

JONATHAN NEWTON

ECONOMIST & GAME THEORIST

Current position:

Associate Professor, Institute of Economic Research, Kyoto University.

TEACHING & PROFESSIONAL

2018-	Associate Professor, Institute of Economic Research, Kyoto University.
2016-17	Overseas Research Affiliate, School of Economics, University of Sydney.
2011-16	Lecturer, School of Economics, University of Sydney.
2009-11	College Lecturer, Fellow & Director of Undergraduate Studies of St. Edmund's College.
2008-11	Bye-Fellow, Downing College.
2004-5	Auditor, Deloitte & Touche LLP

RESEARCH INTERESTS

- > Evolutionary Game Theory
- > Coalitional Behaviour
- > Social Learning & Networks
- > Strategic Information Transmission

*The shared intentions agenda studies **collective agency and social structure**. See the project page at: sharedintentions.net*

EDUCATION

2011	PhD Economics, University of Cambridge
Thesis title	Essays on coalitional behaviour, social learning & strategic information transmission.
Advisor	<i>Robert Evans</i>
2006	MSc Economics, Birkbeck College London (Distinction)
2005	Part-Qualified Accountant, ACA
2004	BSc Mathematics, University College London (1st class)

CONTACT

*Institute of Economic Research,
Kyoto University,
Yoshida-honmachi,
Sakyo-ku,
Kyoto 606-8501
Japan*

jcsnewton@gmail.com

www.jonathannewton.net

WhatsApp: +61 414 1717 40

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JOURNAL ARTICLES

- i) [Coalitional Stochastic Stability](#), **Games & Economic Behavior** (2012).
- ii) [Recontracting and stochastic stability](#), **Journal of Economic Theory** (2012).
- iii) [Cheap talk and editorial control](#), **BE Journal of Theoretical Economics** (2014).
- iv) [A one-shot deviation principle for stability in matching problems](#), **Journal of Economic Theory** (2015), lead article. *Coauthored with Ryoji Sawa.*
- v) [Coalitions, tipping points and the speed of evolution](#), **Journal of Economic Theory** (2015). *Coauthored with Simon Angus.*
- vi) [Is it a norm to favour your own group?](#), **Experimental Economics** (2015). *Coauthored with D.Harris, B.Herrmann, A.Kontoleon.*
- vii) [Stochastic stability on general state spaces](#), **Journal of Mathematical Economics** (2015).
- viii) [Emergence of shared intentionality is coupled to the advance of cumulative culture](#), **PLOS – Computational Biology** (2015). *Coauthored with Simon Angus.*
- ix) [Stochastic stability in assignment problems](#), **Journal of Mathematical Economics** (2016). *Coauthored with Bettina Klaus.*
- x) [Payoff dependent dynamics and coordination games](#), **Economic Theory** (2017). *Coauthored with Sung-Ha Hwang.*
- xi) [The preferences of Homo Moralis are unstable under evolving assortativity](#), **International Journal of Game Theory** (2017).
- xii) [Shared intentions: the evolution of collaboration](#), **Games & Economic Behavior** (2017).
- xiii) [Heterogeneity in preferences and behavior in threshold models](#), **Journal of Mechanism and Institution Design** (2017). *Coauthored with Philip Neary.*
- xiv) [Conventional contracts, intentional behavior and logit choice: equality without symmetry](#), **Games & Economic Behavior** (2018). *Coauthored with Sung-Ha Hwang, Wooyoung Lim, Philip Neary.*
- xv) [Evolutionary game theory: a renaissance](#), **Games** (2018).
- xvi) [Agency Equilibrium](#), **Games** (2019).
- xvii) [Risk attitudes and risk dominance in the long run](#), **Games & Economic Behavior** (2019). *Coauthored with Heinrich Nax.*

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REVIEWS FOR AMERICAN MATHEMATICAL SOCIETY

- [The spread of cooperative strategies on grids with random asynchronous updating](#), **Internet Math** (2017), Duffy & Janssen.
- [College admissions with entrance exams: centralized versus decentralized](#), **Journal of Economic Theory** (2018), Hafalir, Hakimov, Kubler & Kurino.
- [Mutually best matches](#), **Mathematical Social Sciences** (2018), Salonen & Salonen.
- [Finding a stable matching under type specific minimum quotas](#), **Journal of Economic Theory** (2018), Tomoeda.
- [Strategy-proofness of worker-optimal matching with continuously transferable utility](#), **Games & Economic Behavior** (2018), Jagadeesan, Kominers, Rheingans-Yoo.
- [Gaming the deferred acceptance when message spaces are restricted](#), **Mathematical Social Sciences** (2018), Marutani.

OTHER PAPERS

- [Watercooler chat, organizational structure and corporate culture](#), *Coauthored with Andrew Wait, Simon Angus.*
- [Agency, potential and contagion](#), *Coauthored with Damian Sercombe.*
- [Conventions and heterogeneous choice rules.](#)
- [Intentions and game theory.](#)
- [Limitations of network games – a brief discussion](#)

GRANTS

Discovery Early Career Researcher Award (awarded by Australian Research Council).

“Bank regulation: the implications of interconnectedness and adaptive behaviour.”

Value : \$ 368,777

Duration: 2013-15

INVITED TALKS & CONFERENCES.

A list of invited talks is available [here](#).

I have also carried out extended visits to University of Oxford, University of Lausanne, University of Kyoto (before I decided to move here) and Monash University.

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OTHER INFORMATION

Languages: Intermediate level French & Spanish and learning Japanese.

Software: Capable with Microsoft Office, Mathematica, MatLab.

Fun: Used to debate and be heavily involved in politics, hence decent public speaking and lecturing skills.

Completed NVQ course in full body massage, 2000.

The outdoors, hiking, trail running, gym training, coffee, writing and reading, especially fiction and philosophy.