

A review of our year... 12/13

DONATIONS / BEQUESTS

The Academy has been much enhanced by donations from its Members. They greatly enable the range and breadth of our work programme. Grant schemes, prizes, awards and restoration are some of the ways in which Member's donations can be used to further the objectives of the Academy.

The Academy would like to acknowledge the generosity of the late Kevin B. Nowlan, MRIA, (pictured), for his thoughtful bequest to the Academy. Ar dheis Dé go raibh a anam dílis.



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69,883

site visits to the Dictionary
of Irish Biography made by
users in 124 countries

35,000

downloads of the
*A History of Ireland in 100
Objects* app and e-book

€72,000

in Excavation
Grants awarded

€40,000

in Mobility Grants
awarded

7,143,277

words published by the FNG
from *Corpas na Gaeilge*
1882–1926

1,875,000

words and 2,500 images sent
to Yale University Press
by the Art and Architecture
of Ireland project

THE NUMBERS

3,000

records catalogued and made available through the Library website

2,692

new followers for @RIAAdawson on Twitter, bringing the total to over 5,000 followers

19

new Members and 3 Honorary Members inducted

6

minutes is the maximum length of a DublinTalk

100

lectures, discourses, conferences, masterclasses and DublinTalks organised

4

Academy masterclasses given by Nobel laureates



KEY ACHIEVEMENTS

The RIA Strategic Plan 2013–2018 presents a radical vision of reform

RIA and 10 higher education institutions establish the Irish Humanities Alliance

Information session on fracking attracts key policy-makers and policy-formers

A History of Ireland in 100 Objects book, e-book and app published

'Geosciences underpinning sustainable economic development' now part of €300m Science Foundation Ireland (SFI) Research Centres Call, thanks to Geosciences Committee

DRI now a funded partner in the new SFI Research Centre 'INSIGHT'—
Ireland's National Data Analytics Research Centre

'How to succeed with the European Research Council' event facilitated early career researchers

Irish Historic Towns Atlas, no. 25, *Ennis* published

The 'Lebor na hUidre Scholarship' conference held

DublinTalks held in partnership with Dublin City Council

Library Exhibitions on 'The History of Irish Science', 'Roderick O'Flaherty's Letters' and 'Gaelic Families and their Manuscripts' presented

Documents on Irish Foreign Policy VIII (1941–1955) published

Nobel laureates James Watson, Peter Higgs and Paul Nurse spoke at the Academy

72 new biographies published on the DIB website

Digital archiving in Ireland—National survey of the Humanities and Social Sciences published

HOLDING UP A MIRROR

Luke Drury President

This is my third and final contribution as President to the *Annual Review* and it is hard to avoid a slightly elegiac note. I have enormously enjoyed my period as President although it has at times been difficult and challenging.

Despite or maybe because of the testing times we are in I am especially pleased that the Academy has never been more committed to its role as an independent, non-confrontational and respected forum for the debate of serious issues, especially those that affect the practice of scholarship.

Furthermore I believe the Academy's new Strategic Plan 2013–18 brings the Academy back to its fundamentals and reminds us of our origins, while at the same time giving us a vision for where we should be going and what we ought to be doing. It is short, clear and mercifully free of management-speak. It holds a mirror up to the Academy, in which we can see much beauty but also some faults, and it reminds us of our responsibilities both to the world of scholarship and to civic society.

As I remarked at one point during the strategic review process, undertaking a strategic review is like stripping down an engine: half way through you have bits and pieces strewn around, and it all looks like a hopeless mess. You have to clean and examine all the parts. Then you have to put it all back together, but this time you know what every bit does, which parts are showing signs of wear, where components need replacing, what features are missing, etc.



Some messages that I personally have taken from the strategic review process are that our independence is a key value that we must protect; that the Academy needs to do more for its Members; equally, that the Members need to do more for the Academy; that scientific and scholarly excellence may be found outside the pale of the traditional disciplines; that we need to develop new ways of pursuing our goals; and increasingly that this will involve a digital element. There is much to do. We have a good plan to guide us; let's get on with it.

