

REVIEW OF RESEARCH 2014

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ABOUT THE ESRI



The Economic Research Institute was established in 1960 by a group of senior academics and public servants, led by Dr T.K. Whitaker. He identified the need for independent research to support economic policymaking in Ireland, and persuaded the Ford Foundation to provide seed funding for its establishment. The statistician, Dr R.C. Geary was appointed as its first Director.

Over 50 years later, the Institute's importance in providing authoritative research to inform public policy is widely recognised. This public good role is supported by an annual grant-in-aid from the Department of Public Expenditure and Reform; the grant has accounted for an average of 30 per cent of the Institute's income over the lifetime of the last *Research Strategy*. Most of the remaining funds needed to support the research of the ESRI comes from research programmes in partnership with government agencies and departments, commissioned research projects mostly by public bodies and competitive research programmes (e.g. EU Framework programmes, Irish Research Council, Health Research Board, Science Foundation Ireland). Membership subscriptions, subscriptions to the *Quarterly Economic Commentary* and philanthropic gifts also contribute to the Institute's income.

The ESRI is a company limited by guarantee, answerable to its Members and governed by a Council made up of interested individuals drawn from the academic, public and private sectors. The Institute's constitution stresses its independence, and the practice is to publish all research that reaches an appropriate academic standard.

Further information is available at www.esri.ie

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June 2014


Annual Monitoring Report on **INTEGRATION 2013**



Equality Research Series

Winners And Losers?
The Equality Impact of the Great Recession in Ireland

Francesa McConrath, Helen Russell, Dorothy Walsby,
Gillian Kingston & Elish Kelly




€ **Financing SMEs in Recovery:
Evidence for Irish Policy Options**

October 2014

Martina Lawless, Conor M. O'Toole and Derek Lambert


An Roinn Airgeadais
Department of Finance



Equality Research Series

Gender Impact of Tax and Benefit Changes
A Microsimulation Approach




Claire Keane, Tim Callan & John R. Walsh



**Towards Earlier Discharge,
Better Outcomes, Lower Cost:
Stroke Rehabilitation in Ireland**

September 2014

Report prepared for the Irish Heart Foundation
by the Economic and Social Research Institute (ESRI)
and the Royal College of Surgeons in Ireland (RCSI)

**THE ORGANISATION OF RECEPTION
FACILITIES FOR ASYLUM SEEKERS
IN IRELAND**

Corona Joyce
Emma Quinn

February 2014

EMN
European Migration Network

EMN Ireland | www.emn.ie



Growing Up in Ireland
National Longitudinal Study of Children

**MATERNAL HEALTH BEHAVIOURS
AND CHILD GROWTH IN INFANCY**

INFANT COHORT

REPORT 4




**Leaving School in Ireland:
A Longitudinal Study of
Post-School Transitions**

Selina McCoy, Emer Smyth, Dorothy Watson,
Merike Darmody

**RESEARCH SERIES
NUMBER 36**

August 2014

LST
Leaving School in Ireland




**Understanding
Special Class Provision
in Ireland**

Phase 1 - Findings from a National Survey of Schools

Selina McCoy, Joanne Banks, Denise Frawley and Dorothy Watson
Economic and Social Research Institute
and
Michael Shevlin and Fiona Smyth
Trinity College Dublin

A JOINT RESEARCH REPORT FROM THE NATIONAL COUNCIL FOR SPECIAL EDUCATION
AND THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE

ncse
National Council for Special Education



**THE IMPORTANCE OF CORPORATION TAX POLICY IN
THE LOCATION CHOICES OF MULTINATIONAL FIRMS**

Part of the Economic Impact Assessment of Ireland's Corporation Tax Policy
OCTOBER 2014

**%
TAX POLICY**


An Roinn Airgeadais
Department of Finance



**Quarterly Economic
Commentary**

David Duffy
John FitzGerald
Kevin Timoney
David Byrne

Spring 2014



INTRODUCTION

It has been heartening to see the economic recovery which started to take hold in 2013 really strengthening in 2014. All the signs are that there will be strong growth in 2015 and 2016 – and indeed a challenge now facing government is to make sure that the economy’s growth path remains sustainable. Unemployment still remains at a high level, and this can only be tackled by policy which creates a supportive environment for new and expanding businesses - these are key to generating new sustainable jobs.

Nonetheless, Ireland’s external environment remains somewhat uncertain, with several countries in the Euro Area facing fiscal challenges. Ireland is exceptional in the speed at which it has reduced its fiscal deficit. There is still a large public debt, and equally important is the private debt overhang, both in the business and household sectors. The weaker Euro is helping to support Ireland’s export drive, offsetting the lower growth rates in the Euro Area countries. The UK’s possible exit from the European Union is another source of uncertainty – the prevailing Irish viewpoint is that it would be better for Ireland if the UK were to remain in the EU. Should there be a UK exit, the extent of its impact on Ireland will depend on the arrangements put in place post-exit. Its impact on the island of Ireland would undoubtedly be negative, both in economic and social terms.

In 2014 the Institute began to implement its new research strategy. Housing, energy, enterprise development, education, health-care financing, social inclusion and integration, and behavioural economics are among the areas prioritised for research in the period up to 2018. The new strategy sees the Institute continuing to monitor and analyse the processes of economic recovery and the associated social changes, particularly their distributional effects. The research focuses on the key challenges facing policymakers and economic agents, especially in relation to education and training and to health, where there are severe budgetary challenges.

The strategy also sees the Institute developing new programmes of research with a number of government departments and agencies, and these are identified in the relevant research areas in the following sections of this report. Page 5 sets out some of the research highlights from 2014.

In 2014 ESRI researchers published 73 journal articles, 10 book chapters and 35 reports, in addition to 9 Research Notes and 6 Special Articles published with the *Quarterly Economic Commentaries*. Summaries of research published in international journals were featured in 18 ESRI Research Bulletins and work in progress was disseminated in 21 ESRI Working Papers.

The first phase of the *Growing Up in Ireland* project came to a close in 2014 having collected five sweeps of data on two cohorts of children since 2007. The Institute and Trinity College were successful in tendering for the second phase, which will survey the older cohort as they reach 17 and 20 years of age, and the younger cohort at 7 and 9 years of age. Data from the survey are now being used extensively by policymakers and researchers across Ireland and beyond.

Since this is the final report of my tenure as Director, I want to acknowledge the great privilege it has been to have led an institution whose independence and excellence gives it a very special responsibility in the Irish economic and social landscape. The respect for its independence in the public service and in the Oireachtas allows the ESRI to provide a very special window into Irish society, and contribute an unbiased evidence base for policy. I believe that much of this respect has been earned by the exceptional quality of the research and policy papers produced by ESRI researchers. Finally I want to thank all of the staff for their support and hard work during a period of exceptional challenge for the Institute, as it has been for the country. The commitment of ESRI researchers to produce objective and high-quality evidence to inform policy is total.



A handwritten signature in cursive script that reads "Frances Ruane".

Professor Frances Ruane, Director of the ESRI
May 2015



Clockwise, From Top Left:

Minister for Justice and Equality, Frances Fitzgerald TD, with Cllr Edmond Lukusa, Dr Frances McGinnity and Mr Killian Forde at the launch of the *Annual Monitoring Report on Integration*;

Dr Edgar Morgenroth speaking to the Six One News live from Whitaker Square;

Minister Simon Harris meeting with Drs Conor O'Toole and Martina Lawless at the ESRI Conference 'Financing SMEs in the Recovery';

Secretary General of the Department of Public Expenditure and Reform, Mr Robert Watt, presents a letter to Professor John FitzGerald thanking him for his service on the occasion of his retirement;

Governor of the Central Bank, Professor Patrick Honohan presenting at the ESRI conference 'Understanding the Macroeconomy'.



SOME RESEARCH HIGHLIGHTS IN 2014

- A new real-time database of economic indicators was developed which enabled the adoption of the increasingly popular “nowcasting” methodology in order to generate more timely estimates of domestic economic activity.
- A first version was completed of the new ESRI macro model, COSMO, being developed under a joint research programme with the Central Bank of Ireland.
- Research on housing, funded by NAMA and the Banking and Payments Federation Ireland, has estimated the demand for residential housing over the medium term and where this demand might be located.
- Research funded by the Department of Finance sought to quantify the effect of corporate tax rates across Europe in determining where multinational firms set up new subsidiaries. This effect was found to be substantial, particularly for firms in the financial sector.
- Research on building energy ratings (BER) found that, across all fuel types, each point move along the BER scale is associated with an average of 1.6% change in household energy expenditure.
- Research linking census data on broadband adoption to information on the spatial profile of service availability shows that local growth in service take-up rises above the national average immediately after the service is offered, then declines towards the national average, reaching it in just under four years.
- ESRI researchers used data from *The Irish Longitudinal Study on Ageing* (TILDA) in 2014 to explore a range of issues in the lives of Ireland’s older people. One strand of this research looked at the impact on older people’s economic circumstances of having been a victim of childhood sexual abuse (CSA). The analysis showed that the impact of CSA is long-lasting, with the affected group being more likely to be out of the labour force over 30 years after the abuse occurred.
- The final phase of the *Leaving School in Ireland* study was completed. It provided important insights into the factors influencing post-school pathways as well as on the experience of transition to further and higher education. In collaboration with researchers in the Labour Market area, a comprehensive study of the nature of further education and training (FET) provision in Ireland was published.
- Direct analysis of the household survey data (the CSO’s Survey on Income and Living Conditions – SILC) found that the average real income of the poorest 10 per cent of households fell much more sharply than that of all other groups over the 2008 to 2012 period. Middle income positions were put under pressure, but the pressure was more severe for those in low income positions.
- Research based on *Growing up in Ireland* found that among 9-year-olds school disaffection was associated with a number of personal and institutional factors. Higher levels of disengagement were found for boys and children from more disadvantaged backgrounds, with special educational needs, with poorer relationships with their teachers, as well as among those attending schools with inadequate resources, including teacher numbers.
- Economic evaluations of palliative care and stroke rehabilitation in Ireland, funded respectively by The Atlantic Philanthropies and The Irish Heart Foundation/Health Service Executive, provided estimates of the costs and effectiveness of alternative models of care.
- Research examining household responses to smart metering, which is pertinent to the roll-out of the National Smart Metering Programme (NSMP), found that while the smart metering trial helped reduce electricity demand, it is effective because it acts as a reminder and motivator, rather than as an educational aid.
- The first phase of the GUI Survey was successfully completed and the survey data are now a major part of the Irish statistical infrastructure on children.

ESRI CONFERENCES AND SEMINARS IN 2014

In addition to **Data Workshops** and **Media Briefings**, the ESRI also holds a number of **Research and Policy Seminars** and **Conferences** annually to examine key research topics. These events are open to the public, normally free of charge, and often in conjunction with the release of a publication.

CONFERENCES

Budget Perspectives 2015, June.

ESRI - UCC Energy Research Workshop, June.

Earlier Discharge, Better Outcomes, Lower Cost? a New Way to Deliver Health Care in Ireland – the Example of Stroke Rehabilitation, September.

Disability Through the Lifecourse, September.

Financing SMEs in Recovery, September.

ESRI Annual Geary Lecture: “Austerity, the Public Sector and the Threat to Gender Equality”, October.

Leaving School in Ireland: Post-School Transitions and Policy, November.

Growing Up in Ireland Annual Conference, November.

EMN Ireland / UNHCR Ireland Conference: Protection of Unaccompanied Minors and Separated Children in Ireland and Europe, November.

SEMINARS

“Does the Changing Nature of Innovation Require a Change in European Competition Policy?”, January, Paul Seabright, University of Toulouse.

“The Diversity and Dilemmas of Europe’s Capitalisms”, February, Sean Ó Riain, NUI Maynooth.

“Access to Finance for Growth for SMEs: a North/South Perspective”, February, Eoin Magennis, Aidan Gough, InterTradelreland.

“How Nord Pool Works, and its Relevance to the Irish System”, February, Mr. Odd Håkon Hoelsæter.

“Do Higher Corporate Taxes Reduce Wages? Micro Evidence from Germany”, March, Professor Andreas Peichl, The Centre for European Economic Research (ZEW).

“Transparency and Communication Within the Federal Open Market Committee: a Computational Linguistics Approach”, March, Dr Michael McMahon, University of Warwick.

“The Link Between the Early Life Environment and Allostatic Load: Evidence of Biological Embedding Over the Lifecourse”, March, Dr Michelle Kelly-Irving, Université Paul Sabatier, Toulouse.

“Regulatory Policy and Behavioural Economics: What’s Happening in OECD Countries?”, April, **Pete Lunn**.

“Trends in Household Economic Stress and the Great Recession in Ireland”, April, **Bertrand Maître, Helen Russell, Christopher T. Whelan***.

“Devolution and Geographies of Education: the Use of the Millennium Cohort Study for ‘Home International’ Comparisons Across the UK”, May, Professor Chris Taylor, Cardiff University.

“Tax Without Design – Recent Developments in UK Tax Policy”, May, Professor Paul Johnson, Institute for Fiscal Studies.

“Children of International Migrants in Europe”, June, Professor Roger Penn, Queen’s University, Belfast.

“Gluttony and Sloth: Long-Run Changes in Bodyweight, Diet and Activity”, July, Dr Melanie Lührmann, Royal Holloway University of London.

“The Use of Cost-Effectiveness Thresholds As Decision Rules for the Adoption of New Health Technologies: the Experience in Ireland and Abroad”, September, James O’Mahony (TCD).

“Using Linked Datasets to Estimate the Causal Effect of Physical Activity on Health”, June, Dr Brenda Gannon, University of Manchester.

“Social Mobility and Cultural Omnivores”, November, Professor Tak Wing Chan, University of Oxford.

“The Impact of Childhood Adversity Across the Life Course: Challenges for Policy Makers and Professionals”, December, Trevor Spratt, Trinity College Dublin.

ESRI CONFERENCES AND SEMINARS IN 2014



Clockwise, From Top Left: Professor Anne Hickey and Dr Frances Horgan (RCSI) ; A panel discussion at 'Financing SMEs in Recovery'; Professor Alan Barrett presents to the conference 'Understanding the Macroeconomy'; Dr Frances McGinnity, Professor Jill Rubery (University of Manchester) and Professor Frances Ruane with a portrait of Dr RC Geary, in advance of the annual Geary lecture; Ms Eithne FitzGerald (National Disability Authority) speaking at 'Disability through the Lifecourse'; Professor Liz Thomas (Edge Hill University), Professor Frances Ruane, Dr Selina McCoy and Professor Emer Smyth at the 'Leaving School in Ireland' conference.

MACROECONOMICS

Research Area Coordinators: Kieran McQuinn and Martina Lawless

Others working in this area include: Adele Bergin, David Byrne, Niall Conroy, David Duffy, John FitzGerald, Petra Gerlach-Kristen, Niall Mc Inerney, Rossana Merola, Edgar Morgenroth, Ciara Morley, Brian O'Connell, Conor O'Toole and Iulia Siedschlag.

The wide-ranging remit of the Macroeconomic research area is to examine the major issues affecting the performance of the Irish economy. Regular assessments of economic developments, consumer and business sentiment, and forecasts of key economic indicators are central components of this programme.

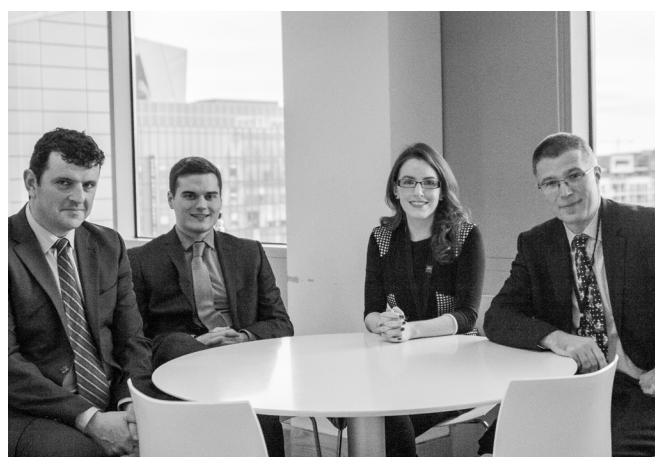
ESRI forecasts and policy analysis are supported by macroeconomic models of the Irish economy and 2014 saw the continued development and maintenance of a number of models. The development of some of these models is part of a programme funded by the **Central Bank of Ireland**. A key component of this work was the development of a new macro-econometric model of the Irish economy which included a financial sector component. This enhanced macroeconomic modelling toolkit will be used to further explore the likely medium-term impact of the crisis on the Irish economy. In addition, a new real-time database of economic indicators was developed which enabled the adoption of the increasingly popular "nowcasting" methodology in order to generate more timely estimates of domestic economic activity.

The outlook for credit and its impact on the broader economy was a central theme of research in 2014. Developments in the housing market were examined under a research programme funded by the **National Asset Management Agency** and the **Irish Banking Federation**. Research in this area estimated the extent of negative equity and generated forecasts of the impact of projected population change on housing demand at the county level. Work also addressed the sustainability of recent price movements in the housing market as well as the relationship between household debt and consumption.

Credit markets were also a central feature of a research programme on the financing sources available to small and medium enterprises (SMEs), funded by the **Department of Finance**.

