

# 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 new models of R&D races, trade on networks with incomplete information 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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### PAPERS

#### Evolution & joint strategic switching:

- i) [Coalitional Stochastic Stability](#)  
(accepted at Games & Economic Behavior)
- ii) [Recontracting and stochastic stability](#)  
(Journal of Economic Theory, 2012)
- iii) [Stochastic stability on uncountable & unbounded state spaces](#)

#### Strategic information transmission:

- iv) [Cheap talk: veto power over information flows](#)

#### Networks:

- v) Coalitional behaviour & the provision of public goods on networks  
[defunct – main result now implied by a proposition in (i) ]
- vi) [Note on the limitations of network games](#)
- vii) Note on local interaction, coalitions and time to convergence

Abstracts and some papers available at personal webpage linked below.

### OTHER INFORMATION

Languages: Intermediate level French & Spanish and learning Chinese.

Software: Capable with Microsoft Office, Mathematica, MatLab.

Seminars: Presented at conferences in USA, Singapore, China & across Europe and also to invited seminars in USA, Australia, Singapore & UK.

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)