To return finally to my opening theme, being President, as I have told many people, is one of those positions where you get out what you put in. In fact it is even better than that: you get out a multiple of what you put in. I wish my successor well and hope they enjoy it as much as I have.

In recognition of service to the Academy

Much of the enjoyment of being President has been the pleasure of working with so many able and committed colleagues, and in this context I would particularly like to mention two officers who have just stepped down from their posts—the former Treasurer, Seán Corish, MRIA, and Secretary, Tom Brazil, MRIA. Both have given extraordinary service to the Academy; the Treasurer was involved in many complex negotiations relating to funding, property leases and the appointment of a new Executive Secretary, and the Secretary had the onerous and important task of seeing the strategic review through to its successful completion. I am deeply grateful to both of them, and indeed to all the officers and staff, for their advice, support and friendship, and it is a pleasure to put this on record.



Tom Brazil, MRIA, former Secretary / Seán Corish, MRIA, former Treasurer

A vibrant and sustainable future...*

To aim for a vibrant and sustainable future for the Academy Strategic Priorities, *Strategic Plan 2013–2018*

‘WE WILL ENDEAVOUR’

Laura Mahoney Executive Secretary

In 2013 I was appointed as the Academy’s thirteenth Executive Secretary. It is a huge privilege and responsibility to take over the reins of an organisation that has a 228-year legacy, over 450 Members and some 70 members of staff.

Having worked in Academy House for over fourteen years, I am very optimistic and ambitious for the future of the Academy. This confidence comes from knowing the calibre and energy of my colleagues, the Officers and Academy Members alike. We have great people and they never cease to impress me by their huge commitment to the Academy and the values it stands for. Many of the Academy’s greatest supporters seldom visit Academy House. They work for us right across the island, as far afield as Belfast and Cork and Derry and Donegal and Limerick and Maynooth. Their goodwill and expertise is a huge resource and one which I intend to foster, develop and support in every way I can.

I am also very aware of the formidable financial challenges that the Academy and both governments on the island of Ireland continue to face. It is very important that the Academy continuously reviews its purpose and role, especially now, when the challenges and demands are greatest. The current strategic review of the Academy, which has just been published, is a thoughtful analysis of the Academy’s role and how we can be of greater service to Irish society. Our six strategic priorities complement and build on the Academy’s current activities, and indeed they provide the structure for this review. They will also focus and inform our work over the next five years. I look forward to making significant progress on their implementation in 2013–2014.

STRATEGIC PLAN 2013-18



DOWNLOAD
ON WWW.RIA.IE

1

To foster the Academy's
all-island and international
scholarly engagement

2

To enhance its role as a
centre for research,
scholarship and learning

3

To build public engagement
and understanding of the
sciences, humanities and
social sciences

4

To strengthen the contribution
and influence of scholarly
knowledge and academic
research in public discussion
and the making of public policy

5

To renew and deepen
Members' engagement with the
scholarly life of the Academy

6

To aim for a vibrant and
sustainable future for
the Academy

For me the Academy has always been, and must continue to be, an advocate for the transformative power of education and particularly higher education. The Academy believes that good research is vital for the health of the nation and the success of the state, and that this research needs to be promoted, sustained and communicated. In this advocacy role we must be brave, constructive, imaginative and energetic. In 2013–14 one of our priorities will be to determine how we on the island of Ireland can avail of the greater EU research funding available under Horizon 2020. This will be critical for growing Ireland's international reputation as a centre of research excellence.

In 1785 the founders of the Academy gave us the motto 'We will endeavour'. The word 'endeavour' is one that I like. Critically it also means 'enterprise'; it is about doing and trying and striving. I know the Academy has never been afraid of challenges and will continue to work to enhance the contribution made by research and scholarship to society, but we must acknowledge that this requires us to embrace change.

It is our ability to embrace change and to pursue our enterprise that will define the Academy and indeed the Ireland of today, and I look forward to helping to guide our endeavours in the years to come.

