scholarship (All-expense Category)

Publication

Christopher Graser, Takako Fujiwara-Greve, Julián García, and Matthijs van Veelen. 2025. "[Repeated games with partner choice](#)" *PLOS Computational Biology*, 21(2): e1012810. doi.org/10.1371/journal.pcbi.1012810.

Takako Fujiwara-Greve 2025. "Evolutionary Instability of Cooperation towards Strangers in Voluntary Partnerships." 2025 *Econometric Society World Congress paper*.

<https://www.econometricsociety.org/event/papers/view/282/808>

- Shuma Tanaka and Takako Fujiwara-Greve. 2024. "[2023 Econometric Society Asian School in Economic Theory \(2\)](#)" (in Japanese) *Mita Gakkai Zasshi*, 117(1), 109-118.
- Hiroyuki Komatsu and Takako Fujiwara-Greve. 2023. "[2023 Econometric Society Asian School in Economic Theory \(1\)](#)" (in Japanese) *Mita Gakkai Zasshi*, 116(3), 311-323.
- Takako Fujiwara-Greve and Toru Hokari. 2023. "[Farsighted Clustering with Group-Size Effects and Reputations](#)" *Dynamic Games and Applications*, 13, 610-635. doi.org/10.1007/s13235-022-00472-w
- Takako Fujiwara-Greve and Carsten Krabbe Nielsen. 2021. "[Algorithms may not learn to play a unique Nash equilibrium.](#)" *Journal of Computational Social Science*, 4(2), 839-850. doi.org/10.1007/s42001-021-00109-9
- Takako Fujiwara-Greve and Hitoshi Mitsuhashi. 2020. "Innovation by Mathematics: Model-driven Innovation and Implications for the Future of Japanese Corporations." (in Japanese) *Hitotsubashi Business Review*, Summer, 82-95.
- Takako Fujiwara-Greve, Henrich R. Greve, and Stefan Jonsson. 2016. "[Asymmetry of Customer Loss and Recovery under Endogenous Partnerships: Theory and Evidence.](#)" *International Economic Review*, February 57(1), 3-30.
- Takako Fujiwara-Greve, Masahiro Okuno-Fujiwara, and Nobue Suzuki. 2015. "[Efficiency may improve when defectors exist.](#)" *Economic Theory*, November 60(3), 423-460.
- Takako Fujiwara-Greve, Masahiro Okuno-Fujiwara, and Nobue Suzuki. 2012. "[Voluntarily Separable Repeated Prisoner's Dilemma with Reference Letters.](#)" *Games and Economic Behavior*, March, 74(2), 504-516.
- Stefan Jonsson, Henrich R. Greve, and Takako Fujiwara-Greve. 2009. "[Undeserved Loss: The Spread of Legitimacy Loss to Innocent Organizations in Response to Reported Corporate Deviance.](#)" *Administrative Science Quarterly*, 54(2), 195-228.
- Takako Fujiwara-Greve and Masahiro Okuno-Fujiwara. 2009. "[Voluntarily Separable Repeated Prisoner's Dilemma.](#)" *Review of Economic Studies*, 76(3), 993-1021.
- Takako Fujiwara-Greve. 2008. "[On Stochastic Acceptance and Gradual Cooperation in Voluntarily Repeated Prisoner's Dilemma with No Information Flow](#)". *Mita Gakkai Zasshi* (in Japanese), 101(3): 69-93.
- Masahiro Okuno-Fujiwara, Takako Fujiwara-Greve, and Nobue Suzuki. 2007. "Role of Information in a Society based upon Voluntarily Repeatable Prisoner's Dilemma." *The Economic Review of Komazawa University* (in Japanese), 39(1): 35-49.
- Masahiro Okuno-Fujiwara, Takako Fujiwara-Greve, and Nobue Suzuki. 2007. "Social Norms and Voluntary Cooperation." *Keizai Kenkyu* (in Japanese), 58(2): 110-121.
- Takako Fujiwara-Greve, and Carsten Krabbe Nielsen. 2005. "[Learning to Coordinate with Heterogeneous Belief-Formation.](#)" *Rivista Internazionale di Scienze Sociali*, CXIII(3): 413-437.
- Takako Fujiwara-Greve, and Henrich R. Greve. 2004. "[The Role of Expectation on Job Search and Firm Size Effect on Wages](#)". *Japanese Economic Review*, 55(1): 56-85.
- Henrich R. Greve, and Takako Fujiwara-Greve. 2003. "[Job Search with Organizational Size as a Signal.](#)" *Social Forces*, 82(2): 643-669.

Takako Fujiwara-Greve. 2002. "On Voluntary and Repeatable Partnerships under No Information Flow." [Proceedings of the 2002 North American Summer Meetings of the Econometric Society](#).

Takako Fujiwara-Greve. 2000. "Efficiency of Voluntary Partnerships with No Information Flow." *Mita Gakkai Zasshi* (in Japanese), 93(3): 3-9.

Takako Fujiwara-Greve, and Henrich R. Greve. 2000. "[Organizational Ecology and Job Mobility](#)." *Social Forces*, 79(2): 547-568.

