

---

## Dr Marco G. Ercolani

*Curriculum Vitae*

September 2014

Department of Economics  
J.G. Smith Building  
Birmingham Business School  
University of Birmingham  
Edgbaston, B15 2TT  
United Kingdom  
[m.g.ercolani@bham.ac.uk](mailto:m.g.ercolani@bham.ac.uk)

---

### University Education:

PhD in Economics    University of Essex    1999 'Price uncertainty, investment and consumption'  
MA in Econometrics    University of Essex    1992  
BA in Economics    University of Sussex    1991

### Academic Employment:

Lecturer, Department of Economics, University of Birmingham. 2002 to the present.

Lecturer, Department of Economics, University of Essex. Jan. 2001 to 2002.

Senior Research Officer, Institute for Labour Research, University of Essex. 1996 to Dec. 2000.

Research Officer and Teaching Associate, Department of Economics, Royal Holloway, University of London. 1995 to 1996.

Teaching Assistant, Department of Economics, University of Essex. 1992 to 1995.

---

### RESEARCH:

I am an applied econometrician. I work on a range of socio-economic problems with particular focus on issues in labour markets, health, ageing and education. Often the work involves the analysis of individual-level datasets with many thousands of observations but sometimes the focus is more on the research methodology. Most of all, I enjoy working with colleagues on challenging topics of economic and social interest.

### Peer Reviewed Publications:

(Authors listed in alphabetical order imply equal contribution)

1. Albornoz F., Cole M.A., Elliott R.J.R. and Ercolani M.G. (2014). "The Environmental Actions of Firms: Examining the Role of Spillovers, Networks and Absorptive Capacity" *Journal of Environmental Management*. vol.146, pp.150-162. Short url: <http://goo.gl/prlALk>
2. Ercolani M.G. and Ercolani J.S. (2014) "Watching the watchmen: A statistical analysis of mark consistency across taught modules" *International Review of Economics Education*, doi: 10.1016/j.iree.2014.05.001. Short url: <http://goo.gl/oJb7Hy>
3. Carmichael F. and Ercolani M.G. (2014) "Age-training gaps in the EU", *Ageing and Society*, doi:10.1017/S0144686X12000852, vol. 34, no. 01, pp. 129-156. Short url: <http://goo.gl/rpDbsg>
4. Carmichael F. and Ercolani M.G. (2013) "Overlooked and undervalued: the caring contribution of older people", *International Journal of Social Economics*, vol.41, no.5, pp. 397-419. doi: 10.1108/IJSE-02-2012-0046. Short url: <http://goo.gl/axZXkg>

5. Ercolani M.G. and Wei Z. (2011) “An Empirical Analysis of China's Dualistic Economic Development: 1965–2009”, *Asian Economic Papers*, vol.10, no.3, pp.1-29.  
Short url: <http://goo.gl/oSKSlv>
6. Ercolani M.G. (2010) “Transitional inflation changes with the adoption of the euro: aggregate and disaggregate sector evidence”, *Journal of Economic Policy Reform*, vol.13, no.2 pp. 137-157. Short url: <http://goo.gl/u0PtSw>
7. Alborno F., Cole M.A., Elliott R.J.R. and Ercolani M.G. (2009) “In Search of Environmental Spillovers”. *The World Economy*, vol.32, no.1, pp.136-163. Short url: <http://goo.gl/ccunDI>
8. Ercolani M.G. (2007). “Hidden Economies and the Socially Optimal Fiscal-Tax to Liquidity-Tax Ratio” *Economics*, no.6. Short url: <http://goo.gl/cnpQU3>
9. Barmby T.A., Ercolani M.G. and Treble J.G. (2004). “Sickness Absence in the UK: 1984-2002.”, *Swedish Economic Policy Review*, vol. 11, no.1. Short url: <http://goo.gl/1S2AIx>
10. Ercolani, M.G. (2004). “Risk Aversion and Risk Loving in the Small: A decomposition of the Multivariate Risk Premium”, *Bulletin of Economic Research*, vol. 56, no.1.  
Short url: <http://goo.gl/MePtKS>
11. Barmby T.A., Ercolani, M.G. and Treble J.G. (2002). “Sickness Absence: An International Comparison”, *The Economic Journal*, vol.112, no.480, pp.315-331. Short url: <http://goo.gl/A3bUXd>
12. Barmby T.A., Ercolani, M.G. and Treble J.G. (1999). “Sickness absence in Great Britain: new quarterly and annual series from the GHS and LFS, 1971-1997”, *Labour Market Trends*.
13. [Book chapter] Wei Z., Ercolani M.G. and Hao R. (2012), “Understanding China’s Dualism Economic Growth over 1965-2009” Chapter 4 in Cai Fang, Yang Tao and Huang Yiping (eds.), *Has China Passed through the Lewis Turning Point?* Beijing: Social Sciences Academic Press of China. (in Chinese)
14. [Book chapter] Ercolani, M.G. and Dutta J. (2007) “The impact of the Euro changeover on inflation: Evidence from the Harmonised Index of Consumer Prices.”, Chapter 10 in *The Travails of the Eurozone*, edited by David Cobham, University of Edinburgh.

