



THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE



**REVIEW OF RESEARCH  
2012**



## THE ECONOMIC AND SOCIAL RESEARCH INSTITUTE

The Economic Research Institute was founded in Dublin in 1960, with the assistance of a grant from the Ford Foundation of New York. In 1966 the remit of the Institute was expanded to include social research, resulting in the Institute being renamed The Economic and Social Research Institute (ESRI).

The ESRI is governed by an independent Council which acts as the Board of the Institute with responsibility for guaranteeing its independence and integrity. The Institute's research strategy is determined by the Council in association with the Director and staff. The research agenda seeks to contribute to three overarching and interconnected goals, namely, economic growth, social progress and environmental sustainability. The Institute's research is disseminated through international and national peer reviewed journals and books, in reports and books published directly by the Institute itself and in the Institute's working paper series. Researchers are responsible for the accuracy of their research. All ESRI books and reports are peer reviewed and these publications and the ESRI's working papers can be downloaded from the ESRI website at [www.esri.ie](http://www.esri.ie)

The Institute's research is funded from a variety of sources including: an annual grant-in-aid from the Irish Government; competitive research grants (both Irish and international); support for agreed programmes from government departments/agencies and commissioned research projects from public sector bodies. Sponsorship of the Institute's activities by Irish business and membership subscriptions provide additional income.

Further information is available at [www.esri.ie](http://www.esri.ie)

# Contents



<b>Introduction</b>	<b>3</b>
<b>Economic Growth</b>	<b>6</b>
Macroeconomics	6
Internationalisation and Competitiveness	11
<b>Social Progress</b>	<b>14</b>
Equality and Integration	14
Health	17
<b>Economic Growth and Social Progress</b>	<b>23</b>
Education	23
Labour Market	29
Demography and Migration	32
Social Inclusion and Quality of Life	35
Taxation, Welfare and Pensions	40
<b>Economic Growth and Environmental Sustainability</b>	<b>43</b>
Energy	43
Environment and Natural Resources	47
Transport and Infrastructure	50
Competition and Regulation	52
<b>Surveys and Data from Administrative Records</b>	<b>55</b>
<b>Other Staff Commitments</b>	<b>58</b>
<b>Staff at 31 December 2012</b>	<b>62</b>
Donal Nevin (An Obituary)	63



At the launch of the *Centre for Longitudinal Studies in Ireland* were, (L to R), Frances Ruane (Director), President of Ireland Michael D. Higgins, Patrick Prendergast (Trinity College Dublin) and Lawrence Crowley (Chairman), 4 April 2012.

# Introduction

Against the background of uncertainty in the Euro zone for much of 2012, Ireland's modest growth performance can be seen as an achievement. In each year since the downturn, there has been a reduction in domestic demand, with the net trade balance being an important moderator of the overall decline in the economy. As a consequence we have seen unemployment rising to over 14 per cent, with high rates of youth unemployment and a rapid growth in the numbers of long-term unemployed. On the positive side, the outlook for Ireland has improved as it continued to meet the reform and fiscal targets set by the Troika.

The ESRI remains firmly focused on providing research to inform economic and social policymaking. Our research focus in any year reflects both our research strategy (published on our website) and the availability of funds for research from government departments/agencies and research bodies.

This *Review of Research* gives an overview of the research activities of the ESRI during 2012. ESRI researchers published 57 journal articles and 7 book chapters, 38 reports, 5 renewal papers in addition to the *Quarterly Economic Commentaries*, which focus on short-term issues. An innovation in 2012 was the introduction of *Research Notes*, which are published in the *Commentary*. During 2012, 28 ESRI working papers were released along with 5 research bulletins.

This Introduction gives a flavour of our research, with details of outputs by research area in the following pages.

In relation to research on *macroeconomics* and *internationalisation*, preparation has begun on

the *Medium-Term Review*, to be published in 2013. New research has started on the impact of austerity on household consumption and saving, and research is progressing on how the current patterns of specialisation in Irish exports are likely to impact on future export growth.

In the face of over a decade of exceptionally high rates of immigration and a very changed labour market situation, research projects on *equality and integration* explored evidence of discrimination towards migrants and the extent of their social integration through participation in sports. Research on *migration* found that immigrants were more likely than natives to suffer employment loss but no more likely to receive welfare benefits. Immigrants were less likely than natives to receive training, but their children had a more positive attitude to school than their native peers.

Research on *education* produced new estimates of the demographic-related changes in demand for higher education, showing a much slower rate of growth than had been estimated previously. This research has fed directly into an assessment of the sustainability of the Higher Education sector. Other research on education, based on data from the *Growing up in Ireland* study, found significant variations in the experiences of children in the primary school system.

*Labour market* research explored the impact of low levels of numeracy and literacy on long-term unemployment, and whether training programmes enhanced the employability of people with literacy and numeracy difficulties. Research on *social inclusion* focused specifically on jobless households, which have increased rapidly since

## Introduction

the start of the recession and are especially at risk of poverty. A related issue is the incentives for people who have lost jobs to take up employment. New *taxation* research on replacement ratios found that the vast majority of Irish people were better off in employment than out of work and identified the factors that were causing a relatively small proportion of people to be worse off taking up a job than staying in unemployment.

Research on *health* based on *Growing Up in Ireland* data explored the long-term impact of maternal behaviour (e.g., low breast feeding rates and smoking during pregnancy) on children's health and wellbeing. The Institute also participated in a major European study on the delivery of health services when budgets are under extreme financial pressure.

EU policies on *energy* and the *environment* impact increasingly on Ireland and much of our research in these areas involves exploring the impact of existing and proposed policies, such as the creation of a single energy market for Europe, the emissions trading system and landfill directives. Environmental factors also influenced our research on *transport* and *infrastructure*, which examined, *inter alia*, fuel rebates, rail access and the establishment of Irish Water. Related research modelled the market for broadband services, which are seen as a key infrastructure in supporting growth in service exports from Ireland.

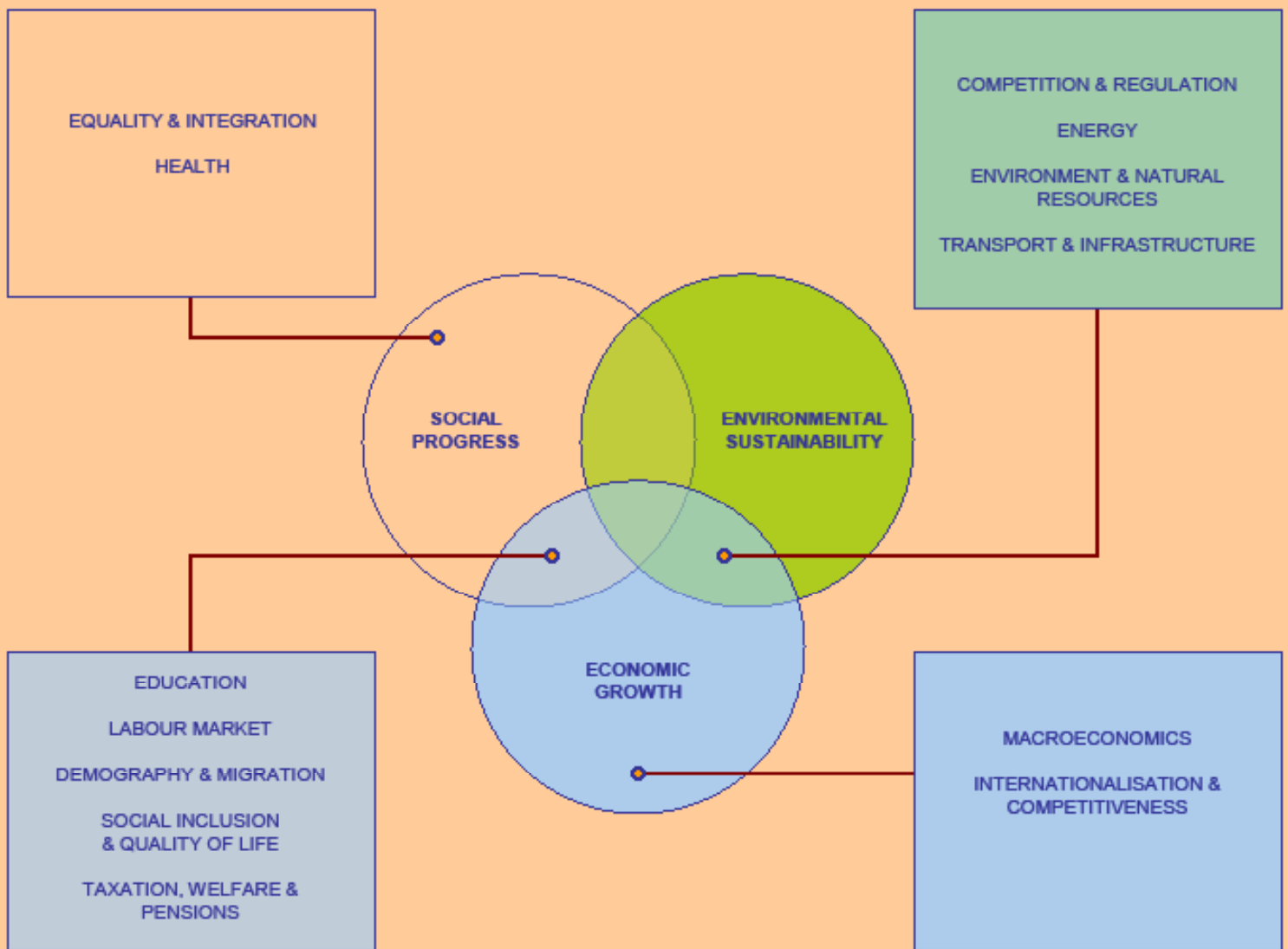
Other research undertaken in 2012 directly reflected some of the key elements in the Troika's reform agenda: increased competition in domestic markets, introduction of property taxation, distributional impacts of austerity, health sector costs and fiscal sustainability.

Our expectation is of a gradual uplift in growth over the coming two years. In light of this, our research in 2013 will focus more on medium term issues. We are in discussions with departments and agencies on new research programmes to inform key economic issues, such as housing, SME financing, enterprise growth, and key social issues such as labour activation policies, demographic change, and reform issues in health, social welfare and education.

In late 2012, the death occurred of Donal Nevin, one of the original founding members of the Institute in 1960. His contribution to the Institute as a member of its Council for four decades and his firm belief in independent research to inform policy was greatly appreciated by the staff and by his fellow Council members. There is a brief obituary on page 63.

**Frances Ruane**  
*Director*  
April 2013



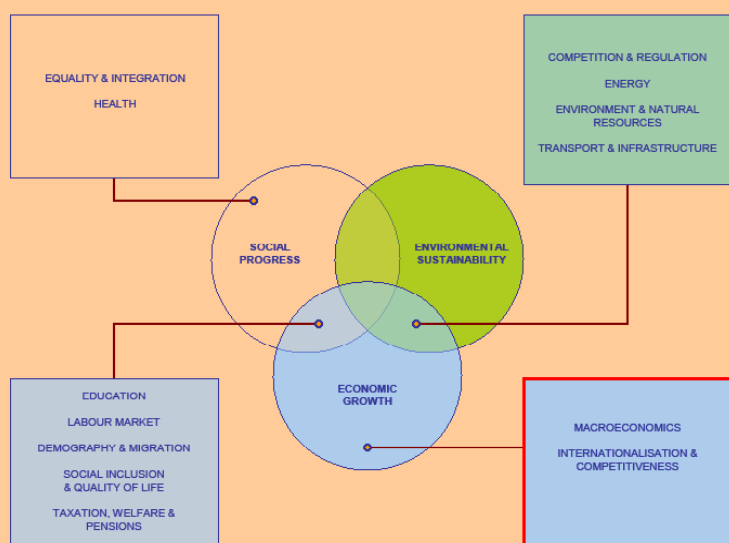


## RESEARCH AREAS

The ESRI's research programmes are grouped under four general headings:

- Research which is focused on informing policies related to Economic Growth.
- Research which seeks to inform policies relating to Social Progress.
- Research at the interface between Economic Growth and Social Progress.
- Research at the interface between Economic Growth and Environmental Sustainability.

# Economic Growth



There are two programmes of research in this area:

- **Macroeconomics**  
(coordinated by Professor John FitzGerald)
- **Internationalisation and Competitiveness**  
(coordinated by Dr Iulia Siedschlag)

## MACROECONOMICS

A major feature of the work of macroeconomic researchers in the ESRI over many years has been the development and maintenance of a suite of economic models. This suite of models has been used extensively in a range of studies on medium-term macroeconomic forecasting and policy analysis and also to inform studies of other aspects of the economy, such as energy demand, environmental impact, skills needs, and housing demand. Over the past number of years, the research of the division has focused on the macroeconomic consequences of the crisis for the Irish economy. The results of this research are published on a regular basis in the *Quarterly Economic Commentary*.

A new 3-year programme of joint research on macroeconomic modelling with the Central Bank of Ireland commenced in 2012. This programme will develop new models for analysing the major policy questions currently facing the economy.

The ESRI's continuing work on measuring and understanding the role of fiscal policy in Ireland was reflected in publications that considered the fiscal stance since the beginning of the crisis, as well as the appropriate approach of fiscal policy over the next few years. This research suggested that it was important to stick to medium-term fiscal plans. The *HERMES* model of the Irish economy was used to estimate the multiplier effects of changing different types of taxation, suggesting that taxes

on property and carbon would be less damaging to employment than taxes on labour. A separate study was undertaken jointly with the Central Bank of Ireland into the implications for Ireland of a financial transactions tax.

The evolution of the housing market in recent years has been a key feature of the current crisis. Recent research examined the factors that will be important in the future evolution of that market, and the potential role of loan-to-value ratio limits in dampening house prices. Research also explored the tradable sector's role in the recent performance of the Irish economy, as well as the recent performance of exports.

ESRI research on the broader EU Economy considered the implications of developments in that economy for Ireland. This research suggested that the pattern of past adjustments in Europe holds lessons for the current situation. In collaboration with its colleagues in EUROFRAME, a forecast for the Eurozone economy was published by the ESRI early in 2012.

Finally, a number of studies were undertaken into how economic decision making in Ireland could be improved by access to suitable evidence. This research strand also considered the possible implications of recent insights in behavioural economics for economic decision making.



## MACROECONOMICS (continued)

### Programme Coordinator: John FitzGerald

Others working in this area include: Adele Bergin, Eddie Casey, David Duffy, Joe Durkan, Petra Gerlach-Kristen, Ide Kearney, Edgar Morgenroth, Cormac O’Sullivan, Iulia Siedschlag, Dorothy Watson, Nuša Žnuderl, John R. Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Co-operation with Department of Finance on Medium-Term Model	Grant-in-Aid	Ongoing	J. FitzGerald A. Bergin I. Kearney
Medium-Term Economic Review and Outlook for Ireland	Grant-in-Aid	Ongoing	J. FitzGerald A. Bergin I. Kearney N. Žnuderl
Current Trends in the Irish Economy: <i>Quarterly Economic Commentary</i>	Grant-in-Aid	Ongoing	J. Durkan D. Duffy C. O’Sullivan
Economic Assessment of the Euro Area	Grant-in-Aid	Ongoing	J. FitzGerald A. Bergin EUROFRAME Group
Consumer Sentiment Index	KBC Bank	Ongoing	D. Duffy D. Watson
Savings Index for Ireland	Nationwide UK	Ongoing	D. Duffy D. Watson
Survey Consultancy: Household Financial Survey	Central Bank of Ireland	Ongoing	D. Watson
Forecasting Model – Programme Funding	Central Bank of Ireland	Ongoing	I. Kearney A. Bergin
Constructing a Measure of Average Rent – Historic Report	The Housing Agency/ PRTB	Ongoing	D. Duffy E. Casey J.R. Walsh

# Economic Growth

## MACROECONOMICS (continued)

Project Title	Client/Funding Agency	Status	Researchers
Constructing a Measure of Average Rent – Quarterly Reports	The Housing Agency/ PRTB	Ongoing	D. Duffy E. Casey J.R. Walsh
Irish Aid IDEAS Programme Vietnam	Irish Aid	Ongoing	J. FitzGerald I. Kearney D. Duffy A. Bergin
Provision of Economic Analysis and Forecasting Services	IDEAS Programme Vietnam, Irish Aid	Completed	J. FitzGerald I. Kearney D. Duffy A. Bergin

### Journal Articles

“Behavioural Economics and Policymaking: Learning from the Early Adopters”, *The Economic and Social Review*, Vol. 43, No. 3, Autumn 2012, pp. 423-449, **Pete Lunn**.

“Building Research Capacity in the Social Sciences – Alternatives Approaches”, *Journal of the Statistical and Social Inquiry Society of Ireland*, Vol. 40, 2010-2011, pp. 133-151, **Frances Ruane**, Brendan J. Whelan\*.

“Research Evidence and Policymaking in Ireland”, *Administration*, Vol. 60, No. 2, 2012, pp. 119-138, **Frances Ruane**.

“Restoring Credibility in Policy-making in Ireland”, *Public Money & Management*, Vol. 32, No. 1, 2012, pp. 27-34, **John FitzGerald**.

“The Irish Economy Today: Albatross or Phoenix?”, *The World Economy*, Vol. 35, Issue 10, pp. 1239-1255, **John FitzGerald**.

### Reports and Other Publications

*Quarterly Economic Commentary*, Winter 2011/ Spring 2012, ESRI Forecasting Series, **David Duffy**, **Joe Durkan**, **Cormac O’Sullivan**.

*Quarterly Economic Commentary*, Summer 2012, ESRI Forecasting Series, **David Duffy**, **Joe Durkan**, **Eddie Casey**.

*Quarterly Economic Commentary*, Autumn 2012, ESRI Forecasting Series, **David Duffy**, **Joe Durkan**, **Eddie Casey**.

*The EU Financial Transactions Tax Proposal: A Preliminary Evaluation*, Report prepared by Central Bank of Ireland and the ESRI and published by Department of Finance, Dublin, **John FitzGerald**, Central Bank of Ireland Staff.

“Irish Housing: A Role for Loan-to-Value Limits?”, ESRI Economic Renewal Series No. 7, **David Duffy**.

“Can Policy Improve Our Financial Decision-Making?”, ESRI Economic Renewal Series No. 8, **Pete Lunn**.

\* Denotes ESRI Research Affiliate.

## MACROECONOMICS (continued)

### Chapters in Books and Reports

“Economic Challenges”, **Idé Kearney** in Brigid Reynolds, Seán Healy (eds.), *Does the European Social Model Have a Future? Challenges and Responses 70 years after the Beveridge Report*, pp. 1-17, Dublin: Social Justice Ireland.

“Fiscal Policy for 2013 and Beyond”, **John FitzGerald** in **Tim Callan** (ed.), *Budget Perspectives 2013*, pp. 1-24, Dublin: ESRI.

“Public Intellectuals in Times of Crisis: the Role of Academia”, **Frances Ruane** in Mary P. Corcoran, Kevin Lalor (eds.), *Reflections on Crisis: The Role of the Public Intellectual*, pp. 41-51, Dublin: Royal Irish Academy.

### Quarterly Economic Commentary (QEC)

#### Special Articles and Research Notes

“Measuring Fiscal Stance”, Special Article in *Quarterly Economic Commentary*, Autumn 2012, pp. 67-88, **Idé Kearney**.