This research evaluated the funding requirements for SMEs in recovery, the ongoing negative effects of debt overhang on some small firms following the crisis and examined policy options to encourage the development of a more diversified range of financing sources. SME finance was also the topic of a research project funded by **InterTradeIreland**, which found noticeable improvements in credit access for firms across Ireland as the economy improved in 2014.

The attractiveness of Ireland as a location for foreign direct investment has been a major contributor to economic success for many years. Research funded by the **Department of Finance** sought to quantify the effect of corporate tax rates across Europe in determining where multinational firms set up new subsidiaries. This effect was found to be substantial, particularly for firms in the financial sector. Further research on a broad set of topics related to the macro economy and to taxation is planned in cooperation with the **Department of Finance** over the next two years.



The *Quarterly Economic Commentary, Winter 2014* Authors: Dr Kieran McQuinn, Mr David Byrne, Dr Ciara Morley and Dr David Duffy, in the ESRI, December 2014.

MACROECONOMICS

| Project/Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|---|--|---|-------------------|
| Forecasting Model - Programme Funding | Central Bank of Ireland | A. Barrett, D. Holland | In Progress |
| Property Price Index | NAMA/Banking and Payments Federation Ireland | D Duffy, J FitzGerald, P Lunn, E Morgenroth | In Progress |
| Irish Aid IDEAS Programme Vietnam | Irish Aid | J. FitzGerald, A. Bergin, D. Duffy, E. Kelly, S. McGuinness, E. Morgenroth | In Progress |
| Research Programme on Small and Medium Enterprises in the Economic Recovery | Department of Finance | M. Lawless, C. O'Toole | In Progress |
| Importance of Tax Policy in the Location of Multinational Companies | Department of Finance | M. Lawless | Completed |
| Consumer Sentiment Index | KBC Bank | D. Duffy, D. Watson, C. Morley | In Progress |
| Housing Market Index | AIB | D. Duffy, D. Watson, C. Morley | In Progress |
| Savings Index for Ireland | Nationwide UK | D. Duffy, D. Watson, C. Morley | In Progress |
| Private Residential Tenancies Board Average Rent Database and Rent Index | The Housing Authority | D. Duffy, J. Walsh | Completed |
| SMEs, Credit Constraints and Growth: a Cross Border Study | InterTradeIreland | M. Lawless | Completed |
| Analysis of Regional House Price Developments | Apollo | A. Bergin, K. McQuinn | In Progress |
| Future of Private Rented Sector | Private Residential Tenancies Board | D. Duffy | Completed |

Journal Articles

“Bank-lending Constraints, Trade Credit and Alternative Financing during the Financial Crisis: Evidence from European SMEs”, *Journal of Corporate Finance*, Vol. 27, August 2014, pp. 173-193, Eddie Casey, **Conor O’Toole**.

“Does Bank Market Power Affect SME Financing Constraints?”, *Journal of Banking and Finance*, Vol. 49, December 2014, pp. 495-505, Robert M. Ryan, **Conor O’Toole**, Fergal McCann.

“Corruption and the Efficiency of Capital Investment in Developing Countries”, *Journal of International Development*, Vol. 26, Issue 5, 2014, pp. 567-597, **Conor O’Toole**, Finn Tarp.

MACROECONOMICS

“Financing Constraints and Agricultural Investment: Effects of the Irish Financial Crisis”, *Journal of Agricultural Economics*, Vol. 65, Issue 1, January 2014, pp. 152-176, **Conor O’Toole**, Carol Newman, Thia Hennessey.

“Ireland’s Recovery from Crisis”, *CESifo Forum*, Vol. 15, No. 2, pp. 8-13, **John FitzGerald**.

“Negative Equity in Ireland: Estimates Using Loan-level Data”, *Journal of European Real Estate Research*, Vol. 7, Issue 3, 2014, pp. 327-344, **David Duffy**, Niall O’Hanlon.

“On the Hook for Impaired Bank Lending: Do Sovereign-Bank Interlinkages Affect the Net Cost of a Fiscal Stimulus?”, *International Journal of Central Banking*, Vol. 10, No. 2, pp. 95-128, Robert Kelly, **Kieran McQuinn**.

“The New EU Governance Arrangements”, *Revue de l’OFCE*, No. 132, April 2014, pp. 93-99, **John FitzGerald**.

Reports and Other Publications

“Consumption and the Housing Market: An Irish Perspective”, Budget Perspectives No. 2015/1, ESRI, Dublin, Yvonne McCarthy, **Kieran McQuinn**.

Economic Assessment of the Euro Area: Winter 2013/14 Report, ESRI Survey and Statistical Report Series No. 50, EUROFRAME — European Forecasting Network, Europe, **John FitzGerald**, CASE (Poland), CPB (Netherlands), DIW Berlin (Germany), ETLA (Finland), The Kiel Institute for the World Economy (Germany), NIESR (United Kingdom), OFCE (France), PROMETEIA (Italy), WIFO (Austria).

Financing SMEs in Recovery: Evidence for Irish Policy Options, Department of Finance and the ESRI, Dublin, **Martina Lawless, Conor O’Toole, Derek Lambert**.

Quarterly Economic Commentary, Winter 2014, **David Duffy, Kieran McQuinn, David Byrne, Ciara Morley**.

Quarterly Economic Commentary, Autumn 2014, **David Duffy, John FitzGerald, Kieran McQuinn, David Byrne, Ciara Morley**.

Quarterly Economic Commentary, Summer 2014, **David Duffy, John FitzGerald, Kieran McQuinn, David Byrne, Ciara Morley**.

Quarterly Economic Commentary, Spring 2014, **David Duffy, John FitzGerald, Kevin Timoney, David Byrne**.

The Importance of Corporation Tax Policy in the Location Choices of Multinational Firms, Department of Finance, Dublin, **Martina Lawless, Daire McCoy, Edgar Morgenroth, Conor O’Toole**.

Chapters in Books and Reports

“The PRTB/ESRI Rent Index”, **David Duffy** in Lorcan Sirr (ed.), *Renting in Ireland: The Social, Voluntary and Private Sectors*, pp. 90-104, Dublin: Institute of Public Administration, 2014.

QEC Special Articles and Research Notes

“A Survey-based Analysis of Irish Savings Behaviour by Age”, *QEC Research Note No. 2014/1/1*, **Kevin Timoney**.

“Alternative Scenarios for New Household Formation in Ireland”, Special Article in *Quarterly Economic Commentary*, Spring 2014, **David Duffy, David Byrne, John FitzGerald**.

“Bubble, Bubble Toil and Trouble? An Assessment of the Current State of the Irish Housing Market”, Special Article in *Quarterly Economic Commentary*, Summer 2014, **Kieran McQuinn**.

“Credit Requirements for Irish Firms in the Economic Recovery”, Special Article in *Quarterly Economic Commentary*, Autumn 2014, **Martina Lawless, Niall Mc Inerney, Kieran McQuinn, Conor O’Toole**.

“Household Formation and Tenure Choice”, *QEC Research Note No. 2014/2/2*, **David Byrne, David Duffy, John FitzGerald**.

“Irish Economic Performance 1987 – 2013: A Growth Accounting Assessment”, *QEC Research Note No. 2014/4/1*, **David Byrne, Kieran McQuinn**.

“Irish Fiscal Policy in Good Times and in Bad: Its Impact During Different Stages of the Economic Cycle”, Special Article in *Quarterly Economic Commentary*, Autumn 2014, David Cronin, **Kieran McQuinn**.

“Nowcasting and the Need for Timely Estimates of Movements in Irish Output”, *QEC Research Note No. 2014/3/1*, **David Byrne, Ciara Morley, Kieran McQuinn**.

MACROECONOMICS

“Projected Population Change and Housing Demand: A County Level Analysis”, *QEC* Research Note No. 2014/2/3, **Edgar Morgenroth**.

“The Distribution of Income and the Public Finances”, *QEC* Research Note No. 2014/2/4, **John FitzGerald**.

“The Structural Balance for Ireland”, Special Article in *Quarterly Economic Commentary*, Spring 2014, **John FitzGerald, Adele Bergin**.

“Two Speed Recovery? Spatial Development in Ireland”, *QEC* Research Note No. 2014/4/2, **Edgar Morgenroth**.

“Updated Estimates for the Extent of Negative Equity in the Irish Housing Market”, *QEC* Research Note No. 2014/2/1, **David Duffy**.

ESRI Research Bulletins

“Bank-lending Constraints, Trade Credit and Alternative External Finance since the Financial Crisis: Evidence from European SMEs”, ESRI Research Bulletin No. 2014/2/3, **Conor O’Toole**, Eddie Casey.

“Does Bank Market Power Affect SME Financing Constraints?”, ESRI Research Bulletin No. 2014/1/5, **Conor O’Toole**, Robert Ryan, Fergal McCann.

“Fiscal Consolidation and Implications of Social Spending for Long-Term Fiscal Sustainability”, ESRI Research Bulletin No. 2014/1/2, **Rossana Merola**, Douglas Sutherland.

“Fiscal Forecast Errors: Governments Versus Independent Agencies?”, ESRI Research Bulletin No. 2014/1/1, **Rossana Merola**, Javier J. Pérez.

ESRI Working Papers

WP491: “SME Recovery Following a Financial Crisis: Does Debt Overhang Matter?”, **Martina Lawless, Brian O’Connell, Conor O’Toole**.

WP492: “Financial Structure and Diversification of European Firms”, **Martina Lawless, Brian O’Connell, Conor O’Toole**.

WP495: “The Role of Credit in the Housing Market”, **Petra Gerlach-Kristen, Niall Mc Inerney**.

ESRI Submissions

“Submission to the Department of Public Expenditure and Reform on the Review of the Public Capital Programme”, ESRI Submissions No. 2014/1, **Edgar Morgenroth**.

Other Papers

“Modelling the Impact of Fundamentals on County Housing Markets in Ireland”, MPRA Paper No. 57665, Munich Personal RePEc Archive, Munich, **Edgar Morgenroth**.

Presentations/Papers Read to Conferences and Learned Societies

“A Half a Century of Managing the Irish Economy”, ‘Irish Society for New Economists’ (ISNE) Conference, NUIG, Galway, September, **John FitzGerald**.

“An Economic Perspective on Local Government Reform”, Irish Planning Institute Seminar on Local Government Reform, Irish Planning Institute, Drogheda, January, **Edgar Morgenroth**.

“Can Financial Statistics Be Misleading”, Statistics Conference, Central Bank, Dublin, April, **John FitzGerald**.

“Consumption and the Housing Market: an Irish Perspective”, ‘Budget Perspectives’ Conference, ESRI, Dublin, June, Yvonne McCarthy (Central Bank), **Kieran McQuinn**.

“Fiscal Policy for the Medium Term”, ‘Budget Perspectives’ Conference, ESRI, Dublin, April, **John FitzGerald**.

“Household Formation Projections for Ireland”, ‘Housing and Mortgage Market’ Conference, Irish Banking Federation, Dublin, January, **David Duffy**.

“Housing Market Outlook”, Housing Agency ‘Colloquium on Housing Demand and Supply’, Housing Agency, Dublin, March, **David Duffy**.

“Introducing COSMO V.2014”, Central Bank Ireland, Dublin, September, **Adele Bergin, Niall Conroy, Dawn Holland, Niall Mc Inerney**, Donal Smith (Dept. of Finance) and NIESR Seminar, National Institute of Economic and Social Research, London, UK, November, **Adele Bergin, Dawn Holland**.

MACROECONOMICS

“Irish Tax Policy”, Euroframe Conference, Euroframe, Paris, France, June, **John FitzGerald**.

“Local and Regional Government Reform”, Border, Midland and Western Regional Assembly Meeting, Ballaghadereen, March, **Edgar Morgenroth**.

“Modelling Environment - Economic Interaction”, UCC ‘TIMES’ Conference, UCC, Cork, February, **John FitzGerald**.

“Spatial Development Patterns and the Implications for Ireland’s Medium Term Economic Strategy”, ESPON/NIRSA Conference ‘Creating the Regions of Tomorrow: Maximising Ireland’s Reform Opportunity’, ESPON/NIRSA, Maynooth, September, **Edgar Morgenroth**.

“The Path to Recovery for the Irish Economy”, Waterford Institute of Technology, Waterford, September, **John FitzGerald**.

“The Role of Financial Frictions in the 2007-2008 Crisis: an Estimated DSGE Model”, Conference, University of Crete, Rethymno, Greece, May; and Conference, University of Manchester, Manchester, April, **Rossana Merola**.



Authors of the *Quarterly Economic Commentary, Autumn 2014*: Dr David Duffy, Mr David Byrne, Dr Ciara Morley, Professor John FitzGerald and Dr Kieran McQuinn

INTERNATIONALISATION AND COMPETITIVENESS

Research Area Coordinator: Iulia Siedschlag

Other staff working in this area include: John FitzGerald, Martina Lawless, Edgar Morgenroth, Gavin Murphy, Conor O'Toole and Frances Ruane.

Research in this area focuses primarily on the key factors and policies underlying Ireland's competitiveness and economic growth in the context of increased global inter-dependencies. Specifically, researchers investigate the links between economic internationalisation, technological change, finance, innovation, productivity and employment growth using micro-data sets. In 2014 the research addressed three themes:

(a) Access to External Financing and Enterprise Growth. This study was commissioned by the **European Commission's Directorate General Enterprise and Industry**. This research provided empirical evidence on the nature, extent and causes of financial constraints faced by enterprises in the European Union during the recent financial crisis, as well as their impact on enterprise growth. Specifically, it examined how the recent financial crisis has affected enterprises with different degrees of financial dependence, in terms of their investment, employment, productivity and export performance. This evidence informs strategy and policies to assist enterprises in EU countries in obtaining access to external finance, and support growth by addressing financial market imperfections.

(b) Drivers of SME's Internationalisation: Implications for Enterprise Growth and Competitiveness. This study was commissioned by the **European Commission's Directorate General Enterprise and Industry**. Its objective was to provide empirical evidence on the degree and modes of internationalisation of SMEs in the European Union and the link between international activities and enterprise growth. The study examined: (i) the determinants of outward internationalisation choices of SMEs including exporting, foreign direct investment and international outsourcing; (ii) the relationship between the different outward internationalisation modes; and (iii) the patterns of exporting by SMEs in Ireland by their principal export product and destination markets.

This research informs policies to assist enterprises in Ireland and throughout the European Union countries to improve their internationalisation and growth strategies.

(c) Mapping the Potential for All-Ireland Sectoral Ecosystems.

This study was commissioned by **InterTradeIreland**. The research developed a new conceptual foundation for a sectoral ecosystem and explored the potential benefits of such ecosystems on a cross border basis. The research also involved the development of a new method of identifying industry concentrations, which improves on existing methods by including both numbers employed and the number of firms in the integrated calculations. Furthermore, this novel methodology simultaneously identified the spatial extent of these concentrations based on employee commuting distances. The research also involved three case studies on pharmaceuticals, medical devices and software, and opportunities for cross-border cooperation were identified in each of these three sub-sectors.



Dr Conor O'Toole and Dr Martina Lawless speak to Mr Simon Harris TD, Minister of State at the Departments of Finance, Public Expenditure and Reform and an Taoiseach, in advance of the ESRI policy conference 'Financing SMEs in the Recovery'

INTERNATIONALISATION AND COMPETITIVENESS

| Project/Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|--|-----------------------|---|-------------------|
| Mapping the Potential for All Island Clusters and Clustering | InterTradeIreland | E. Morgenroth | Completed |
| European Competitiveness Report 2014 – Study on Access to External Financing and Enterprise Growth | European Commission | I. Siedschlag, G. Murphy, B. O’Connell, C. O’Toole | Completed |
| European Competitiveness Report 2014 -Study on Drivers of SME Internationalisation: Implications for Enterprise Growth and Competitiveness | European Commission | I. Siedschlag, G. Murphy | Completed |
| Framework Contract for Studies in the Area of European Competitiveness | European Commission | I. Siedschlag | In Progress |

Journal Articles

“International Investment and Firm Performance: Empirical Evidence from Small Open Economies”, *Journal of Economics and Statistics*, Vol. 234/6, 2014, pp. 662-687, **Iulia Siedschlag**, Ville Kaitila, John McQuinn, Xiaoheng Zhang.

“The Quality of Analysis of Irish Merger Decisions”, *Journal of Competition Law & Economics*, Vol. 10, No. 2, pp. 375-397, **Paul K. Gorecki***.

Reports and Other Publications

“Access to External Financing and Firm Growth”, Background Study for Chapter 2, *European Competitiveness Report 2014: Helping Firms Grow*, European Commission, **Iulia Siedschlag, Conor O’Toole, Gavin Murphy, Brian O’Connell**.

“Drivers of SME Internationalisation: Implications for Firm Growth and Competitiveness”, Background Study for Chapter 3, *European Competitiveness Report 2014: Helping Firms Grow*, European Commission, Martin Falk, **Gavin Murphy, Iulia Siedschlag**, Eva Hagsten, Magdolna Sass, Andrea Szalavetz, Jan Vessel, Daniel Mirza.

Evaluation of Competitive Impacts of Government Interventions — Ex-Post Assessment of Government Intervention in the Taxi Market in Ireland: 1978 – 2014, OECD Working Party No. 2 on Competition and Regulation [DAF/COMP/WP2(2014)6], OECD, Paris, **Paul K. Gorecki***.