#### **Papers under submission and resubmission:**

1. Marco Ercolani M.G., Olmo J. and Pouliot W. “Are They All Just Lucky: Time Variation in the Cross-Section of Mutual Fund Returns?”, *Journal of Banking and Finance*, submitted.
2. Alborno F. and Ercolani M.G. “Learning-by-exporting: do firm characteristics matter? Evidence from Argentinean panel data”, *Journal of Development Studies*, revise and resubmit.
3. Carmichael F. and Ercolani M.G. “Explaining age-training gaps in the European Union: 2004-2010”, *International Journal of Human Resource Management*, submitted.
4. [Book chapter] Ercolani M.G. “Economics for the eager: Why study economics in the UK?”, revise and resubmit.

#### **Work in progress:**

1. “The lifetime cost of borrowing to invest in a medical degree for English Students” with Ravinder Vohra (Queen Elizabeth Hospital).
2. “The UK Disability and Discrimination Act 2005: Consequences for the educational choices and employment outcomes among older children” with Emiliya Lazarova (University of East Anglia)

3. “Intended and actual choices of ‘hard’ and ‘soft’ subjects: attainment, gender and schools” with Peter Davies (Centre for Higher Education Equity and Access, University of Birmingham)
4. “Intentions and outcomes in school subject choices” with Peter Davies (Centre for Higher Education Equity and Access, University of Birmingham)
5. “Watching the Watchmen II: a statistical analysis of the dispersion of marks within taught modules” with Joanne Ercolani (University of Birmingham)
6. “Unpaid informal caring, childcare responsibilities and employment participation over the long haul” with Fiona Carmichael (University of Birmingham)
7. “Understanding the North-South differences in UK employees’ sickness absence rates: a Blinder-Oaxaca decomposition” with Tim A. Barmby (University of Aberdeen)
8. [Book] An introduction to time-series regression analysis: theory and applications using EViews, Gretl, R-project and Stata.

#### **Book reviews:**

1. Ercolani, M. (2004), Panel Data Econometrics: Advanced Texts in Econometrics, by Manuel Arellano. *The Economic Journal*, 114:F558–F559. doi:10.1111/j.1468-0297.2004.00258\_13.x  
Short url: <http://goo.gl/QTXkJF>
2. Ercolani, M. G. (2004), Essays in Panel Data Econometrics by Marc Nerlove, *The Economic Journal*, 114: F340–F341. doi: 10.1111/j.1468-0297.2004.00226\_5.x,  
Short url: <http://goo.gl/oUjFgc>
3. Ercolani, M. G. (2004), Discrete Choice Methods with Simulation, by Kenneth E. Train *The Economic Journal*, vol. 114.