“The Irish Housing Market”, Special Article in *Quarterly Economic Commentary*, Summer 2012, pp. 63-76, **David Duffy, John FitzGerald**.

“The Savings Rate during the Recession”, *QEC* Research Note No. 2012/2/2, **Joe Durkan, Niall O’Hanlon**.

“Trends in Irish Exports”, *QEC* Research Note No. 2012/3/1, **Eddie Casey, David Duffy**.

“Unit Labour Costs in Irish Manufacturing”, *QEC* Research Note No. 2012/2/1, **Eddie Casey**.

### ESRI Working Papers

WP442: “Currency Intervention and the Global Balance Effect: Japanese Lessons”, **Petra Gerlach, Robert N. McCauley, Kazuo Ueda**.

WP440: “Combining Public Sector and Economic Reform”, **Frances Ruane**.

WP438: “Consumption in Ireland: Evidence from the Household Budget Surveys, 1994-95 to 2004-05”, **Petra Gerlach**.

WP425: “Behavioural Economics and Policymaking: Learning from the Early Adopters”, **Pete Lunn**.

WP419: “To Convergence and Beyond? Human Capital, Economic Adjustment and a Return to Growth”, **John FitzGerald**.

### Presentations/Papers Read to Conferences and Learned Societies

“Consumption in Ireland: Evidence from the Household Budget Surveys”, ‘Money, Macro and Finance’ Conference, Dublin, September, **Petra Gerlach**.

“Education and Economic Growth: Ireland’s Experience”, ESRI/TCD Conference on Investment in Education, Dublin, November, **John FitzGerald**.

“Financial Crisis and Economic Adjustment: The Recent EU Experience”, AIECE Conference, Madrid, April, **John FitzGerald**.

“Financial Crisis and Adjustment: Returning the EU to Growth?”, EUROFRAME 2012 Conference: ‘The Euro Area in Crisis: Challenges for Monetary and Fiscal Policies and Prospects for Monetary Union’, Kiel, June, **John FitzGerald**.

“Fiscal Policy for 2013 and Beyond”, ‘Budget Perspectives 2013’ Conference, ESRI, Dublin, September, **John FitzGerald**.

“Fiscal Policy: 2013-2015”, IIEA Post-Budget Seminar, Dublin, December, **John FitzGerald**.

“Government Accounts and Forecasting the Fiscal Deficit”, Irish Fiscal Advisory Council, Dublin, ESRI, May, **Idé Kearney**.

“Ireland and Spain in the Crisis: The Tortoise and the Hare?” CEPS Conference, Brussels, October, **John FitzGerald**.

# Economic Growth

## MACROECONOMICS (continued)

“Ireland: Exit from Crisis”, Guest Lecture, Mater Dei, Dublin, March; DEW Economic Policy Conference, Galway, October; Corporate Treasury and Cash Management Conference, Dublin, November, **John FitzGerald**.

“Irish Government Debt and Implied Debt Dynamics: 2011-2015”, EUROFRAME 2012 Conference: ‘The Euro Area in Crisis: Challenges for Monetary and Fiscal Policies and Prospects for Monetary Union’, Kiel, June, **John Fitz Gerald, Ide Kearney, Nuša Žnuderl**.

“Irish Housing: A Role for Loan-to-Value Limits?” ESRI Conference on Economic Renewal: ‘Financial Stability After the Crisis’, Dublin, February, **David Duffy**.

“Is There a Limit to FOMC Dissents?”, European Economic Association Annual Congress, Malaga, July, **Petra Gerlach**.

“Macroeconomic Context for Budget 2013”, ‘Budget Perspectives 2013’ Conference, ESRI, Dublin, September, **David Duffy**.

“Outlook for Housing and Mortgage Market”, Irish Banking Federation Mortgage Market Conference, Dublin, January, **David Duffy**.

“Paths to Recovery for the Irish Economy”, Euro 50 Group Meeting, Dublin, March; the Italian Society, TCD, Dublin, March, **John FitzGerald**.

“Regional Governance in Ireland?” Planning and Sustainability Research Day, Department of Geography, NUI Galway, November, **Edgar Morgenroth**.

“The Economic Backdrop to Tax Policy”, Institute for Taxation, Dublin, September, **John FitzGerald**.

“The Eurozone Crisis and ECB Policy”, Economic Policy Conference of the Dublin Economics

Workshop (DEW), Galway, October, **Joe Durkan**.  
“The Eurozone Economy: Return to Recession”, Eolas Conference: ‘Eurozone Crisis’, Dublin, March, **Joe Durkan**.

“The Path to Recovery”, EU Parliament Office, Dublin, August, **John FitzGerald**.

“The Path to Economic Recovery”, Department of Jobs, Enterprise and Innovation, Dublin, October, **John FitzGerald**.

“The Potential Output of the Vietnamese Economy”, Seminar jointly hosted by Irish Aid and the NCSEIF, Hanoi, January, **John FitzGerald**.

### ESRI Seminars

“Emerging From Recession? Future Prospects for The Irish Economy 2012-2020”, John Bradley, Economic Modelling and Development Strategies (EMDS).

“Improving the Seasonal Adjustment of the Retail Sales Index using X-12-ARIMA”, Patrick Foley, Central Statistics Office.

“Macro-Prudential Policy and Credit: the Right Question but the Wrong Answer”, Ray Barrell, Brunel University, London.

“Two New Survey Questions for Better Prediction of Turning Points in the Business Cycle”, David Comerford, Stirling University.

“Towards a Stock Flow Consistent Model for Ireland”, Stephen Kinsella, University of Limerick.

## INTERNATIONALISATION AND COMPETITIVENESS

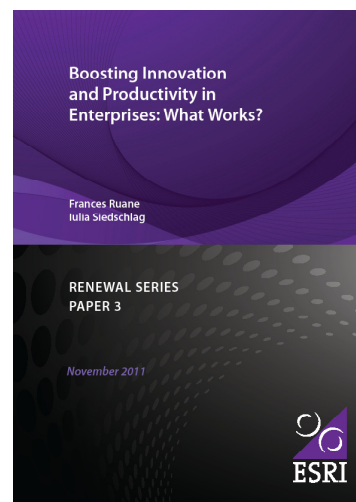
This Research Programme aims to provide empirical evidence on key factors and policies underlying Ireland's competitiveness and economic growth in the context of increased global interdependencies. Specifically, it focuses on the links between economic internationalisation, technological change, innovation, productivity, and employment growth. Research in 2012 addressed three themes:

**(a) Internationalisation of Services, Innovation, and Productivity.** This research is part of an international project (SERVICEGAP) funded under the **EU RTD 7th Framework Programme**. It examined patterns of international trade in service enterprises, analysed the links between international investment, productivity and employment growth in service enterprises, and examined the relationships between the internationalisation of service enterprises and their innovation and productivity performance. The research provided novel empirical evidence from Ireland and other European Union countries on: (i) the extent of the internationalisation of service enterprises; (ii) the effects of internationalisation of services on enterprise innovation, productivity and employment growth; and (iii) similarities and differences across manufacturing enterprises. This empirical evidence feeds directly into the knowledge base for designing policies in the context of *Europe 2020*, the European Union's Strategy for Smart, Sustainable and Inclusive Growth.

**(b) Globalisation and Export Performance.** This research was funded under a grant from the **FBD Trust**. It examined Ireland's export performance in the context of increased globalisation over the past decade and compared it with the export performance of other European small economies. This analysis found that: Ireland's favourable product specialisation in dynamic

sectors (e.g., high-tech knowledge intensive services), was accompanied by less favourable specialisation in sluggish export markets (e.g., the US, UK and the Euro Area). It also found that structural and competitiveness effects reinforced each other in support of export growth and that product specialisation rather than export market specialisation explained most of the structural and competitiveness effects.

**(c) Labour Market Institutions and Innovation.** This research was funded under the **EU RTD 7th Framework Programme (NEUJOBS)**. It explored the impact of the strictness of employment protection legislation on innovation performance in advanced economies. This analysis suggested that: (i) a targeted deregulation of labour markets (e.g., relaxing employment protection in industries with a high layoff propensity) could foster innovation intensity; (ii) reforms which facilitate greater use of temporary contracts in industries with a high layoff propensity are more likely to pay off in terms of innovation intensity than reforming the employment protection legislation for regular contracts; and (iii) labour market reforms such as relaxing employment protection regulations are likely to affect innovation performance significantly in the long run rather than in the short run.



# Economic Growth

## INTERNATIONALISATION AND COMPETITIVENESS (continued)

### Programme Coordinator: Iulia Siedschlag

Others working in this area include: Adele Bergin, John FitzGerald, Stefanie Haller, John McQuinn, Edgar Morgenroth, Gavin Murphy, Conor O’Toole, Anne Pentecost, Frances Ruane.

Project Title	Client/Funding Agency	Status	Researchers
Productivity and International Competitiveness	FBD Trust	Ongoing	I. Siedschlag F. Ruane G. Murphy
The Impact of Service Sector Innovation and Internationalisation on Growth and Productivity (SERVICEGAP)	European Commission, DG Research and Innovation, FP7	Ongoing	I. Siedschlag J. FitzGerald S. Haller J. McQuinn G. Murphy
Employment 2025: How will Multiple Transitions Affect the European Labour Market (NEUJOBS)	European Commission, DG Research and Innovation, FP7	Ongoing	I. Siedschlag J. McQuinn G. Murphy

### Journal Articles

“Intra-firm Trade, Exporting, Importing, and Firm Performance”, *Canadian Journal of Economics*, Vol. 45, No. 4, pp. 1397-1430, **Stefanie Haller**.

“Inward Investment and Irish Exports over the Recession and Beyond”, *The World Economy*, Vol. 35, Issue 10, October 2012, pp. 1291-1304, Frank Barry, **Adele Bergin**.

### Reports and Other Publications

*Economic Assessment of the Euro Area: Winter 2011/2012 Report*, ESRI Survey and Statistical Report Series No. 29, EUROFRAME - European Forecasting Network, Europe, **John FitzGerald**, **Nuša Žnuderl**, **David Duffy**, 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).

### ESRI Research Bulletins

“What Determines the Diffusion of ICT at Firm Level?”, ESRI Research Bulletin No. 2012/1/1, **Stefanie Haller**, **Iulia Siedschlag**.

### ESRI Working Papers

WP445: “Employment Protection and Innovation Intensity”, **Gavin Murphy**, **Iulia Siedschlag**, **John McQuinn**.

WP439: “The Effect of Real Exchange Rate Changes on Labour Productivity Growth”, **Gavin Murphy**, **Iulia Siedschlag**.

WP430: “Offshoring, Inward Investment and Export Performance in Ireland”, Frank Barry, **Adele Bergin**.

## INTERNATIONALISATION AND COMPETITIVENESS (continued)

### Other Papers

“Employment Protection and Innovation Intensity”, NEUJOBS Working Paper No. D 6.4, **Gavin Murphy, Iulia Siedschlag, John McQuinn.**

“Offshoring, Inward Investment and Export Performance in Ireland”, IIS Discussion Paper No. 393, IIS, Dublin, Frank Barry, **Adele Bergin.**

### Presentations/Papers Read to Conferences and Learned Societies

Discussant of four research papers on real exchange rate issues, EUROFRAME 2012 Conference: ‘The Euro Area in Crisis: Challenges for Monetary and Fiscal Policies and Prospects for Monetary Union’, Kiel, June, **Iulia Siedschlag.**

“Employment Protection and Innovation Intensity”, International Conference: ‘NEUJOBS’, Bratislava, September, **Gavin Murphy, Iulia Siedschlag, John McQuinn.**

“Exporters and Shocks”, National Bureau of Economic Research (NBER) International Trade and Investment Program Meeting, Federal Reserve Bank of New York, March; CAED (Comparative Analysis of Enterprise Data) 2012 Conference, Nuremberg, Germany, April, **Stefanie Haller.**

“Foreign Acquisitions and Firm Productivity: A Meta Analysis”, SERVICEGAP Conference, Centre for European Economic Research (ZEW), Mannheim, November, **John McQuinn, Iulia Siedschlag.**

“Globalisation and Ireland’s Export Performance”, The 10th Anniversary Conference, Institute for International Integration Studies (IIS), Trinity College, Dublin, December, **Frances Ruane, Iulia Siedschlag, Gavin Murphy.**

“Innovation and Productivity in Services: Empirical Analysis from Enterprise Surveys”, ESRI Conference: ‘Innovation, Productivity and Public Policy’, Dublin, October, **Iulia Siedschlag.**

“Innovation and Productivity in Services: Empirical Analysis from Germany, Ireland and the United Kingdom”, SERVICEGAP Conference, Centre for European Economic Research (ZEW), Mannheim, November, **Iulia Siedschlag.**

“North/South Trade”, Conference: ‘Networks and Flows in Economic Space’, NUI Maynooth, January, **Edgar Morgenroth.**

“The Effects of Real Exchange Rate Changes on Labour Productivity”, Irish Economics Association Annual Conference, Dublin, April, **Gavin Murphy, Iulia Siedschlag.**

### ESRI Seminars

“A Fresh Look at the Link between Corporate Taxation and Inward Foreign Direct Investment”, Joint ESRI/IIS Research Seminar, Holger Görg, Christian-Albrechts-University, Kiel and the Kiel Institute for the World Economy.

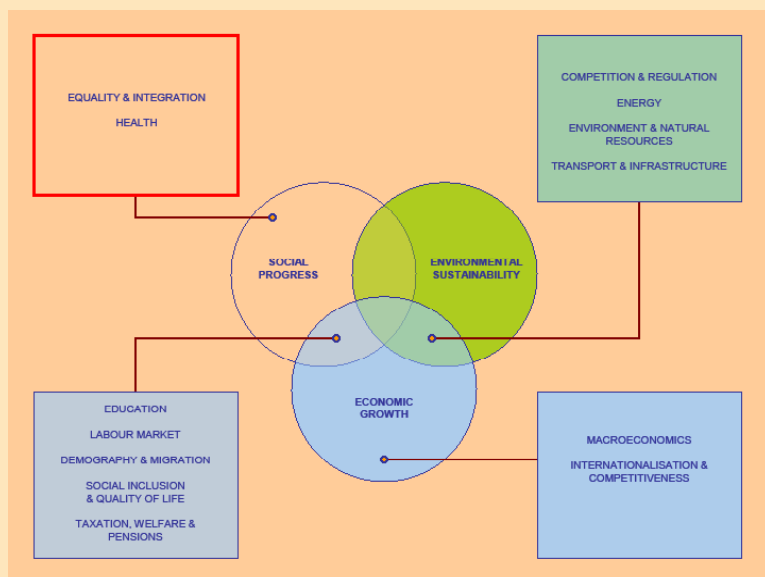
“An Experimental Approach to Industrial Policy Evaluation: The Case of Creative Credits”, Stephen Roper, Warwick Business School.

“Globalisation, Growth Strategies and the Financial Crisis”, Joint ESRI/IIS/TCD Lecture, Arvind Virmani, IMF and George Mason University.



Iulia Siedschlag and Dieter F. Kogler (UCD) at the ESRI Conference: Innovation, Productivity and Public Policy, 16 October 2012.

# Social Progress



There are two programmes of research in this area:

- **Equality and Integration**  
(coordinated by Dr Helen Russell and Dr Frances McGinnity) and
- **Health**  
(coordinated by Professor Richard Layte and Professor Miriam Wiley)

## EQUALITY AND INTEGRATION

ESRI research on Equality investigates inequalities in opportunities and in outcomes, exploring the processes that lead to inequality. Research on integration also reflects these themes, with a particular focus on immigrants and ethnic minorities.

During 2012 the ESRI conducted an analysis of the experience of discrimination in Ireland using the CSO's *Quarterly National Household Survey: Equality Module 2010*, comparing selected findings with those from a similar survey in 2004. This project was co-funded by the **Equality Authority** and by the **European Union Programme for Employment and Social Solidarity — PROGRESS (2007-2013)**. Overall, the project found that the highest rate of reported discrimination was in seeking work and in the workplace, with rates of reported discrimination generally much higher among the Black ethnic group. Experience of discrimination was mostly unchanged between 2004 and 2010; the exceptions were a small rise in serious discrimination, a rise in discrimination for the Black ethnic group and a fall for those with a disability. A small scoping study, also funded by the **Equality Authority**, found considerable

heterogeneity in terms of ethnicity among particular nationalities (African and Asian), suggesting that nationality is not a useful guide to ethnicity and reinforcing the case for the collection of ethnicity in national surveys.

Research commissioned by the **Equality Authority** commenced on the first systematic gender impact assessment of tax and benefit policies using *SWITCH*, the ESRI tax-benefit model. The analysis is examining the impact of policy changes by gender over the full period of the "Great Recession", 2008 to 2013.

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. Two special themes in 2012 were migrants' participation in sport, using data from the *Irish Sports Monitor*, and the experience of migrant children in Irish schools, using the 9-year cohort from the *Growing Up in Ireland (GUI)* survey. Among the findings were that non-Irish nationals' active and social participation in sport was much lower than that of Irish/UK nationals, and that the



## EQUALITY AND INTEGRATION (continued)

children of immigrants from non-English speaking backgrounds scored worse in reading at age 9, although not in maths.

A cross-national European project with colleagues from Trinity College Dublin, funded under the **NORFACE** research stream, is examining socio-cultural integration of new immigrants in Germany, the Netherlands, Ireland and Great Britain. Themes currently under investigation include identity

patterns among new migrants, religiosity, attitudes to homosexuality and the selectivity of new Polish migrants.

Members of the ESRI Integration Monitor team were actively involved in international working group meetings organised by the European Commission on measuring integration at European level, covering employment, education, social inclusion and active citizenship.

### Programme Coordinators: Helen Russell and Frances McGinnity

Others working in this area include: Joanne Banks, Tim Callan, Merike Darmody, Corona Joyce, Claire Keane, Elish Kelly, Gillian Kingston, Pete Lunn, Selina McCoy, Philip J. O’Connell, Emma Quinn, Michael Savage, Emer Smyth, John R. Walsh, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Equality and Discrimination in Ireland: Evidence from the QNHS Equality Module 2010	The Equality Authority/ EU PROGRESS Programme 2007-2013	Completed	F. McGinnity D. Watson P. J. O’Connell E. Kelly G. Kingston
Nationality and Ethnicity in the QNHS	The Equality Authority	Completed	P. J. O’Connell G. Kingston
Annual Integration Monitor	The Integration Centre	In progress	F. McGinnity E. Quinn P. J. O’Connell G. Kingston
Causes and Consequences of Early Socio-Cultural Integration Processes Among New Immigrants in Europe	NORFACE	In progress	F. McGinnity

## EQUALITY AND INTEGRATION (continued)

### Reports and Other Publications

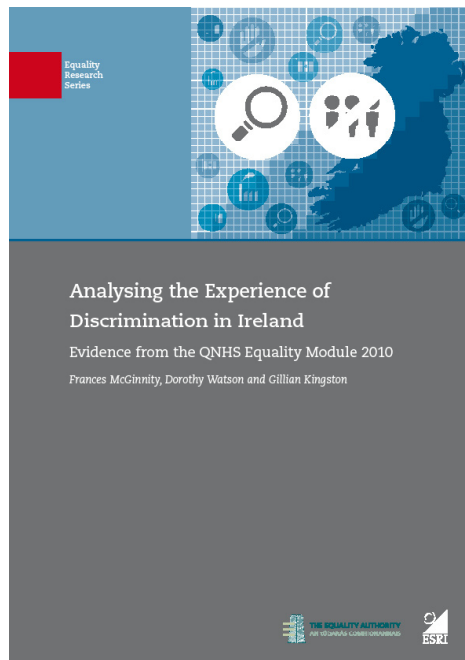
*Analysing the Experience of Discrimination in Ireland: Evidence from the QNHS Equality Module 2010*, The Equality Authority and the ESRI, Dublin, **Frances McGinnity, Dorothy Watson, Gillian Kingston.**

*Annual Monitoring Report on Integration 2011*, ESRI/The Integration Centre, Dublin, **Frances McGinnity, Emma Quinn, Gillian Kingston, Philip J. O'Connell.**

*Multiple Disadvantage in Ireland: An Equality Analysis of Census 2006*, The Equality Authority and the ESRI, Dublin, **Dorothy Watson, Pete Lunn, Emma Quinn, Helen Russell.**

### Presentations/Papers Read to Conferences and Learned Societies

"Discrimination in a Labour Market Crisis: the Impact of Recession", ECSR/Equalsoc Conference, Stockholm, September, **Gillian Kingston, Frances McGinnity, Philip J. O'Connell.**



At the launch of the Annual Monitoring Report on Integration 2011 were (L to R) Pat Montague (The Integration Centre), Lord Mayor of Dublin Andrew Montague, Frances McGinnity, Daudi Kutta (Saza Sport), Killian Forde (The Integration Centre), 5 June 2012.