ESRI Research Bulletins

“Boosting the Attractiveness of the European Union to International Investment in R&D Activities: What Matters?”, ESRI Research Bulletin No. 2014/2/7, **Iulia Siedschlag**, Donal Smith, Camelia Turcu, Xiaoheng Zhang.

“Improving the Merger Control Process in Ireland”, ESRI Research Bulletin No. 2014/2/4, **Paul K. Gorecki***.

“Taxi Regulation in Ireland: Will it be Different this Time?”, ESRI Research Bulletin No. 2014/2/5, **Paul K. Gorecki***.

ESRI Working Papers

WP480: “Innovation and Productivity in Services: Evidence from Germany, Ireland and the United Kingdom”, Bettina Peters, Rebecca Riley, **Iulia Siedschlag**, Priit Vahter, John McQuinn.

Other Papers

“Boosting the EU’s Attractiveness to International R&D Activities Investments: What Matters? What Works?”, JCR-IPTS Policy Brief, October, European Commission, Fernando Hervás, **Iulia Siedschlag**, Alexander Tübke.

“Innovation and Productivity in Services: Evidence from Germany, Ireland and the United Kingdom”, JRC-IPTS Working Paper No. 04/2014, European Commission, Bettina Peters, Rebecca Riley, **Iulia Siedschlag**, Priit Vahter, John McQuinn.

INTERNATIONALISATION AND COMPETITIVENESS

“The Globalized Irish Economy in Good Times and Bad”, IIS Discussion Paper No. 443, Institute for International Integration Studies, Dublin, Frank Barry, **John FitzGerald**, Patrick Honohan, **Iulia Siedschlag**.

Presentations/Papers Read to Conferences and Learned Societies

“Determinants of R&D Offshoring”, European Trade Study Group 16th Annual Conference, Ludwig Maximilian University of Munich and IFO Economic Research Institute, Munich, Germany, September, **Iulia Siedschlag**.

“Determinants of SME’s Exports By Destinations”, Interim Report Meeting, European Commission, Directorate General Enterprise and Industry, Brussels, Belgium, March, **Gavin Murphy**.

“Drivers of SME’s Outward Internationalisation Mode Choices”, Interim Report Meeting, European Commission, Directorate General Enterprise and Industry, Brussels, Belgium, March, **Gavin Murphy**.

“Internationalisation of Corporate R&D and Innovation”, Research Seminar, European Commission, Directorate General Enterprise and Industry, Brussels, June, **Iulia Siedschlag**.

“Firm Heterogeneity, Access to External Finance and Firm Growth”, National Bank of Austria, Vienna, September, **Iulia Siedschlag** and European Central Bank COMPNET – The Research Network on Competitiveness 10th Workshop, Banco de Portugal, Lisbon, Portugal, September, **Iulia Siedschlag**.

“Policy Options for SME Financing in Ireland”, ‘Financing SMEs in Recovery’ Conference, ESRI, Dublin, September, Martina Lawless.

“Rethinking Policies for Economic Growth in the European Union”, Keynote Address, Institute for International and European Affairs, Dublin, November, **Iulia Siedschlag** and European Commission, Directorate General Joint Research Centre, Institute for Prospective Technological Studies, Seville, Spain, November, **Iulia Siedschlag**.

“SME Financing Landscape in Ireland: a Comparative Perspective”, ‘Financing SMEs in Recovery’ Conference, ESRI, Dublin, September, **Conor O’Toole**.



During 2014, background research on drivers of SME Internationalisation for the *European Competitiveness Report 2014* was carried out by Gavin Murphy and Iulia Siedschlag

ENERGY AND ENVIRONMENT

Research Area Coordinators: John Curtis and Seán Lyons

Others working in this area include: Bryan Coyne, Valeria di Cosmo, Muireann Lynch, Niall Farrell, Marie Hyland, Laura Malaguzzi Valeri, Daire McCoy and Edgar Morgenroth.

Much of the research on energy and environment is financed through multi-annual research programmes such as the ESRI's Energy Policy Research Centre (EPRC), which is funded by the **Department of Communications, Energy and Natural Resources, ESB, Ervia, Eirgrid, Viridian** and the **Commission for Energy Regulation**. Research is also undertaken through the Sustainable Electrical Energy Systems Research Cluster in collaboration with UCD, TCD, UL and NUIM, funded by **Science Foundation Ireland** and the Electricity Research Centre Grid Integration of Renewables, Distributed Generation and Flexible Demand project funded by the **Programme for Research in Third-Level Institutions**. The ESRI also collaborates with UCC on a number of projects funded by the **Department of Environment, Community and Local Government, Sustainable Energy Authority of Ireland** and the **Environmental Protection Agency**.

During 2014 the EPRC continued its research on the Irish electricity system. In the area of capital investment our research shows that with increasing wind capacity, current market rules favour less flexible thermal generation plant, which could ultimately affect investment decisions. If this were to continue in the long run, the electricity system would be more difficult and costly to balance. However, the market is already being reformed to comply with the European Union Target Model. Other research shows that if market reforms allow strategic bidding behaviour, this could lead to substantially increased electricity prices. Other research on the effects of increased wind capacity concludes that it reduces the mean and the variance of production costs but only the variance of electricity prices.

Energy efficiency is an important theme in our research on the residential sector. Dwelling characteristics were found to be a key influential factor on daily gas consumption.

Research on building energy ratings (BER) found that, across all fuel types, each point move along the building energy rating (BER) scale is associated with a 1.6% change in households' energy expenditure. This is significantly less than the proportionate change in energy use typically assumed to be associated with the BER scale from engineering studies. Research examining household responses to smart metering, which is pertinent to the roll-out of the National Smart Metering Programme (NSMP), found that while the smart metering trial helped reduce electricity demand, it is effective because it acts as a reminder and motivator, rather than as an educational aid. This finding has implications for the optimal design and assessment of the metering programme.

An energy policy Green Paper was published in 2014 and ESRI Energy researchers engaged widely with the consultation and the subsequent seminars held during Autumn 2014. We also published a review paper on energy policy drawing on recent ESRI research on energy economics, which formed the basis of our submission to the Green Paper consultation.



Launching *Irish Energy Policy: An Analysis of Current Issues*, Professor John FitzGerald, Dr Niall Farrell, Mr Daire McCoy, Dr Valeria Di Cosmo, Ms Niamh Devitt, Dr Muireann Lynch

ENERGY AND ENVIRONMENT

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|--|--|--------------------------|-------------------|
| Energy Policy Research Centre | ESB, Bord Gáis, Eirgrid, CER, Viridian/Energia, Department of Communications, Energy and Natural Resources | J. Curtis, J. FitzGerald | In Progress |
| Informing Policy Position With Respect to the 2030 Climate and Energy Package | Sustainable Energy Authority of Ireland | J. Curtis, J. FitzGerald | Completed |
| SEAI Area Based Models | Sustainable Energy Authority of Ireland | S. Lyons | Completed |
| SEAI 2014 Energy Projections | Sustainable Energy Authority of Ireland | J. Curtis | Completed |
| Strategic Advice related to the development of Energy Efficiency Cost Curves for Ireland | Sustainable Energy Authority of Ireland | J. Curtis | Completed |
| Research to Inform Energy Policy | Sustainable Energy Authority of Ireland (ESRI collaboration with UCC) | J. Curtis, J. FitzGerald | Completed |
| “Irish Times” Phase 3 | Environmental Protection Agency/ Sustainable Energy Authority Ireland | J. Curtis, J. FitzGerald | In Progress |
| Sustainable Energy Electrical System | Science Foundation Ireland/UCD | S. Lyons | In Progress |
| Electricity Research Centre: Grid Integration of Renewables, Distributed Generation and Flexible Demand (PRTL) | UCD | S. Lyons, N. Farrell | In Progress |
| Low Carbon Roadmap - Addendum Focusing on 2030 | Department of the Environment, Community and Local Government | J. Curtis, J. FitzGerald | Completed |
| Socio-Economic Costs of Nuclear Accident | Department of the Environment, Community and Local Government | J. Curtis, E. Morgenroth | In Progress |
| Study on Household Water Consumption Estimates | Irish Water | E. Morgenroth | Completed |
| “An Enterprising Wind” Study | Siemens/IWEA | J. FitzGerald | Completed |

Journal Articles

“Capital-Energy Substitution: Evidence from a Panel of Irish Manufacturing Firms”, *Energy Economics*, Vol. 45, September 2014, pp. 501-510, Stefanie Haller, **Marie Hyland**.

“Climate Policy, Interconnection and Carbon Leakage: The Effect of Unilateral UK Policy on Electricity and GHG Emissions in Ireland”, *Economics of Energy & Environmental Policy*, Vol. 3, No. 2, 2014, **John Curtis**, **Valeria di Cosmo**, Paul Deane.

“Consumer Preferences and the Influence of Networks in Electric Vehicle Diffusion: An Agent-based Microsimulation in Ireland”, *Energy Research & Social Science*, Vol. 3, September 2014, pp. 89-101, **Daire McCoy**, **Seán Lyons**.

“Disentangling Water Usage in the European Union: A Decomposition Analysis”, *Water Resources Management*, Vol. 28, Issue 5, March 2014, pp. 1463-1479, **Valeria di Cosmo**, **Marie Hyland**, Maria Llop.

“Does the Housing Market Reflect Cultural Heritage? A Case Study of Greater Dublin”, *Environment and Planning*, Vol. 45, Issue 12, 2013, pp. 2884-2903, **Mirko Moro***, Karen Mayor, **Seán Lyons**, Richard S. J. Tol.

ENERGY AND ENVIRONMENT

“Estimating the Effects of Land-use and Catchment Characteristics on Lake Water Quality: Irish Lakes 2004 – 2009”, *Journal of the Statistical and Social Inquiry Society of Ireland*, Vol. XLII, 2012 – 13, pp. 64-80, **John Curtis, Edgar Morgenroth**.

“Estimating the Impact of Time-of-Use Pricing on Irish Electricity Demand”, *The Energy Journal*, Vol. 35, No. 2, 2014, pp. 117-136, **Valeria di Cosmo, Seán Lyons, Anne Nolan**.

“Irish and British Electricity Prices: What Recent History Implies for Future Prices”, *Economics of Energy & Environmental Policy*, Vol. 4, No. 1, 2015, Paul Deane, **John FitzGerald, Laura Malaguzzi Valeri, Aidan Tuohy, Darragh Walsh**.

“Reducing Household Electricity Demand through Smart Metering: The Role of Improved Information about Energy Saving”, *Energy Economics*, Vol. 45, September 2014, pp. 234-243, James Carroll, **Seán Lyons, Eleanor Denny**.

“The Incentive to Invest in Thermal Plants in the Presence of Wind Generation”, *Energy Economics*, Vol. 43, May 2014, pp. 306-315, **Valeria di Cosmo, Laura Malaguzzi Valeri**.

“The Local Impact of the Marine Sector in Ireland: A Spatial Microsimulation Analysis”, *Spatial Economic Analysis*, Vol. 9, Issue 1, 2014, pp. 31-50, Karyn Morrissey, Cathal O’Donoghue, **Niall Farrell**.

Reports and Other Publications

“Affordability and the Provision of Water Services in Ireland: Options, Choices and Implications”, Appendix 5 in *Report of the Interdepartmental Working Group on Affordability Measures*, Department of the Environment, Community and Local Government, Dublin, **Paul K. Gorecki*, Seán Lyons, Edgar Morgenroth**.

An Enterprising Wind: An Economic Analysis of the Job Creation Potential of the Wind Sector in Ireland, Siemens and IWEA, Dublin, **John FitzGerald, Eleanor Denny, Amy O’Mahoney**.

“Competition in Extended Producer Responsibility Schemes”, Appendix D in *Review of the Producer Responsibility Initiative Model in Ireland*, Annex to the Main Report, Department of Environment, Community and Local Government, Dublin, **Paul K. Gorecki***.

Final Report on Household Water Consumption Estimates, Commission on Energy Regulation, Dublin, **Edgar Morgenroth**.

Irish Energy Policy: An Analysis of Current Issues, ESRI Research Series No. 37, ESRI, Dublin, **John FitzGerald (ed.), Laura Malaguzzi Valeri (ed.), John Curtis, Niamh Devitt, Valeria di Cosmo, Niall Farrell, John FitzGerald, Marie Hyland, Muireann Á. Lynch, Seán Lyons, Daire McCoy, Laura Malaguzzi Valeri, Darragh Walsh**.

Chapters in Books and Reports

“Wind Energy in Ireland”, **Niall Farrell** in Cathal O’Donoghue, et al. (eds.), *Rural Economic Development in Ireland*, pp. 122-147, Dublin: Teagasc, 2014.

ESRI Research Bulletins

“Capital-Energy Substitution: Evidence from a Panel of Irish Manufacturing Firms”, ESRI Research Bulletin No. 2014/3/3, **Marie Hyland, Stefanie Haller**.

“Climate Policy, Interconnection and Carbon Leakage: The Effect of Unilateral UK Policy on Electricity and GHG Emissions in Ireland”, ESRI Research Bulletin No. 2014/1/7, **John Curtis, Valeria di Cosmo, Paul Deane**.

“Estimating the Impact of Time-of-Use Pricing on Irish Electricity Demand”, ESRI Research Bulletin No. 2014/2/2, **Valeria di Cosmo, Seán Lyons, Anne Nolan**.

“Irish and British Electricity Prices: What Recent History Implies for Future Prices”, ESRI Research Bulletin No. 2014/2/6, Paul Deane, **John FitzGerald, Laura Malaguzzi Valeri, Aidan Tuohy, Darragh Walsh**.

“The Incentive to Invest in Thermal Plants in the Presence of Wind Generation”, ESRI Research Bulletin No. 2014/2/1, **Valeria di Cosmo, Laura Malaguzzi Valeri**.

“The Value of Domestic Building Energy Efficiency – Evidence from Ireland”, ESRI Research Bulletin No. 2014/1/3, **Marie Hyland, Ronan C. Lyons, Seán Lyons**.

“When to Invest in Carbon Capture and Storage Technology: A Mathematical Model”, ESRI Research Bulletin No. 2014/1/4, **Darragh Walsh, Kevin O’Sullivan, William Lee, Mel Devine**.

ENERGY AND ENVIRONMENT

ESRI Working Papers

WP475: “Factor Input Substitution in Irish Manufacturing”, Stefanie Haller, **Marie Hyland**.

WP478: “Changes in Household Fuel Expenditure Associated with Improvements in Building Energy Efficiency”, **John Curtis**, Anne Pentecost.

WP486: “Changing Time: Possible Effects on Peak Electricity Generation”, Sara Crowley, **John FitzGerald**, **Laura Malaguzzi Valeri**.

WP489: “Estimating Building Energy Ratings for the Residential Building Stock: Location and Occupancy”, **John Curtis**, **Niamh Devitt**, **Adele Whelan**.

WP493: “The Effect of Wind on Electricity CO₂ Emissions: The Case of Ireland”, **Valeria di Cosmo**, **Laura Malaguzzi Valeri**.

WP494: “The Effects of Wind Generation Capacity on Electricity Prices and Generation Costs: a Monte Carlo Analysis”, **Muireann Á. Lynch**, **John Curtis**.

Other Papers

“Better Information on Residential Energy Use May Deter Investment in Efficiency: Case Study of a Smart Metering Trial”, MPRA Paper No. 55402, Munich Personal RePEc Archive, Dublin, **Daire McCoy**, **Seán Lyons**.

“Managing Investor and Consumer Exposure to Electricity Market Price Risks through Feed-in Tariff Design”, MPRA Paper No. 59208, Munich Personal RePEc Archive, Munich, Mel Devine, **Niall Farrell**, William Lee.

“The Determinants of Residential Gas Demand in Ireland”, NUI Galway Economics Working Papers, NUIG, Galway, Jason Harold, **Seán Lyons**, **John Cullinan***.

“The Diffusion of Electric Vehicles: An Agent-based Microsimulation”, MPRA Paper No. 54633, Munich Personal RePEc Archive, Munich, **Daire McCoy**, **Seán Lyons**.

“The Distributional Impact of the Irish Public Service Obligation Levy on Electricity Consumption”, MPRA Paper No. 53488, MPRA, Munich, **Niall Farrell**, **Seán Lyons**.

Presentations/Papers Read to Conferences and Learned Societies

“Electricity Market Restructuring in the EU - A Panel Data Analysis”, Irish Economic Association Annual Conference, University of Limerick, Limerick, May, **Marie Hyland** and Third ‘Mannheim Energy Conference’, The Centre for European Economic Research (ZEW), Mannheim, Germany, May, **Marie Hyland**.

“Energy Markets and Regulation”, Workshop on Green Paper Priority 2, Department of Communications, Energy and Natural Resources, Dublin, November, **Seán Lyons**.

“Incorporating Aversion to Market Price Risk in Efficient Feed-In Tariff Specification”, Irish Economic Association Annual Conference, University of Limerick, Limerick, May; and Mannheim Energy Conference, The Centre for European Economic Research (ZEW) and the Mannheim Centre for Competition and Innovation (MaCCI), Mannheim, Germany, May, **Niall Farrell**.

“Invited Speaker”, Launch of the Green Paper on Energy Policy in Ireland, Department of Communications, Energy and Natural Resources, Dublin, May, **Seán Lyons**.