Confidential book reviews for:  
Oxford University Press,  
Palgrave,  
MacMillan.

#### **Non Peer-Reviewed Publications:**

1. Johnson D., Ercolani M.G. and Mackie P. (2014) “Buses and the Economy II - Task 3 Report”, University of Leeds, Institute for Transport Studies.
2. Johnson D., Ercolani M.G. and Mackie P. (2013) “Buses and the Economy II - Task 2 Report”, University of Leeds, Institute for Transport Studies.
3. Carmichael F., Ercolani M.G., Kang L., Maimaiti Y., O’Mahony M, Peng F., Robinson C. (2010) “Education, Training and Productivity” Report for European Commission, Enterprise and Industry.
4. Ercolani, M.G. (2010) “SAVE9: Stata module to save dataset in Stata 9 format,” Statistical Software Components S457269, Boston College Department of Economics.  
<http://econpapers.repec.org/software/bocbocode/s457269.htm>  
<http://ideas.repec.org/c/boc/bocode/s457269.html>

#### **Awards and Grants:**

European Union Seventh Research Framework Programme (FP7). “SERVICEGAP: The Impact of Service Sector Innovation and Internationalisation on Growth and Productivity”.  
[www.servicegap.org](http://www.servicegap.org) . Leader: Professor Mary O’Mahony (University of Birmingham), total

grant €3,105,514, November 2010 to January 2013.

My contribution was on part of Work Package 5 (Policy Analysis).

European Union Seventh Research Framework Programme (FP7). Project title: “Health at Work”. [www.abdn.ac.uk/haw](http://www.abdn.ac.uk/haw), Leader: Professor Ioannis Theodossiou, (University of Aberdeen), total grant €1,046,445, October 2008 to January 2012, My component of the grant €26,400.

Research Services for the European Commission, DG Enterprise and Industry. Leader: Professor Mary O’Mahony (University of Birmingham), total grant of €128,400. February to May 2009. My component of the grant €5,250.

European Community Training and Mobility of Researchers Grant for residency and research at CEPS/INSTEAD. [www.ceps.lu](http://www.ceps.lu). July 1999.

ESRC scholarship for PhD study. October 1992 to September 1995.

European Social Fund Scholarship for MA Econometrics study. October 1991 to September 1992.

### **Invited Conference presentations:**

Low Pay Commission - The National Minimum Wage: Eight Years on Conference “Does Raising the Pay for Low-wage Workers Reduce Their Rate of Sickness Absence? Evidence from the Impact of Minimum Wage Legislation.” 2006

Money, Macro & Finance Research Group, Edinburgh. “The impact of the Euro changeover on inflation: Evidence from the Harmonized Index of Consumer Prices.” 2006

Health and Safety Executive and Office for National Statistics Business Data-Linking Workshop, London. “Sickness Absence in the UK 1984-2005”. 2006

Economic Council of Sweden/Swedish Economic Policy Review, Oslo. “Sickness absence – diagnoses and cures.” 2003

### **External Presentations:**

Work, Pensions and Labour Economics Study Group (WPEG) Conference “The lifetime cost of borrowing to invest in a medical degree for English Students”, 2014.

Beyond Wages workshop on Human Capital, British Academy, London, “Understanding the North-South divide in UK employees’ sickness absence”, 2013.

Scottish Economic Society Conference, Perth. “Understanding the lower training rates of older workers and non-workers in the EU: Fairlie-Blinder-Oaxaca decompositions” 2012.

Health at Work PF7 Conference, Berlin School of Economics and Law. “On the computation of sickness absence rates and confidence bands using micro data.” 2011.

Scottish Economic Society Conference, Perth. “Understanding the North-South divide in UK employees’ sickness absence: a Blinder-Oaxaca decomposition” 2011.