LAURA MAHONEY was born in Leicester, England, and gained a first-class degree in History from the University of Sussex. She moved to Ireland in 1996 to pursue an MA at UCD. She joined the Academy in 1999, where she led the successful applications of the Academy to the PRTL 4 and 5 funding programmes, which saw the establishment of the Digital Repository of Ireland. She has managed numerous grant programmes, including those for Science Foundation Ireland and the Atlantic Philanthropies. She was acting Executive Secretary from November 2010 and succeeded Executive Secretary Patrick Buckley, who held the post from 1993 until his untimely death in May 2012.



Deepening Members' engagement...*

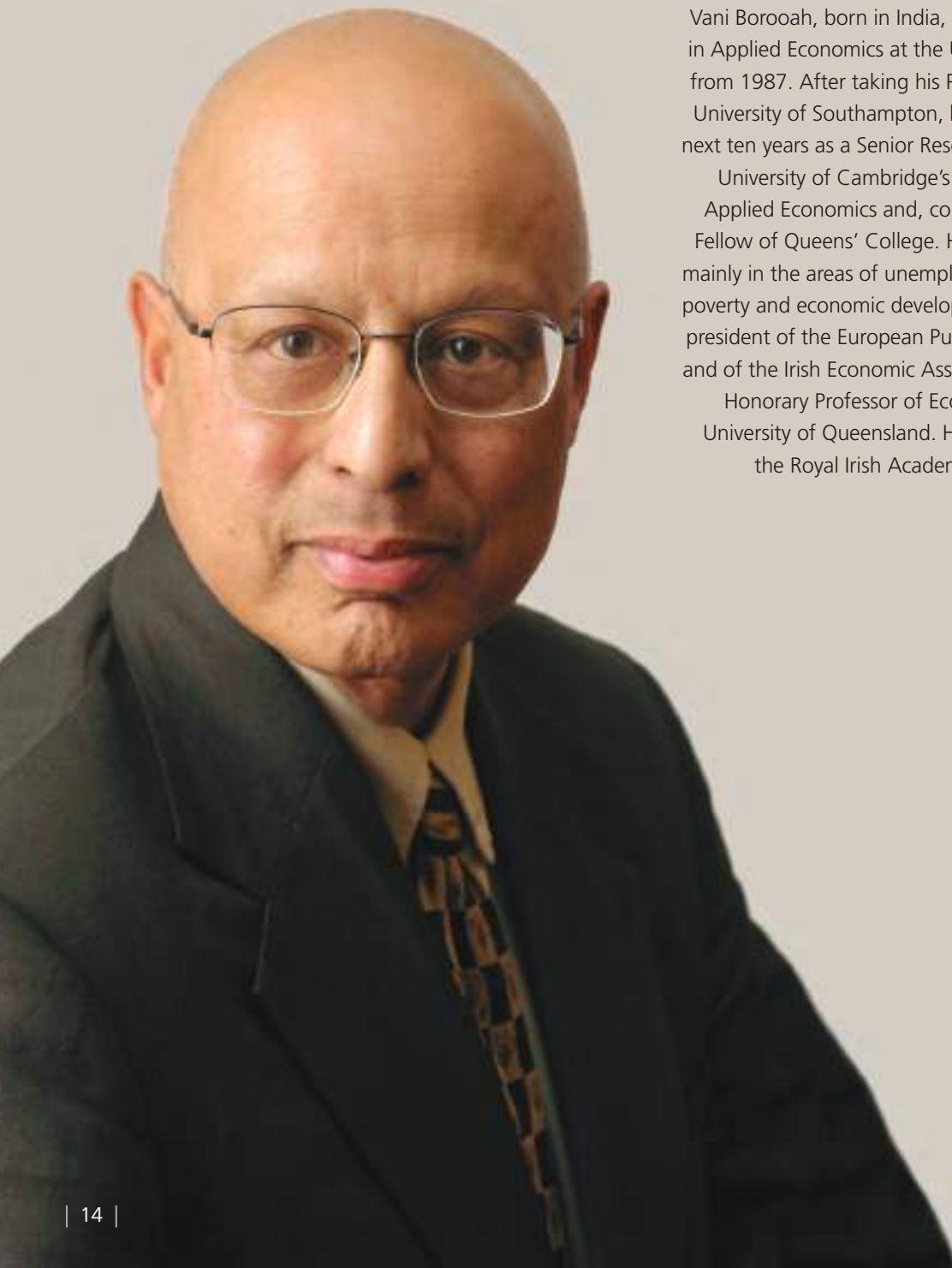
***To renew and deepen Members'
engagement with the scholarly life
of the Academy'** Strategic Priorities,
Strategic Plan 2013–2018