Takako Fujiwara-Greve. 1998. "Repeated Games with Outside Offers: A Characterization of Nash Punishment Equilibria." *Mita Gakkai Zasshi* (in Japanese), 91(1): 86-96.

Takako Fujiwara-Greve. 1996. "Timing of Reward with Endogenous Quits: Uniform Distribution Case." *Mita Gakkai Zasshi* (in Japanese), 89(1): 42-55.

Takako Fujiwara-Greve. 1995. "Feasibility and Strategy-proofness of Class Assignment Rules." *Mita Gakkai Zasshi* (in Japanese), 88(1): 75-85.

Takako Fujiwara. 1988. "[Collective Choice Rules and Bargaining Solutions](#)". *Keio Economic Studies*, 25(1): 39-49.

Books

Mashiro Okuno-Fujiwara and Takako Fujiwara-Greve. 2025. [A Game Theoretic Analysis of Voluntary Relationships](#) (in Japanese). Keiso Shobo. ISBN 978-4-326-50515-9.

Takako Fujiwara-Greve. 2015. [Non-Cooperative Game Theory](#). Springer. ISBN 978-4-431-55644-2.

Takako Fujiwara-Greve. 2011. [Non-Cooperative Game Theory](#) (in Japanese). Chisen Shokan. ISBN 978-4-86285-107-9.

Manuscripts (after 2011)

Takako Fujiwara-Greve, Yoko Kawada, Yuta Nakamura, and Noriaki Okamoto. 2025. "Accountable Voting." SSRN: <https://ssrn.com/abstract=5387281>

Takako Fujiwara-Greve. 2024. "Evolutionary Instability of Cooperation towards Strangers in Voluntary Partnerships." Manuscript. Keio University. [SSRN 4976933](#)

Takako Fujiwara-Greve, Naoko Nishimura, Masahiro Okuno-Fujiwara, and Nobue Suzuki. 2023. "Voluntary Partnerships and Cooperation: An Experimental Study." SSRN: <https://ssrn.com/abstract=4521316>: [Online Appendix](#).

Takako Fujiwara-Greve and Yosuke Yasuda. 2022. "Inspecting Cartels over Time: with and without Leniency Program." SSRN: <https://ssrn.com/abstract=4063062> Graeme Woodbridge Prize winner

Takako Fujiwara-Greve, Yoko Kawada, Yuta Nakamura, and Noriaki Okamoto. 2021. "Accountable Voting: Impossibility and an Analysis of Concrete Rules." SSRN: <https://ssrn.com/abstract=3786674>

Takako Fujiwara-Greve and Yosuke Yasuda. 2021. "Terminate to Cooperate: Repeated Games in Self-Sustained Communities." SSRN: <https://ssrn.com/abstract=3879767>

Takako Fujiwara-Greve and Masahiro Okuno-Fujiwara. 2019. "Tolerance and Behavioral Diversity." Manuscript. Keio University.

Takako Fujiwara-Greve and Masahiro Okuno-Fujiwara. 2019. "On Evolutionary Stability of the Fundamentally Asymmetric Equilibrium." Manuscript. Keio University.

Takako Fujiwara-Greve and Yosuke Yasuda. 2019. "The Folk Theorem in Repeated Games with Endogenous Termination." Manuscript. Keio University and Osaka University. [SSRN 3267427](#)

Takako Fujiwara-Greve and Masahiro Okuno-Fujiwara. 2013. "Diverse Behavior Patterns in a Symmetric Society with Voluntary Partnerships." Manuscript. Keio University and Musashino University. [SSRN 2343119](#)

Takako Fujiwara-Greve and Yosuke Yasuda. 2011. "Repeated Cooperation with Outside Options." Manuscript. Keio University and GRIPS. [SSRN 1092359](#).

Yosuke Yasuda and Takako Fujiwara-Greve. 2012. "Collusion under Payoff Fluctuations." Manuscript. GRIPS and Keio University. [SSRN 1420822](#).

Refereeing Journals

Econometrica, Journal of Economic Theory, American Economic Review, Games and Economic Behavior, International Journal of Game Theory, Economic Theory, Journal of Public Economic Theory, Social Choice and Welfare, European Economic Review, Journal of Economic Behavior and Organization, International Journal of Economic Theory.

Employment

April 2007 - present: Professor, Department of Economics, Keio University, Tokyo, JAPAN

April 2015 – September 2015: Visiting Professor, KIER, Kyoto University, Kyoto, JAPAN

August 2002 – October 2004: Associate Professor, Department of Economics, Norwegian School of Management BI

April 1995 - March 2007: Associate Professor, Department of Economics, Keio University, Tokyo, JAPAN

September 1994 - March 1995: Assistant Professor, Department of Economics, Keio University, Tokyo, JAPAN

April 1989 - September 1994: Research Associate, Department of Economics, Keio University, Tokyo, JAPAN

Teaching Experience

Undergraduate: Game Theory, Introduction to Microeconomics, Intermediate Microeconomics, Applied Microeconomics, Public Economics, Mathematics for Economics

Graduate: Advanced Game Theory, Applied Microeconomics (MBA), Seminar on Microeconomics, Seminar on Mathematics for Economics

(As of January 19, 2026)