Health at Work PF7 Conference, Università Cattolica, Milan, “Understanding the North-South divide in UK employees’ sickness absence: a Blinder-Oaxaca decomposition” 2010.

Firms and Markets Workshop, University of Aberdeen, “Watching the Watchmen: Analysing the consistency of module marks using fixed effects regression” 2010

FP7 Health at Work project, University of Aberdeen. “How to construct sickness absence rates using national Labour Force Surveys.” 2008

Birmingham Econometrics Research Group Conference (organiser and presenter) “Advances in Applied UK Labour Econometrics” 2006

- European Society of Population Economics, Athens. “Modelling Workers’ Sickness Absence using UK Survey Data.” 2001
- Education and Employment Economics Group, “Socio-economic aspects of sickness absence in Britain.” 2001
- Education and Employment Economics Group “The impact of Jobseekers’ allowance on women's labour market participation.” 2000
- European Association of Labour Economists, Regensburg “Using the Labour Force Surveys to construct an absence rate series for Britain.” 1999
- European Society of Population Economics, Amsterdam. “The labour force participation of women married to unemployed men: is there an added worker effect in Britain?” 1999
- European Society of Population Economics, University of Essex. “The polarisation of work in Britain: Dynamic Aspects, 1991-1995.” 1999
- European Society of Population Economics, Turin University. “The impact of price fluctuations on consumers’ welfare, an analysis using the Price Augmented Risk Premium.” 1998

**Article referee reports for:**

*Ageing and Society,*  
*Bulletin of Economic Research,*  
*Economica,*  
*Economics Bulletin,*  
*Economic Modelling,*  
*Empirica,*  
*Industrial Relations,*  
*International Review of Applied Economics,*  
*International Review of Economics Education,*  
*Journal of Economic Policy Reform,*  
*Journal of European Integration,*  
*Journal of Population Economics,*  
*Journal of the Royal Statistical Society–Series A,*

*Labour Economics,*  
*Manchester School,*  
*Oxford Bulletin of Economics and Statistics,*  
*Scandinavian Journal of Economics,*  
*Scottish Journal of Political Economy,*  
*Studies in Higher Education*

**Consultancies:**

- External reviewer on the Fit for Work Service Evaluation for the Department for Work and Pensions and the Department of Health, 2010.
- Advisor to the Social Sciences and Humanities Research Council of Canada, 2006.
- Expert for the Belgian Office for Scientific, Technical and Cultural Affairs, 2002.

**Miscellanea:**

- Statistical use: E-Views, Gauss, Gretl, Limdep, Microfit, Rats, SPSS, PSPP, R, Stata.
- Editing use: Excel, HTML, LaTeX, LibreOffice, Word.
- Database knowledge.
- British Household Panel Survey.
  - General Household Survey.
  - IMF International Financial Statistics.
  - Labour Force Surveys - EU.
  - Labour Force Surveys - UK.
  - Office for National Statistics - Macroeconomic Series.
  - Penn World Tables.

Sport England – Active People Survey  
Understanding Society (BHPS successor)  
World Bank - World Development Data.

“Climate Change: Challenges and solutions” (Statement of Participation, 2014) FutureLearn 8-week online course

---

## **TEACHING, ADMINISTRATION AND EXTERNAL APPOINTMENTS:**

I have taught a variety of topics during my career. Throughout this time, I have taught introductory mathematical economics, in some form, to first year undergraduates. I find teaching mathematics to these students very rewarding because the scope for seeing improvement in their understanding is vast. I also teach labour econometrics to third year undergraduates and this is interesting because we address topical issues such as gender and race discrimination. Furthermore, I teach time-series econometrics to PhD students and practitioners, and the notes from this course are now evolving into a textbook.

### **Undergraduate Teaching (current):**

Labour Econometrics (third year).  
Mathematical/Quantitative Methods (first year).  
BSc dissertation supervision.