## HEALTH

The health research programme's key themes include: (i) examining the pattern of variation in health and well-being across the population and in particular, the manner in which this is related to social and economic position and (ii) analysing the structure and functioning of the Irish healthcare system and its implications for the quality of individual care, economic efficiency and sustainability and the equity of healthcare utilisation.

Research in 2012 focused on the following specific themes:

- Child development and well-being.
- Healthcare financing, equity and efficiency.
- Economic and outcome implications of chronic disease management.

Research on child development and well-being, funded by the **Health Research Board**, utilised *Growing Up in Ireland (GUI)* data to investigate the impact of early life experiences on later child health and well-being. In the context of Ireland's increasing rate of child obesity, this project sought to quantify the risk of obesity in children at age 9 who were exclusively formula fed in infancy. Results showed that exclusive formula feeding doubled the risk of obesity, even adjusting for a large range of child and parental characteristics.

Another strand of the research examined the impact of maternal smoking in pregnancy on child psychological adjustment at age 9. It found that children of mothers who smoked in pregnancy were significantly more likely to display problematic externalising behaviours. Moreover, the risk of problematic behaviours increased with the amount smoked. Children of mothers who smoked heavily in pregnancy were 78 per cent more likely to have problematic behaviours than children whose mothers did not smoke at all during pregnancy.

In addition to reporting statistics on healthcare utilisation from the *Hospital In-Patient Enquiry (HIPE)* and *National Perinatal Reporting System*

(*NPRS*), research in this theme addressed issues relating to efficiency and equity in the Irish healthcare system. One strand of research reviewed activity-based funding for hospital care in five European countries and found that, while systems differed significantly, significant improvements in efficiency were observed following the introduction of activity-based funding.

Chronic disease can have serious implications for health and social care costs as well as for the quality of life of the individual. Funded by the **Irish Heart Foundation**, ESRI researchers assessed the economic cost of stroke in Ireland, estimating both direct and indirect costs for all new and existing stroke cases within one year. The research highlighted the chronic phase of the disease as accounting for the largest proportion of the annual economic cost of stroke. Ongoing projects are investigating economically efficient approaches to rehabilitation for stroke patients, together with the factors influencing length of stay in acute care.

Other research projects are investigating the cost and outcome implications of alternative ways of organising palliative care services in Ireland.



At the ESRI Conference "Breastfeeding in Ireland 2012" were (L to R) Frances Ruane (Director), Anne Nolan, Minister for Children and Youth Affairs, Frances Fitzgerald TD and Aoife Brick, 1 October 2012.

## Social Progress

### HEALTH (continued)

#### Programme Coordinators: Richard Layte and Miriam Wiley

Others working in this area include: Sheelagh Bonham, Aoife Brick, Nathan Cunningham, Jacqui Curley, Eoin Feeney, Karen Kearns, Conor Keegan, Shane Leavy, Brian McCarthy, Cathal McCrory, Léan McMahon, Laura Metcalfe, Aisling Mulligan, Deirdre Murphy, Aisling Murray, Anne Nolan, Cliona O'Donovan, Sinead O'Hara, Jacqueline O'Reilly, Samantha Smith, Maeve Thornton, Amanda Quail.

Project Title	Client/Funding Agency	Status	Researchers
Day Surgery In Ireland: The Development, Implementation and Evaluation of an Evidence Based and Consensus Derived Best Practice Model	Health Research Board	In progress	S. Cowman (RCSI) G. Gethin (RCSI) E. Clarke (RCSI) E. Mulligan (RCSI) B. Meshkat (RCSI) M. M. Wiley A. Brick
The Longitudinal Analysis of Child Health and Development in Ireland	Health Research Board	In progress	R. Layte A. Nolan D. O'Reilly (QUB) D. McVicar (QUB) E. Lazarove (QUB)
Improving Obstetric Practice Through Understanding Variation in Caesarean Section Rates in Irish Maternity Hospitals	Health Research Board	In progress	R. Layte A. Brick S. O'Hara M. Turner (UCD and Coombe Hospital)
A Cost Modelling and Outcomes Study for Stroke Rehabilitation in Ireland	Irish Heart Foundation	In progress	S. Smyth M. M. Wiley F. Horgan (RCSI) A. Hickey (RCSI)
Economic Evaluation of Palliative Care in Ireland	The Atlantic Philanthropies	In progress	A. Brick C. Normand (TCD) S. Smith S. O'Hara
Centre for Longitudinal Studies in Ireland – Set-up	Centre for Longitudinal Studies in Ireland	In progress	R. Layte

## HEALTH (continued)

Project Title	Client/Funding Agency	Status	Researchers
Exploring the Feasibility of Using HIPE Data to Develop Key Performance Indicators to Monitor the Quality and Safety of Public Hospital Services in Ireland	Health Information and Quality Authority	In progress	N. Cunningham J. Curley S. Duckett (La Trobe University) T. Jackson (University of Melbourne) L. McMahon L. Metcalfe J. O'Reilly M. M. Wiley
EuroPeristat Project. Better Statistics for Better Health for Pregnant Women and their Babies	European Commission Executive Agency for Health & Consumers (EAHC), Assistance Publique Hôpitaux de Paris (AP-HP) and the Institut national de la santé et de la recherche médicale (INSERM)	In progress	S. Bonham A. Mulligan

### Journal Articles

"Breastfeeding and Risk of Overweight and Obesity at Nine Years of Age", *Social Science & Medicine*, Vol. 75, Issue 2, July 2012, pp. 323-330, Cathal McCrory\*, **Richard Layte**.

"Conflicting Financial Incentives in the Irish Health-Care System", *The Economic and Social Review*, Vol. 43, No. 2, Summer 2012, pp. 273-301, **Aoife Brick, Anne Nolan, Jacqueline O'Reilly, Samantha Smith**.

"Measured Parental Weight Status and Familial Socio-Economic Status Correlates with Childhood Overweight and Obesity at Age 9", *PLoS One*, Vol. 7, Issue 8, e43503, Eimear Keane, **Richard Layte**, Janas Harrington, Patricia M. Kearney, Ivan J. Perry.

"Measuring Population Mental Health and Social Well-being", *International Journal of Public Health*, Vol. 57, No. 2, April 2012, pp. 421-430, Eric Van Lente, Margaret Barry, Michal Molcho, Karen Morgan, **Dorothy Watson**, Janas Harrington, Hannah McGee.

"Paying for Hospital Care: the Experience with Implementing Activity-based Funding in Five European Countries", *Health Economics, Policy and Law*, Vol. 7, Special Issue 1, January 2012, pp. 73-101, **Jacqueline O'Reilly**, Reinhard Busse, Unto Hakkinen, Zeynep Or, Andrew Street, **Miriam M. Wiley**.

"Performance of 10 European DRG Systems in Explaining Variation in Resource Utilisation in

\* Denotes ESRI Research Affiliate.

## HEALTH (continued)

Inguinal Hernia Repair", *Health Economics*, Vol. 21, Issue Supplement S2, August 2012, pp. 89-101, **Jacqueline O'Reilly**, Lisbeth Serdén, Mats Talbäck, **Brian McCarthy**.

"Prenatal Exposure to Maternal Smoking and Childhood Behavioural Problems: A Quasi-experimental Approach", *Journal of Abnormal Child Psychology*, Vol. 40, Issue 8, pp. 1277-1288, **Richard Layte**, Cathal McCrory\*.

"The Association between Income Inequality and Mental Health: Testing Status Anxiety, Social Capital, and Neo-Materialist Explanations", *European Sociological Review*, Vol. 28, No. 4, 2012, pp. 498-511, **Richard Layte**.

"The Cost of Stroke and Transient Ischaemic Attack in Ireland: a Prevalence-based Estimate", *Age and Ageing*, Vol. 41, Issue 3, 2012, pp. 332-338, **Samantha Smith**, Frances Horgan, Eithne Sexton, Seamus Cowman, Anne Hickey, Peter Kelly, Hannah McGee, Sean Murphy, Desmond O'Neill, Maeve Royston, Emer Shelley, **Miriam M. Wiley**.

"The Effect of Differential Eligibility for Free GP Services on GP Utilisation in Ireland", *Social Science & Medicine*, Vol. 74, Issue 10, May 2012, pp. 1644-1651, **Anne Nolan**, **Samantha Smith**.

"The 'Healthy Immigrant' Effect: Initial Evidence for Ireland", *Health Economics, Policy and Law*, Vol. 7, Issue 3, July 2012, pp. 343-362, **Anne Nolan**.

### Reports and Other Publications

*Activity in Acute Public Hospitals in Ireland, 2011 Annual Report*, ESRI Survey and Statistical Report Series No. 45, ESRI, Dublin, **Health Research and Information Division**.

*Health System Responses to Financial Pressures in Ireland: Policy Options in an International Context*, World Health Organisation and European

Observatory on Health Systems and Policies, Brussels, Tamas Evetovits, Josep Figueras, Matthew Jowett, Philipa Mladovsky, **Anne Nolan**, Charles Normand, Sarah Thompson.

*Perinatal Statistics Report 2011*, ESRI Survey and Statistical Report Series No. 46, ESRI, Dublin, **Health Research and Information Division**.

*Perinatal Statistics Report 2010*, ESRI Survey and Statistical Report Series No. 41, ESRI, Dublin, **Health Research and Information Division**.

### ESRI Research Bulletins

"Maternal Smoking During Pregnancy and Child Well-Being: A Burning Issue", ESRI Research Bulletin No. 2012/4/1, Cathal McCrory\*, **Richard Layte**.

### ESRI Working Papers

WP431: "Obesity and Employment in Ireland: Moving Beyond BMI", Irene Mosca\*.

WP429: "The Long-Term Health Effects of Education", Vincent O'Sullivan\*.

WP358: "Towards a Better and Sustainable Health Care System – Resource Allocation and Financing Issues for Ireland", **Frances Ruane**.

### Presentations/Papers Read to Conferences and Learned Societies

"Activity-based Funding: Introduction and Overview", Patient Classification Systems International Winter School, 2012, Dublin, March, **Miriam M. Wiley**.

"Acute Stroke Care: Analysis of Factors Influencing Length of Stay in Acute Hospitals", European Conference on Health Economics, Zurich, July, **Samantha Smith**, **Conor Keegan**.

\* Denotes ESRI Research Affiliate.

## HEALTH (continued)

“Child Height as an Indicator of Social Inequalities in Health: A Comparison of GUI and MCS”, Child Research Network in Ireland and Northern Ireland, Dublin, September, **Richard Layte**.

“Clinical Use of the HIPE Portal”, Casemix Conference, Cork University Hospital, March, **Philip Dunne**.

“Coding Audit & Data Quality; Faster, Stronger, Better”, ‘Casemix from Present to Future’, Patient Classification Systems International (PCSI) Conference, Avignon, France, October, **Jacqui Curley**.

“Development & Innovation of Irish Clinical Coder Training in Challenging Times”, ‘Casemix From Present to Future’, Patient Classification Systems International (PCSI) Conference, Avignon, France, October, **Marie Glynn**.

Discussant for paper “Mediating Role of Education and Lifestyles in the Relationship between Early-Life Conditions and Health: Evidence from the 1958 British Cohort”, European Conference on Health Economics, Zurich, July, **Anne Nolan**.

“DRGs and Hospital Reimbursement in Europe: Evidence from the EuroDRG Project”, Casemix Education Seminar 2012, Cork, March, **Miriam M. Wiley, Jacqueline O'Reilly**.

“DRG-Based Funding in Europe: Evidence from the EuroDRG Project”, Patient Classification Systems International Winter School 2012, Dublin, March, **Jacqueline O'Reilly**.

“Data Quality Update”, Casemix Education Seminar, 2012, Cork, March, **Jacqui Curley**.

“Explaining Differences in Breastfeeding Rates in Ireland – Evidence from the National Perinatal Reporting System 2004-2010”, ESRI Conference: ‘Breastfeeding in Ireland 2012: Consequences and Policy Responses’, Dublin, October, **Aoife Brick, Anne Nolan**.

“Inequity in the Utilisation of GP Services among Irish Children”, UCL Centre for Longitudinal Studies Cohort Conference 2012: ‘The Value and Use of Cohort Studies for Social Investigation and Policy Making’, London, November, **Richard Layte, Anne Nolan**.

“Longitudinal Child Cohort Studies as a Resource for Children’s Research”, Children's Research Network of Ireland and Northern Ireland, Dublin, September, **Aisling Murray, Maeve Thornton, James Williams**.

“Maternal Country of Birth Differences in Breastfeeding at Hospital Discharge in Ireland, 2004-2010”, European Conference on Health Economics, Zurich, July, **Aoife Brick, Anne Nolan**.

“Overweight and Obesity in Children: Evidence from the *Growing Up in Ireland Study*”, Association for the Study of Obesity in Ireland, Dublin, September, **Richard Layte**.

“Patient Classification and Hospital Payments: Results for Three Episodes of Care”, European Conference on Health Economics (pre-conference workshop on Lessons Learned from the EuroDRG Project), Zurich, July, **Jacqueline O'Reilly**.

“Smoking Outside: The Effect of the Irish Workplace Smoking Ban on Smoking Prevalence Among the Employed”, Applied Microeconometrics and Public Policy Conference, NUI Galway, July, **Michael Savage**.

“Socio-economic Inequalities in Child Health: An Analysis of Child Height”, Irish Economics Association Annual Conference, Dublin, April; European Conference on Health Economics, Zurich, July, **Richard Layte, Anne Nolan**.

“The Effect of User Fees on the Utilisation of GP Services by Children in Ireland”, *Growing Up in Ireland* Fourth Annual Research Conference, ESRI and TCD, Dublin, November, **Richard Layte, Anne Nolan**.

## Social Progress

### HEALTH (continued)

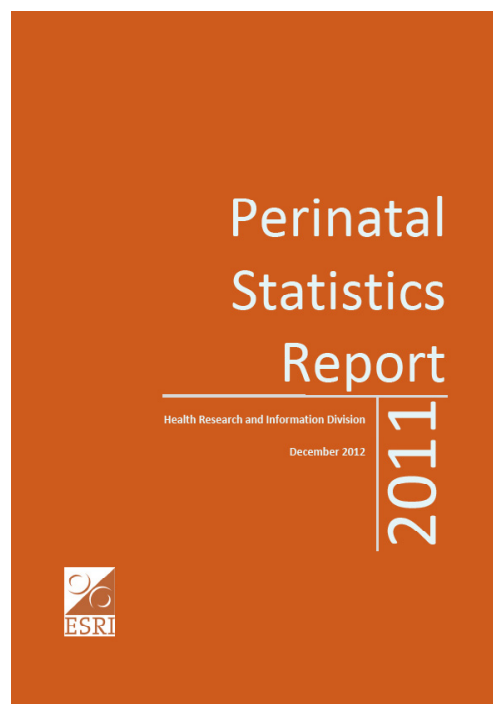
“The Health of Children in Ireland – Examples from the *Growing Up in Ireland Project*”, Annual Scientific Meeting of the Association of University Departments of General Practice in Ireland, Dublin, March, **James Williams**.

“The Pattern of Breastfeeding in Ireland: Evidence from the *Growing Up in Ireland Study*”, Association of Lactation Consultants in Ireland, Maynooth, September; ESRI Conference: 'Breastfeeding in Ireland 2012: Consequences and Policy Responses', Dublin, October, **Richard Layte**.

“Variation in Length of Stay within Diagnosis-Related Groups in Ireland: A multilevel Assessment of Patient, Consultant and Hospital Characteristics”, Poster Presentation, Health Services Research Network Symposium: 'Delivering Better Health Services', Manchester, June; European Conference on Health Economics, Zurich, July, **Jacqueline O'Reilly**.

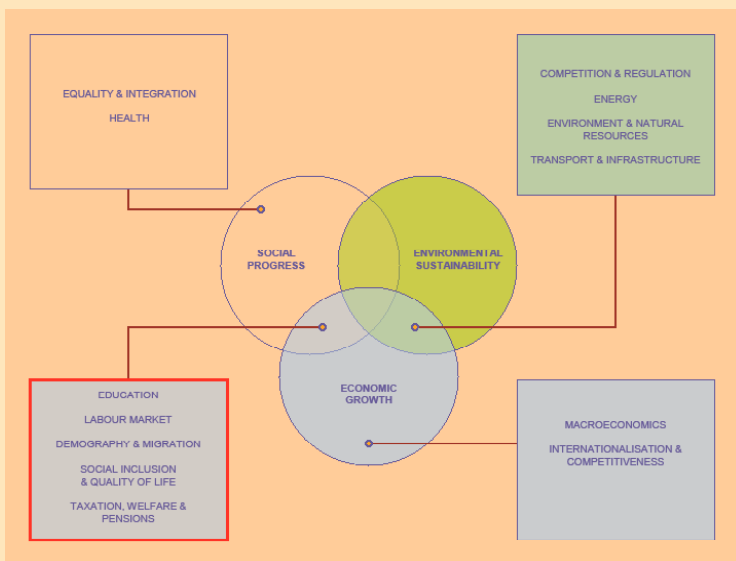
#### ESRI Seminars

"National and Regional GMS Community Drug Costs in Ireland to 2026: Analysis, Projections and Policy Simulations", Aisling Conway, Martin Kenneally and Alan Ó Céilleachair, University College Cork.





# Economic Growth and Social Progress



There are five programmes of research in this area:

- **Education**  
(coordinated by Professor Emer Smyth and Dr Selina McCoy)
- **Labour Market**  
(coordinated by Professor Philip J. O'Connell and Dr Seamus McGuinness)
- **Demography and Migration**  
(coordinated by Professor Philip J. O'Connell)
- **Social Inclusion and Quality of Life**  
(coordinated by Dr Dorothy Watson and Dr Helen Russell) and
- **Taxation, Welfare and Pensions**  
(coordinated by Professor Tim Callan)

## EDUCATION

The ESRI education research programme covers all levels of the Irish educational system, including early childhood education, the primary, second-level and higher education sectors, and continuing education and training. Informing policy development through engagement with stakeholders is a key feature of the research agenda.