“Managing Investor and Consumer Exposure to Electricity Market Price Risk Through Feed-In Tariff Design”, IAEE European Conference, LUISS University of Rome, Rome, Italy, October, **Niall Farrell**.

“Sustainable Energy Markets and Regulation”, 2014 ERC Symposium, UCD Electricity Research Centre, Dublin, October, **Seán Lyons**.

COMMUNICATIONS AND TRANSPORT

Research Area Coordinators: Seán Lyons and Edgar Morgenroth

Others working in this area include: Bryan Coyne, Merike Darmody, Daire McCoy and Selina McCoy

Communications Research

The Programme of Research in Communications is supported by the **Department of Communications, Energy and Natural Resources** and the **Commission for Communications Regulation**. In 2014 its research explored the effects of broadband in post-primary schools, how local infrastructure affects firms' inward investment location choices, and the evolution of the retail market for broadband services in Ireland.

In collaboration with colleagues engaged in education research, we are studying the effects of the 100 Mb/s Broadband for Post-primary Schools Programme on teaching and learning. (See Research Area 7 for further details).

Research was published on the time path of broadband adoption for households in areas that are offered broadband service for the first time and the socio-economic characteristics of residential broadband users. Linking census data on broadband adoption to information on the spatial profile of service availability, this research shows that local growth in service take-up rises above the national average immediately after service is offered, then declines towards the national average, reaching it in just under four years.

A major new study has begun on examining the effects of local infrastructure including telecoms, energy and transport on firms' inward investment location choices. A further study is underway on price, choice, quality and competition in the Irish broadband market, 2007-2014.

Transport and Infrastructure Research

Under a framework contract with the **National Roads Authority (NRA)** a new model to project both the population and job location at the small area level was constructed. The new model encompasses both a bottom-up dimension, reflecting local factors, and a top-down dimension ensuring that the projections are consistent with published national projections. These form a key input for the NRA National Transport Model.

A background paper on the effect of transport infrastructure on regional development was completed for the **Department of Transport Tourism and Sport**. The research shows that peripherality is difficult to eliminate, suggesting that peripheral parts of the country will need more than investment in transport infrastructure to overcome the additional advantages of more central locations. The review found that international studies indicate that regional spillovers are important and that the return to transport infrastructure investment is positive, but somewhat smaller than sometimes assumed.

As part of a major **EU Framework FP7** project on the Arctic Climate Change impacts on Economy and Society (ACCESS) the potential of the Northern Sea route as an alternative to the Suez route for international shipping was analysed. A set of country pairs for which the Northern Sea Route is shorter were identified. These currently account for under 4% of world trade, but a variety of constraints suggest that the Suez route will continue to be the dominant shipping route between Asia and Europe in the short- to medium-term.

COMMUNICATIONS AND TRANSPORT

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|---|---|---|-------------------|
| Programme of Research in Communications | Department of Communications, Energy and Natural Resources and Commission for Communications Regulation | S. Lyons, M. Darmody, N. Devitt, P. Lunn, S. McCoy, D. Watson | In Progress |
| Framework Contract for Studies in Transport | Department of Transport, Tourism and Sport - Economic and Transport Advisory Services Group | E. Morgenroth | In Progress |
| Economic and Demographic Forecasting | National Roads Authority | E. Morgenroth | Completed |
| Arctic Climate Change, Economy and Society (ACCESS) | European Commission | E. Morgenroth | In Progress |

Journal Articles

“Timing and Determinants of Local Residential Broadband Adoption: Evidence from Ireland”, *Empirical Economics*, Vol. 47, Issue 4, December 2014, pp. 1341-1363, **Seán Lyons**.

Reports and Other Publications

Are Classroom Internet Use and Academic Performance Higher after Government Broadband Subsidies to Primary Schools?, Hull University Business School Research Memorandum 93, University of Hull, **Marie Hyland, Richard Layte, Seán Lyons, Selina McCoy, Mary Silles**.

Demographic and Economic Forecasting Report: National Transport Model Volume 3, National Roads Authority, Dublin, S. Crawford, B. Feeney, **Edgar Morgenroth**, A. Murphy.

The Regional Development Impacts of Transport Infrastructure: A Literature Review and Policy Implications, Economic and Financial Evaluation Unit, Department Of Transport, Tourism and Sport, Dublin, **Edgar Morgenroth**.

Other Papers

“Perceived Benefits and Barriers to the Use of High-speed Broadband in Ireland’s Second-level Schools”, MPRA Paper No. 60185, MPRA, Munich, **Niamh Devitt, Seán Lyons, Selina McCoy**.

Presentations/Papers Read to Conferences and Learned Societies

“Are Classroom Internet Use and Academic Performance Higher After Government Broadband Subsidies to Primary Schools?”, *Growing Up in Ireland 6th Annual Research Conference, ‘Growing Up in Ireland’*, Dublin, November, **Seán Lyons**.



The successful DublinBikes bike-sharing scheme. The scheme was launched in Dublin in 2005, has over 52,000 long-term subscribers, and has carried more than 10 million passengers. Image: John Curtis.

LABOUR MARKETS AND SKILLS

Research Area Coordinator: Seamus McGuinness.

Members of staff who work in this area include: Joanne Banks, Adele Bergin, Elish Kelly, Selina McCoy, Helen Russell, Emer Smyth, John R. Walsh and Adele Whelan.

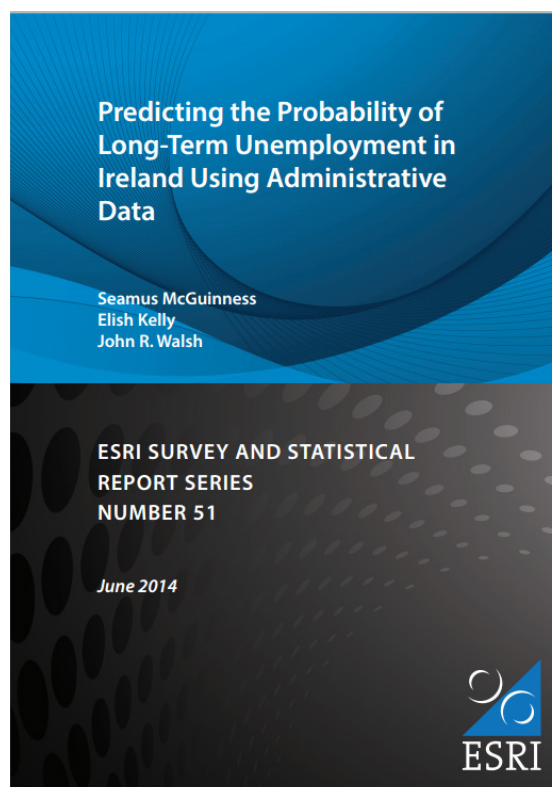
During 2014, research focused on the completion of a major study on *Further Education and Training in Ireland*. Work also commenced on an evaluation of the Government's *Back to Education Allowance*, and a number of studies were also initiated examining the extent and nature of education and skill mismatches in Europe. Researchers have also continued to provide regular reports on Ireland's labour market progress to the European Commission.

The research on Further Education and Training (FET) was commissioned by **FÁS** to assist it in the development of a five-year strategic plan for **SOLAS**. The research, which was undertaken in collaboration with colleagues in Education (see Page 28), provided analysis and recommendations on issues such as the structure and determinants of current FET provision, rates of accreditation among FET participants and the degree of symmetry between the composition of FET provision and the requirements of the labour market. The study represented the first attempt to map FET provision in Ireland in a systematic way, identifying the principal features of the sector within both a national and international context.

The evaluation of the Back to Work Allowance (BTEA), commissioned by the **Department of Social Protection** (DSP), involved researchers utilising the DSP's newly developed longitudinal jobseekers dataset, constructed through the amalgamation of five administrative data sources. The aim of the scheme is to re-integrate unemployment claimants back into the labour market through the attainment of second- and third-level education qualifications. The research assesses the effectiveness of the initiative by comparing the labour market outcomes, in both 2012 and 2014, of 2008 BTEA participants with similarly unemployed individuals who did not participate in the scheme. The research will be published in early 2015.

Three studies on skill mismatch, funded through a **European Commission** FP7 project, were undertaken by Institute researchers.

They are part of a research consortium involving partners from 25 universities and research institutes in 20 European countries. The first study develops a time-series approach to over-education across 29 European countries to examine (i) the degree to which over-education rates of young and older workers are correlated within countries and move together across countries and (ii) the economic and demographic factors determining the level of over-education across countries and across time. The second study examines the degree to which the structures of university degree courses are important contributors to subsequent skills mismatch. Finally, the third study explores the role of both the type and duration of job search activity on an individual's likelihood of experiencing mismatch at the point of labour market entry.



Predicting the Probability of Long-Term Unemployment in Ireland Using Administrative Data, published December 2014

LABOUR MARKETS AND SKILLS

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|---|---|--|-------------------|
| An Evaluation of the Back to Education Allowance | Department of Social Protection | S. McGuinness, E. Kelly, J. Walsh | In Progress |
| Delivery of Administrative Profiling Models to Identify those at Risk of Labour Market Disadvantage | Department of Social Protection | S. McGuinness, E. Kelly, J. Walsh | Completed |
| Strategic Transitions for Youth Labour in Europe - STYLE | European Commission 7th Framework Programme | S. McGuinness, A. Bergin, E. Kelly, G. Kingston, H. Russell | In Progress |
| Development of a Five Year Strategic Plan for Further Education and Training and its associated Implementation Plan | SOLAS | S. McGuinness, E. Smyth, E. Kelly, A. Bergin, S. McCoy, A. Whelan. | Completed |
| European Employment Policy Observatory - Irish National Expert - 2014-2015 | ICF Consulting Services Ltd | S. McGuinness | In Progress |
| European Employment Policy Observatory - Irish National Expert | GHK Consulting Ltd | S. McGuinness | Completed |

Journal Articles

“The Impact of Training Programme Type and Duration on the Employment Chances of the Unemployed in Ireland”, *The Economic and Social Review*, Vol. 45, No. 3, Autumn, pp. 425-450, **Seamus McGuinness**, Philip J. O’Connell, **Elish Kelly**.

“The Perceived Probability of Job Loss and Future Labour Market Outcomes”, *Industrial Relations Journal*, Vol. 45, Issue 4, pp. 329-347, **Seamus McGuinness**, Mark Wooden, Markus Hahn.

“Transitions In and Out of Unemployment among Young People in the Irish Recession”, *Comparative Economic Studies*, Vol. 56, December 2014, pp. 616-634, **Elish Kelly**, **Seamus McGuinness**, Philip J. O’Connell, David Haugh, Alberto González Pandiella.

“Under Pressure: The Impact of Recession on Employees in Ireland”, *British Journal of Industrial Relations*, Vol. 52, Issue 2, June 2014, pp. 286-307, **Helen Russell**, **Frances McGinnity**.

Reports and Other Publications

Predicting the Probability of Long-Term Unemployment in Ireland Using Administrative Data, ESRI Survey and Statistical Report Series No. 51, ESRI, Dublin, **Seamus McGuinness**, **Elish Kelly**, **John R. Walsh**.

ESRI Working Papers

WP482: “Who Should We Ask? Employer and Employee Perceptions of Skill Gaps within Firms”, **Seamus McGuinness**, Luis Ortiz.

WP484: “Examining the Relationships between Labour Market Mismatches, Earnings and Job Satisfaction among Immigrant Graduates in Europe”, **Seamus McGuinness**, Delma Byrne.

WP485: “Changes in Labour Market Transitions in Ireland over the Great Recession”, **Adele Bergin**, **Elish Kelly**, **Seamus McGuinness**.

WP490: “Examining the Relationship between Employee Resistance to Changes in Job Conditions and Wider Organisational Change: Evidence from Ireland”, Hugh Cronin, **Seamus McGuinness**.

LABOUR MARKETS AND SKILLS

Presentations/Papers Read to Conferences and Learned Societies

“An Evaluation of the Back to Education Allowance”, 11th European Evaluation Society Biennial Conference, European Evaluation Society, Dublin, October, Paul Morrin (DSP), **Elish Kelly**, **Seamus McGuinness**, Brian King (DSP).

“Changes in Labour Market Transitions in Ireland Over the Great Recession”, European Research Network ‘On Transitions in Youth’ Annual Workshop, Universitat Pompeu Fabra, Barcelona, Spain, September, **Adele Bergin**, **Elish Kelly**, **Seamus McGuinness**; and ‘Leaving School in Ireland’ Conference, ESRI, Dublin, November, **Elish Kelly**, **Adele Bergin**, **Seamus McGuinness**.

“Changing Returns to Education During a Boom? The Case of Ireland”, International Workshop – Vietnam ‘Labour Market: Findings from Micro Approach’, National Foundation for Science and Technology Investment (NAFOSTED), Hanoi, Vietnam, April, **Elish Kelly**.

“Evaluation of Labour Market Policies: the Use of Data-Driven Analyses in Ireland”, Social Protection Policy Workshop: ‘Challenges and Opportunities for Social Protection Policy in Post-Recession Ireland’, UCD/Geary Institute, Dublin, September, **Elish Kelly**.

“To Study or to Work ? the Impact of a Construction Boom on Male Educational Attainment”, Irish Economic Association Annual Conference 2014, IEA, Limerick, May, **Claire Keane**.

“Using Data to Assess the Economic Impact of Literacy and Numeracy Difficulties in Ireland”, ‘The Causes and Effects of Poor Adult Literacy and Numeracy in Ireland – Opportunities for Academic Research’, National Adult Literacy Agency (NALA) Research Seminar, Dublin, September, **Elish Kelly**.



Dr Seamus McGuinness and Dr Adele Bergin present to the Annual Irish Economic Policy Conference in the Institute of Banking.

MIGRATION, INTEGRATION AND DEMOGRAPHY

Research Area Coordinators: Alan Barrett and Frances McGinnity

Others working in this area include: Adele Bergin, Elaine Byrne, Egle Gusciute, Merike Darmody, Corona Joyce, Elish Kelly, Gillian Kingston, Seamus McGuinness, Emma Quinn.

Research in this area was conducted under three broad programmes.

Research monitoring migrant integration in Ireland, funded by **The Integration Centre**, compared Irish and non-Irish nationals in terms of employment, education, social inclusion and active citizenship: this year's special theme examined migrant children and their families at age 3, using data from the *Growing Up in Ireland* study. The fourth and final monitor in this series documented a rapid increase in the acquisition of Irish citizenship among immigrants in Ireland. Between 2005, when records began, and end-2012, almost 54,700 non-EEA adults acquired Irish citizenship through naturalisation, which represents 31 per cent of the estimated adult immigrant population of non-EEA origin resident in Ireland at end-2012.

The ESRI acts as the national contact point for the European Migration Network (EMN), which is funded by the **European Commission** and the **Department of Justice and Equality**. Research during the year covered topics such as welfare use among immigrants and policies and practices in respect of unaccompanied minors.

The study on welfare use showed how there was generally little evidence of an over-representation of immigrants in receipt of a wide range of payments. The work on unaccompanied minors was presented at a conference on the topic which the ESRI co-hosted with the Dublin office of the United Nations High Commission for Refugees.

ESRI researchers used data from **The Irish Longitudinal Study on Ageing** (TILDA) in 2014 to explore a range of issues in the lives of Ireland's older people. One strand of this research looked at the impact on older peoples' economic circumstances of having been a victim of childhood sexual abuse (CSA). The analysis showed that the impact of CSA is long-lasting, with the affected group being more likely to be out of the labour force over 30 years after the abuse occurred. Another study based on the TILDA data showed how the parents of adult children who emigrated between 2010 and 2012 suffered increases in depressive symptoms and feelings of loneliness.

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|--|--|---|-------------------|
| European Migration Network | European Commission and Department of Justice and Equality | A. Barrett, E. Quinn, C. Joyce, E. Gusciute | In Progress |
| Annual Integration Monitor | The Integration Centre | F. McGinnity, G. Kingston, P. O'Connell (UCD), E. Quinn | Completed |
| Integration Policy: Who Benefits? The Development and Use of Indicators in Integration Debates | CIDOB, Barcelona Centre for International Affairs | F. McGinnity, G. Kingston, E. Quinn | Completed |

MIGRATION, INTEGRATION AND DEMOGRAPHY

Journal Articles

“Income and Wealth in the Irish Longitudinal Study on Ageing”, *The Economic and Social Review*, Vol. 45, No. 3, Autumn, pp. 329-348, **Vincent O’Sullivan***, Brian Nolan, **Alan Barrett**, Cara Dooley.

“Peer Groups, Employment Status and Depressive Symptoms Among Older Adults in Ireland”, *Journal of Population Ageing*, Vol. 7, Issue 1, March 2014, pp. 43-54, **Eibhlin Hudson***, **Alan Barrett**.

“The Impact of Changes in Educational Attainment on Life Expectancy in Ireland”, *Journal of the Statistical and Social Inquiry Society of Ireland*, Vol. XLII, 2012 – 13, pp. 42-63, **John FitzGerald**, **David Byrne**, Nuša Žnuderl.

“The Wealth, Health and Well-Being of Ireland’s Older People before and during the Economic Crisis”, *Applied Economics Letters*, Vol. 21, No. 10, 2014, pp. 675-678, **Alan Barrett**, **Vincent O’Sullivan***.

