

JONATHAN NEWTON

ECONOMIST & GAME THEORIST

Current position:

Independent researcher.

TEACHING & PROFESSIONAL

2016-17	Overseas Research Affiliate, School of Economics, University of Sydney
2016	Visiting Research Scholar, Kyoto Institute of Economic Research.
2011-16	Lecturer, School of Economics, University of Sydney.
Courses taught	Microeconomics (undergraduate and graduate). Game Theory.
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

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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** (2016). *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).

OTHER PAPERS

- [Watercooler chat, organizational structure and corporate culture](#), *Coauthored with Andrew Wait, Simon Angus.*
- [Conventional contracts, intentional behavior and logit choice: equality without symmetry](#), *Coauthored with S-H. Hwang, W. Lim, P. Neary.*
- [Agency, potential and contagion](#), *Coauthored with Damian Sercombe.*
- [Intentions and game theory.](#)
- [Agency equilibrium.](#)
- [Limitations of network games – a brief discussion](#)

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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

PROFESSIONAL DUTIES

Seminar coordinator, 2012 & 2013 academic years.

INVITED TALKS.

The evolution of shared intentions, *University of Edinburgh (2014), University of Oxford (2014), University of Cologne (2014), University of Bielefeld (2014), ANU (2015), Monash University (2015), University of Aizu (2015), Kyoto University(2015), Keio University (2015), University of Tokyo (2015), Hitotsubashi University (2015), UNSW (2016), UTS (2016), HKUST (2016), University of Surrey (2017).*

A one shot deviation principle for stability in matching problems, *University of Adelaide (2013), Queen Mary, University of London (2013), Birkbeck College, University of London (2013), University of Oxford (Games and Learning Group, 2013), Royal Holloway, University of London (2014), University of Essex (2014), University of York (2014).*

Coalitions, tipping points & the speed of evolution, *ANU (2013), Seoul National University (2013), Sogang University (2013), University of Zurich (2013), University of Lausanne (2013), McGill University (2012), Cornell University (2012), Boston University (2012), University of Melbourne (2012), UNSW (2012).*

Stochastic stability on general state spaces, *UTS (2012).*

Coalitional perturbations and their consequences, *University of Oxford (Games and Learning Group, 2012).*

Coalitional stochastic stability, *Birkbeck College, University of London (2011), University of Queensland (2011), University of Sydney (2011), National University of Singapore (2011), Nanyang Technological University (2011), University of Colorado, Boulder (2011), University of Liverpool (2010).*

OTHER ACADEMIC SOJOURNS.

Visiting fellow, University of Oxford, October 2013.

Visitor, University of Lausanne, February 2013.

OTHER INFORMATION

Languages: Intermediate level French & Spanish and learning Chinese.

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.