**THE
ACADEMY'S
NEW
OFFICERS**

‘My vision for the RIA is that the Academy engages—at the highest intellectual standards of analysis, debate, discussion and scrutiny—with public life and policy in Ireland.’

Vani Borooh, Secretary

Vani Borooh, born in India, has held the Chair in Applied Economics at the University of Ulster from 1987. After taking his PhD in 1977 at the University of Southampton, he worked for the next ten years as a Senior Research Officer at the University of Cambridge's Department of Applied Economics and, concurrently, was a Fellow of Queens' College. His work has been mainly in the areas of unemployment, inequality, poverty and economic development. He is a past president of the European Public Choice Society and of the Irish Economic Association and is also Honorary Professor of Economics at the University of Queensland. He was elected to the Royal Irish Academy in 2006.



Michael Peter Kennedy, International Relations Secretary

Michael Peter Kennedy is Professor of Microelectronic Engineering at University College Cork (UCC). He is an expert in nonlinear circuits and systems and has applied the methods of nonlinear mathematics to a range of problems in electronics, as well as making contributions to a number of fields, including neural networks, hysteresis, chaos communications, nonlinear dynamics and chaos, testing of mixed-signal integrated circuits and, most recently, digital delta-sigma modulation and frequency synthesis. He served as Dean of the Faculty of Engineering in UCC from 2003 through 2005 and as Vice-President for Research from 2005 to 2011. He was elected to the Royal Irish Academy in 2004.

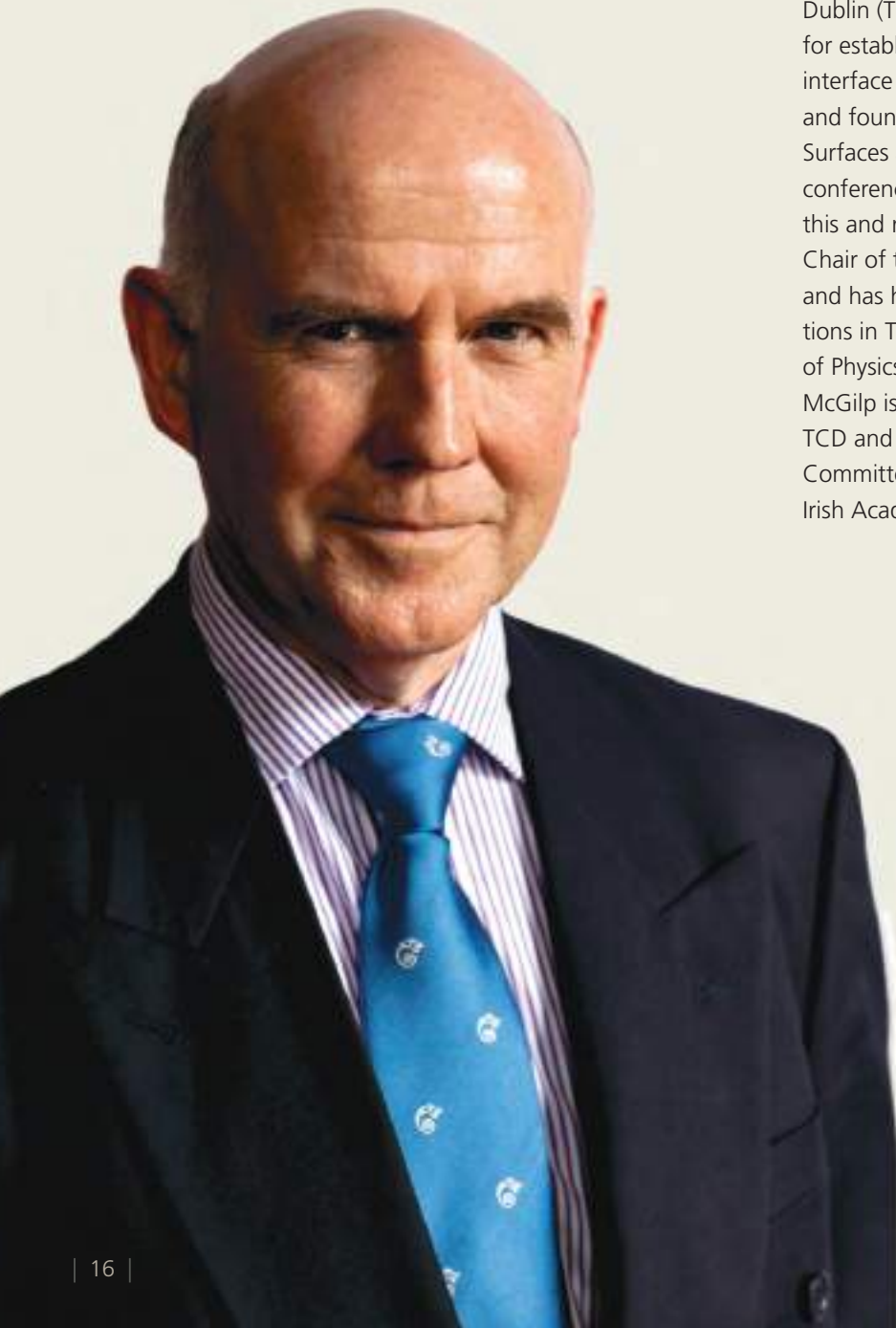
‘Through its participation in international academic bodies, the Academy has the opportunity both to share best international practices in science and education and to influence policy-makers both in Europe and globally.’