Reports and Other Publications

Annual Monitoring Report on Integration 2013, ESRI/The Integration Centre, Dublin, **Frances McGinnity**, **Emma Quinn**, **Gillian Kingston**, Philip J. O’Connell.



Attending the ESRI/UNHCR conference ‘Protection of Unaccompanied Minors and Separated Children in Ireland and Europe’ in Dublin Castle were Manus de Barra (Ombudsman for Children’s Office), Senator Jillian van Turnhout, Samantha Arnold (Trinity College Dublin and Irish Refugee Council), Emma Quinn (ESRI), Paraic O’Carroll (Office of the Refugee Applications Commissioner), Thomas Dunning (TUSLA/Child and Family Agency).

Annual Policy Report on Migration and Asylum 2012: Ireland, ESRI Survey and Statistical Report Series No. 50, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce**.

Identifying Victims of Trafficking in Human Beings in Asylum and Forced Return Procedures: Ireland, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce**, **Emma Quinn**.

Migrant Access to Social Security and Healthcare: Policies and Practice in Ireland, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Emma Quinn**, **Egle Gusciute**, **Alan Barrett**, **Corona Joyce**.

Policies and Practices on Unaccompanied Minors in Ireland, ESRI Research Series No. 38, ESRI, Dublin, **Emma Quinn**, **Corona Joyce**, **Egle Gusciute**.

The Organisation of Reception Facilities for Asylum Seekers in Ireland, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce**, **Emma Quinn**.

Chapters in Books and Reports

“Borders Separating Families: Children’s Perspectives of Labour Migration in Estonia”, Dagmar Kutsar, **Merike Darmody**, Leana Lahesoo in Spyros Spyrou, Miranda Christou (eds.), 2014.

ESRI Research Bulletins

“Did the Economic Crisis have Impacts on the Health and Well-Being of Ireland’s Older People?”, ESRI Research Bulletin No. 2014/1/6, **Alan Barrett**, **Vincent O’Sullivan***.

Presentations/Papers Read to Conferences and Learned Societies

“Discrimination in the Irish Labour Market: Ethnicity, Nationality and Recession”, American Sociological Association Annual Conference, San Francisco, USA, August, **Gillian Kingston**, **Fran McGinnity**, **Philip O’Connell**.

MIGRATION, INTEGRATION AND DEMOGRAPHY

“Economics Research in TILDA, an Update”, Annual Meeting of the TILDA Scientific Advisory Board, TILDA, TCD, Dublin, May, **Alan Barrett**.

“How Open Are the Irish? Exploring Inter-Cultural Family Formation in Ireland”, *‘Growing Up in Ireland’* 6th Annual Research Conference, ESRI/TCD, Dublin, November, Carmel Hannan (UL), Antje Roeder (TCD), **Merike Darmody**.

“Immigrants and Welfare Receipt in Europe, 2007 and 2011”, Belgian EMN NCP National Network Event ‘Migration and Social Security’, European Migration Network (Belgium), Brussels, Belgium, October, **Alan Barrett**.

“Peer Effects, Employment Status and Depressive Symptoms Among Older Irish Adults”, Seminar, University of Limerick, Limerick, February, **Alan Barrett**.

“The Impact of Adult Child Emigration on the Mental Health of Older Parents”, Population Association of America Annual Conference, Population Association of America, Boston, USA, May, **Alan Barrett**.

“The Impact of Adult Child Emigration on the Mental Health of Older Parents”, Seminar, Geary Institute, UCD, Dublin, March, **Alan Barrett** and Seminar, IZA, Bonn, Germany, January, **Alan Barrett**.

“Unaccompanied Minors in Ireland, 2014: Data, Policies and Practices”, ‘Protection of Unaccompanied Minors and Separated Children in Ireland and Europe’, ESRI/EMN and UNHCR Ireland Conference, Dublin, November, **Emma Quinn**.

“Unaccompanied Minors in Ireland: Practices and Policy Challenges”, 2014 International Metropolis Conference, Milan, Italy, November, **Corona Joyce**.



Above: Dr Helen Russell, Ms Emma Quinn, Dr Frances McGinnity, Minister Aodhán Ó Ríordáin and Professor Frances Ruane.

EDUCATION

Research Area Coordinators: Emer Smyth and Selina McCoy.

Others who work in this area include: Joanne Banks, Adele Bergin, Merike Darmody, Elish Kelly, Gillian Kingston, Seán Lyons, Seamus McGuinness and Adele Whelan.

ESRI research on education covers all levels of the Irish educational system, including early childhood, primary, second-level, further and higher education. Research in 2014 focused on special educational needs, the use of ICT in education, post-school education and training, educational disadvantage and teacher education.

Work continued on a major longitudinal study of special class provision in primary and second-level schools. Funded by the **National Council for Special Education (NCSE)**, this study yields valuable insights into the nature of provision for students with special educational needs across different school settings. In collaboration with researchers in the Communications area (see Page 20), work continued on a study on school broadband provision, funded by the **Department of Communications, Energy and Natural Resources**. Spanning nearly 500 second-level schools, the research examines school, teacher and student experiences of ICT in teaching and learning before and following the introduction of high-speed broadband services. Taking account of a range of school characteristics, the research assesses the role of ICT and the internet in classroom practice, teachers' skills and confidence around ICT, school ethos and policy, and student engagement and learning styles.

During 2014, the *Leaving School in Ireland* study was completed providing important insights into the factors influencing post-school pathways as well as on the experience of transition to further and higher education. In collaboration with researchers in the Labour Market area, research was also published on the nature of further education and training (FET) provision (see Research Area 5 for further details). Education researchers have contributed to an *Advanced Quantitative Methods Network (AQMeN)*, funded by the UK **Economic and Social Research Council**, which involves comparative research on entry to, and progression within, higher education.

New research on educational disadvantage includes a major review of the School Completion Programme, designed to promote school engagement and retention for **Tusla**, and a review (for the **Department of Education and Skills**) of the DEIS programme which targets additional funding and supports towards schools serving disadvantaged populations.

Education researchers have been actively involved in analysing *Growing Up in Ireland (GUI)* data, with research underway for the **National Council for Curriculum and Assessment (NCCA)** on well-being among 9- and 13-year-olds as well as the process of integration into school among 5-year-olds. Drawing on *GUI* data, research on the effects of multi-grade classes, school engagement and disaffection, and the impact of school social mix was published during 2014.

The topic of teacher education has been the subject of two ESRI studies: (i) an analysis of the criteria for entry to initial teacher education, and (ii) a large-scale study on the Droichead pilot programme, a new programme for teacher induction in primary and second-level schools.



At the 'Leaving School in Ireland' conference, Professor Frances Ruane with authors of *Leaving School in Ireland: A Longitudinal Study of Post-School Transitions* Professor Emer Smyth and Dr Selina McCoy

EDUCATION

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|--|---|--|-------------------|
| Leaving School in Ireland Research Programme | Consortium of Education Funders ¹ | S. McCoy, M. Darmody E. Smyth, D. Watson | Completed |
| Provision of a Consolidated Report on the Learning from the Evaluation of DEIS (Delivering Equality of Opportunity in Schools) | Social Inclusion Unit, Department of Education and Skills | E. Smyth, G. Kingston S. McCoy | In Progress |
| Research on child well-being and school experiences. Insights from the <i>Growing Up in Ireland</i> study | National Council for Curriculum and Assessment | E. Smyth | In Progress |
| The Special Class Model in Ireland: How is it working for pupils with special educational needs in mainstream schools? | National Council for Special Education | J. Banks, S. McCoy, D. Shevlin (TCD), F. Smyth (TCD) D. Watson, with Amárach Research | In Progress |
| Review of the School Completion Programme | TUSLA | E. Smyth, J. Banks, S. McCoy, M. Darmody | In Progress |
| Development of a Five Year Strategic Plan for Further Education and Training and its associated Implementation Plan | SOLAS | S. McGuinness, J. Banks, A. Bergin, E. Kelly, S. McCoy, E. Smyth, A. Whelan, with sub-contractors. | Completed |
| The Provision of Research Services to Support a Pilot Project on Induction and Probation | The Teaching Council | E. Smyth, J. Banks, P. Conway (UL), M. Darmody, A. Leavy (MIC) D. Watson | In Progress |
| Entry to Programmes of Initial Teacher Education | The Teaching Council | M. Darmody, E. Smyth | In Progress |
| Research on Families with a Child with a Disability | National Disability Authority | J. Banks, B. Maître, S. McCoy, D. Watson | In Progress |
| Children with Disabilities | National Disability Authority | J. Banks, B. Maître S. McCoy | Completed |
| Applied Quantitative Methods Network: Phase II - AQMeN | Economic and Social Research Council (UK) | E. Smyth, S. McCoy - ESRI is a partner in a consortium led by University of Edinburgh | In Progress |
| Network of Independent Experts in Education and Training | ICF Consulting Services Ltd | S. McCoy | In Progress |
| Attitudes to and use of Irish language in the island of Ireland | Foras na Gaeilge | M. Darmody, Amárach Research | In Progress |

¹ Association of Secondary Teachers of Ireland; Department of Education and Skills; Further Education and Training Awards Council; Higher Education Authority; Higher Education and Training Awards Council; National Association of Principals and Deputy Principals; National Council for Curriculum and Assessment; National Council for Special Education; National Qualifications Authority of Ireland; Teachers' Union of Ireland.

EDUCATION

Journal Articles

“Combating Educational Disadvantage Through Early Years and Primary School Investment”, *Irish Educational Studies*, Vol. 33, Issue 2, pp. 155-171, **Denise Frawley**.

“Cumulative Disadvantage? Educational Careers of Migrant Students in Irish Secondary Schools”, *Race Ethnicity and Education*, Vol. 17, Issue 1, 2014, pp. 129-151, **Merike Darmody**, Delma Byrne, **Frances McGinnity**.

“Investment in Education and the Intractability of Inequality”, *Irish Educational Studies*, Vol. 33, Issue 2, Special Issue: Investment in Education and the intractability of inequality, pp. 119-122, John Walsh, **Selina McCoy**, Aidan Seery, Paul Conway.

Reports and Other Publications

Further Education and Training in Ireland: Past, Present and Future, ESRI Research Series No. 35, ESRI, Dublin, **Seamus McGuinness**, **Adele Bergin**, **Elish Kelly**, **Selina McCoy**, **Emer Smyth**, **Adele Whelan**, **Joanne Banks**.

Leaving School in Ireland: A Longitudinal Study of Post-School Transitions, ESRI Research Series No. 36, ESRI, Dublin, **Selina McCoy**, **Emer Smyth**, **Dorothy Watson**, **Merike Darmody**.

Understanding Special Class Provision in Ireland: Findings from a National Survey of Schools, ESRI and National Council for Special Education, Dublin, **Selina McCoy**, **Joanne Banks**, **Denise Frawley**, **Dorothy Watson**, Michael Shevlin, Fiona Smyth.

Presentations/Papers Read to Conferences and Learned Societies

“A Gendered VET Regime? Gender Segregation and Vocational Training Across Europe”, European Research Network On Transitions in Youth Annual Workshop, Universitat Pompeu Fabra, Barcelona, Spain, September; ‘How Do Educational Systems Shape Educational Inequalities?’, Conference, University of Luxembourg, Luxembourg, July, and Workshop on Gender and Vocational Training, Hogskolen i Oslo, November, **Emer Smyth**, Stephanie Steinmetz (University of Amsterdam).

“Achieving Inclusion? Effective Resourcing of Students With Special Educational Needs”, AERA Annual Conference, American Educational Research Association, Philadelphia, US, April, **Selina McCoy**, **Joanne Banks**, **Denise Frawley**.

“Age or Stage? Primary School Experiences and the Transition to Second-Level Education”, ‘*Growing Up in Ireland*’ 6th Annual Research Conference, ESRI/TCD, Dublin, November, **Emer Smyth**.

“Current Challenges for Denominational Secondary Schools in Ireland”, European Educational Research Association’s (EERA) Annual Conference, University of Porto, Porto, Portugal, September, **Merike Darmody**, **Emer Smyth**.

“Curriculum Differentiation and Social Inequality in Higher Education Outcomes in Ireland and Scotland”, ‘How Do Educational Systems Shape Educational Inequalities?’, University of Luxembourg, Luxembourg, July, **Emer Smyth**, Cristina Iannelli (University of Edinburgh), Markus Klein (University of Edinburgh).

“Gender and Education: Insights from the *Growing Up in Ireland* Study”, INTO Seminar, Dublin, January, **Selina McCoy**.

“Governance and Funding of Voluntary Secondary Schools in Ireland”, ESAI Annual Conference 2014, ‘Educational Studies Association of Ireland’, Athlone, April, **Merike Darmody**, **Emer Smyth**.

“How Much Does Student ‘Quality’ Account for College Variation in Retention”, AERA Annual Conference, American Educational Research Association, Philadelphia, US, April, **Selina McCoy**, Delma Byrne (NUIM).

“Identifying Factors Contributing to School Disaffection Among Primary School Pupils”, ‘*Growing Up in Ireland*’ 6th Annual Research Conference, ESRI/TCD, Dublin, November, **Maeve Thornton**, **Merike Darmody**.

“One of the Gang? Peer Relations Among Students With Special Educational Needs in Mainstream Primary Schools”, ‘*Growing Up in Ireland*’ 6th Annual Research Conference, ESRI/TCD, Dublin, November, **Joanne Banks**, **Selina McCoy**, **Denise Frawley** (HEA).

EDUCATION

“Post-School Transitions of Young People With Low Levels of Achievement in Ireland”, ‘Post-School Transitions of Young People With Additional Support Needs’, University of Edinburgh, Edinburgh, Scotland, August, **Emer Smyth** (speaker), **Selina McCoy**, **Merike Darmody**.

“Putting Your Nose to the Grindstone? A Longitudinal Analysis of the Take-Up of Private Tuition Among Second-Level Students In Ireland”, ESAI Annual Conference 2014, Educational Studies Association of Ireland, Athlone, July, **Emer Smyth**, **Joanne Banks**.

“Reflecting on the System: Young People’s Perspectives on Second-Level Education”, Maynooth Education Forum, NUI Maynooth, Maynooth, June, **Emer Smyth**.

“Reforming Education: Lessons from the Leaving School in Ireland Study (Keynote Address)”, ‘Reforming Learning: Driving Success’, NUI Galway, December, **Emer Smyth**.

“Religion and Education in Multicultural Ireland: Responses from Primary Schools”, ESAI Annual Conference 2014, Educational Studies Association of Ireland, Athlone, April, Beata Sokolowska (TCD),

Daniel Faas (TCD), **Merike Darmody**.

“School Influences on Post-School Transitions”, ‘Leaving School in Ireland - Post School Transitions and Policy’, ESRI, Dublin, November, **Emer Smyth**.

“The Experience of Transition to Further and Higher Education”, ‘Leaving School in Ireland - Post School Transitions and Policy’, ESRI, Dublin, November, **Selina McCoy**.

“The Role of the Special Class in Inclusive Education: Results from the National Study of Special Classes”, ESAI Annual Conference 2014, Educational Studies Association of Ireland, Athlone, April, **Joanne Banks**, **Selina McCoy**, **Denise Frawley**.

“The Well-Being of International Students in Irish Third-Level Institutions”, ESAI Annual Conference 2014, Educational Studies Association of Ireland, Athlone, April, **Merike Darmody**, Mairead Finn (TCD).

“‘Their Way or No Way’: the Mismatch Between School and Home in Young People’s Autonomy”, ESAI Annual Conference 2014, Educational Studies Association of Ireland, Athlone, April, **Emer Smyth**.



At the ‘Leaving School in Ireland’ launch, Dr Merike Darmody with Professor Emer Smyth

TAXATION, WELFARE AND PENSIONS

Research Area Coordinator: Tim Callan

Others working in this area include: Brian Colgan, Claire Keane, Elish Kelly, Seán Lyons, Michael Savage, John R. Walsh.

During 2014, ESRI research on taxation, welfare and pensions focused on the impact of the recession on household incomes, on financial incentives to work, and on the effects of tax and welfare policies on the distribution of income. In addition, the ESRI microsimulation model, *SWITCH*, was expanded to deal with issues such as water charges. Groundwork was also laid in 2014 for the analysis of the new Housing Assistance Payment, and income-related health benefits such as the medical card and GP Visit card.

The ESRI's tax-benefit model, *SWITCH*, supported by prioritised funding from grant-in-aid, the **Department of Social Protection** and the **Department of Health**, was used to assess the distributive impact of budgetary policy in a series of papers. For example, the model was used to estimate the distributive impact of Budget 2015, and of the series of budgets from October 2008 up to and including October 2014. Over the full 2009 to 2015 period, the greatest policy-induced losses were found to be at the top of the income distribution, and the next greatest losses were at the bottom.

Direct analysis of the household survey data (the CSO's Survey on Income and Living Conditions – SILC) found

that the average real income of the poorest 10 per cent of households fell much more sharply than that of all other groups over the 2008 to 2012 period. Middle income positions were put under pressure, but the pressure was more severe for low income positions.

This year's Budget Perspectives paper focused on the replacement rates faced by unemployed individuals, and by those who are in employment or classified as being engaged in home duties. This research shows that calculations based on selected examples can be severely misleading. For example, most unemployed people are young and single; and many of those who are married do not have children. Thus, a picture of incentives facing the unemployed which focuses solely on the situation of a married man with children is unrepresentative. The picture provided by research based on *SWITCH* provides a much better representation of the national situation.