Research on special educational needs (SEN) continued in 2012 with a large-scale multi-method longitudinal study of special classes in Irish primary and post-primary schools, funded by the **National Council for Special Education (NCSE)**. A comprehensive survey of all schools was conducted, with in-depth case-study research in a sub-sample of primary and post-primary schools. This research provides valuable insights into the nature of supports for students with SEN; it found significant variation across schools in approaches to provision for students with SEN.

Analyses of **Growing Up in Ireland (GUI)** data provided new insights into the processes

influencing children's learning. A report, for the **Department of Children and Youth Affairs**, showed that children who took part in structured extra-school activities, especially cultural activities (such as music and drama classes), had higher reading and maths scores than their peers, all else being equal. Research conducted for the **National Council for Curriculum and Assessment (NCCA)** found that the time allocated to different subject areas varied significantly across primary classes, with teachers tailoring time allocation to reflect the gender and social mix of their students. This study also showed that more recently qualified teachers and those teaching girls were more likely to use active teaching methods (such as hands-on activities and group work). Research funded by **Educate Together** showed that primary school choice is shaped not only by religious belief but also by socio-economic characteristics, with significant differences found between sectors in its student profile.

Research on young people's post-school transitions is an important focus of current ESRI research on

## Economic Growth and Social Progress

### EDUCATION (continued)

education. During 2012, work progressed on the *Leaving School in Ireland* study, funded by grants from ten key educational organisations. The survey of over 700 young people who left school in 2007 and 2008, together with in-depth interviews with a subgroup, will provide important insights into the factors influencing their decision making on post-school pathways.

A major research project was commissioned by the **Higher Education Authority** on the key issues to be considered in assessing future demand for

higher education in Ireland. Details of this project are outlined in the following section on Labour Markets.

Finally, a joint ESRI-TCD initiative is exploring the influences on and consequences of *Investment in Education* to mark the fiftieth anniversary of its publication. A seminar in November combined oral history presentations with a critical discussion of contemporary education policy.

#### Programme Coordinators: Emer Smyth and Selina McCoy

Others working in this area include: Joanne Banks, Merike Darmody, Denise Frawley, Elish Kelly, Seamus McGuinness, Léan McMahon, Philip J. O’Connell, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
A Profile of Educate Together Schools	Educate Together	Completed	M. Darmody E. Smyth S. McCoy
Leaving School in Ireland	Consortium: 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	In progress	S. McCoy E. Smyth D. Watson M. Darmody

## EDUCATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
The Special Class Model in Ireland: How is it Working for Pupils with Special Educational Needs in Mainstream Schools?	National Council for Special Education	In progress	S. McCoy J. Banks D. Watson D. Frawley M. Shevlin (TCD) F. Smyth (TCD) Partner: Amárach Research
The Primary Classroom	National Council for Curriculum and Assessment	Completed	S. McCoy E. Smyth J. Banks
The Educational Needs of Young People in Care	Ombudsman for Children's Office	Completed	M. Darmody L. McMahon J. Banks R. Gilligan (TCD)
Influences on 9-Year-Olds' Learning: Home, School and Community	Department of Children and Youth Affairs	Completed	S. McCoy A. Quail E. Smyth
Data Review on Future Demand for Higher Education – Meta Analysis of Existing Reports	Higher Education Authority	Completed	S. McGuinness A. Bergin S. McCoy E. Smyth E. Kelly K. Timoney
Children with Disabilities	National Disability Authority	In progress	J. Banks S. McCoy B. Maître
Social Mix and Primary School Progress	Irish Research Council for the Humanities and Social Sciences (IRCHSS) under the auspices of the European Science Foundation EUROCORES ECRP Programme 2008	Completed	E. Smyth S. McCoy L. McMahon D. Watson Partner: Amárach Research

# Economic Growth and Social Progress

## EDUCATION (continued)

Project Title	Client/Funding Agency	Status	Researchers
REAL-net: NESET - Network of Experts on Social Aspects of Education and Training	European Commission – Directorate General for Education and Culture	In progress	E. Smyth

### Journal Articles

"Disproportionality in Special Education: Identifying Children with Emotional Behavioural Difficulties in Irish Primary Schools", *European Journal of Special Needs Education*, Vol. 27, Issue 2, 2012, pp. 219-235, **Joanne Banks**, Michael Shevlin, **Selina McCoy**.

"Exploring School and Classroom Environments in Irish Primary Schools", *Children, Youth and Environments*, Vol. 22, No. 1, May 2012, pp. 178-197, **Merike Darmody**, **Emer Smyth**.

"High Stakes Testing and Student Perspectives on Teaching and Learning in the Republic of Ireland", *Educational Assessment, Evaluation and Accountability*, Vol. 24, Issue 4, November 2012, pp. 283-306, **Emer Smyth**, **Joanne Banks**.

"Home Computer Use and Academic Performance of Nine-Year-Olds", *Oxford Review of Education*, Vol. 38, Issue 5, 2012, pp. 617-634, Alice Casey, **Richard Layte**, **Seán Lyons**, Mary Silles.

"School Matters: How Context Influences the Identification of Different Types of Special Educational Needs", *Irish Educational Studies*, Vol. 32, Issue 2, 2012, pp. 119-138, **Selina McCoy**, **Joanne Banks**, Michael Shevlin.

"Simply Academic? Why Children with Special Educational Needs Don't Like School", *European Journal of Special Needs Education*, Vol. 27, Issue 1, February 2012, pp. 81-97, **Selina McCoy**, **Joanne Banks**.

"'There Was Never Really Any Question of Anything Else': Young People's Agency, Institutional Habitus

and the Transition to Higher Education", *British Journal of Sociology of Education*, Vol. 33, No. 2, March 2012, pp. 263-281, **Emer Smyth**, **Joanne Banks**.

"Too Much of a Good Thing? Gender, 'Concerted Cultivation' and Unequal Achievement in Primary Education", *Child Indicators Research*, Vol. 5, No. 1, March 2012, pp. 155-178, **Selina McCoy**, Delma Byrne, **Joanne Banks**.

### Reports and Other Publications

*A Study of Future Demand for Higher Education in Ireland*, ESRI Research Series No. 30, ESRI, Dublin, **Seamus McGuinness**, **Adele Bergin**, **Elish Kelly**, **Selina McCoy**, **Emer Smyth**, **Kevin Timoney**.

*Establishing a Knowledge Base for Quality in Education: Testing a Dynamic Theory for Education, Handbook of the Research Project*, European Science Foundation, Bert Creemers, Leonidas Kyriakides, Anastasia Panayiotou, **Emer Smyth**, **Léan McMahon**, **Selina McCoy**.

*Influences on 9-year-olds' Learning: Home, School and Community, 'Growing Up in Ireland'*, Child Cohort Report No. 3, Department of Children and Youth Affairs, Dublin, **Selina McCoy**, **Amanda Quail**, **Emer Smyth**.

*School Sector Variation among Primary Schools in Ireland*, ESRI/Educate Together, Dublin, **Merike Darmody**, **Emer Smyth**, **Selina McCoy**.

*The Primary Classroom: Insights from the 'Growing Up in Ireland' Study*, NCCA and ESRI, Dublin, **Selina McCoy**, **Emer Smyth**, **Joanne Banks**.

## EDUCATION (continued)

### ESRI Research Bulletins

“What do We Know about Special Educational Needs? Evidence from *Growing Up in Ireland*”, ESRI Research Bulletin No. 2012/3/1, **Joanne Banks, Selina McCoy**.

### ESRI Working Papers

WP444: “Distance Effects, Social Class and the Decision to Participate in Higher Education in Ireland”, John Cullinan\*, Darragh Flannery, **Sharon Walsh, Selina McCoy**.

### Presentations/Papers Read to Conferences and Learned Societies

“A Qualitative Exploration of Education Provision for Children in Public Care in the Republic of Ireland”, The Sociological Association of Ireland (SAI) 39th Annual Conference, National University of Ireland, Maynooth, May, **Léan McMahon, Merike Darmody**.

“Are Irish Trade Missions Effective in Increasing International Student Numbers?”, Irish Society for New Economists (ISNE), UCC, Cork, August, **Anne Pentecost**.

“Conducting Education Research: Processes and Challenges”, All-Ireland Doctoral Conference on Education, Belfast, May, **Emer Smyth**.

“Cultural Participation Within and Outside School: Insights from Research”, Irish Music Education Voicing 2012 Conference, Dublin, September, **Emer Smyth**.

“Disproportionality in Special Education: Identifying Children with Emotional Behavioural Problems in Irish Primary Schools”, Inclusion in Education and Society Conference: ‘Examining Theory and Practice in Inclusive Education’, Trinity College, Dublin, April, **Joanne Banks, Selina McCoy, Michael Shevlin (TCD)**.

“Does a Ph.D. Really Pay Off? Returns to Higher Education from a Gender Perspective”, ‘Career Orientations, Education Systems, and Gendered

School-to-work Transitions’ Conference, Basel, Switzerland, November, Stephanie Steinmetz (University of Amsterdam), **Emer Smyth**.

“Educational Disadvantage of Migrant Pupils and Students in Ireland”, International Conference on Education, Economy and Society, Paris, July, **Merike Darmody**.

“Effects of School Social Mix on Student Achievement”, European Conference on Educational Research, Cadiz, September, **Léan McMahon, Emer Smyth, Selina McCoy**.

“Formal and Informal Learning Among 9 year olds in Ireland”, *Growing Up in Ireland*/INTO Seminar Series, Dublin, November, **Emer Smyth**.

“Gender and Occupational Aspirations: A Longitudinal Analysis”, European Network on Transitions in Youth Annual Workshop, Nijmegen, The Netherlands, September; Conference ‘Career Orientations, Education Systems, and Gendered School-to-work Transitions’, Basel, Switzerland, November, **Emer Smyth**.

“Influence of Family Environment and Child Gender on Educational Outcomes”, *Growing Up in Ireland* Fourth Annual Research Conference, ESRI and TCD, Dublin, December, **Maeve Thornton**.

“Intentions to go on to Higher Education Among Sixth Year Students”, Higher Education Research Policy Unit (DIT) Seminar Series, Dublin, November, **Emer Smyth, Joanne Banks**.

“Intercultural Marriage in Ireland”, The Sociological Association of Ireland (SAI) 39th Annual Conference, National University of Ireland, Maynooth, May, Carmel Hannan (University of Limerick), **Merike Darmody**.

“Multigrade Teaching: the Influence of Number of Year Groups on Academic and Social Outcomes”, Educational Studies Association of Ireland (ESAI) Annual Conference, Cork, March, **Amanda Quail, Emer Smyth**.

\* Denotes ESRI Research Affiliate.

# Economic Growth and Social Progress

## EDUCATION (continued)

“Primary Teacher Continuous Professional Development, with a Focus on Teaching Mathematics and Science”, Educational Studies Association of Ireland (ESAI) Annual Conference, Cork, March, **Léan McMahon, Emer Smyth, Selina McCoy.**

“Research on Gender Segregation in Education: Implications for Policy”, Expert Work Seminar on ‘Gender, Education and Mobility’ as part of Danish EU Presidency, Copenhagen, May, **Emer Smyth.**

“Risk and Regret: Post-school Transitions and the Irish Recession”, European Network on Transitions in Youth Annual Workshop, Nijmegen, The Netherlands, September, **Selina McCoy, Emer Smyth, Merike Darmody.**

“Self-fulfilling Prophecy? Academic Expectations Among Teachers and Parents of Children with Special Educational Needs”, *Growing Up in Ireland* Fourth Annual Research Conference, ESRI and TCD, Dublin, November, **Joanne Banks, Delma Byrne, Selina McCoy.**

“Social Mix and Educational Effectiveness: Analysis of Primary Schools in Ireland”, European Conference on Educational Research, Cadiz, Spain, September, **Léan McMahon, Emer Smyth, Selina McCoy.**

“Special Classes in Irish Schools: Results from a Survey of Primary and Post-Primary Schools”, National Council for Special Education Annual Conference, Croke Park, Dublin, November, **Selina McCoy, Joanne Banks, Denise Frawley.**

“Student Behaviour and Behaviour Policy in Primary Schools”, *Growing Up in Ireland* Fourth Annual Research Conference, ESRI and TCD, Dublin, November, **Emer Smyth, Amanda Quail.**

“Using Evidence for Education Policy Development”, Irish Social Policy Association Research Seminar, Dublin, March, **Emer Smyth.**

### ESRI Seminars

“Distance Effects, Social Class and the Decision to Participate in Higher Education in Ireland”, John Cullinan, NUIG.



At the publication of the *Growing Up in Ireland* report on the study of children’s recreational activities were (L to R): Emer Smyth, Ruairi Quinn, TD, Minister for Education and Skills, Selina McCoy, Frances Fitzgerald, TD, Minister for Children and Youth Affairs and Amanda Quail, 26 January 2012.

## LABOUR MARKET

Over the course of 2012, labour market researchers focused on unemployment and human capital formation. In addition, projects also explored the issues of adult literacy and numeracy both in the workplace and amongst the unemployed. Work was also undertaken on skill mismatch, job insecurity and migration.

Research on unemployment focused particularly on the relationship between numeracy and literacy problems and long-term unemployment. A study, commissioned by the **National Adult Literacy Agency (NALA)**, found that while numeracy and literacy difficulties increased substantially the likelihood of claimants becoming long-term unemployed, such problems did not represent a barrier to effective activation in the labour market. The research found that the employment prospects of individuals reporting numeracy and literacy difficulties were raised significantly following participation in mainstream state-provided training programmes.

During 2012 ESRI labour market researchers were the recipients of a **P&V Foundation** award for their work on the determinants of long-term youth unemployment. The study found that low levels of educational attainment, literacy and/or numeracy problems and a family history of long-term unemployment had the biggest impact on determining young people's likelihood of becoming long-term unemployed. The team has been commissioned by the **OECD** to undertake further work in the area of youth unemployment during 2013.

Researchers participated in a collaborative cross-country study commissioned by **CEDEFOP** examining the linkages between educational and skill mismatch and labour market transitions. Full results from this study will be published during 2013. An important preliminary finding of the research is that not all forms of mismatch have negative outcomes. Some overeducated workers

are satisfied with their jobs, despite the existence of some wage penalties, suggesting that there are compensating differentials. However, there is general evidence of a scarring effect from being overskilled.

The future direction of higher education (HE) policy is currently the focus of much debate in Ireland. Maintaining an adequate supply of graduates to the labour market is a key element in securing the future economic growth of the Irish economy. Nevertheless, the situation remains challenging with the economic crises creating uncertainty with respect to the future economic returns to participating in HE. Furthermore, the ongoing fiscal crisis has highlighted the need for a sustainable funding system of HE provision. A major ESRI study commissioned by the **Higher Education Authority** examined a range of issues linked to the future sustainability of HE in Ireland, including the likely balance between the demand for and supply of HE graduates up to 2030, the potential for moving to an income-contingent loans system, the implications of HE expansion for social inclusion and for academic progression and the need to move to more flexible modes of education delivery encompassing life-long learning.



At the Department of Social Protection/ESRI national conference on work and poverty were, L to R, Tim Callan, Anne Vaughan (Department of Social Protection) and Philip J. O'Connell, ESRI, 11 December 2012.

# Economic Growth and Social Progress

## LABOUR MARKET (continued)

### Programme Coordinators: Philip J. O’Connell and Seamus McGuinness

Others working in this area include: Adele Bergin, Tim Callan, Claire Keane, Elish Kelly, Frances McGinnity, Michael Savage, John R. Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Literacy and Numeracy Difficulties in the Irish Workplace	National Adult Literacy Agency	Completed	P. J. O’Connell S. McGuinness E. Kelly
Literacy, Numeracy and Unemployment	National Adult Literacy Agency	Completed	P. J. O’Connell S. McGuinness E. Kelly
Adjustments in the Public Sector: Scope, Effects and Policy Issues	International Labour Office	Completed	P. J. O’Connell
Unemployment and Transitions between Different Labour Market States	Organisation for Economic Co-operation and Development	In progress	P. J. O’Connell S. McGuinness E. Kelly
Determinants and Consequences of Skill Mismatch and Policy Implications	European Centre for the Development of Vocational Training (Cedefop)	Completed	S. McGuinness P. J. O’Connell P. Sloane (University of Swansea) N. O’Leary (University of Swansea) K. Mavromaras (University of Melbourne)

### Journal Articles

“Female Labour Supply and Divorce – New Evidence from Ireland”, *European Economic Review*, Vol. 56, Issue 8, pp. 1675-1691, Olivier Bargain\*, Libertad González, **Claire Keane**, Berkay Ozcan.

“Overskilling Dynamics and Education Pathways”, *Economics of Education Review*, Vol. 31, Issue 5, October 2012, pp. 619-628, Kostas Mavromaras, **Seamus McGuinness**.

“The Determinants and Effects of Training at Work: Bringing the Workplace Back In”, *European Sociological Review*, Vol. 28, No. 3, June 2012, pp. 283-300, **Philip J. O’Connell**, Delma Byrne.

“The Impact of Ireland’s Recession on the Labour Market Outcomes of its Immigrants”, *European Journal of Population*, Vol. 28, No. 1, February 2012, pp. 91-111, **Alan Barrett**, **Elish Kelly**.

\* Denotes ESRI Research Affiliate.



## LABOUR MARKET (continued)

“The Irish Labour Market and the Great Recession”, *CESifo DICE Report*, 2/2012, pp. 27-33, **Alan Barrett, Seamus McGuinness**.

“The Transition from Short- to Long-Term Unemployment: A Statistical Profiling Model for Ireland”, *The Economic and Social Review*, Vol. 43, No. 1, Spring 2012, pp. 135-164, **Philip J. O’Connell, Seamus McGuinness, Elish Kelly**.

“Transitions to Long-Term Unemployment Risk Among Young People: Evidence from Ireland”, *Journal of Youth Studies*, Vol. 15, No. 6, 2012, pp. 780-801, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell**.

“Wage Inequality in Ireland’s Celtic Tiger Boom”, *The Economic and Social Review*, Vol. 43, No. 1, Spring 2012, pp. 99-133, Sarah Voitchovsky, **Bertrand Maître, Brian Nolan**.

“What Are the Characteristics of the Employers of the Low Paid in Australia?”, *Australian Bulletin of Labour*, Vol. 38, No. 1, 2012, pp. 26-47, **Seamus McGuinness, Elizabeth Webster, Kostas Mavromaras**.

### Reports and Other Publications

*Literacy and Numeracy Difficulties in the Irish Workplace: Impact on Earnings and Training Expenditures*, ESRI Research Series No. 27, ESRI, Dublin, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell**.

*Literacy, Numeracy and Activation among the Unemployed*, ESRI Research Series No. 25, ESRI, Dublin, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell**.

“Explaining Changes in Earnings and Labour Costs During the Recession”, ESRI Economic Renewal Series No. 9, **Adele Bergin, Elish Kelly, Seamus McGuinness**.

### Chapters in Books and Reports

“EU Enlargement and Ireland’s Labour Market”, **Alan Barrett** in *Free Movement of Workers and Labour Market Adjustment: Recent Experiences from OECD Countries and the EU*, pp. 107-116.

### ESRI Submissions

“Submission to the Joint Committee on Jobs, Social Protection and Education on Unemployment and Youth Unemployment”, ESRI Submission No. 2012/2, **Elish Kelly, Seamus McGuinness, Philip J. O’Connell**.

