John Barrdear

CONTACT INFORMATION

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EDUCATION

(ongoing)	Ph.D. in Economics	London School of Economics
2008	M.Res. in Economics	London School of Economics
2007	M.Sc. in Economics (Distinction)	London School of Economics
2006	P.G.Dipl. in Economics (Distinction)	London School of Economics
1998	B. of Computer Systems Engineering (Honours IIA)	University of Queensland

TEACHING EXPERIENCE

2011 – 2012	Macroeconomics for M.Sc. students (EC413) – postgraduate	London School of Economics
2010 – 2011	Macroeconomics for M.Sc. students (EC413) – postgraduate	London School of Economics
2010 – 2011	Pre-sessional mathematics course (EC400) – postgraduate	London School of Economics
2009 – 2010	Mathematical Economics (EC319) – undergraduate	London School of Economics
2008 – 2009	Economics B (EC102) – undergraduate	London School of Economics
2007 – 2008	Economics B (EC102) – undergraduate	London School of Economics
1997	Digital circuit design – undergraduate	University of Queensland

HONOURS, SCHOLARSHIPS AND FELLOWSHIPS

2010 –	LSE Fellow in Economics
2008 – 2010	E.S.R.C. Studentship
1994	Old Johnians Association Prize (St. John's College, U.Q.) for academic excellence
1993 – 1997	Gowrie Scholarship

RESEARCH IN PROGRESS

"**Networks and Inflation: A learning-based microfoundation of cost-push shocks**"

This paper presents a model of price setting wherein firms partially inform their decisions by watching price changes by other firms across an observation network. Within a context of imperfect common knowledge and for a wide range of plausible and commonly observed network structures, idiosyncratic shocks are shown to not "wash out" in aggregate prices. These aggregate effects are also shown to be persistent despite the underlying idiosyncratic shocks being entirely transitory. The model is therefore able to explain a variety of recently documented stylised facts regarding price setting, including the observation that short-lived price changes appear to contain macroeconomic content. The paper also presents a general, readily implementable solution to Bayesian learning over an opaque social network,

with the effects of network learning on aggregate expectations able to be simulated without the need to explicitly model the network.

"**Advertising and Identity**" (with Matthew Skellern)

We present a model of consumer optimisation when individuals are associated with a *group identity* and have imperfect beliefs regarding the preferences of an "ideal" member of their group.

"**Trade liberalisation, wage inequality and cross-occupation skill imbalances**"

This paper proposes a model that, focusing on the imperfect transfer of skill across occupations, is able to explain trade or investment liberalisation-induced increases in inequality independently of technological change or capital flows. It identifies imbalances in skill across occupations as a potential source of rent-seeking behaviour and predicts that when this occurs, firms may choose to employ highly trained individuals to fill roles with both high and low education requirements.

EMPLOYMENT HISTORY

July 2011 – Sep 2011 **PhD Intern** Monetary Assessment and Strategy Division (MASD) **Bank of England** Threadneedle Street London EC2R 8AH UK	A three month internship in MASD, within the broader Monetary Analysis department. I implemented a panel VAR estimator in Stata, extending the earlier work of Inessa Love (2006), for application in a Bank-internal research project.
Sep 2010 – (ongoing) **LSE Fellow in Economics** Economics Department **London School of Economics** Houghton Street London WC2A 2AE UK	As a fellow of the university, I have teaching responsibilities for post-graduate students and I act as academic adviser to a number of under-graduate students.
Sep 2007 – Aug 2010 **Graduate Teaching Assistant** Economics Department **London School of Economics** Houghton Street London WC2A 2AE UK	I worked as a teaching assistant for the Economics department at the London School of Economics for three years.
Oct 2002 – May 2008: **Director** **Barrdear Ltd** 4 Klara Court 130 Haverstock Road London NW3 2AY UK	After moving to England in the second half of 2002, I ran a small contracting company, providing business and technical consulting services to major infrastructure companies. My principle client was **Network Rail**, to whom we provided expertise in Mincom's Ellipse solution during installation and in subsequent application support. Services provided include large-scale data conversion, technical back-end support and the development of custom, client-side applications for the bulk manipulation and analysis of their data. In 2008 we worked with **Scottish Water** to provide a technical resource to assist in the design and development of their hand-held solution We have also provided developers to **National Grid Transco** and **Scottish Water** to provide custom applications utilising Mincom's **Connector/BOC** technology.
Jan 1999 – Mar 2002: **Senior Technical Consultant**	Mincom is Australia's largest commercial software developer and specialises in enterprise systems for asset-intensive industries. Their flagship product, *Mincom Ellipse*, is a fully-integrated enterprise resource management solution including maintenance

Business Technologies APAC Technical Services **Mincom Ltd** Mincom Central Building Ann Street Brisbane QLD 4000 Australia	and operations, materials, finance, human resources and payroll. They have over 1,000 employees in 18 offices in 12 countries world-wide. I was employed by Mincom in the Asia-Pacific Technical Services group, a highly flexible department specialising in custom software development, technical analysis and planning, technical implementation and emergency IT support. I worked actively with over a dozen clients with wide-ranging roles, including systems analysis and software design, software development, database and systems administration, detailed data analysis and data conversion, team leadership/project management and business consulting. My development work was written variously in **Java**, **Delphi**, **Cobol** and a number of in-house custom languages, all with a strong focus on N-tier, object-oriented design. I worked extensively with **Oracle**, **MS Access** and **SQL Server** and had exposure to administration of **Citrix** and various **Win32** and **Unix** platforms, particularly **Solaris** and **AIX**. Major projects included: ❑ January 2002 – March 2002: I worked as a developer on the *Mincom Axis* project, a hosted, Java-based Business-to-Business integration solution. ❑ September 2000 – February 2001: I spent six months at the Kwajalein missile testing range in the Marshall Islands, coordinating and leading an 8-person team converting several years of legacy data from five separate systems into Mincom Ellipse for the U.S. Army. ❑ January 2000 – April 2000: I was posted to Bali, Indonesia for four months as the lead programmer and technical specialist/architect to guide and assist the offshore development (outsourcing) of a major software project for an Australian state department. ❑ May 1999 – October 1999: I spent six months as a senior programmer within a team of 12 on a large MIMS/Ellipse implementation, involving over 100 custom developments, including data conversion, legacy system interfaces, reports, and adjustments to the core product. Final four months were spent on-site in Hong Kong. I covered all major areas of enterprise management, with specific time spent on Contracts Administration, Accounts Payable/Receivable, General Ledger, Purchasing and Supply, Inventory (Warehouse) Management, Asset Management and Maintenance Scheduling.

REFEREES

A list of referees is available upon request.