Results from the *SWITCH* model were analysed to assess the gender impact of changes to tax and benefit policies. The work undertaken in this project represents a major step forward in the analysis of policy impacts and could be further developed in future to provide regular and systematic assessments of the impact of tax and welfare policy on a number of equality grounds.

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|--|---|---|-------------------|
| <i>SWITCH</i> Research Programme on Taxation, Welfare, Pensions and Health | Department of Social Protection, Department of Health, Department of Public Expenditure and Reform, Department of Finance | T. Callan, B. Colgan, C. Keane, E. Kelly, M. Savage, J. Walsh | In Progress |

TAXATION, WELFARE AND PENSIONS

Journal Articles

“Crisis, Response and Distributional Impact: the Case of Ireland”, *IZA Journal of European Labor Studies*, Vol. 3, No. 9, 2014, pp. 1-17, **Tim Callan**, Brian Nolan, **Claire Keane**, **Michael Savage**, **John R. Walsh**.

“Identifying Policy Impacts in the Crisis: Microsimulation Evidence on Tax and Welfare”, *Journal of the Statistical and Social Inquiry Society of Ireland*, Vol. XLII, 2012 – 13, pp. 1-14, **Claire Keane**, **Tim Callan**, **Michael Savage**, **John R. Walsh**, **Kevin Timoney**.

“Ireland’s Economic Adjustment: From Crisis to Recovery”, *Intereconomics*, Vol. 49, No. 6, November/December 2014, pp. 318-322, **Tim Callan**, **Claire Keane**, **Michael Savage**, **John R. Walsh**, **Brian Colgan**.

Reports and Other Publications

Gender Impact of Tax and Benefit Changes: A Microsimulation Approach, The Equality Authority and the ESRI, Dublin, **Claire Keane**, **Tim Callan**, **John R. Walsh**.

Water Charges, Affordability and Poverty: Analyses for the Affordability Working Group, Appendix 2 in Report of the Interdepartmental Working Group on Affordability Measures, Department of the Environment, Community and Local Government, **Tim Callan**, **Michael Savage**.

“Welfare Targeting and Work Incentives”, Budget Perspectives No. 2015/3, ESRI, Dublin, **Michael Savage**, **Tim Callan**, **Claire Keane**, **Elish Kelly**, **John R. Walsh**.

QEC Special Articles and Research Notes

“Distributional Impact of Tax, Welfare and Public Service Pay Policies: Budget 2015 and Budgets 2009 – 2015”, Special Article in *Quarterly Economic Commentary*, Winter 2014, **Claire Keane**, **Tim Callan**, **Michael Savage**, **John R. Walsh**, **Brian Colgan**.

ESRI Working Papers

WP474: “Changes in Income Distributions and the Role of Tax-benefit Policy During the Great Recession: An International Perspective”, **Olivier Bargain***, **Tim Callan**, **Karina Doorley**, **Claire Keane**.

Presentations/Papers Read to Conferences and Learned Societies

“European Public Finances Through the Financial Crisis - the Case of Ireland”, Workshop on ‘European Public Finances Through the Financial Crisis’, The Centre for European Economic Research (ZEW), Mannheim, Germany, June, **Claire Keane**.

“Recession, Austerity and Distribution: Evidence from Ireland”, ‘Understanding Changes in Income Inequality in the Austerity Period’, ISER, University of Essex, Colchester, Essex, UK, September, **Michael Savage**, **Tim Callan**.

“Social Impact Assessment in Ireland”, ‘Peer Review of Social Impact Assessment’, OSB Consulting, Vienna, Austria, December, **Tim Callan**, **Jim Walsh** (DSP).

“The Distributional Impacts of the Great Recession – Some Alternative Approaches”, Central Bank of Ireland, Dublin, February, **Claire Keane**, **Michael Savage**.

“To Study or to Work? The Impact of a Construction Boom on Male Educational Attainment”, IEA Conference, Limerick, May, **Claire Keane**

“Welfare Targeting and Work Incentives”, Budget Perspectives, ESRI, Dublin, June, **Michael Savage**, **Tim Callan**, **Claire Keane**, **Elish Kelly**, **John R. Walsh**.

“Which Households Matter Most? Generalised Social Marginal Welfare Weights and Indirect Tax Reform”, Irish Society for New Economists (ISNE) Conference, NUIG, Galway, September, **Michael Savage**.



Dr Claire Keane and Professor Tim Callan launching the ESRI/Equality Authority report *Gender Impact of Tax and Benefit Changes: A Microsimulation Approach*, outside the ESRI building, Dublin.

SOCIAL INCLUSION AND EQUALITY

Research Area Coordinators: Frances McGinnity and Dorothy Watson

Others working in this area included: Joanne Banks, Tim Callan, Brian Colgan, Claire Keane, Gillian Kingston, Elish Kelly, Richard Layte, Pete Lunn, Seán Lyons, Bertrand Maître, Selina McCoy, Seamus McGuinness, Helen Russell, Michael Savage, Emer Smyth, John R. Walsh.

ESRI research on social inclusion and equality investigates factors influencing access to the material and other resources required to participate in economic and social life and the processes that lead to inequalities in opportunities and outcomes.

During 2014, three research projects (funded by the **Department of Social Protection**) drew on data from the annual CSO Survey on Income and Living Conditions (EU- SILC) and the Quarterly National Household Survey (QNHS). They examined trends in economic stress arising from the great recession in Ireland, the transitions between household joblessness and work and a technical examination of the differences between indicators of joblessness from SILC and the QNHS.

A research programme commenced on *Community Development and Social Inclusion*, funded by **Pobal**. This research will include a review of international best practice in the measurement and evaluation of social inclusion programmes, including methodologies for investigating the community impact of such measures, and a mapping of current provision.

Two research projects were published which investigated the impact of recession in Ireland on equality, co-funded by the **Equality Authority** and by the **European Union (Programme for Employment and Social Solidarity PROGRESS)**. One project, *Winners and Losers?* investigated the impact of recession on key labour market and poverty outcomes with respect to six equality grounds: gender, nationality, age, disability, marital and family status, using QNHS data (for labour market outcomes) and EU-SILC data (for poverty and deprivation). The second project, *Gender and the Quality of Work*, examined whether there has been convergence or polarisation in employment conditions (including employment levels, unemployment, hours worked, pay and working conditions) between men and women from boom to bust in Ireland.

Other research commissioned by the **Equality Authority** undertook a gender impact assessment of tax and benefit policies using *SWITCH*, the ESRI tax-benefit model (see Page 32). The analysis examined the differential impact of policy changes in tax, benefits and public sector pay for men and women over the full period of the “Great Recession”. The technique developed in this research could be extended to examine the impact of such policy changes across other equality grounds such as age, disability and family status.

The **National Disability Authority** funded three research projects based on the National Disability Survey. They examined the lives of people with emotional, psychological and mental health disability, the lives of children with disabilities and how people with a disability fare in employment. An analysis using the *Growing Up in Ireland* data will examine the influence of parental attitudes on the achievement of children with special educational needs (SEN).



Professor Sheila Riddell (University of Edinburgh), with Dr Joanne Banks at the ESRI research conference ‘Disability through the Lifecourse’. Professor Riddell was delivered the keynote address “Disability Through the Lifecourse: Intersections of Social Class and Disability”.

SOCIAL INCLUSION AND EQUALITY

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|---|---|---|-------------------|
| Analysis and Measurement of Poverty based on EU-SILC | Department of Social Protection | H. Russell, B. Maître D. Watson | In Progress |
| Research Programme on Community Development and Social Inclusion | Pobal | S. McGuinness, H. Russell. | In Progress |
| Employment and People with Disabilities | National Disability Authority | D. Watson, J. Banks, S. Lyons | Completed |
| The Social Dimension of the Intra EU Mobility | Eurofound | B. Maître | In Progress |
| “Progress” (2007-2013) grant - Action 2a: The Equality Impact of the Recession; Action 2B: Gender and the quality of work | The Equality Authority European Union Programme for Employment and Social Solidarity - PROGRESS (2007-2013) | F. McGinnity, E. Kelly, G. Kingston H. Russell, D. Watson | Completed |
| Country Groupings and Quality of Life in Europe | GfK Belgium for European Foundation for the Improvement of Living and Working Conditions | D. Watson, G. Kingston B. Maître | Completed |

Journal Articles

“L’Indicateur EU2020 de suivi de La Pauvreté et de L’Exclusion: une Analyse Critique”, *Économie et Statistique*, No. 469-470, pp. 147-167, **Bertrand Maître**, Brian Nolan, **Christopher T. Whelan***.

“Multidimensional Poverty Measurement in Europe: An Application of the Adjusted Headcount Approach”, *Journal of European Social Policy*, Vol. 24, No. 2, May 2014, pp. 183-197, **Christopher T. Whelan***, Brian Nolan, **Bertrand Maître**.

“The Great Recession and the Changing Distribution of Economic Vulnerability by Social Class: The Irish Case”, *Journal of European Social Policy*, Vol. 24, No. 5, December 2014, pp. 470-485, **Christopher T. Whelan***, **Bertrand Maître**.

Reports and Other Publications

Gender and the Quality of Work: From Boom to Recession, The Equality Authority and the ESRI, Dublin, **Helen Russell**, **Frances McGinnity**, **Gillian Kingston**.

The Economics of Disability: Insights from Irish Research, Manchester University Press, Manchester, **John Cullinan***, **Seán Lyons**, Brian Nolan.

Trends in Economic Stress and the Great Recession in Ireland: An Analysis of the CSO Survey on Income and Living Conditions (SILC), Department of Social Protection, Dublin, **Bertrand Maître**, **Helen Russell**, **Christopher T. Whelan***.

Understanding Emotional, Psychological and Mental Health (EPMH) Disability in Ireland: Factors Facilitating Social Inclusion, ESRI and the National Disability Authority, Dublin, **Dorothy Watson**.

Winners and Losers? The Equality Impact of the Great Recession in Ireland, The Equality Authority and the ESRI, Dublin, **Frances McGinnity**, **Helen Russell**, **Dorothy Watson**, **Gillian Kingston**, **Elish Kelly**.

Chapters in Books and Reports

“Ireland: Inequality and its Impacts in Boom and Bust”, Brian Nolan, **Christopher T. Whelan***, Emma Calvert, Tony Fahey, Deirdre Healy, Aogan Mulcahy, **Bertrand Maître**, Michelle Norris, Ian O’Donnell, Nessa Winston in Brian Nolan (ed.), *Changing Inequalities and Societal Impacts in Rich Countries: Thirty Countries’ Experiences*, Oxford: Oxford University Press, 2014.

*Denotes ESRI Research Affiliate

SOCIAL INCLUSION AND EQUALITY

“The Private Economic Costs of Adult Disability”, **John Cullinan***, **Seán Lyons** in **John Cullinan***, **Seán Lyons**, Brian Nolan (eds.), *The Economics of Disability: Insights from Irish Research*, Manchester: Manchester University Press, 2014.

“The Role of Economic Analysis in Supporting Disability Policy”, **John Cullinan***, **Seán Lyons**, Brian Nolan in *The Economics of Disability: Insights from Irish Research*, Manchester: Manchester University Press, 2014.

Presentations/Papers Read to Conferences and Learned Societies

“Disability and Discrimination in Ireland”, ‘Disability Through the Life Course’, ESRI, Dublin, September, **Fran McGinnity**, **Dorothy Watson**.

“Disability, Poverty and Social Exclusion in Ireland”, ‘Cost of Disability’ Seminar, Inclusion Ireland, Dublin, September, **Dorothy Watson**.

“Emotional, Psychological and Mental Health (EPMH) Disability in Ireland: Factors Facilitating Social Inclusion”, ‘Disability Through the Life Course’, ESRI, Dublin, September, **Dorothy Watson**, **Bertrand Maître**.

“Household Joblessness: Research Findings & Policy Implications”, UCD Social Protection Policy Workshop: UCD Social Protection Policy Summer School, Geary Institute, UCD, Dublin, September, **Dorothy Watson**, **Bertrand Maître**.

“Household Joblessness”, UCD Social Protection Policy Workshop: ‘Challenges and Opportunities for Social Protection Policy in Post-Recession Ireland’, UCD/Geary Institute, Dublin, September.

“Income Class and Social Class Perspective on the Squeezed Middle Class: Material Deprivation, Economic Stress and the Great Recession in Ireland”, Consortium for Sociological Research, WZB, Berlin, Germany, September, **Helen Russell**, **Bertrand Maître**, **Christopher T. Whelan***.

“In-Work Poverty in Ireland: an Analysis of SILC 2004-2010”, PREWO Seminar, SFI, Copenhagen, Denmark, February, **Dorothy Watson**, **Christopher T. Whelan***, **Bertrand Maître**.

“Labour Market Experiences of Irish Women and Men With a Disability in 2004 and 2010”, ‘Disability Through the Lifecourse’ Conference, ESRI, Dublin, September, **Dorothy Watson**, **Gillian Kingston**, **Fran McGinnity**.

“The Impact of the Crisis on Poverty and Vulnerability”, UCD Social Protection Policy Workshop: ‘Challenges and Opportunities for Social Protection Policy in Post-Recession Ireland’, UCD/Geary Institute, Dublin, September, **Helen Russell**, **Bertrand Maître**, **Christopher T. Whelan*** (UCD).

“Winners and Losers? the Equality Impact of the Great Recession in Ireland”, ‘Social Inequalities in Europe - on the Rise Again?’, European Consortium for Sociological Research, Berlin, Germany, September, **Fran McGinnity**, **Helen Russell**, **Gillian Kingston**.



Dr Dorothy Watson (ESRI) and Ms Siobhán Barron (Chief Executive, National Disability Authority), launching the joint ESRI-NDA report *Understanding Emotional, Psychological and Mental Health (EPMH) Disability in Ireland: Factors Facilitating Social Inclusion*.

HEALTH AND QUALITY OF LIFE

Research Area Coordinators: Richard Layte, Maev-Ann Wren and Helen Russell

Other members of staff who work in this area include: Aoife Brick, Patricia Carney, Sheelah Connolly, Nathan Cunningham, Elish Kelly, Pete Lunn, Bertrand Maître, Frances McGinnity, Aisling Murray, Anne Nolan, Amanda Quail, Michael Savage, Samantha Smith, Maeve Thornton, Dorothy Watson

The Health and Quality of Life research area at the ESRI has four overall objectives:

To examine the pattern of variation in health and well-being across the population and its relationship to factors such as socio-economic position and work environment.

To analyse the structure and functioning of the Irish health-care system and its implications for the quality of individual care, economic efficiency and sustainability and the equity of health-care utilisation.

To analyse health and social spending: what drives spending, its macroeconomic effect on the national finances and the economy, and at a microeconomic level, the cost of disease and the cost effectiveness of treatment.

To investigate the contributors to quality of life under the headings: health, safety and well-being at work; subjective well-being and social solidarity; work-life balance; and participation in sports and physical activity.

In 2014 health research focused on: child development and well-being; risk of caesarean section; obesity and maternal health behaviours; trends in socio-economic mortality differentials; the economic evaluation of stroke rehabilitation and palliative care; primary care reform; and economic assessment of proposals for Universal Health Insurance. Quality of life research focused on: occupational injuries and illness; cross-national differences in risks and hazards in the workplace; work-life balance; the mental health of older people; and international frameworks for the analysis of quality of life.

Economic evaluations of palliative care and stroke rehabilitation in Ireland, funded respectively by **The Atlantic Philanthropies** and **The Irish Heart Foundation/Health Service Executive (HSE)**, examined evidence on the costs and effectiveness of alternative models of care.

Research funded by the **Health Research Board** examined changes in socio-economic inequalities in mortality differentials during the 'Celtic Tiger' period and (with researchers from UCD) analysed the reasons for the increasing use of caesarean section in Irish hospitals. Other health research used data from the *Growing Up in Ireland (GUI)* project to examine the influence of parental characteristics, social position and local environment on child health and development, and *GUI* data were also used to provide evidence for the **HSE/Department of Health** on the use of GP services by those aged under six years.

In July 2014, the ESRI commenced a major three-year programme of research funded by the **Department of Health** to support the Department's reform programme. The programme will encompass a range of specific projects including: the economic assessment of different financing, organisational and eligibility models in terms of sustainability, efficiency, cost and effectiveness; and the development of models of the drivers of health and long-term care need and demand.

Research funded under the **Health and Safety Authority** research programme investigated how changes in the structure of work and the composition of the labour force over the last decade have influenced patterns of work-related injury and ill health in Ireland and identified the characteristics of workers and type of work arrangements that increase risk. It also examined how the exposure to risks and outcomes for workers in Ireland compares to that in other countries and considered whether risk factors have changed over time.

Work with TILDA, the longitudinal study of ageing investigated issues such as the effect of family emigration on older people's mental health and documented the long-term physical and mental health legacies of childhood sexual abuse. The European Foundation published research by ESRI researchers on the dimensions of quality of life across Europe.

HEALTH AND QUALITY OF LIFE

Ongoing involvement in the European Social Survey included research on the institutional influences on work-life balance across Europe.