### Other Papers

“Job Insecurity and Future Labour Market Outcomes”, Melbourne Institute Working Paper No. 12/12, University of Melbourne, Melbourne, **Seamus McGuinness, Mark Wooden, Markus Hahn**.

### Presentations/Papers Read to Conferences and Learned Societies

“Activation in Ireland: Are We on the Right Path?” Conference: ‘Work and Poverty – National and EU Perspectives’, Dublin, December, **Philip J. O’Connell**.

“Explaining Changes in Earnings and Labour Costs During the Recession”, ESRI Conference on Economic Renewal: ‘Economic Adjustment’, Dublin, April, **Adele Bergin, Elish Kelly**.

“Factors Affecting Childcare Choice Among a Large Cohort of Irish Children”, *Growing Up in Ireland* Fourth Annual Research Conference, ESRI and TCD, Dublin, November, **Frances McGinnity, Aisling Murray**.

“One Dummy Won’t Get It: The Impact of Training Programme Type and Duration on the Employment Chances of the Unemployed in Ireland”, Irish Economics Association Annual Conference, Dublin, April, **Elish Kelly**.

## DEMOGRAPHY AND MIGRATION

Research within the Demography and Migration Programme covered a number of themes including patterns of welfare use by immigrants, labour market outcomes of immigrants in Ireland, migration from Ireland and population ageing.

Under funding from the **European Commission** and working with researchers at IZA (Bonn, Germany), the patterns of welfare use by immigrants across the EU were examined. The researchers found that, contrary to common perceptions, immigrants were not, in general, more likely than natives to be in receipt of welfare benefits. They also found little evidence of immigrants being disproportionately attracted to states with generous welfare systems.

Further research in this area explored the labour market outcomes of immigrants in Ireland under funding from the **Irish Research Council for Humanities and Social Sciences**. Previous ESRI research has shown that immigrants in Ireland suffered a wage penalty relative to comparable natives. This new research, which is relevant to other European countries, showed how this wage penalty varied across the earnings distribution, finding no evidence of a wage penalty at the lower end of the distribution but with the penalty rising in the upper earnings deciles. Related research showed how immigrants were less likely to receive employer-provided training. This may be a source of persistent wage differentials across immigrants and natives, in Ireland and possibly elsewhere.

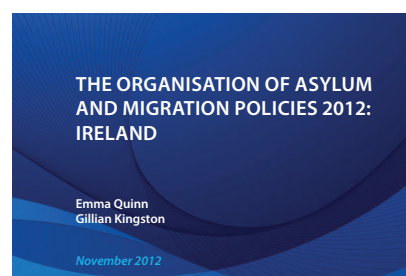
Other research focused on labour market outcomes in the current recession, exploring whether immigrant employment outcomes had diverged from those of natives. The results showed that the rate of employment loss among immigrants greatly exceeded that of natives, with implications for the immigrants themselves and for the functioning of the labour market in Ireland.

The interaction of the recession and migration was also addressed in research which assessed the characteristics of those migrating out of Ireland,

using the *Census of Population 2011*. Among other findings, the research showed that between 2006 and 2011, of the native Irish population aged 20-29, almost 40,000 more left the country than arrived, equivalent to 10 per cent of men and 5 per cent of women.

Research on migration was also published through the work of the European Migration Network (EMN), funded by the **Department of Justice and Equality**, and through the Annual Monitoring Report on Integration, funded by **The Integration Centre**. One of the EMN's reports dealt with the issue of irregular migration to Ireland, providing details of the legal and administrative systems. The integration report had a special focus on children and found immigrant children to be highly motivated, with a more positive attitude to school when compared to their native peers.

Population ageing forms another strand of research within this programme using data from the *Irish Longitudinal Study on Ageing (TILDA)*. The topics covered included an examination of the incomes of Ireland's retirees and the critical role played by supplementary pensions in creating large income differences across groups.



## DEMOGRAPHY AND MIGRATION (continued)

### Programme Coordinator: Philip J. O’Connell

Others working in this area include: Alan Barrett, Adele Bergin, Elaine Byrne, Mairead Finn, Corona Joyce, Elish Kelly, Gillian Kingston, Frances McGinnity, Seamus McGuinness, Emma Quinn.

Project Title	Client/Funding Agency	Status	Researchers
European Migration Network 2012	European Commission, DG Home Affairs	Completed	P.J. O’Connell E. Quinn C. Joyce E. Byrne G. Kingston

### Journal Articles

“The Immigrant Earnings Disadvantage across the Earnings and Skills Distributions: The Case of Immigrants for the EU’s New Member States”, *British Journal of Industrial Relations*, Vol. 50, Issue 3, September 2012, pp. 457-481, **Alan Barrett, Seamus McGuinness**, Martin O’Brien.

*Study on Active Inclusion of Migrants*, IZA Research Report No. 43, IZA, Bonn, Klaus F. Zimmermann, Martin Kahanec, Corrado Guilietti, Martin Guzi, **Alan Barrett, Bertrand Maître**.

### Reports and Other Publications

*Annual Policy Report on Migration and Asylum 2011: Ireland*, ESRI Survey and Statistical Report Series No. 42, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Corona Joyce**.

*The Organisation of Asylum and Migration Policies 2012: Ireland*, ESRI Survey and Statistical Report Series No. 44, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Emma Quinn, Gillian Kingston**.

*Immigration of International Students to the EU: Ireland*, European Commission Directorate-General Home Affairs and ESRI, Dublin, **Philip J. O’Connell, Mairead Finn**.

*Welfare and Immigration*, Migration Policy Centre Research Report 2012/07, Robert Schuman Centre for Advanced Studies, European University Institute, Florence, **Alan Barrett**.

*Misuse of the Right to Family Reunification: Ireland*, ESRI Survey and Statistical Report Series No. 43, ESRI, Dublin, **Corona Joyce**.

### Quarterly Economic Commentary (QEC)

#### Special Articles and Research Notes

“The Impact of Recession on Migration: A Preliminary Analysis of Census 2011”, *QEC* Research Note No. 2012/2/3, **Pete Lunn**.

*Practical Measures for Reducing Irregular Migration: Ireland*, Report prepared for the European Commission Directorate-General Home Affairs and published by the ESRI, Dublin, **Emma Quinn, Gillian Kingston**.

### ESRI Working Papers

WP434: “International Migration in Ireland, 2011”, **Philip J. O’Connell, Corona Joyce, Mairead Finn**.

## DEMOGRAPHY AND MIGRATION (continued)

### Presentations/Papers Read to Conferences and Learned Societies

“An Update on the Irish Longitudinal Study on Ageing”, Scientific Advisory Board of the English Longitudinal Study on Ageing, London, November, **Alan Barrett**.

“Assessing the Impact of Changes in Educational Attainment on Life Expectancy”, Meeting of the Statistical and Social Inquiry Society of Ireland, Dublin, December, **John FitzGerald, Nuša Žnuderl**.

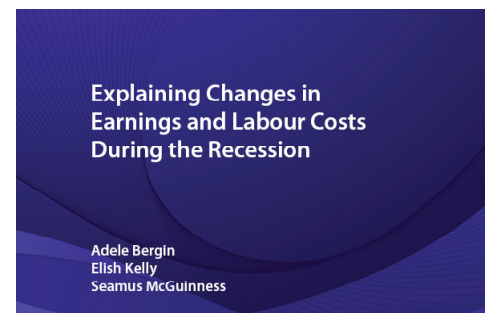
“Childhood Sexual Abuse and Later-life Economic Outcomes”, Seminar, Department of Economics, NUIG, February, **Alan Barrett**.

“Monitoring Integration in Ireland: Challenges and lessons learned”, Expert Seminar on ‘Social Inclusion & Active Citizenship Indicators’, Lisbon, November, **Emma Quinn**.

“Welfare and Immigration”, Migration Policy Centre, European University Institute, Italy, June, **Alan Barrett**.

“What Happened to the Immigrant/Native Wage Gap during the Crisis: Evidence from Ireland”, 5th IZA/CEUR Workshop on EU Enlargement and the Labor Markets: ‘Migration, Crisis and Adjustment in an Enlarged E(M)U II’, Budapest, October, **Adele Bergin**.

“When Don’t Know Responses Tell a Lot: Occupational Pensions”, Annual Conference of the Society of Actuaries, Dublin, September, **Alan Barrett**.



## SOCIAL INCLUSION AND QUALITY OF LIFE

Social inclusion refers to the capacity of people to participate in economic and social life, linked to access to adequate material and other resources. Quality of life is concerned with the balance between material well-being, physical and mental health, family life, labour market participation and social participation.

During 2012, three research projects funded by the **Department of Social Protection** drew on data from the annual *CSO Survey on Income and Living Conditions (SILC)* to examine childhood deprivation, household joblessness and food poverty. Key research findings were that:

- Even when resources are tight, some parents are able to protect their children from deprivation. This capacity is associated with mother's education, parent's employment – especially of the mother – and family stability.
- Household joblessness is a major risk factor for poverty. The percentage of people in jobless households increased very rapidly in Ireland after the start of the recession (15 per cent in 2007 to 22 per cent in 2010, with the latter figure double the average across Europe). The high rate in Ireland is related both to the level of unemployment and to jobless adults in Ireland being less likely to live with a working adult and more likely to live with children.
- In 2010, ten per cent of people experienced food poverty, up from 7 per cent in 2007. Food poverty was more prevalent in younger households, large families, lone parent households, or where the householder was unemployed, ill or had a disability.

Other ongoing research projects relating to social inclusion included projects funded by the **National Disability Authority** on people with mental health disability and on children with a disability; a project on fuel poverty (funded through the **ESRI Energy Policy Research Centre**) and an analysis of the link

between social class and patterns of internet use among 9-year old children (for the **ESRI Programme of Research in Communications**).

In the quality of life area, two projects are being completed in collaboration with an international research team headed by Professor Duncan Gallie at Oxford University. One deals with the impact of the economic crisis in Europe on subjective quality of life while the other analyses changes between 2004 and 2010 in the European experience of work-family conflict. These will be published in 2013.

Other projects in the quality of life area include research funded by the **Irish Sports Council** to examine the reasons people take up and drop out from sport and exercise activities. A project jointly supported by **Swim Ireland** and the **Irish Sports Council** found that swimming has grown in popularity among young adults to become (after walking) the most common sport and exercise activity in Ireland.



Ive Marx (University of Antwerp) with Bertrand Maître at the Department of Social Protection/ESRI national conference on work and poverty, 11 December 2012.

# Economic Growth and Social Progress

## SOCIAL INCLUSION AND QUALITY OF LIFE (continued)

### Programme Coordinators: Dorothy Watson and Helen Russell

Others working in this area include: Elish Kelly, Richard Layte, Pete Lunn, Bertrand Maître, Frances McGinnity, Dorothy Watson.

Project Title	Client/Funding Agency	Status	Researchers
Programme of Research on Social Inclusion 2013: i. Annual Report on Poverty and Work ii. Technical Report on Household Financial Regime iii. Technical Analysis of Food Poverty	Social Inclusion Division, Department of Social Protection	In progress	D. Watson B. Maître
Programme of Research on Social Inclusion 2012: i. Annual Report on Poverty and Work ii. Technical Report on Household Financial Regime iii. Technical Analysis of Food Poverty	Social Inclusion Division, Department of Social Protection	In progress	D. Watson B. Maître
Programme of Research on Social Inclusion 2011: i. Review of Poverty Measurement ii. Annual Report on Childhood Deprivation	Social Inclusion Division, Department of Social Protection	Completed	D. Watson B. Maître
Consultancy Services – Analysis and Measurement of Deprivation and Poverty in Ireland	Social Inclusion Division, Department of Social Protection	In progress	D. Watson B. Maître

## SOCIAL INCLUSION AND QUALITY OF LIFE (continued)

Project Title	Client/Funding Agency	Status	Researchers
SWIM- Keeping them in the Game	Irish Sports Council	In progress	P. Lunn E. Kelly
Swimming in Ireland	Irish Sports Council	Completed	P. Lunn E. Kelly
Price Lab Research Programme	Central Bank, CER, NCA, COMReg	In progress	P. Lunn
Emotional, Psychological and Mental Health (EPMH) Disability	National Disability Authority	In progress	D. Watson

### Journal Articles

“Exploring the Relative Influence of Family Stressors and Socio-Economic Context on Children's Happiness and Well-Being”, *Child Indicators Research*, Vol. 5, Issue 3, September 2012, pp. 523-545, Colette McAuley, **Richard Layte**.

“Identifying Childhood Deprivation: How well do National Indicators of Poverty and Social Exclusion Perform?”, *The Economic and Social Review*, Vol. 43, No. 2, Summer 2012, pp. 251-272, Christopher T. Whelan\*, **Bertrand Maître**.

“Low Pay, In-Work Poverty and Economic Vulnerability: A Comparative Analysis Using EU-SILC”, *The Manchester School*, Vol. 80, Issue 1, January 2012, pp. 99-116, **Bertrand Maître**, Brian Nolan\*, Christopher T. Whelan\*.

“Testing Competing Models of the Strengths and Difficulties Questionnaire's (SDQ's) Factor Structure for the Parent-informant Instrument”, *Personality and Individual Differences*, Vol. 52, Issue 8, June 2012, pp. 882-887, Cathal McCrory\*, **Richard Layte**.

“The Relationship of Parenting Style to Academic Achievement in Middle Childhood”, *The Irish Journal of Psychology*, Vol. 33, No. 4, pp. 137-152, **Aisling Murray**.

“Understanding Material Deprivation: A Comparative European Analysis”, *Research in Social Stratification and Mobility*, Vol. 30, Issue 4, December 2012, pp. 489-503, Christopher T. Whelan\*, **Bertrand Maître**.

### Reports and Other Publications

*Constructing a Food Poverty Indicator for Ireland Using the Survey on Income and Living Conditions*, The Department of Social Protection, Dublin, Caroline Carney, **Bertrand Maître**.

*Technical Paper on Poverty Indicators*, Department of Social Protection, Dublin, **Dorothy Watson**, **Bertrand Maître**.

*Understanding Childhood Deprivation in Ireland*, ESRI and Social Inclusion Division of Department of Social Protection, Dublin, **Dorothy Watson**, **Bertrand Maître**, Christopher T. Whelan\*.

\* Denotes ESRI Research Affiliate.

## SOCIAL INCLUSION AND QUALITY OF LIFE (continued)

*Work and Poverty in Ireland: An Analysis of CSO Survey on Income and Living Conditions 2004-2010*, ESRI and Social Inclusion Division of Department of Social Protection, Dublin, **Dorothy Watson, Bertrand Maître**, Christopher T. Whelan\*.

### Chapters in Books and Reports

“Family Structure in Ireland and Child Emotional and Behavioral Outcomes”, **Maeve Thornton** in Usha S. Nayar (ed.), *Child and Adolescent Mental Health*, pp. 291-307, India: Sage Publications.

### ESRI Research Bulletins

“A Statistical Analysis of Households and Families in Ireland”, ESRI Research Bulletin No. 2012/1/2, **Pete Lunn**.

### ESRI Submissions

“A Submission to the Department of Transport, Tourism and Sport on the National Sports Facilities Strategy 2012-2016”, ESRI Submission No. 2012/5, **Pete Lunn**.

### Other Papers

“Material Deprivation, Economic Stress and Reference Groups in Europe: An Analysis of EU-SILC 2009”, GINI Discussion Paper 36, Amsterdam Institute for Advanced Labour Studies (AIAS), Amsterdam, Christopher T. Whelan\*, **Bertrand Maître**.

“Multidimensional Poverty Measurement in Europe: An Application of the Adjusted Headcount Approach”, GINI Discussion Paper 40, Amsterdam Institute for Advanced Labour Studies (AIAS), Amsterdam, Christopher T. Whelan\*, Brian Nolan\*, **Bertrand Maître**.

“Understanding Material Deprivation in Europe: A Multilevel Analysis”, GINI Discussion Paper 37, Amsterdam Institute for Advanced Labour Studies (AIAS), Amsterdam, Christopher T. Whelan\*, **Bertrand Maître**.

### Presentations/Papers Read to Conferences and Learned Societies

“9-year-olds and Their families”, Inaugural Lecture – INTO/*Growing Up in Ireland* Seminar Series, Dublin, October, **James Williams**.

“A Comparative Analysis of Breastfeeding Rates in Australia, Britain, Ireland and New Zealand”, SLLS International Conference on Childhood and Beyond: 'Tracing Cohorts across the Lifecourse', Paris, October, **James Williams**, Susan Morton (GUNZ, New Zealand), Jan Nicholson (LSAC, Australia), Lucinda Platt (MCS, Britain).

“Children’s Behavioural Outcomes and Adverse Life Events”, *Growing Up in Ireland* Fourth Annual Research Conference, ESRI and TCD, Dublin, November, **James Williams**, Mark Morgan.

“Constructing a Food Poverty Indicator for Ireland using the *Survey on Income and Living Conditions (SILC)*”, Safefood Conference: 'Food Poverty a Major Health Issue', Dublin, October, **Bertrand Maître**.

“Dissemination, Engagement, Impact – the Experience of *Growing Up in Ireland*”, EUCCONET Group: 'Dissemination, Engagement, Impact – Getting Research Understood and Used', Edinburgh, June, **James Williams**.

“*Growing Up in Ireland* – the National Longitudinal Study of Children”, Dublin Institute of Technology, Dublin, December, **James Williams**.

“*Growing Up in Ireland* as a Research Resource”, 'New Perspectives on Family Change' Conference, Maynooth College, Dublin, December, **James Williams**.

\* Denotes ESRI Research Affiliate.



## SOCIAL INCLUSION AND QUALITY OF LIFE (continued)

“*Growing Up in Ireland: Opportunities for Multidisciplinary Research for a Multilevel Perspective using a Bioecological Model*”, SLLS International Conference on Childhood and Beyond: 'Tracing Cohorts across the Lifecourse', Paris, October, **James Williams**, Udo Reulbach (RCSI & TCD).

“Informed Consent and Ethical Procedures in Research with Children – the Experience of *Growing Up in Ireland*”, Research with Children – Children's Research Network for Ireland and Northern Ireland, Dublin, May, **James Williams**.

“Interviewing Children – the Experiences with *Growing Up in Ireland*”, SLLS International Conference on Childhood and Beyond: 'Tracing Cohorts Across the Lifecourse', Paris, October, **James Williams**.

“Multidimensional Poverty Measurement in Europe: An Application of the Adjusted Headcount Approach to EU-SILC 2009”, Annual EQUALSOC Conference, Stockholm, September, **Bertrand Maître**.

“Multidimensional Poverty Among 9-year-olds”, *Growing Up in Ireland* Fourth Annual Research Conference, ESRI and TCD, Dublin, November, **James Williams**, **Aisling Murray**, Christopher T. Whelan\* (UCD).

“Relative Income Poverty and its Association with Child Outcomes – Evidence from *Growing Up in Ireland*”, 'From Child Parenting to Child Well-being: Research and Policy Conference', ESRI, Dublin, April, **James Williams**, Christopher T. Whelan\* (UCD); Children's Research Network of Ireland and Northern Ireland, Dublin, September, **James Williams**, **Aisling Murray**, Christopher T. Whelan\* (UCD).