‘As Treasurer, the ongoing reduction in state funding is a major concern. The issue of the sustainability of the Academy in the longer term is one of the six priority themes of the Academy’s Strategic Plan 2013–2018. Over the next three years, we are planning to develop and embed a strategy that will increase the contribution of non-state funding to our overall income stream.’

John McGilp, Treasurer

John McGilp is the Professor of Surface and Interface Optics at Trinity College Dublin (TCD). He is internationally known for establishing the field of surface and interface optics—epi-optics—in Europe, and founding the biannual ‘Optics at Surfaces and Interfaces’ international conference. He has published widely in this and related fields. He has served as Chair of the Institute of Physics in Ireland and has held several administrative positions in TCD, including Head of the School of Physics and Bursar of TCD. Professor McGilp is currently a Board Member of TCD and also a member of the TCD Audit Committee. He was elected to the Royal Irish Academy in 2003.



Members on Admittance Day, 2013
(see page 57)



Influencing public policy...*

***To strengthen the contribution and
influence of scholarly knowledge and
academic research in public discussion
and the making of public policy'**

Strategic Priorities, Strategic Plan 2013–2018

NEGOTIATING CRISIS IN IRISH HISTORY

On 13–14 September 2012 the RIA Committee for Historical Sciences hosted a conference that explored Ireland's current difficulties in the broader chronological spectrum of Irish history by examining a variety of responses to events that brought traumatic social and cultural change.

Papers examined key episodes of economic stress and challenges to the ideals of civil, religious and moral authority and

identity in Ireland's past. A distinguished panel of speakers presented their research in economic, social, political, personal and religious crises in the context of the course of Irish history, and a roundtable discussion was chaired by Dr John Bowman.

Baroness Nuala O'Loan, MRIA, gave the keynote address entitled 'Northern Ireland: responding to crisis, seeking peace'.



Seminar
13-14 SEPTEMBER
2012
NEGOTIATING
CRISIS IN
IRISH HISTORY
RIA Historical Sciences Committee



DOWNLOAD
ON WWW.DRI.IE

DIGITAL REPOSITORY OF IRELAND PUBLISHES NATIONAL REPORT ON DIGITAL ARCHIVING

After conducting interviews with 40 social science and humanities institutions in Ireland about current practices in digital archiving, the DRI project launched its first national report in October 2012, *Digital Archiving in Ireland—National Survey of the Humanities and Social Sciences*. The report provides an invaluable basis for designing a repository to meet Ireland's needs, and for developing best practice guidelines in digital preservation.