Research into patterns of participation in physical exercise, following up on previous research funded by the **Irish Sports Council**, is set to continue with a new project agreed with the **IRFU** in late 2014.



Dr Siobhan Crichton (Kings College, London), Dr Paddy Gillespie (NUI Galway), Dr Mae-v-Ann Wren (ESRI), Professor Anne Hickey and Dr Frances Horgan (RCSI) at the launch of the ESRI/IHF report on stroke rehabilitation.

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|--|--|--|-------------------|
| Health-Care Reform | Department of Health | M.-A. Wren, P. Carney, S. Connolly, N. Cunningham, R. Layte | In Progress |
| Inter-Sectoral Analysis of Need For, and Utilisation and Supply of, Health Services by Area in Ireland | Health Research Board | M.-A. Wren, R. Layte, E. Morgenroth, S. Smith | In Progress |
| Caesarean Section Rates in Irish Maternity Hospitals | Health Research Board | R. Layte, A. Brick | In Progress |
| Inequalities in Access to GP Care in Ireland | Health Research Board | A. Barrett, S. Lyons, A. Nolan | In Progress |
| Trends in Socio-Economic Inequalities in Mortality in Ireland 1986-2006 | Health Research Board | R. Layte, A. Nolan | In Progress |
| Research Programme on Health, Safety and Well-Being at Work | Health and Safety Authority | H. Russell, B. Maître D. Watson | In Progress |
| Provision of Free GP Care for Children Aged Under 6 years | Health Service Executive | P. Gorecki, R. Layte, A. Nolan, F. Ruane, S. Thomas (TCD) | Completed |
| Stroke Rehabilitation in Ireland | Irish Heart Foundation, Health Service Executive | M.-A. Wren, S. Crichton (King's College London), P. Gillespie (NUIG), A. Hickey (RCSI), F. Horgan (RCSI) K. Kearns, S. Smith, M. Wiley | Completed |
| Participation in Rugby in Ireland | IRFU | P. Lunn, E. Kelly | In Progress |
| Survey Design Consultancy on Face to Face Survey of National Probability Sample of Adults for ESS Round 7 in Ireland | Amárach | D. Watson | In Progress |
| Economic Evaluation of Palliative Care in Ireland | The Atlantic Philanthropies | A. Brick, C. Normand (TCD), S. Smith, S. O'Hara | In progress |

Journal Articles

“Biological Risk versus Socio-economic Advantage: Low Birth-weight, Multiple Births and Income Variations Among Irish Infants Born following Fertility Treatments”, *Irish Journal of Medical Science*, Vol. 183, Issue 4, December 2014, pp. 667-670, **Aisling Murray**.

“Childhood Sexual Abuse and Later-Life Economic Consequences”, *Journal of Behavioral and Experimental Economics*, Vol. 53, pp. 10-16, **Alan Barrett**, Yumiko Kamiya, **Vincent O’Sullivan***.

“Ethnic Variation in Breastfeeding and Complimentary Feeding in the Republic of Ireland”, *Nutrients*, Vol. 6, No. 5, 2014, pp. 1832-1849, Patricia Dominguez Castro, **Richard Layte**, John Kearney.

“Evidence on the Cost and Cost-effectiveness of Palliative Care: A Literature Review”, *Palliative Medicine*, Vol. 28, No. 2, February 2014, pp. 130-150, **Samantha Smith***, **Aoife Brick**, **Sinead O’Hara**, Charles Normand.

“Explaining the Increase in Breastfeeding at Hospital Discharge in Ireland, 2004 – 2010”, *Irish Journal of Medical Science*, Vol. 183, No. 3, September 2014, pp. 333-339, **Aoife Brick**, **Anne Nolan**.

“Maternal Country of Birth Differences in Breastfeeding at Hospital Discharge in Ireland”, *The Economic and Social Review*, Vol. 45, No. 4, Winter 2014, pp. 455-484, **Anne Nolan**, **Aoife Brick**.

“Smoking Outside: the Effect of the Irish Workplace Smoking Ban on Smoking Prevalence among the Employed”, *Health Economics, Policy and Law*, Vol. 9 Issue 4, pp. 407-424, **Michael Savage**.

“The Influence of Ethnicity on Breastfeeding Rates in Ireland: a Cross-sectional Study”, *Journal of Epidemiology and Community Health*, Vol. 68, Issue 4, April 2014, pp. 356-362, Emma L. Ladewig, Catherine Hayes, John Browne, **Richard Layte**, Udo Reulbach.

“Who Feels Inferior? A Test of the Status Anxiety Hypothesis of Social Inequalities in Health”, *European Sociological Review*, Vol. 30. No. 4, 2014, pp. 525-535, **Richard Layte**, **Christopher T. Whelan***.

Reports and Other Publications

A New Look at the Recession and Ireland’s Older People: The Emigration of Adult Children and the Mental Health of their Parents, The Irish Longitudinal Study on Ageing (TILDA), Dublin, **Irene Mosca***, **Alan Barrett**.

Developing a Country Typology for Analysing Quality of Life in Europe, European Foundation for the Improvement of Living and Working Conditions, Dublin, **Dorothy Watson**, **Bertrand Maitre**, **Gillian Kingston**.

Obesity in an Ageing Society: Implications for Health, Physical Function and Health Service Utilisation, The Irish Longitudinal Study on Ageing, TCD, Dublin, Siobhán Leahy, **Anne Nolan**, Jean O’Connell, Rose Anne Kenny.

The Over 50s in a Changing Ireland: Economic Circumstances, Health and Well-Being, TILDA, Dublin, **Anne Nolan**, Claire O’Regan, Cara Dooley, Doireann Wallace, Ann Hever, Hilary Cronin, **Eibhlin Hudson***, Rose Anne Kenny (eds.).

Towards Earlier Discharge, Better Outcomes, Lower Cost: Stroke Rehabilitation in Ireland, Report prepared for the Irish Heart Foundation by the Economic and Social Research Institute (ESRI) and the Royal College of Surgeons in Ireland (RCSI), Dublin, **Maev-Ann Wren**, **Paddy Gillespie***, **Samantha Smith***, Karen Kearns, Siobhan Crichton, David Parkin, Anne Hickey, Frances Horgan, **Miriam M. Wiley***.

Chapters in Books and Reports

“Health: Funding, Access and Efficiency”, **Anne Nolan** in John O’Hagan, Carol Newman (eds.), *The Economy of Ireland: National and Sectoral Policy Issues*, pp. 314-337, Dublin: Gill & Macmillan, 2014.

“The Economics of Dementia”, **Paddy Gillespie***, **Sheelah Connolly**, **John Cullinan***, **Seán Lyons**, Brian Nolan (eds.), *The Economics of Disability: Insights from Irish Research*, 2014, Manchester University Press.

“Work-Life Conflict in Europe”, **Frances McGinnity** in Alex C. Michalos (ed.), *Encyclopedia of Quality of Life and Well-Being Research*, pp. 7233-7236, Dordrecht: Springer, 2014.

HEALTH AND QUALITY OF LIFE

ESRI Research Bulletins

“The Long-Term Impact of Childhood Sexual Abuse on Incomes and Labour Force Status”, ESRI Research Bulletin No. 2014/3/1, **Alan Barrett**, Yumiko Kamiya, **Vincent O’Sullivan***.

ESRI Working Papers

WP476: “Who Feels Inferior? A Test of the Status Anxiety Hypothesis of Social Inequalities in Health”, **Richard Layte**, **Christopher T. Whelan**.

WP483: “Worth a Try: A Statistical Analysis of Brian O’Driscoll’s Contribution to the Irish Rugby Team”, **Pete Lunn**, **David Duffy**.

Presentations/Papers Read to Conferences and Learned Societies

“An Econometric Analysis Using Panel Data Methods of the Effects on Acute Hospital Bed Utilisation Across 17 OECD Countries in the Years 1985-2006 of Population Age, Deaths and Convergence Between Male and Female Life Expectancies”, 10th International Health Economics Association World Congress: ‘Health Economics in the Age of Longevity’, Joint iHEA & ECHE Congress, Dublin, July, **Maev-Ann Wren**.



Professor Joseph Harbison (St James’s Hospital/Trinity College Dublin), ESRI Director Professor Frances Ruane, Mr Barry Dempsey (Irish Heart Foundation), Dr John Devlin (Department of Health) at the launch of the report *Towards Earlier Discharge, Better Outcomes, Lower Cost: Stroke Rehabilitation in Ireland*

CHILDREN AND YOUNG PEOPLE

Research Area Coordinator: James Williams

Others working in this area include: Merike Darmody, Richard Layte, Bertrand Maître, Selina McCoy, Frances McGinnity, Aisling Murray, Anne Nolan, Amanda Quail, Helen Russell, Emer Smyth, Maeve Thornton, Dorothy Watson.

Most of the research in this area in 2014 was based on data from the *Growing Up in Ireland* project. It covers the key domains in the lives of children and young people, including their health and physical development; their education and cognitive development; and their socio-emotional well-being. Research was carried out in collaboration with researchers from across a range of areas in the Institute, including Education, Communications, Migration, Integration and Demography and Health and Quality of Life.

Research in 2014 indicated that at nine months of age there is little evidence of a significant income gradient in terms of child health (the exception being for chronic illness, where children from higher income families are more likely to record a 'doctor diagnosed' chronic illness). The effects of mother's education are more significant and persist even when accounting for other influences. This contrasts with the evidence in respect of 9-year-olds where a significant income gradient in some health-related outcomes was observed.

In terms of educational development and school engagement, research among 9-year-olds showed that school disaffection was a multidimensional phenomenon, associated with a number of personal and institutional factors. Higher levels of disengagement were found not only for boys and children from more disadvantaged backgrounds, but also for those with special educational needs, poorer relationships with their teachers and behavioural adjustment issues, as well as among those attending schools with inadequate resources, including teacher numbers.

Issues around school engagement as well as the way children perceived themselves (self-concept) were investigated using data from the 9-year cohort. The findings showed important gender differences in terms of the affective elements of school engagement, with boys more likely than girls to score significantly lower on measures of 'good' behaviour and intellectual status within school, while girls scored significantly lower than boys on freedom from anxiety. The finding illustrated that predictors of disengagement extend beyond gender, with children from disadvantaged backgrounds and those with special educational needs faring less well in terms of school engagement.

Research also covered economic vulnerability, its persistence among children with families and its relationship to the child's socio-emotional well-being. As might be expected, a substantial increase in the level of economic vulnerability among families was observed over recent years, with levels of joblessness and financial stress increasing significantly. The research also indicated that the profile of families experiencing economic vulnerability had changed over the preceding five years. Specifically, as the recession progressed it drew into economic vulnerability a broader group of families, such as two-parent families and those with higher levels of education. Persistent vulnerability had more effect on the child's socio-emotional well-being than transitory vulnerability, with the age and education of the child's main caregiver, as well as family type, acting as protective factors.

| Project or Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|--|--|--|-------------------|
| <i>Growing Up In Ireland</i> (Phase 1) | Department of Children and Youth Affairs | J. Williams, A. Murray, K. O'Brien A. Quail, M. Thornton | In Progress |

CHILDREN AND YOUNG PEOPLE

Journal Articles

"Affective School Engagement and Self-Concept: How are Irish Boys and Girls Faring?", *Child Indicators Research*, Vol. 7, Issue 4, pp. 843-859, **Denise Frawley, Selina McCoy, Joanne Banks, Maeve Thornton**.

"Ethnic Variation in Breastfeeding and Complimentary Feeding in the Republic of Ireland", *Nutrients*, Vol. 6, No. 5, 2014, pp. 1832-1849, Patricia Dominguez Castro, **Richard Layte**, John Kearney.

"Multigrade Teaching and Age Composition of the Class: The Influence on Academic and Social Outcomes Among Students", *Teaching and Teacher Education*, Vol. 43, October 2014, pp. 89-90, **Amanda Quail, Emer Smyth**.

"Socio-Economic Inequalities in Child Health in Ireland", *The Economic and Social Review*, Vol. 45, No. 1, Spring 2014, pp. 25-64, **Richard Layte, Anne Nolan**.

"The Effects of School Social Mix: Unpacking the Differences", *Irish Educational Studies*, Vol. 33, Issue 3, 2014, pp. 307-330, **Selina McCoy, Amanda Quail, Emer Smyth**.

Reports and Other Publications

Growing Up in Ireland: Dynamics of Child Economic Vulnerability and Socio-Emotional Development - An Analysis of the First Two Waves of the Growing Up in Ireland Study, Infant and Child Cohorts Report No. 1, Stationery Office/Department of Children and Youth Affairs, Dublin, **Dorothy Watson, Bertrand Maître, Christopher T. Whelan*, James Williams**.

Chapters in Books and Reports

"Resource Allocation for Students with Special Educational Needs and Disabilities", **Denise Frawley, Joanne Banks, Selina McCoy** in *The Economics of Disability: Insights from Irish Research*, Manchester: Manchester University Press, 2014.

ESRI Research Bulletins

"Multigrade Teaching and Age Composition of the Class: The Influence on Academic and Social Outcomes Among Students", ESRI Research Bulletin No. 2014/3/2, **Amanda Quail, Emer Smyth**.

"Why Does School Social Mix Matter?", ESRI Research Bulletin No. 2014/3/4, **Selina McCoy, Amanda Quail, Emer Smyth**.

Presentations/Papers Read to Conferences and Learned Societies

"Does Time Spent Watching Television in Early Childhood Affect Socio-Emotional Development?", 'Growing Up in Ireland' 6th Annual Research Conference, ESRI/TCD, Dublin, November, **Aisling Murray**, Suzanne Egan (MIC, UL).

"Dynamics of Child Economic Vulnerability and Socio-Emotional Development", 'Growing Up in Ireland' 6th Annual Research Conference, ESRI/TCD, Dublin, November, **Dorothy Watson, Bertrand Maître, James Williams, Christopher T. Whelan***.

"Exploring Cultural Influences on Breastfeeding", 'Growing Up in Ireland' 6th Annual Research Conference, ESRI/TCD, Dublin, November, **Aisling Murray, James Williams**.

"Growing Up in Ireland Data Workshop", 'Growing Up in Ireland Data' Workshop, ESRI, Dublin, February, **Amanda Quail**.

"Low Mood Among 13-Year-Olds in Ireland", 'Growing Up in Ireland' 6th Annual Research Conference, ESRI/TCD, Dublin, November, Mark Morgan, **James Williams, Maeve Thornton**.

"Research and Policy Interface: the Experience of Growing Up in Ireland and Growing Up in Scotland", 'Lives in Translation Life Course Research and Social Policies', Society for Longitudinal and Life Course Studies, Lausanne, Switzerland, October, **Aisling Murray, James Williams**.

"Research And Policy Interface: The Experience Of Growing Up In Ireland And Growing Up In Scotland", SLLS International Conference, SLLS, Lausanne, Switzerland, October, **Aisling Murray, James Williams**.

"Surveying Children and Young People for Growing Up in Ireland: Participation, Protection and Practicalities", UL Psychology Department Seminar Series, University of Limerick, Limerick, October, **Aisling Murray**.

BEHAVIOURAL ECONOMICS

Research Area Coordinator: Pete Lunn

Researchers Working in this Area: Marek Bohacek, Seán Lyons, Feidhlim McGowan, Jason Somerville.

Behavioural economics is a growing international area of research that is producing new research findings and applications to policy. The approach is influenced by experimental psychology and involves taking an inductive approach to economic research. Research questions are addressed through repeated observation of economic behaviour, mostly through controlled experiments, in order to uncover the underlying principles of economic decision-making and behaviour. The method has important applications across a broad range of policy areas and is receiving much international attention in the context of policy design and implementation. The initial focus of the ESRI's behavioural economics programme has been its application to regulatory policy.

The largest research programme in this area is the Programme of Research Investigating Consumer Evaluations (PRICE Lab), which is co-funded by the **Central Bank of Ireland, Competition and Consumer Protection Commission, Commission for Energy Regulation and ComReg.**



Psychologist Mr Marek Bohacek conducting an experiment in behavioural economics, using a new valuation tool in the ESRI's PRICE lab.

PRICE Lab addresses fundamental questions such as: At what point does the complexity of products facing consumers make it hard for them to make good choices? What kinds of products do consumers find hard to compare? Can policymakers influence markets in ways that help consumers to make better decisions? Experiments began in the second half of 2013 and by the end of 2014 nine had been completed. These experiments assess how well consumers can spot surpluses, i.e. good deals, depending on the nature of the product. Four research papers nearing completion cover:

- Precision and Bias of Multi-Attribute Choice in a Surplus Identification Task.
- Surplus Identification with Non-Linear Returns.
- The Integration of Visual, Numeric and Categorical Information for Surplus Identification.
- How Accurately Can Humans Resolve Trade-Offs?

In 2015, the attention of PRICE Lab is turning to consumers' abilities to make choices and switches in specific markets in Ireland, including financial services, energy and telecommunications.

In addition to PRICE Lab, work in behavioural economics in 2014 concentrated on three other projects. First, the **OECD** funded and published a major review of how behavioural economics is informing regulatory policy in developed countries. Second, research was completed on the lessons of behavioural economics for the regulation of telecommunications markets, funded by **ComReg**. Lastly, workshops in behavioural economics and its potential lessons for policy were delivered at events organised by the OECD, the Department of Social Protection and the Department of Jobs, Enterprise and Innovation. Subsequently, specialist advice is now being provided to several government departments in Ireland and to some other EU governments regarding the application of behavioural economics to policymaking.

