

# JONATHAN NEWTON

## ECONOMIST & GAME THEORIST

### Current position:

Lecturer, School of Economics, University of Sydney (*equivalent to Assistant Professor tenure track*).

### Goal:

Produce high quality research for publication in world ranking journals.

## TEACHING & PROFESSIONAL

2011-	<b>Lecturer, School of Economics, University of Sydney.</b>
2009-11	<b>College Lecturer, Fellow &amp; Director of Undergraduate Studies of St. Edmund's College.</b>
2008-11	<b>Bye-Fellow, Downing College.</b>
Courses taught	<b>Microeconomics and maths courses in all years of the undergraduate tripos.</b>
2004-5	<b>Auditor, Deloitte &amp; Touche LLP</b>

## RESEARCH INTERESTS

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

*I am currently thinking about matching, coalitional behaviour on networks, and the microstructural implications of recent economic policy.*

## EDUCATION

2011	<b>PhD Economics, University of Cambridge</b>
Thesis title	<b>Essays on coalitional behaviour, social learning &amp; strategic information transmission.</b>
Advisor + referees	<i>Robert Evans S. Goyal, C. Harris, D. Myatt</i>
2006	<b>MSc Economics, Birkbeck College London (Distinction)</b>
2005	<b>Part-Qualified Accountant, ACA</b>
2004	<b>BSc Mathematics, University College London (1<sup>st</sup> class)</b>

## CONTACT

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University of Sydney  
NSW 2006, Australia

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## ECONOMIST & GAME THEORIST

### PAPERS

#### Evolution & joint strategic switching:

- i) [Coalitional Stochastic Stability](#)  
(Games & Economic Behavior, 2012)
- ii) [Recontracting and stochastic stability](#)  
(Journal of Economic Theory, 2012)

#### Strategic information transmission:

- iii) [Cheap talk and editorial control](#)  
(BE Journal of Theoretical Economics, 2014)

#### Technical:

- iv) [Stochastic stability on general state spaces](#)  
(R&R, Journal of Mathematical Economics)

#### Networks:

- v) [Limitations of network games – a brief discussion](#)
- vi) [Coalitions, tipping points and the speed of evolution](#)  
*Coauthored with Simon Angus.*  
(R&R, Journal of Economic Theory)

#### Matching:

- vii) [A one-shot deviation principle for stability in matching problems](#)  
*Coauthored with Ryoji Sawa.*  
(Accepted, Journal of Economic Theory)
- viii) [Stochastic stability in assignment problems](#)  
*Coauthored with Bettina Klaus.*  
(R&R, Economic Theory)

#### Bargaining:

- ix) [A classification of bargaining solutions by evolutionary origin](#)  
*Coauthored with Sung-Ha Hwang.*

#### Experimental:

- x) [Is it a norm to favour your own group?](#)  
*Coauthored with D.Harris, B.Herrmann, A.Kontoleon.*  
(Forthcoming, Experimental Economics)

### 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 co-coordinator, 2012 & 2013 academic years.

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## ECONOMIST & GAME THEORIST

### INVITED TALKS.

**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).*

**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

Mountaineering, hiking, running, gym training, photography, writing, and reading, especially fiction and philosophy.

Personal Web: [www.jonathannewton.net](http://www.jonathannewton.net)