“Work-life Conflict and the Great Recession: Evidence from Europe”, Plenary Lecture to the European Consortium for Sociological Research/ Equalsoc Conference, Stockholm, September, **Frances McGinnity**.

“Work and Poverty in Ireland, 2004-2010”, Conference: 'Work and Poverty in Ireland', ESRI, Dublin, December, **Bertrand Maître**, **Dorothy Watson**.

### ESRI Seminars

“Climbing Up the Ladders and Sliding Down the Snakes: The Effect of Social (dis) Mobility on Subjective Wellbeing”, Grace Lordan, London School of Economics.

“Evaluating the Early Effectiveness of the 'Preparing for Life' Intervention Programme”, Orla Doyle, University College Dublin.



Bertrand Maître, Dorothy Watson, Frances Ruane (Director) with Joan Burton TD, Minister for Social Protection at the Child Poverty Conference, ESRI, 26 April, 2012.

\* Denotes ESRI Research Affiliate.

## TAXATION, WELFARE AND PENSIONS

The fiscal response to the economic crisis has been the dominant theme of ESRI research on Taxation, Welfare and Pensions. Analysis in 2012 focused on the distributive implications of policy responses, the design of a property tax and the financial incentives to work.

A key finding in terms of distributive impacts was that the policy response to the crisis has, over the full period since the Budget of October 2008, given rise to a greater proportionate fall in incomes of those on high incomes than on those at middle or low incomes. Comparative work with European partners suggests that the distributive impact in Ireland has been among the most progressive. A further finding is that the impact on elderly persons has tended to be less severe than on those of working age, for any given level of income.

Research on the design of a property tax examined the distributional impact of various potential property taxes in Ireland. Designing such a tax involves a series of choices which affect how the burden of the tax is distributed across households. The ESRI tax-benefit model, *SWITCH*, was used to explore the implications of alternative approaches aiming to link a property tax with ability to pay. International comparisons were made to provide insights into choices regarding the structure and operation of a new tax. A key finding was that an income exemption limit below which property tax is not payable (with marginal relief for those with incomes just above the limit) could provide a powerful tool for shaping the income distribution consequences of the tax.

Research on the impact on financial incentives to work shows that calculations based on selected examples can be very 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 on the situation of a married man with children is unrepresentative. The picture provided by *SWITCH* provides a much

better representation of the national situation. Ireland's welfare payment rates for unemployed people are about average in EU terms, contrary to what might be concluded from analyses based simply on example households rather than a nationally representative sample. This research has shown that the vast majority of the unemployed population receive a substantially higher cash income when in work, rather than when unemployed. Our research shows that even when childcare and travel to work costs are taken into account, about 94 per cent of individuals are financially better off in employment. Of the remaining 6 per cent, a majority are actually in employment, despite the lack of an immediate financial gain.



The ESRI Geary Lecture was delivered by Professor Tim Besley (London School of Economics and Political Science), 19 October 2012.

## Economic Growth and Social Progress

### TAXATION, WELFARE AND PENSIONS (continued)

#### Programme Coordinator: Tim Callan

Others working in this area include: Alan Barrett, Claire Keane, Seán Lyons, Michael Savage, John R. Walsh. Work was also undertaken in collaboration with Research Affiliates Justin van de Ven (National Institute of Economic and Social Research) and Olivier Bargain (UCD).

Project Title	Client/Funding Agency	Status	Researchers
<b>SWITCH</b> Research Programme on Tax and Welfare (i) Distributional Impact of Austerity Measures (ii) Financial Incentives to Work (iii) Model Maintenance and Development (iv) Training and Support for Policy Analysis	Department of Social Protection; Department of Finance	In progress	T. Callan C. Keane J. R. Walsh M. Savage
Analysis of Property Tax Options	Department of the Environment, Community and Local Government	Completed	T. Callan C. Keane J. Walsh M. Savage
Learning from Ireland's SSIA Experience	Foundation for Fiscal Studies	Completed	T. Callan C. Keane
Gender Impact of Tax and Benefit Policies (see details in <i>Equality &amp; Integration</i> section)	The Equality Authority	In progress	T. Callan C. Keane M. Savage J. R. Walsh
EUROMOD – Microsimulation Tool for Modeling the Impact of Policy Measures (EUROMOD update)	European Commission, DG Employment, Social Affairs and Inclusion	In progress	T. Callan C. Keane E. Kelly M. Savage

## TAXATION, WELFARE AND PENSIONS (continued)

### Journal Articles

“From Data to Policy Analysis: Tax-benefit Modelling Using SILC 2008”, *Statistical and Social Inquiry Society of Ireland*, Vol. 40, 2010-11, pp. 1-10, **Tim Callan, Claire Keane, John R. Walsh, Marguerita Lane.**

### Reports and Other Publications

*Analysing Pensions: Modelling and Policy Issues*, ESRI Research Series No. 29, ESRI, Dublin, **Tim Callan, Philip J. O’Connell.**

*Analysis of Property Tax Options*, Department of the Environment, Community and Local Government, Dublin, **Tim Callan, Claire Keane, Michael Savage, John R. Walsh.**

*Budget Perspectives 2013*, ESRI Research Series No. 28, ESRI, Dublin, **Tim Callan.**

*EUROMOD Country Report, Ireland, 2007-2010*, Institute for Social and Economic Research, University of Essex, Essex, **Claire Keane, Elish Kelly, Tim Callan, Michael Savage.**

*EUROMOD Country Report, Ireland, 2006-2011*, Institute for Social and Economic Research, University of Essex, Essex, **Claire Keane, Elish Kelly, Tim Callan, Michael Savage.**

*Supplementary Pensions and the Income of Ireland’s Retirees*, TILDA, Dublin, Sanna Nivakoski, **Alan Barrett.**

“Property Tax in Ireland: Key Choices”, ESRI Economic Renewal Series No. 11, **Claire Keane, John R. Walsh, Tim Callan, Michael Savage.**

### Chapters in Books and Reports

“A Framework for Pension Policy Analysis in Ireland: PENMOD, a Dynamic Simulation Model”, **Tim Callan, Justin van de Ven\*, Claire Keane** in **Tim Callan, Philip J. O’Connell** (eds.), *Analysing Pensions: Modelling and Policy Issues*, Dublin: ESRI.

“Work Incentives: New Evidence for Ireland”, **Tim Callan, Claire Keane, Michael Savage, John R. Walsh, Kevin Timoney** in **Tim Callan** (ed.), *Budget Perspectives 2013*, pp. 49-83, Dublin: ESRI.

### Quarterly Economic Commentary (QEC)

#### Special Articles and Research Notes

“Distributional Impact of Tax, Welfare and Public Sector Pay Policies: 2009-2012”, Special Article in *Quarterly Economic Commentary*, Winter 2011/ Spring 2012, pp. 45-55, **Tim Callan, Claire Keane, Michael Savage, John R. Walsh.**

### Presentations/Papers Read to Conferences and Learned Societies

“Austerity, Distribution and Work Incentives: Evidence from Ireland”, ‘Microsimulation for Policymaking in Times of Crisis’, DG Employment, EU Commission, Brussels, November, **Tim Callan.**

“Distributional Aspects of Ireland’s Recession”, Irish Economics Association Annual Conference, Dublin, April, Brian Nolan\* (UCD), **Bertrand Maître, Tim Callan.**

“Domestic Metering and Water Conservation – Economic Implications”, IBEC Conference on the Future of Irish Water Services, Dublin, October, **Edgar Morgenroth.**

“Identifying Policy Impacts in the Crisis: Microsimulation Evidence on Tax and Welfare”, Meeting of the Statistical and Social Inquiry Society of Ireland, CSO, Cork, October, **Claire Keane, Tim Callan.**

“Property Tax in Ireland: Key Choices”, ESRI Conference on Economic Renewal: ‘Economic Adjustment’, Dublin, April, **Claire Keane, Tim Callan.**

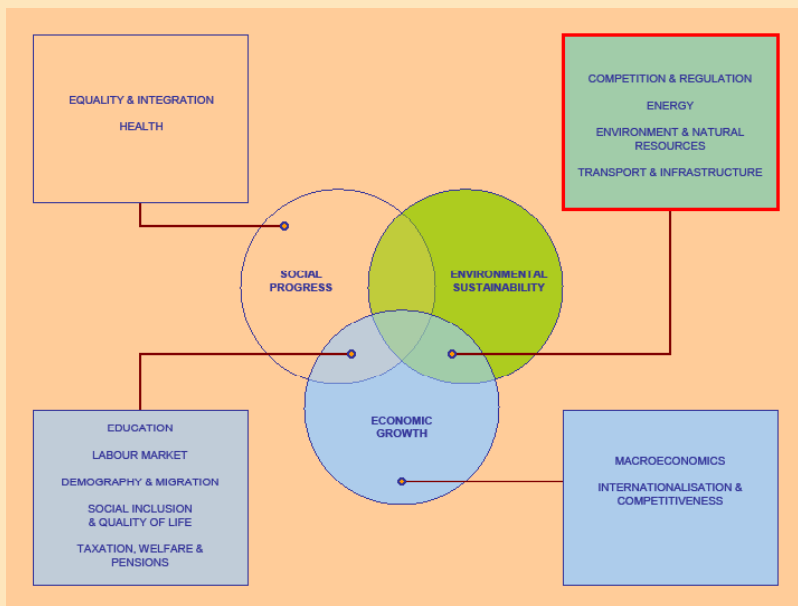
“Work Incentives: New Evidence for Ireland”, ESRI ‘Budget Perspectives 2013’ Conference, Dublin, September, **Tim Callan, Claire Keane, Michael Savage, John R. Walsh, Kevin Timoney.**

### ESRI Seminars

“The Welfare Cost of Lawlessness: Evidence from Somali Piracy”, Tim Besley, London School of Economics and Political Science.

\* Denotes ESRI Research Affiliate.

# Economic Growth and Environmental Sustainability



There are four programmes of research in this area:

- **Energy**  
(coordinated by Professor John FitzGerald and Dr Seán Lyons)
- **Environment and Natural Resources**  
(coordinated by Dr Seán Lyons and Dr Edgar Morgenroth)
- **Transport and Infrastructure**  
(coordinated by Dr Edgar Morgenroth)
- **Competition and Regulation**  
(coordinated by Professor Paul K. Gorecki)

## ENERGY

The ESRI's Energy Policy Research Centre (EPRC) is funded by the **Department of Communications, Energy and Natural Resources**, the **ESB, BGE, Eirgrid, Viridian** and the **Commission for Energy Regulation**. Researchers also collaborate with UCD, TCD, UL and NUIM on the Sustainable Electrical Energy Systems Research Cluster, funded by **Science Foundation Ireland** and with UCC on a project funded by the **Environmental Protection Agency**.

Research on residential energy demand in Ireland using micro data explored the effect of time of day pricing on electricity demand, the determinants of appliance use, the socio-economic distribution of emissions and resource use, and the scope for electricity market segmentation. "Time of Use" tariffs for electricity and better information in bills reduce electricity consumption, but there is no evidence that consumers respond more strongly as the ratio of peak to off-peak prices rises.

Research based on data from the *Census of Industrial Production* estimated elasticities of

substitution between the inputs (capital, labour, energy) of manufacturing firms, showing how energy use in manufacturing firms responds to changing prices and activity levels.

A new set of econometric models has been estimated describing the determinants of the demand for fuels and electricity in Ireland. The estimates are used in the ESRI forecasting model for environmental accounts (*ISus*) to forecast the demand for different fuels up to 2030 and for policy analysis, e.g. to quantify the impact of carbon tax scenarios. ESRI researchers are also collaborating with researchers in UCC on a medium to long-term energy systems model for Ireland.

The extent to which the benefits of domestic energy efficiency are reflected in house prices and rents was explored using a hedonic model developed in collaboration with Ronan Lyons of the University of Oxford and DAFT.ie. The results show that energy efficiency has a positive effect on both the sale and rental prices of properties, and that the effect is significantly stronger in sale prices.

# Economic Growth and Environmental Sustainability

## ENERGY (continued)

The economic implications of replacing Moneypoint in 2025 with different technological options were evaluated. None of the plants considered prove to be optimal overall, and the research explored the advantages and disadvantages of delaying the decision.

Research explored how the all-island wholesale electricity market, SEM, should be reformed to comply with the European Target Model by 2016. Results indicated that making minimal changes

to the SEM to comply with the Target Model is probably preferable to the reinvention of the SEM.

Researchers modelled the effects of increasing wind generation on thermal plants' return to investment and examined the historic relation between electricity generated by wind and SEM prices. Ongoing research compares electricity prices in Ireland and Great Britain to ascertain whether current wholesale and retail prices in each jurisdiction are too high or too low.

### Programme Coordinators: John FitzGerald and Seán Lyons

Others working in this area included: Conor Devitt, Valeria di Cosmo, Paul K. Gorecki, Marie Hyland, Laura Malaguzzi Valeri, Darragh Walsh. Sharon Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Developing an Efficient Market for Electricity	ESRI Energy Policy Research Centre	In progress	J. FitzGerald L. Malaguzzi Valeri S. Lyons P. K. Gorecki V. di Cosmo M. Hyland D. Walsh
Study of Future Fuel Diversity Options for the Irish Power System	ESRI Energy Policy Research Centre	In progress	J. FitzGerald L. Malaguzzi Valeri D. Walsh
"Irish Times" Phase 2	Environmental Protection Agency (Ireland)	In progress	J. FitzGerald V. di Cosmo B. Ó Gallachóir (UCC) A. Chiodi (UCC) P. Deane (UCC) M. Gargiulo (e4sma) A. Kanudia (KanORS) K. Donnellan (Teagasc) T. Hanrahan (Teagasc) J. Breen (UCC)

## ENERGY (continued)

Project Title	Client/Funding Agency	Status	Researchers
Electricity Research Centre: Grid Integration of Renewables, Distributed Generation and Flexible Demand	Programme for Research in Third Level Institutions (PRTLII)	In progress	J. FitzGerald S. Lyons M. O'Malley (UCD) E. Denny (TCD)
Sustainable Electrical Energy Systems	Science Foundation Ireland	In progress	J. FitzGerald S. Lyons V. di Cosmo E. Denny (TCD) M. O'Malley (UCD) D. Flynn (UCD) J. Gleeson (UL) S. McLoone (NUI Maynooth) D. McCoy N. Farrell
Preparing Pre-Retrofit Survey for the Low Income Housing Pilot	Sustainable Energy Authority of Ireland (SEAI)	Completed	S. Lyons D. Watson S. Walsh

### Journal Articles

"Should Coal Replace Coal? Options for the Irish Electricity Market", *The Economic and Social Review*, Vol. 43, No. 4, Winter 2012, pp. 561-596, Seán Diffney, **Laura Malaguzzi Valeri, Darragh Walsh**.

"The Cost of Natural Gas Shortages in Ireland", *Energy Policy*, Vol. 46, July 2012, pp. 153-169, **Eimear Leahy**, Conor Devitt, **Seán Lyons**, Richard S. J. Tol.

### ESRI Working Papers

WP446: "The Incentive to Invest in Thermal Plants in the Presence of Wind Generation", **Valeria di Cosmo, Laura Malaguzzi Valeri**.

WP433: "The Potential for Segmentation of the Retail Market for Electricity in Ireland", **Marie Hyland, Eimear Leahy**, Richard S. J. Tol.

WP428: "Should Coal Replace Coal? Options for the Irish Electricity Market", **Seán Diffney, Laura Malaguzzi Valeri, Darragh Walsh**.

WP424: "The ESRI Energy Model", **Valeria di Cosmo, Marie Hyland**.

WP421: "Electrical Appliance Ownership and Usage in Ireland", **Eimear Leahy, Seán Lyons, Sharon Walsh**.

## ENERGY (continued)

### ESRI Submissions

"A Submission to the Commission for Energy Regulation and the Utility Regulator on the SEM Committee's Consultation Paper, Proposals for Implementation of the European Target Model for the Single Electricity Market (SEM-12-004)", ESRI Submission No. 2012/3, **Paul K. Gorecki**.

"A Submission to the Commission For Energy Regulation and the Utility Regulator on the SEM Committee's Next Steps Proposed Decision Paper, 'Implementation of The European Target Model For The Single Electricity Market' (SEM-12-105a)", ESRI Submission No. 2012/7, **Paul K. Gorecki**.

"A Submission to the Commission for Energy Regulation Consultation Paper, Review of Non Daily Metered Retail Gas Market, CER 12/164", ESRI Submission No. 2012/6, **Paul K. Gorecki**, **Seán Lyons**.

### Other Papers

"Estimating the Impact of Time-of-Use Pricing on Irish Electricity Demand", MPRA Paper 39971, Munich Personal RePEc Archive, Munich, **Valeria di Cosmo**, **Seán Lyons**, **Anne Nolan**.

"The Value of Domestic Energy Building Efficiency – Evidence from Ireland", University of Oxford Department of Economics Discussion Paper No. 614, University of Oxford, Oxford, **Marie Hyland**, **Ronan Lyons**, **Seán Lyons**.

### Presentations/Papers Read to Conferences and Learned Societies

"Estimating the Impact of Time-of-Use Pricing on Irish Electricity Demand", the Irish Economics Association Annual Conference, Dublin, April, **Valeria di Cosmo**, **Seán Lyons**, **Anne Nolan**; ESRI Environmental Economics Seminar, Dublin, May, **Valeria di Cosmo**; Behavioural Economics and Public Policy, Dublin, November, **Valeria Di Cosmo**.

"Investment in Electricity Plants with Increased Wind Generation", ZEW Conference, Mannheim, June; ESRI UCC Energy Modelling Research Seminar,

ESRI, July, **Valeria di Cosmo**; IAEE Conference, Venice, September, **Laura Malaguzzi Valeri**.

"Irish Energy Policy", Guest lecture, RDS, Dublin, February, **John FitzGerald**.

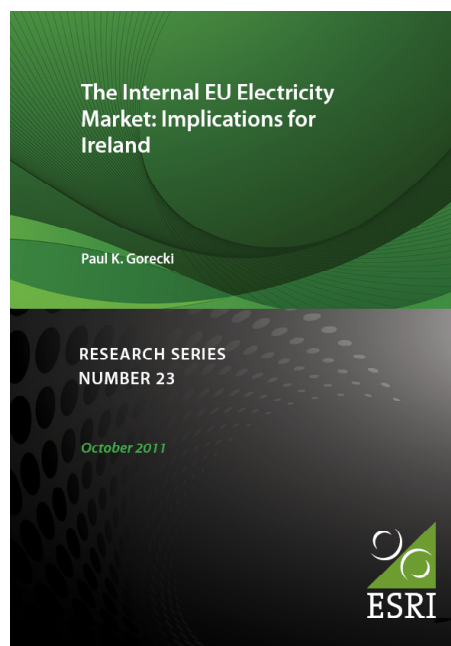
"Relation Between Wind and Electricity Prices in a Deregulated Market: the Case of Ireland", US Association for Energy Economics, Austin, Texas, November, **Laura Malaguzzi Valeri**.

"Simulating Demand for Electrical Vehicles using Revealed Preference Data", Applied Microeconometrics and Public Policy Conference, NUI Galway, July; the Irish Society for New Economists (ISNE), UCC, Cork, August, **Aine Driscoll**.

"The Value of Domestic Building Energy Efficiency – Evidence from Ireland", ESRI Environmental Economics Seminar, ESRI, April; UCC Energy Modelling Research Seminar, ESRI, June, **Marie Hyland**.