BEHAVIOURAL ECONOMICS

| Project/Programme Title | Client/Funding Agency | Researchers | Status [EOY 2014] |
|------------------------------|---|-------------|-------------------|
| Price Lab Research Programme | Central Bank of Ireland, Competition and Consumer Protection Commission, Commission for Energy Regulation, ComReg | P. Lunn | In Progress |

Journal Articles

“Researchers Imply, Policymakers Infer: the Relationship Between Evidence and Policy”, *Journal of the Statistical and Social Inquiry Society of Ireland*, Vol. XLII, 2012-13, pp. 96-108, **Pete Lunn**.

Reports and Other Publications

Regulatory Policy and Behavioural Economics, OECD, Paris, **Pete Lunn**.

ESRI Working Papers

WP477: “A Computational Theory of Willingness to Exchange”, **Pete Lunn**, Mary Lunn.

WP479: “What Can I Get For It? The Relationship Between the Choice Equivalent, Willingness to Accept and Willingness to Pay”, **Pete Lunn**, Mary Lunn.

Presentations/Papers Read to Conferences and Learned Societies

“A Test of the Efficiency of Multi-Attribute Valuations”, Network for Integrated Behavioural Science Workshop, University of Nottingham, Nottingham, UK, May, **Pete Lunn**.

“An Introduction to PRICE Lab”, Seminar for PRICE Lab Funders, Central Bank of Ireland, Dublin, September, **Pete Lunn**.

“Banking and Blackjack: Where Does Gambling End and Strategy Begin?”, Trinity Economic Forum, TCD, Dublin, February, **Pete Lunn**.

“Behavioural Economics and Consumer Protection in Financial Services”, Irish Society of European Lawyers, Mason, Hayes & Curran, Dublin, November, **Pete Lunn**.

“Evidence, Policy and the Behavioural Science Revolution”, Social Policy Summer School, Queens University, Belfast, August, **Pete Lunn**.

“Do Consumers Value Products They Are Familiar With More Accurately? An Experiment With the Dublin Housing and Broadband Markets”, Irish Economics and Psychology Conference, Geary Institute, UCD, Dublin, October, **Pete Lunn**, **Marek Bohacek**.

“Lessons from Behavioural Economics for Regulatory Delivery”, Department of Jobs, Enterprise and Innovation Workshop on Inspection and Enforcement, Department of Jobs, Enterprise and Innovation, Dublin, December, **Pete Lunn**.

“Regulatory Policy and Behavioural Economics”, Consumer Policy Committee, OECD, Paris, France, October, **Pete Lunn** and OECD Behavioural Economics Workshop, OECD, Paris, France, March, **Pete Lunn**.

“The “Objective Valuation” Task: a New Technique for the Study of Product Complexity”, Dublin Behavioural and Economic Finance Colloquium, TCD, Dublin, December, **Pete Lunn**.

“The Integration of Visual, Numeric and Categorical Information in Judgements of Value”, Irish Economics and Psychology Conference, Geary Institute, UCD, Dublin, October, **Marek Bohacek**, **Pete Lunn**.

“The Objective Valuation Task: a New Way to Assess Consumer Decision-Making Capability”, Seminar, Financial Conduct Authority, London, UK, January, **Pete Lunn**.

“The Precision and Efficiency of Multi-Attribute Valuations”, Foundations of Utility and Risk, Erasmus University, Rotterdam, Netherlands, July, **Pete Lunn**.

NATIONAL STUDY OF CHILDREN (GROWING UP IN IRELAND)

Growing Up in Ireland is a Government-funded study of children led jointly by the ESRI and Trinity College Dublin. The project began seven years ago and has followed the progress of two groups of children: 8,500 9-year-olds and 11,000 9-month-olds.

Throughout 2014, work continued on *Growing Up in Ireland (GUI)*, the national longitudinal study of children and young people, which is being implemented by a consortium of researchers led by the ESRI and Trinity College Dublin. This programme is funded by the **Department of Children and Youth Affairs** in association with the **Department of Social Protection** and the **Central Statistics Office**.

Data collection on the 5-year-olds in the Infant Cohort was completed in 2014, with the final stage involving interviews with school principals and other teachers. Preparations for deposit of the final wave of data from the project in the national data archive continued throughout the year. Three data workshops were held during the year. These were very well attended by participants from researcher, policymaker and other stakeholder groups.

A major report on the dynamics of child economic vulnerability and its association with socio-emotional development was published in November. This provided an in-depth analysis of changes in economic vulnerability among children and families as Ireland moved from economic boom to recession. It focused in detail on the relationship between changes in a family's economic vulnerability and the child's socio-emotional development. The study showed the powerful analysis that is possible when full use is made of the longitudinal nature of the study, which allowed it to explore dynamics in both the Infant and Child Cohorts: at 9 months; 3 years; 9 years and 13 years of age.

The *Growing Up in Ireland* Annual Research Conference in November was opened by the Minister for Children and Youth Affairs Mr James Reilly T.D. It included 23 papers based on the *GUI* data from the Child and Infant Cohorts, prepared by researchers from 14 institutions in Ireland. These covered a wide range of topics including: school performance and engagement with education; health; socio-emotional development, temperament and low mood among early adolescents; peer relationships; minority integration and inter-cultural family formation; maternal employment dynamics and adolescent outcomes; use of the Public Health Nurse Service;

sleep duration and overweight; and neighbourhood effects on physical activity levels. The numerous research papers and reports by ESRI researchers using *GUI* data during 2014 are listed under the relevant research areas above.

Following on from the Government's announcement in 2013 of its decision to continue to survey the children in the Infant Cohort and the young adults in the Child Cohort, the commencement of a public procurement process began in 2014 for data collection in the second phase of the project, covering the years 2015-2019. This next phase will survey the Infant Cohort at 9 years, allowing for a rich comparison between children in both cohorts. It will survey the older cohort twice, at 17 years and 20 years respectively, providing a rich insight into the world of 9,000 young people in the latter stage of second-level education and as they enter into further or higher education or into the labour market. The ESRI and Trinity College made a successful joint submission to lead the project, and preparations are currently underway to begin fieldwork.



At the launch of *Growing Up in Ireland: Dynamics of Child Economic Vulnerability and Socio-Emotional Development - An Analysis of the First Two Waves of the Growing Up in Ireland Study*: Professor James Williams, ESRI, Millie Palmer, age 17 months, Carrie Staunton, age 9, Carla Hudson, age 13, Mr Bertrand Maître, ESRI, Dr James Reilly T.D., Minister for Children and Youth Affairs, Dr Dorothy Watson, ESRI, Ciara Lyons, age 8 weeks

NATIONAL STUDY OF CHILDREN (GROWING UP IN IRELAND)



At the launch of *Growing Up in Ireland: Dynamics of Child Economic Vulnerability and Socio-Emotional Development - An Analysis of the First Two Waves of the Growing Up in Ireland Study*:

(Clockwise, from top left)

Professor Susan McVie, University of Edinburgh, Dr Dorothy Watson, ESRI, Dr James Reilly T.D., Minister for Children and Youth Affairs, Professor James Williams, ESRI, Mr Bertrand Maître, ESRI.

Dorothy Watson, ESRI.

Carrie Staunton, age 9, Carla Hudson, age 13, with Dr James Reilly T.D., Minister for Children and Youth Affairs.

Carla Hudson, age 13, Lola Glennon, age 3 and Carrie Staunton, age 9.

NATIONAL STUDY OF CHILDREN (GROWING UP IN IRELAND)



EXTERNAL STAFF COMMITMENTS

A. BARRETT

- (i) Member, Irish Fiscal Advisory Council
- (ii) Member, Economic and Social Studies Council
- (iii) Research Fellow, Institute for the Study of Labour (IZA), Bonn
- (iv) Co-Editor, *Journal of European Labor Studies*, IZA.

A. MURRAY

- (i) Member, Social Sciences Committee, Royal Irish Academy.

A. BERGIN

- (i) Member, CSO Expert Group on Population and Labour Force Projections
- (ii) Council Member, Irish Economics Association.

T. CALLAN

- (i) Research Fellow, Institute for the Study of Labour (IZA), Bonn
- (ii) Member, Technical Advisory Group of Social Inclusion Division, Department of Social Protection
- (iii) Member, International Scientific and Advisory Board, *Institute of Public Policy Thomas Jefferson – Correia da Serra, Lisbon*.

J. CURTIS

- (i) Member, Water Statistics Steering Group, Department of Environment, Community and Local Government
- (ii) Member, Technical Group on Climate Change, Department of an Taoiseach
- (iii) PhD Co-Supervisor, UCC.

M. DARMODY

- (i) Associate Editor, *European Sociological Review*; Member of Editorial Board: 'Social Inclusion'; 'Estonian Journal of Educational Research'

- (ii) Reviewer, *Journal of Further and Higher Education*; *Race Ethnicity and Education*; *Irish Educational Studies*; *TRAMES: A Journal of the Humanities and Social Sciences*”, official publication of the Estonian Academy of Sciences and the University of Tartu, Estonia; *European Sociological Review*
- (iii) Member, International Integration Steering Committee (TCD)
- (iv) Member, Executive Committee, Educational Studies Association of Ireland (Hon. Secretary)
- (v) Co-supervisor of a PhD thesis; Department of Sociology, TCD
- (vi) Co-supervisor of a MA thesis; Department of Education, St. Patrick’s College
- (vii) Member of European policy network on the education of children and young people with migration background
- (viii) Contribution to *Race and Education and Social Inequalities* modules; Department of Sociology, TCD
- (ix) Delivery of advanced research methods workshops to PhD students, *Mixed Methods Research*; Department of Sociology, TCD.

J. FITZGERALD

- (i) Member Independent Expert Panel – Grid25
- (ii) Member, Central Bank Commission
- (iii) Member, UCD External Advisory Board on Energy Research.
- (iv) Président, Association d’Instituts Européens de Conjoncture Economique.
- (v) PhD Examiner, UCD

E. KELLY

- (i) Member, CSO Enterprise Statistics Liaison Group.

EXTERNAL STAFF COMMITMENTS

G. KINGSTON

- (i) Teaching Assistant, Trinity College Dublin.

R. LAYTE

- (i) Director, Centre for Longitudinal Studies in Ireland
- (ii) Member, Economic and Social Council
- (iii) Associate Editor, *Longitudinal and Lifecourse Studies*.

P. LUNN

- (i) Advisor to the OECD on Behavioural Economics and Regulation
- (ii) Member, Academic Advisory Forum of National Consumer Agency.

S. LYONS

- (i) Honorary Secretary, Statistical and Social Inquiry Society of Ireland
- (ii) Co-Supervisor, three Ph.D. Candidates, Department of Economics, TCD.

B. MAITRE

- (i) Member, Technical Advisory Group of Social Inclusion Division, Department of Social Protection.

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- (ii) Adjunct Professor, School of Education, Trinity College Dublin
- (iii) Member, International Editorial Board, CAISE Review, Hong Kong
- (iv) External Reviewer, Royal Irish Academy
- (v) Irish Expert on Education and Training, European Commission.

F. MCGINNITY

- (i) Co-supervisor, Ph.D. candidate in Department of Sociology, Trinity College Dublin
- (ii) Examiner, Ph.D. candidate, Trinity College Dublin

- (iii) Council Member, Economic and Social Studies
- (iv) Associate Editor, Work, Employment and Society
- (v) Member, Advisory Board, New Irish Families Project
- (vi) Member, Research Advisory Committee, Equality in Working, Learning and Caring

S. MCGUINNESS

- (i) Adjunct Associate Professor, National Institute of Labour Studies, Flinders University, Adelaide, Australia
- (ii) Research Fellow, IZA.

K. MCQUINN

- (i) Adjunct Professor of Economics, University College Cork
- (ii) Associate Editor, The Economic and Social Review
- (iii) Council Member, Economic and Social Studies
- (iv) Council Member, Irish Economics Association.

E. MORGENROTH

- (i) Member, Irish Branch Committee, Regional Studies Association
- (ii) Member, National Economic and Social Council (NESC)
- (iii) Member, Public Service Evaluation Network, Department of Public Expenditure and Reform
- (iv) Board Member, Sustainable Energy Authority of Ireland (SEAI)
- (v) Member, Audit Committee, Sustainable Energy Authority of Ireland (SEAI)
- (vi) Member, Policy Committee, Sustainable Energy Authority of Ireland
- (vii) Member, CSO Expert Group on Population and Labour Force Projections
- (viii) Member, CER/Bord Gáis Gas Innovation Group.

EXTERNAL STAFF COMMITMENTS

A. NOLAN

- (i) Reviewer, UK National Institute for Health, Research Evaluation, Trials and Studies Coordinating Centre (NETSCC)
- (ii) Member, Steering Group, Healthy and Positive Ageing Initiative (HaPAI)
- (iii) Member, TCD School of Medicine Health Policy and Engagement Committee
- (iv) Secretary, Health Economics Association of Ireland
- (v) Member, CSO Enterprise Statistics Liaison Group.

C. O'TOOLE

- (i) Member, Editorial Board, *Journal of International and Economic Policy*.

F. RUANE

- (i) Member, Editorial Board, *International Review of Economics and Finance*
- (ii) Research Associate, Institute for International Integration Studies, Trinity College, Dublin
- (iii) Honorary Professor, Department of Economics, Trinity College, Dublin
- (iv) Council Member, The Statistical and Social Inquiry Society of Ireland
- (v) Council Member, Economic and Social Studies
- (vi) Council Member, Royal Irish Academy
- (vii) Member, Council of Economic Advisors to the First Minister of Scotland
- (viii) Member, Economic Advisory Group, Department of Enterprise, Trade and Industry, Northern Ireland
- (ix) Member, National Pensions Reserve Fund Commission
- (x) Member, Oversight Board to the Irish Government Economic and Evaluation Service (IGEES)
- (xi) Chair, Expert Advisory Group for the Expert Area Based Childhood Programme 2013-2016.

H. RUSSELL

- (i) Associate Journal Editor, the Economic and Social Review
- (ii) Chairperson of National Steering Group, European Social Survey
- (iii) Irish representative on ESS ERIC General Assembly
- (iv) Member of Technical Advisory Group on Social Inclusion, Department of Social Protection
- (v) Member of Advisory Group on pregnancy discrimination, Equality and Human Rights Commission, UK and Department for Business, Innovation and Skills UK.

E. SMYTH

- (i) Co-editor, *Irish Educational Studies*
- (ii) Committee Member, European Transitions in Youth Network
- (iii) Chair, Inclusive Research in Irish Schools (IRIS) Steering Group
- (iv) Chair, Music Generation Research Board
- (v) Member, European Social Survey Steering Group
- (vi) External Examiner, M.A. in Applied Sociology, University of Limerick.

I. SIEDSCHLAG

- (i) Member, Expert Group on Growth, European Commission, Directorate General Joint Research Centre
- (ii) Member, The Competitiveness Research Network, European Central Bank
- (iii) Member, Steering Committee, European Network of Economic Policy Research Institutes (ENEPRI)
- (iv) Member, ESRI Representative, The European Money and Finance Forum (SUERF)
- (v) Research Associate, Institute for International Integration Studies, Trinity College Dublin

EXTERNAL STAFF COMMITMENTS

- (vi) Member, Editorial Board, JRC-IPTS Working Papers on Corporate R&D and Innovation, European Commission, Directorate General, Joint Research Centre
- (vii) Member, International Advisory Board, *Eastern Journal of European Studies*.
- (viii) Member, Editorial Board, *Economic Systems*.
- (ix) Member, Scientific Committee, Irish Economic Association Annual Conference.
- (x) Council Member, Irish Economic Association.
- (xi) Member, Scientific Committee, International Network for Economic Research.

D. WATSON

- (i) Member, Office for Social Inclusion, Technical Advisory Group.
- (ii) Associate Editor, *Irish Journal of Sociology*

J. WILLIAMS

- (i) Member, Advisory Panel of Experts, Lifestart Foundation, Queen's University Belfast.
- (ii) Member, TCD-ESRI Steering Group.

- (iii) Member, Steering Group, Centre for Longitudinal Studies in Ireland.
- (iv) Member, Steering Group, Society for Life Course and Longitudinal Studies
- (v) Vice Chair, Children's Research Network for Ireland and Northern Ireland

M.-A. WREN

- (i) Co-Supervisor, Ph.D. candidate, HRB Ph.D. Scholars Programme in Health Services Research, Centre for Health Policy and Management, Trinity College Dublin
- (ii) Visiting Research Fellow, Centre for Health Policy and Management, Trinity College Dublin
- (iii) Member, Research Advisory Group on Long Term Care, Council for Ageing Research and Development in Ireland (CARDI)

STAFF AT 31 DECEMBER 2014

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Claire Buckley (*HR Manager*)

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Michael Savage
Emer Smyth (*Head of Division*)
John Walsh
Dorothy Watson
Maev-Ann Wren

Note

Staff working on HIPE (Hospital In-Patient Enquiry Scheme) and NPRS (National Perinatal Reporting System) were seconded to the HSE Healthcare Pricing Office on the 1st January 2014.



Staff of the Healthcare Pricing Office (HPO) in Whitaker Square, November 2014. Absent from photo: Sinéad O'Hara.



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