DOWNLOAD
ON WWW.RIA.IE

CLIMATE CHANGE STATEMENT

The Climate Change Sciences Committee published their eleventh scientific statement 'Air pollution: obscuring the full extent of global warming' (main author Colin O'Dowd, MRIA) in February 2013. The launch and reception in Academy House were preceded by a public lecture 'Air pollution and climate policy: a bumpy road to climate stabilization', given by Dr Frank Raes of the Climate Risk Management Unit, Joint Research Centre, European Commission, on 28 February 2013.

AIR POLLUTION: OBSCURING THE FULL EXTENT OF GLOBAL WARMING

Colin O'Dowd, Margaret O'Mahony, Micheal Young and J. Ray Bates

RIA CLIMATE CHANGE SCIENCES COMMITTEE

ISSUE 11 2013



GOVERNANCE OF CULTURAL INSTITUTIONS

Seminar • 26 March 2013
Royal Irish Academy, 19 Dawson St, Dublin 2



RIA



DOWNLOAD
ON WWW.RIA.IE

GOVERNANCE OF CULTURAL INSTITUTIONS

A seminar was held on 26 March 2013 in Academy House to inform key stakeholders about current international practice and recent developments in governance in the light of the government's proposals to change the governance of Ireland's cultural institutions. The event, initiated by M.E. Daly, MRIA, and M.F. Ryan, MRIA, was addressed by the Minister for Arts, Heritage and the Gaeltacht, Mr Jimmy Deenihan, TD, who outlined his plans to streamline the governance and administration of the National Library of Ireland and the National Museum of Ireland. The main conclusions and discussion points, along with summaries of all the papers and the entire text of the Minister's speech, are available in a report on the Academy website.

INFORMATION SESSION ON FRACKING

Session 1:

9.45am Welcome by Professor Luke Drury, President, Royal Irish Academy
 9.50am Opening by Professor Pat Shannon MRIA, Chair, Geosciences Committee
 10.00am Opening Address by Minister Pat Rabbitte TD
 10.15am Professor Richard Davies, University of Durham: **Hydraulic Fracturing Technology, Safeguards and Remaining Issues**
 10.45am Coffee Break

Session 2:

11.15am Opening by Professor Padraic O'Donoghue, Chair, Engineering Sciences Committee
 11.20am Dr Rob Ward, British Geological Survey: **Shale Gas and Water-Related Issues**
 11.40am Dr Gareth LJ Jones, Institute of Geologists of Ireland and Conodate: **Fracking for Shale Gas in Ireland**
 12.00pm Q&A Session, Chair, Professor Pat Shannon
 12.45pm Closing Address by Minister Attwood MLA
 12.55pm Final Remarks, Professor Pat Shannon

Wednesday 17 April 2013

Royal Irish Academy, 19 Dawson Street, Dublin 2



INFORMATION SESSION: FRACKING

On 17 April 2013 the Geosciences Committee organised an information session on fracking for policy-makers and policy-formers from both sides of the border.

The day began with a breakfast briefing for members of relevant Oireachtas Joint Committees, which was followed by a full-day seminar in Academy House, chaired by Professor Pat Shannon of the Geosciences Committee.

The attendees were given presentations by Professor Richard Davies, Professor Rob Ward and Professor Gareth Jones, and the session also included an announcement by Ireland's Minister for Communications, Energy and Natural Resources, Mr Pat Rabbitte, TD, that the Irish government has put a hold on the granting of licenses for shale gas exploration pending the findings of a twelve-month review, which will be undertaken by the Environmental Protection Agency.

A 'Factsheet on Fracking' is being produced to follow on from the event.