### **Undergraduate Teaching (past):**

Econometric Methods (second and third year).  
Macroeconomics (second year).  
Microeconomics (second year).

### **Graduate Teaching:**

MSc dissertation supervision.  
Time Series Analysis and Regression (PhD level).

### **Completed PhD supervisions:**

Dr Min Tan (2013, 1st superv.) “Regime switching behaviour of the UK equity risk premium” Now at the University of York, Health Sciences  
Dr I. Wira Kusuma (2013, 2nd superv.) “Inflation dynamics in selected Asian countries”  
Now at Bank Indonesia, head of forecasting division  
Dr Zheng Annie Wei (2009, 1st superv.) “Demographics and economic growth in China”  
Now at the Australian National University, Crawford School of Public Policy

### **Current PhD supervisions:**

Mr Kai ‘Willy’ Huang (minor revisions, due November 2014) “Comparing the working patterns of older people to those of younger people: static and dynamic empirical analyses in selected economies.” Now Lecturer at the Hong Kong Institute of Education, Department of Asian and Policy Studies.

Ms Cansu Unver “The Economics of Migration”

Mr Marios Demetriades “Research funding and academic research productivity: A principal-agent approach”

**Administrative Roles:**

Senior Tutor for 967 Undergraduate Students in Economics. Responsible for ensuring all 36 academic staff maintain their tutoring role with respect to undergraduate students, for pursuing absent students, co-ordinating with student representatives, dealing with student complaints and liaising with the affected staff. In our ‘Workload Model’ credit is not given for the number of tutees so I have established a general principle of equalising the number of tutees per academic member of staff, with temporary reduced loads for new colleagues.

**External Appointments:**

External Examiner, Department of Economics, University of Essex, (2012 to 2014)

Instructor, Her Majesty’s Treasury: Economics Statistics module in Cross Section and Panel Data (2013)

External Assessor for the Quinquennial Review of the University of Buckingham (2013)

Instructor, Essex Summer School in Social Science Data Analysis: Introduction to Time Series Regression Analysis (2002 to 2013)

External Assessor, Business School, University of Aberdeen (2012)

International Assessment Board Member to the Government of Ireland Postgraduate Scholarships for the Irish Research Council for Humanities and Social Sciences. (2011 and 2008)

PhD Examiner, University of Essex (2010, 2011)

PhD Examiner, University of Aberdeen (2009)

Assessor to the Government of Ireland Postgraduate Scholarships for the Irish Research Council for Humanities and Social Sciences. (2008)

**REFEREES:**

At the University of Birmingham:

**Professor Alessandra Guariglia** (Head of Department)

Department of Economics  
University of Birmingham  
Edgbaston, B15 2TT  
[a.guariglia@bham.ac.uk](mailto:a.guariglia@bham.ac.uk)

**Professor Fiona Carmichael**

Birmingham Business School  
University of Birmingham  
Edgbaston, B15 2TT  
[f.carmichael@bham.ac.uk](mailto:f.carmichael@bham.ac.uk)

At other Universities:

**Mr Roy E. Bailey M.B.E.**

Department of Economics  
University of Essex  
Wivenhoe Park, CO4 3SQ  
[rbailey@essex.ac.uk](mailto:rbailey@essex.ac.uk)

**Professor Tim A. Barmby**

Business School,  
University of Aberdeen  
Edward Wright Building, Dunbar Street  
Old Aberdeen, AB24 3QY  
[tim.barmby@abdn.ac.uk](mailto:tim.barmby@abdn.ac.uk)

**Professor Peter J.N. Sinclair**

Brasenose College  
(please forward to home address)  
Radcliffe Square  
Oxford  
OX1 4AJ  
[Preferred method of contact:]  
[Peter.Sinclair@bankofengland.co.uk](mailto:Peter.Sinclair@bankofengland.co.uk)  
[P.J.N.Sinclair@bham.ac.uk](mailto:P.J.N.Sinclair@bham.ac.uk)