### ESRI Seminars

"Should Coal Replace Coal? Options for the Irish Electricity Market in 2025", **Laura Malaguzzi Valeri**, ESRI.





## ENVIRONMENT AND NATURAL RESOURCES

Research on environment and natural resources in 2012 focused on (i) extending and improving the ESRI forecasting model for environmental accounts (*ISus*); (ii) regional environmental emissions; (iii) the effect of nutrient emissions on water quality; (iv) waste management and (v) climate policy.

Significant work was carried out on the Green Net National Product for Ireland project for the **Environmental Protection Agency (EPA)**, a project which involved the ongoing development of the Irish Sustainable Development Model, *ISus*. A new agricultural sub-model was developed within *ISus* that now better integrates Teagasc's projections of the agricultural sector. In addition, spatial models of historical emissions were developed for agriculture and transport emissions which enable analysis of emissions at district electoral division level. The *ISus* model was also refined to project emissions from the Emissions Trading Scheme (ETS) and non-ETS sides of the economy, as policy targets differ between these two categories.

An analysis of water quality linked the variation in water quality across Irish lakes to a range of contributory factors such as septic tanks, urban waste water treatment, phosphorous excreted by livestock, as well as catchment soil and geology. Key findings in the analysis were estimates of the contribution of septic tanks, livestock and forestry to poor water quality. For example, in the case of livestock, catchments with high livestock populations have a proportionately greater negative impact on water quality. The analysis demonstrated the feasibility of using data based on administrative boundaries (e.g., district electoral division) for modelling environmental issues within environmental spatial boundaries (e.g., lake catchments).

New waste projections were developed during the year, which the **Environmental Protection Agency (EPA)** incorporates into its annual National Waste Report. The projections suggested that household and municipal waste generation would return to a growth trend in the next few years and that a

substantial expansion waste treatment capacity will be required to maintain compliance with the Landfill Directive targets in future years. A sensitivity analysis of parameters in the *ISus* waste model concluded that assumptions about general economic growth are more critical than those about household waste behaviours for projecting municipal waste generation.

In the climate policy area, new projections of emissions targets were developed which indicate that, based on existing trends, Ireland will not comply with its committed targets for 2020. A scenario analysis of the impact of an EU proposal to delay auctioning of ETS allowances found that a proposed carbon price floor being introduced by UK authorities will have a greater impact on Irish electricity prices and emissions than the EU proposal.



## ENVIRONMENT AND NATURAL RESOURCES (continued)

### Programme Coordinators: Seán Lyons and Edgar Morgenroth

Others working in this area include: John FitzGerald, Paul K. Gorecki, John Curtis, Marie Hyland, Laura Malaguzzi Valeri, Anne Pentecost, Aine Driscoll, Sharon Walsh, Liam Murphy

Project Title	Client/Funding Agency	Status	Researchers
Towards a Green Net National Product for Ireland	Environmental Protection Agency	In progress	J. Curtis S. Lyons E. Morgenroth A. Driscoll A. Pentecost
Review of the Producer Responsibility Initiative Model in Ireland	Department of the Environment, Community & Local Government	In progress	P. Gorecki RPS

### Journal Articles

“Civil War, Climate Change, and Development: A Scenario Study for Sub-Saharan Africa”, *Journal of Peace Research*, Vol. 49, No. 1, January 2012, pp. 129-145, **Conor Devitt**, Richard S. J. Tol.

“Corporate Expenditure on Environmental Protection”, *Environmental and Resource Economics*, Vol. 51, No. 2, February 2012, pp. 277-296, **Stefanie Haller**, **Liam Murphy**.

“Greener Homes: An Ex-Post Estimate of the Cost of Carbon Dioxide Emission Reduction using Administrative Micro-Data from the Republic of Ireland”, *Environmental Economics and Policy Studies*, Vol. 14, Issue 3, October 2012, pp. 219-239, **Eimear Leahy**, Richard S. J. Tol.

“Socioeconomic Distribution of Emissions and Resource Use in Ireland”, *Journal of Environmental Management*, Vol. 112, 2012, pp. 186-198, **Seán Lyons**, **Anne Pentecost**, Richard S. J. Tol.

### Reports and Other Publications

*The Environment Review 2012*, ESRI Research Series No. 26, ESRI, Dublin, **John A. Curtis**.

### ESRI Working Papers

WP426: “Socioeconomic Distribution of Emissions and Resource Use in Ireland”, **Seán Lyons**, **Anne Pentecost**, Richard S. J. Tol.

WP423: “The Impact of Climate on Tourist Destination Choice”, Richard S. J. Tol, **Sharon Walsh**.

WP422: “Trends in Air Pollution in Ireland: A Decomposition Analysis”, Richard S. J. Tol.

WP420: “Trade, Energy, and Carbon Dioxide: An Analysis for the Two Economies of Ireland”, **Marie Hyland**, Anne Jennings, Richard S.J. Tol.

### ESRI Submissions

“Submission to the Department of the Environment, Community and Local Government on the Establishment of a Public Water Utility and the Future Funding of Water”, ESRI Submission No. 2012/1, **John FitzGerald**, **Edgar Morgenroth**.

### Other Papers

“Disentangling Water Usage in the European Union: A Decomposition Analysis”, MPRA Paper

## ENVIRONMENT AND NATURAL RESOURCES (continued)

No. 42865, Munich Personal RePEc Archive, Munich, **Valeria di Cosmo, Marie Hyland, Maria Llop.**

### Presentations/Papers Read to Conferences and Learned Societies

“An Analysis of Non-Commuting Travel”, ESRI Environmental Economics Seminar, ESRI, May, **Edgar Morgenroth, Aine Driscoll, Anne Nolan.**

“Avenues to Sustainable Growth”, Agricultural Science Association Conference 2012, September, **John Curtis.**

“Climate Change and Tourism in the Arctic Circle”, Irish Society for New Economists (ISNE), UCC, Cork, August, **Sharon Walsh.**

“Estimating the Effects of Land-use and Catchment Characteristics on Lake Water Quality: Irish Lakes 2004-2009”, Agricultural Economics Society of Ireland Annual Conference, October, **John Curtis, Edgar Morgenroth.**

“Testing Alternative Models of Evaluation Disparities”, International Association for Research in Economic Psychology (IAREP), Poland, September, **Pete Lunn.**

“The Impact of Land Use on Lake Water Quality in Ireland 2004-2009”, ESRI Environmental Economics Seminar, Dublin, May, **John Curtis.**

“Towards Green Net National Product: A Summary of Modelling and Other Output”, ESRI Environmental Economics Seminar, Dublin, May, **Edgar Morgenroth.**

### ESRI Seminars

“The Carbon Crunch – Why Has So Little Been Achieved So Far?”, Dieter Helm, University of Oxford.



At the ESRI Environmental Economics Seminar were Seán Lyons, Frances Ruane (Director) and Sue Scott (ESRI Affiliate), 3 May, 2012.

## TRANSPORT AND INFRASTRUCTURE

During 2012 research on transport and infrastructure focused on areas including the valuation of rail access; the potential demand for electric cars; the exchequer impact of a fuel rebate; the impact of climate on tourism and issues related to the establishment of *Irish Water*. In addition, research was also conducted on transport mode choice for different journey purposes and the identification of the determinants of rail mode share.

The research on the value of rail access was carried out as part of an **Environmental Protection Agency** funded project. It applied a hedonic model of house prices in Dublin to identify the impact of proximity to rail infrastructure. The research found that while proximity to rail stations increases property values, being close to rail lines decreases the value. Proximity to the LUAS tram services was found to increase property values by more than being close to either the DART or mainline services.

This project also explored the likely penetration of electric cars. This involved quantifying the value placed on particular car characteristics, including price and fuel consumption, by purchasers of cars. Given the characteristics of electric cars the potential demand was then estimated. The results show that the achievement of government targets on electric car penetration would require extremely high subsidies.

As part of a major **EU RTD 7th Framework Programme** project, the impact of climate on

tourism was investigated. The determinants of holiday destination choice for tourists from 182 countries over a fifteen-year time period were analysed. The results suggest that tourists prefer to stay relatively close to their home country and have a preference for countries that have a long coast and lots of heritage sites. Of specific relevance to Ireland is that a high level of rainfall was not found to deter tourists, but all else being equal tourists prefer a warm climate but dislike excessive heat. Therefore, changes in precipitation and temperature due to climate change could be expected to change the pattern of international tourism.

A report on the exchequer impact of the introduction of an essential fuel user tax rebate on diesel fuel was produced for the **Department of Transport, Tourism and Sport**. This showed that the introduction of such a rebate would have a significant negative impact on the exchequer.

Finally, a submission on the establishment of a public water utility and the funding of water services was submitted to the **Department of the Environment, Community and Local Government**. The submission highlighted the potential macroeconomic benefit of the establishment of *Irish Water* but also identified a number of issues, such as the means by which poor households are to be protected, that will need to be considered in the light of careful analysis.

### Programme Coordinator: Edgar Morgenroth

Others working in this area include: Aine Driscoll, Seán Lyons, Anne Nolan, Anne Pentecost, Sharon Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Transport Planning Services Framework	National Roads Authority	In progress	E. Morgenroth

## TRANSPORT AND INFRASTRUCTURE (continued)

Project Title	Client/Funding Agency	Status	Researchers
The Exchequer Impact of the Introduction of an Essential Fuel User Tax Rebate on Diesel Fuel	Department of Transport, Tourism and Sport	Completed	E. Morgenroth M. Hyland
Arctic Climate Change, Economy and Society (ACCESS)	European Commission, DG Research and Innovation, FP7	In progress	E. Morgenroth R. S. J. Tol A. Pentecost S. Walsh

### Journal Articles

"A Hedonic Analysis of the Value of Rail Transport in the Greater Dublin Area", *Journal of Transport Economics and Policy*, Vol. 46, Part 2, May 2012, pp. 239-261, Karen Mayor, **Seán Lyons**, **David Duffy**, Richard S. J. Tol.

"The Cost of Sprawl", Regional Studies Association/ ESRI Conference: 'Ten Years On: Revisiting the National Spatial Strategy', Dublin, June, **Edgar Morgenroth**.

### ESRI Working Papers

WP437: "Simulating Demand for Electrical Vehicles using Revealed Preference Data", **Áine Driscoll**, **Seán Lyons**, Franco Mariuzzo, Richard S. J. Tol.

"The Impact of Accessibility Improvements on Settlement Patterns in Ireland", 5th WIFO Regional Economics Workshop, Vienna, September, **Edgar Morgenroth**.

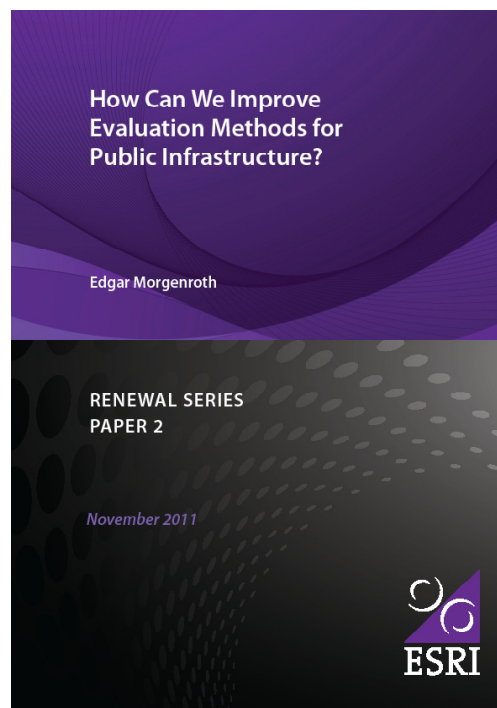
### Presentations/Papers Read to Conferences and Learned Societies

"Domestic Metering and Water Conservation – Economic Implications" IBEC Conference on the Future of Irish Water Services, Dublin, October, **Edgar Morgenroth**.

"Evidence on Rural Urban Differences", Annual Irish Rural Studies Symposium, Royal Irish Academy, Dublin, September, **Edgar Morgenroth**.

"Recent Trends in Spatial Patterns and Implications for Transport", Chartered Institute of Highways and Transportation Annual Conference, Galway, May, **Edgar Morgenroth**.

"Some Economic Issues on the Setting Up of Irish Water", International Water Association World Congress, Dublin, May, **Edgar Morgenroth**.



## COMPETITION AND REGULATION

This research programme focuses on the necessity, efficiency and effectiveness of State intervention in the marketplace. Competition policy addresses economy-wide issues including merger control, restrictive agreements and the exercise of market power by dominant firms. In contrast, the focus of regulation is on specific sectors such as telecommunications, energy or household waste. Nevertheless, competition issues are often discussed in relation to competition in a specific market.

During 2012 the Programme for Research in Telecommunications, funded by the **Department of Communications, Energy and Natural Resources** and the **Commission for Communications Regulation**, concentrated on four topics:

- Modelling the market for broadband services.
- Economic and social aspects of broadband availability and adoption.
- Effects of electronic communications services on company performance.
- Implications of behavioural economics for economic regulation and consumer protection.

Research topics included: choice, price and service characteristics in the Irish broadband market; whether behavioural biases constitute a fourth market failure; broadband adoption and manufacturing productivity; the effects of broadband provision on Irish primary schools; and socio-economic influences on the use of the internet by Irish children. The research found, for example, that in the Irish broadband market, the marginal valuation of download speed decreases as the speed level increases, with little value currently placed upon speeds above about 60 Mb/s.

Research was conducted on extended producer responsibility compliance schemes, which involve producers bearing a significant degree of responsibility for the environmental impacts of their products. A compliance scheme typically

assists in the collection of a particular waste stream (e.g. Repak, packaging) and is accountable for meeting certain environmental targets. The research is investigating, for example, whether the current compliance scheme arrangements are inhibiting competition and, if so, how this situation can be improved. The research is funded by the **Department of the Environment, Community and Local Government** as part of a larger project in collaboration with RPS Group, Bio Intelligence Services and Philip Lee, Solicitors. The research is scheduled for completion in early 2013.

Finally, research was carried out on the impact of the recession on competition and regulatory policy. The international evidence suggests that relaxing competition and regulatory policy during bad economic times may deliver transitory benefits but that it is an economically costly policy. In the case of competition policy the initial reaction of policymakers in 2008/10 was to relax policy, through, for example, proposals for carve outs/exemptions from competition law, but the EU-IMF Programme of Financial Support for Ireland set a strongly pro-competition agenda. In the taxi market, regulatory measures including the prohibition on new taxi licences and limiting market flexibility is likely to lower service quality (e.g., increased waiting times, less fare discounting).



Paul K. Gorecki and Cathal Hanley (Competition Authority) at the ESRI Renewal Conference on Financial Stability, 29 February 2012.

## COMPETITION AND REGULATION (continued)

### Programme Coordinator: Paul K. Gorecki

Others working in this area include: John FitzGerald, Stefanie Haller, Pete Lunn, Seán Lyons, Laura Malaguzzi Valeri, Marie Hyland, Sharon Walsh.

Project Title	Client/Funding Agency	Status	Researchers
Research in Communications: (i) Modelling the Market for Broadband Services (ii) Economic and Social Aspects of Broadband Availability and Adoption (iii) Effects of Electronic Communications Services on Company Performance (iv) Implications of Behavioural Economics for Economic Regulation and Consumer Protection (v) Effect of Local Regulation on Investment in Masts and Duct Infrastructure	Commission for Communications Regulation; Department of Communications, Energy and Natural Resources	Completed	S. Lyons S. Haller P. Lunn P. K. Gorecki M. Savage M. Hyland D. Watson S. Walsh
Review of the Producer Responsibility Initiative Model in Ireland	Department of the Environment, Community and Local Government	In progress	P. K. Gorecki

### Journal Articles

“Competition Policy in Ireland’s Recession”, *The Economic and Social Review*, Vol. 43, No. 4, Winter 2012, pp. 597-629, **Paul K. Gorecki**.

“Ensuring Compatibility of the All-island Electricity System with the Target Model: Fitting a Square Peg into a Round Hole?”, *Energy Policy*, Vol. 52, January 2013, pp. 677-688, **Paul K. Gorecki**.

### Reports and Other Publications

*Pharmaceuticals Delivery in Ireland. Getting a Bigger Bang for the Buck*, ESRI Research Series No. 24, ESRI, Dublin, **Paul K. Gorecki, Anne Nolan, Aoife Brick, Seán Lyons**.

“Troubled Times: What Role for Competition and Regulatory Policy?”, ESRI Economic Renewal Series No. 10, **Paul K. Gorecki**.

## COMPETITION AND REGULATION (continued)

### ESRI Research Bulletins

“Pharmaceuticals: Getting Better Value for Money”, ESRI Research Bulletin No. 2012/2/1, **Paul K. Gorecki, Anne Nolan, Aoife Brick, Seán Lyons.**

### ESRI Working Papers

WP443: “Sentencing in Criminal Cartel Cases in Ireland: the Duffy Judgment”, **Paul K. Gorecki,** Sarah Maxwell.

WP441: “Regulating Small Public Service Vehicles in Ireland: Is There a Problem of Oversupply?”, **Paul K. Gorecki.**

WP435: “Choice, Price and Service Characteristics in the Irish Broadband Market”, **Seán Lyons, Michael Savage.**

WP432: “Timing and Determinants of Local Residential Broadband Adoption: Evidence from Ireland”, **Seán Lyons.**

WP427: “Competition Policy in Ireland: A Good Recession?”, **Paul K. Gorecki.**

### ESRI Submissions

“A Submission to the Department of Communications, Energy and Natural Resources Consultation on the Next Generation Taskforce Report Enabling a Connected Society”, ESRI Submission No. 2012/4, **Paul K. Gorecki, Seán Lyons.**

### Other Papers

“Broadband Adoption and Firm Productivity: Evidence from Irish Manufacturing Firms”, MPRA Paper No. 42626, Munich Personal RePEc Archive, Munich, **Stefanie Haller, Seán Lyons.**

### Presentations/Papers Read to Conferences and Learned Societies

“Are Consumer Decision-making Biases a Fourth Market Failure?”, Behavioural Economics and Public Policy, Dublin, November, **Pete Lunn.**

“Behavioural Economics and Markets: What are the Implications for Regulation?”, EU Directors and Experts in Better Regulation, Dublin, November, **Pete Lunn.**

“Beyond Cuts: Competition and Pricing in the Pharmaceutical Sector”, CEO Health Forum: ‘Competition in Healthcare’, Dublin, January, **Paul K. Gorecki.**

“Can Policy Improve Our Financial Decision-Making?”, ESRI Conference on Economic Renewal: ‘Financial Stability After the Crisis’, February, **Pete Lunn.**

“Choice, Price and Service Characteristics in the Irish Broadband Market”, Applied Microeconometrics and Public Policy Conference, NUI Galway, July, **Seán Lyons;** Irish Society for New Economists (ISNE), UCC, Cork, August, **Michael Savage.**

“Economic Regulation and Economic Recovery”, Economic Regulators Network Group Workshop, Dublin, September, **Paul K. Gorecki.**

“Ensuring Compatibility of the All-island Electricity Market with the European Target Model: Fitting a Square Peg into a Round Hole”, Mannheim Energy Conference, June, **Paul K. Gorecki.**

“The Internal EU Electricity Market: Implications for Ireland”, Energy and Environment Division, Engineers Ireland, Dublin, February, **Paul K. Gorecki.**

“Troubled Times: What role for Competition and Regulatory Policy?”, ESRI Conference on Economic Renewal: ‘Economic Adjustment’, Dublin, April, **Paul K. Gorecki.**



# Surveys and Data from Administrative Records

## COMMISSIONED NATIONAL STUDY OF CHILDREN

Project Title	Client/Funding Agency	Core GUI Project Team based in the ESRI	
The National Longitudinal Study of Children in Ireland (NLSCI) – <b>Growing Up in Ireland</b> research programme	Department of Children and Youth Affairs in association with the Department of Social Protection and the Central Statistics Office	J. Williams (Lead) F. Burke J. Gleeson C. Kirwan A. Murray	A. Murphy P. Needham A. Quail E. Ryan M. Thornton

During 2012 work continued on the national longitudinal study of children – the **Growing up in Ireland (GUI)** project. 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**. It is being carried out by a consortium led jointly by researchers at the ESRI and Trinity College Dublin.