SPATIAL JUSTICE

The Geographical Sciences Committee, supported by the Geographical Society of Ireland, organised the one-day conference 'Spatial Justice and the Irish Crisis' held on 23 April 2013, exploring how the global financial crisis has unfolded within and impacted on Ireland and addressing themes including planning, environment, population, settlement, migration, education, health, employment and poverty. Essays from this conference, along with some additional material, will be published by the RIA in 2014.

This conference was preceded by the Academy Discourse 'Spatial Justice, Housing and the Financial Crisis' by Professor Danny Dorling, University of Sheffield (pictured right).



SPATIAL JUSTICE AND THE IRISH CRISIS

TUESDAY 23 APRIL 2013 • CONFERENCE

A one day conference exploring how the global financial crisis has unfolded within and impacted on Ireland and will address themes including environment, population, settlement, migration, education, health, employment and poverty.

See programme below



Making Open Access Work for Ireland

2/5/13



IRISH RESEARCH COUNCIL
an t-Comhairle um Thagairt in Éirinn

Royal Irish Academy, 19 Dawson Street, Dublin 2

RIA



LISTEN ON
SOUNDCLOUD

RIA DIALOGUE FORUM: MAKING OPEN ACCESS WORK FOR IRELAND

Representatives from the Irish research sector, public research funders, publishers and industry met in the Royal Irish Academy to discuss the implications of rolling out open access to all publicly funded research in Ireland. Speakers—who included the Director of the European Research Area of the European Commission, Dr Octavi Quintana Trias (pictured below with Professor Orla Feely and Luke Drury, PRIA)—considered the ways in which open access can help the best research to reach not only the best scientists but also a wider public audience, including small and medium enterprises. The forum explored how Irish open access policies measure up against the proposed UK ‘Gold Model’ of open access and the European Commission’s proposed ‘Green Model’.



RIA DIALOGUE FORUM: HOW TO SUCCEED WITH THE EUROPEAN RESEARCH COUNCIL

In May 2013 the Academy and the European Commission (Dublin) held a very well-received workshop to encourage greater Irish engagement with European Research Council (ERC) funding opportunities. The ERC Secretary General, Professor Donald Dingwell (pictured), set the scene, and successful ERC grant-holders, including Professor Aoife McLysaght, Professor Emma Teeling, Professor Stephen Smart, Professor Seán Ó Riain and Professor Martin Albrecht, detailed their experiences of the process.