A very significant step for the project was the announcement on 30 May, by Minister for Children and Youth Affairs, Frances Fitzgerald TD, that funding would be available for a third round of data collection with the younger children in the study, when they will be 5 years of age. This is a critical stage in a child's development as she/he makes the transition to school. Questionnaire development commenced immediately in June and, following ethical approval, pilot fieldwork in the children's homes took place in October/November. This pilot was followed by fieldwork in their schools. It is envisaged that the main phase of home-based data collection with the 5-year-olds will take place in March to September 2013, with school-based fieldwork taking place throughout the 2013/2014 academic year.

The second round of data collection with the older cohort in the study (when the children were 13 years of age) was carried out in the first half of 2012. A total of 7,800 children and their families participated, representing a response rate of 90 per cent.

March 2012 saw the launch of a report by Minister Fitzgerald on *How Families Matter for the Social and Emotional Outcomes of 9 Year Old Children*. This was followed by a policy seminar which was addressed by An Taoiseach, the Minister for Children & Youth Affairs and several key policymakers from the Departments of Children & Youth Affairs, Social Protection and Health, as well as by the Institute's Director and GUI's Principal Investigator.

Six data workshops on the GUI data were held throughout 2012. These were attended by a large number of researchers, policymakers and other stakeholders.

The fourth GUI Annual Research Conference was held on 29 November. It marked the launch of the first findings from the 13-year-olds and included over 20 papers based on both 9-year and 9-month cohorts from the study. The Keynote address, entitled *The Importance of Longitudinal Studies for Policy and Practice*, was given by Professor Lucinda Platt, Director of the Millennium Cohort Study and Professor of Sociology at the Institute of Education, University of London.

# Surveys and Data from Administrative Records

## COMMISSIONED NATIONAL HEALTH DATA PROGRAMMES

Project Title	Client/Funding Agency	Core GUI Project Team based in the ESRI	
Hospital In-Patient Enquiry (HIPE)/ National Perinatal Reporting System (NPRS)	Health Service Executive	M. M. Wiley (Lead) S. Bonham A. Brick M. Chance N. Cunningham J. Curley P. Dunne E. Feeney C. Glennon M. Glynn J. Hunter K. Kearns C. Keegan S. Leavy	A. Lewandowska B. McCarthy S. McDermott M. McKenna L. McMahon L. Metcalfe A. Mulligan D. Murphy C. O'Donovan S. O'Hara J. O'Reilly I. Sikora S. Smyth

The **Health Service Executive** funds the ESRI to manage and develop two national data bases collecting health information from administrative records. During 2012, reports for the National Perinatal Reporting System were published for 2010 and 2011 and a report for the Hospital Inpatient Enquiry was published for 2011: ([http://www.esri.ie/health\\_information/latest\\_hipe\\_nprs\\_reports/](http://www.esri.ie/health_information/latest_hipe_nprs_reports/)).

In addition to publishing reports, responsibilities for these data systems include development of the relevant software, training of all clinical coders nationally, regular updating of the national databases, facilitating access to the data and ensuring that data quality checks are applied and quality standards supported.

In 2012, 6 updates to the national software for collecting and reporting on HIPE data were delivered, 1,400 IT support calls were processed and 29 national file updates released. A total of 53 training courses were delivered to 647 participants across a range of areas including clinical coding,

quality review, report development etc. In addition, over 500 coding queries were processed. With regard to data quality initiatives, almost 15,000 checks were issued throughout the year. Targeted data quality initiatives were undertaken in collaboration with the Department of Health and the Quality and Safety Directorate of the HSE. As a response to the specific data requirements of a number of HSE clinical programmes, a dedicated data collection facility has been integrated into the HIPE Portal to meet the data needs of the programmes working on stroke, cardiac care, hip fracture and chronic obstructive pulmonary disease.

The development of the HIPE Online Portal (HOP) has been an important step towards ensuring that relevant users have easy, prompt and appropriate access to the national databases. With this facility, a secure remote desktop protocol allows authorised users access HIPE data and the HIPE Portal Reporter tools. All HIPE national files are now released via the HOP server and its fileserve module. As of December 2012, there were around 50 registered HOP users from various organisations

# Surveys and Data from Administrative Records

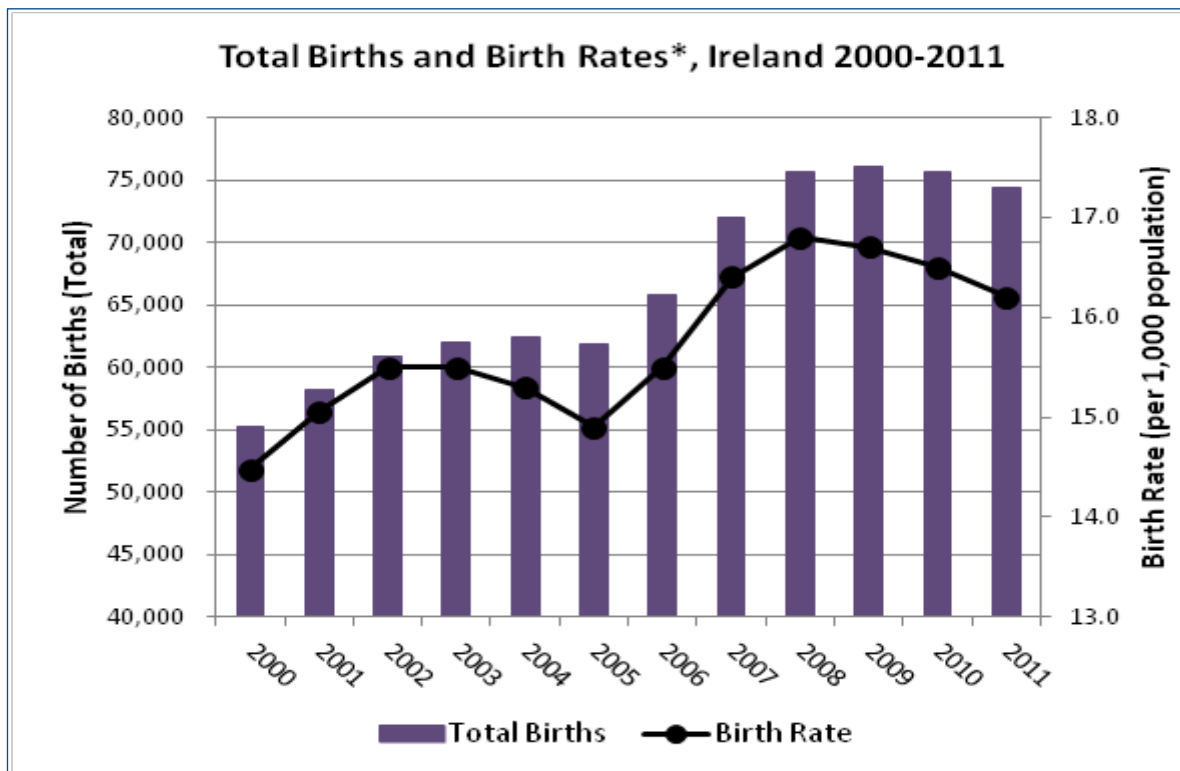
## COMMISSIONED NATIONAL HEALTH DATA PROGRAMMES (continued)

including the HSE, National Casemix Programme, HIQA, National Cancer Control Programme etc. In addition to the HOP, data can also be accessed via the HIPE online reporter on the ESRI website. In 2012, close to 90 requests for HIPE or NPRS data were completed for users with specific requirements.

Advancing the research potential of the HIPE and NPRS databases continued throughout the year with conference presentations and publications on a range of issues including breastfeeding, stroke and resourcing hospital services. Towards the end of the year a number of new projects were commenced including (i) a review of rehabilitation services for stroke survivors for the Irish Heart Foundation, (ii) an investigation of factors impacting on Caesarean Section Rates for the HRB and (iii) the development of performance indicators for patient safety for the HIQA.



HIPE Online Portal (HOP)  
Enabling National Access to HIPE Data



Source: National Perinatal Reporting System (NPRS), HRID, ESRI. February 2013.

\* Based on Live Births.

## Other Staff Commitments

### A. BARRETT

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

### A. BERGIN

- (i) Member, CSO Expert Group on Population and Labour Force Projections.

### S. BONHAM

- (i) Member, Scientific Committee on EURO-PERISTAT project.

### T. CALLAN

- (i) Research Fellow, Institute for the Study of Labour (IZA), University of Bonn.
- (ii) Member, Technical Advisory Group of Social Inclusion Division. Department of Social Protection.

### J. CURLEY

- (i) Member, Expert Group on Prospective Funding in Palliative Care, HSE Clinical Strategy and Programmes Directorate.

### M. DARMODY

- (i) Associate Editor, *European Sociological Review*.
- (ii) Reviewer, *Journal of Further and Higher Education*.
- (iii) Member, International Integration Steering Committee (TCD).

### D. DUFFY

- (i) Member, Mortgage Arrears and Personal Debt Group.

### J. DURKAN

- (i) Lecturer, University College Dublin.

### J. FITZGERALD

- (i) Member, Irish Energy Research Council.
- (ii) Member, Central Bank Commission.
- (iii) Member, UCD External Advisory Board on Energy Research.
- (iv) President, Association d'Instituts Européens de Conjuncture Economique.

### P. GERLACH-KRISTEN

- (i) Lecturer, Trinity College Dublin.

### P. K. GORECKI

- (i) Non-Governmental Advisor, Merger Working Group, International Competition Network.
- (ii) Member, National Waste Forum.

### S. HALLER

- (i) ESRI representative, CSO Enterprise Statistics Liaison Group.

### E. KELLY

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

### R. LAYTE

- (i) Director, Centre for Longitudinal Studies in Ireland.
- (ii) Supervisor, Ph.D. candidate in Primary Care, Royal College of Surgeons in Ireland.
- (iii) Supervisor, Ph.D. candidate in Health Psychology, Royal College of Surgeons in Ireland.
- (iv) Supervisor, Ph.D. candidate in Dept. Social Policy and Social Work, TCD.

- (v) Member, Adelaide and Meath Society Policy Committee.
- (vi) Member, Editorial Advisory Committee, *Administration*.

### P. LUNN

- (i) ESRI representative on Royal Irish Academy Social Sciences Committee.
- (ii) Member, Academic Advisory Forum of National Consumer Agency.

### S. LYONS

- (i) Honorary Secretary, Statistical and Social Inquiry Society of Ireland.
- (ii) Member of OFWAT Future Regulation Advisory Panel.
- (iii) Co-Supervisor, five Ph.D. Candidates, Department of Economics, TCD.

### B. MAITRE

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

### B. MCCARTHY

- (i) Member, Subcommittee on Public/Private Mix in Consultant Contract.
- (ii) Member, Executive Committee, Patient Classification Systems International.

### S. MCCOY

- (i) Member, Child Development and Education Expert Panel, National Longitudinal Study of Children in Ireland.
- (ii) Member, Editorial Board, *Irish Educational Studies*.
- (iii) Member, Expert Panel on Early School Leaving, Limerick Regeneration Programme.
- (iv) Member, Higher Education Access Route (HEAR) Advisory Group, IUA/HEA.

- (v) External Ph.D. Examiner, NUI Maynooth.

### F. MCGINNITY

- (i) Member, Selection Panel, RC28 Spring Conference, University of Essex.
- (ii) External Examiner, Ph.D. Candidate, Centre for Census and Survey Research, University of Manchester.

### S. MCGUINNESS

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

### L. MALAGUZZI VALERI

- (i) Lecturer, Trinity College Dublin.
- (ii) Member, National Renewable Action Energy Plan Committee, Department of Communications, Energy and Natural Resources.

### 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, Advisory Committee on Northern Ireland Infrastructure Audit, Strategic Investment Board of Northern Ireland.

## Other Staff Commitments

### D. MURPHY

- (i) Member, International Advisory Panel, *Health Information Management Journal*.
- (ii) Member, World Health Organisation – Update Reference Committee.
- (iii) Member, CSAC – Coding Standards Advisory Committee (National Centre for Classification, Sydney Group).
- (iv) Member, Scientific Committee on GP Morbidity Coding for The Irish College of General Practitioners.
- (v) Member, HIQA Health Information Standards Steering Committee (HISSC).

### A. NOLAN

- (i) Member, Steering Group, HRB-funded project ‘National and Regional Projections of GMS Community Drug Costs’.

### P. J. O’CONNELL

- (i) Member, Management Board, and Chair, Research Sub-Committee, the Bridge Project – the Probation and Welfare Service, the Irish Youth Foundation, and City of Dublin VEC.
- (ii) Member, General Governing Board, EqualSoc, International Network of Excellence.
- (iii) Irish Delegate, OECD Continuous Reporting System on Migration (SOPEMI).
- (iv) Member, Editorial Board, *Social Forces, International Journal of Social Research*.
- (v) Member, International Editorial Board, *Journal of Youth Studies*.
- (vi) Council Member, Economic and Social Studies.
- (vii) Member, Advisory Council, MA in European Labour Markets, Trinity College Dublin.
- (viii) Member, Advisory Board, Social Science Research Centre, University College Dublin.
- (ix) Teaching:
  - Sociology of Migration, M.Sc Sociology, University College Dublin.

- Active Labour Market Policies, MSc European Employment Studies, Trinity College Dublin.

### C. O’DONOVAN

- (i) Member, Consultant Trainer, the Association for Clinical Data Management (ACDM).

### J. O’REILLY

- (i) Member, Subcommittee on Public/Private Mix in Consultant Contract.
- (ii) Member, Joint Public/Private Mix Measurement Committee.
- (iii) Member, EuroDRG – Diagnosis-Related Groups in Europe: towards Efficiency and Quality (FP7).

### F. RUANE

- (i) Member, Editorial Board, *Journal of International and Economic Policy*.
- (ii) Member, Editorial Board, *International Review of Economics and Finance*.
- (iii) Research Associate, Institute for International Integration Studies, Trinity College Dublin.
- (iv) Honorary Professor, Department of Economics, Trinity College Dublin.
- (v) Council Member, The Statistical and Social Inquiry Society of Ireland.
- (vi) Council Member, Economic and Social Studies.
- (vii) Council Member, Royal Irish Academy.
- (viii) Member, Higher Education Authority.
- (ix) Member, Health Research Board.
- (x) Member, Council of Economic Advisors to the First Minister of Scotland - Scottish Fiscal Commission Working Group.
- (xi) Member, Economic Advisory Group, Department of Enterprise, Trade and Industry, Northern Ireland.
- (xii) Member, National Pensions Reserve Fund Commission.

### 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) Ph.D. External Examiner, University of Oslo.
- (v) Member, European Social Survey Steering Group.

### S. SMITH

- (i) Co-supervisor, Ph.D. candidate in Health Economics, Centre of Health Policy & Management, Trinity College, Dublin.

### I. SIEDSCHLAG

- (i) Member, TCD-ESRI Steering Group.
- (ii) Joint Scientific Co-ordinator and Member of Steering Committee, International Research Consortium “The Impact of Service Sector Innovation and Internationalisation on Growth and Productivity”.
- (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.
- (vi) Member, Doctoral Studies Panel, School of Economics, University College Dublin.
- (vii) Member, International Advisory Board, *Eastern Journal of European Studies*.
- (viii) Member, Editorial Board, *Economic Systems*.
- (ix) Member, Scientific Committee, EUROFRAME 9th International Conference on Economic Policy Issues in the European Union.
- (x) Member, Scientific Committee, Irish Economic Association Annual Conference.
- (xi) Member, Advisory Board on the European Research Area, European Commission, DG Joint Research Centre.

- (xii) Member, Scientific Committee for Workshop on *Productivity, Institutions and Services*, Assisi, Italy.
- (xiii) Council Member, Irish Economic Association.
- (xiv) Member, Advisory Board on “Composite Indicators for the Innovation Union”, European Commission, Joint Research Centre, DG.
- (xv) Member, Scientific Committee, International Network for Economic Research.

### D. WATSON

- (i) Member, Office for Social Inclusion, Technical Advisory Group.

### M. M. WILEY

- (i) Member, Health Information Standards Steering Committee (HIQA).
- (ii) Member, Subcommittee on Public/Private Mix in Consultant Contract (HSE).
- (iii) Member, Advisory Group for Nurse Forecasting: Resource Planning in Nursing (FP7).
- (iv) Member, Information Executive Group, HSE.

### J. WILLIAMS

- (i) Member, Advisory Panel of Experts, Lifestart Foundation, Queen’s University Belfast.
- (ii) Member, Steering Group on Attitudes to Family Formation in Ireland, Family Support Agency.
- (iii) Member, Steering Group, Centre for Longitudinal Studies in Ireland.

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\*\* On secondment



## Donal Nevin – Obituary



*Donal Nevin RIP*  
1924-2012

Donal Nevin was one of the 18 founder members of the Economic and Social Research Institute in 1960. The Institute was established under the auspices of the *Statistical and Social Inquiry Society of Ireland*, following the negotiation of a grant from the Ford Foundation by Dr TK Whitaker (Secretary of the Department of Finance). Donal served with distinction on the ESRI Council, the governing body of the Institute, for more than four decades. In 2002 he was elected President of the Institute, on the retirement of Sir George Quigley. He held this post until his retirement from the Council in May 2004.

Donal Nevin joined the Civil Service in 1941. He spent eight years in the statistical branch of the Department of Industry and Commerce. In 1949 he was appointed research officer of the Irish Trade Union Congress (ICTU). He was promoted to the assistant secretary position and in 1982 succeeded Ruairi Roberts as ICTU General Secretary (until 1989).

As general secretary of ICTU, Donal played a key role in Irish industrial relations during a very difficult period, culminating in the introduction of social partnership and the *Programme for National Recovery* in 1987. This helped provide pay stability, which in due course underpinned Ireland's competitiveness.

He was deeply interested in labour history and wrote *Trade Union Century* in 1994 as well as an anthology on Jim Larkin entitled *Lion of the Fold*. He also wrote a biography of James Connolly, whose collected works he edited.

Donal Nevin had a distinguished career of public service, serving on a large number of national and international organisations. He was a founding member and vice-chairman of the Irish Times Trust in 1974, a post he held until 2002. He was a member of the European Social Fund Committee, as well as a trustee of Focus Ireland, and he served on the first board of the Combat Poverty Agency. He had a strong commitment to ending poverty and the promotion of social justice.

The University of Limerick awarded Mr Nevin an Honorary Doctorate of Law in recognition of his life-long commitment to social justice. He was also honoured with Doctorates in Law from National University of Ireland and the NCEA.





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