DOWNLOAD
PODCAST ON iTUNES

HOW TO SUCCEED WITH THE EUROPEAN RESEARCH COUNCIL

Seminar ■ Thursday 16 May



AFRICA DAY: THE CHANGING FACE OF AFRICA

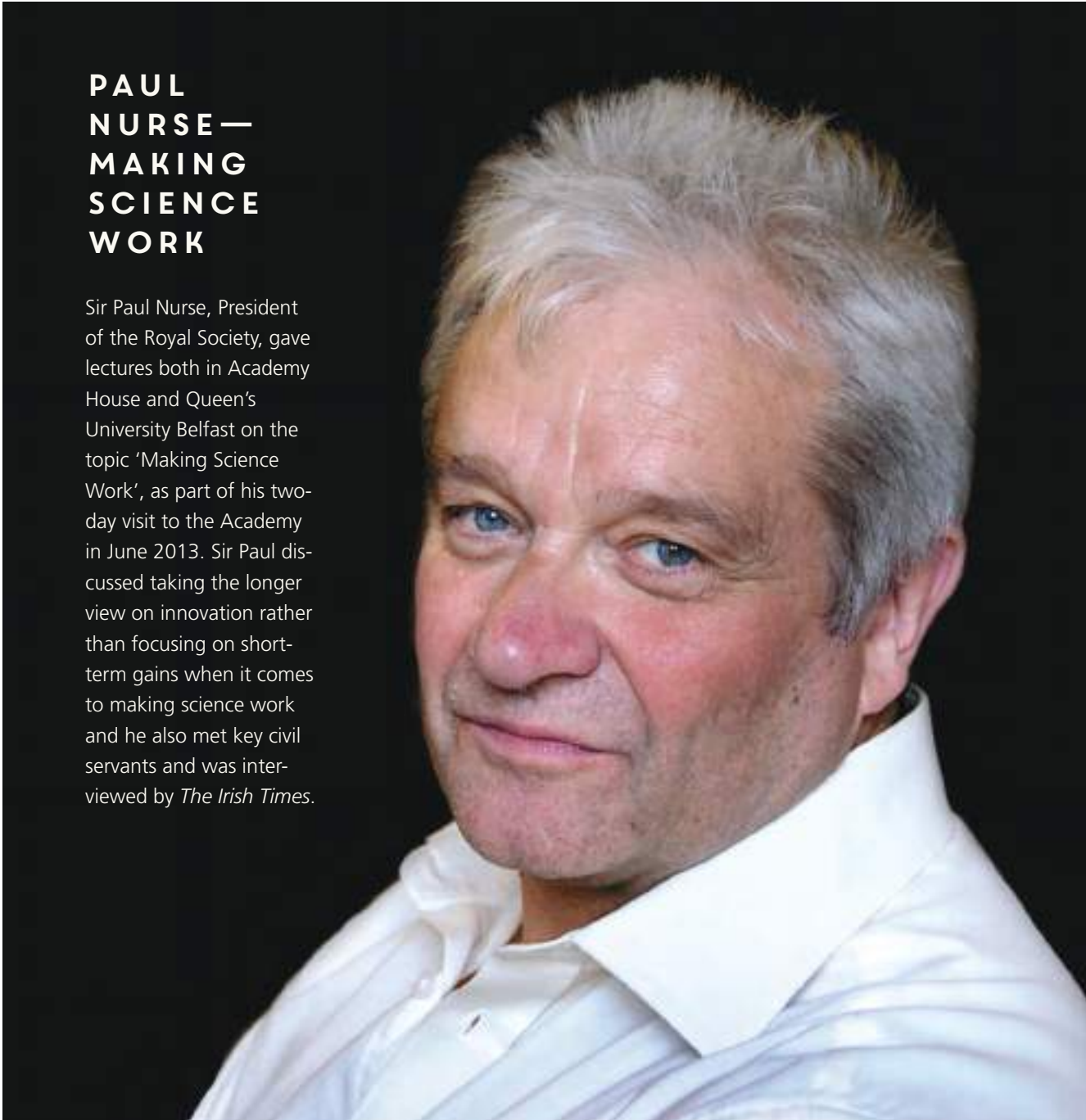


The 2013 RIA International Affairs conference, organised in conjunction with the Department of Foreign Affairs and Trade and held on 31 May 2013 in the National Gallery of Ireland, addressed the topic 'The Changing Face of Africa'. Speakers included the Tánaiste and Minister for Foreign Affairs and Trade, Mr Eamon Gilmore, TD (pictured above); Mr Sivuyile Bam, Head of the African Union Peace Support Operations Division; and Professor Alex de Waal, Executive Director of the World Peace Foundation at Tufts University. Pictured below are Luke Drury, PRIA, His Excellency Paramente Phamoste, Lesotho Ambassador to Ireland, and His Excellency Boaz Modai, Israeli Ambassador to Ireland.



PAUL NURSE — MAKING SCIENCE WORK

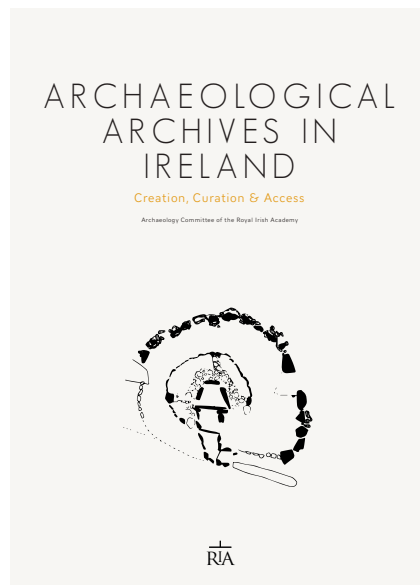
Sir Paul Nurse, President of the Royal Society, gave lectures both in Academy House and Queen's University Belfast on the topic 'Making Science Work', as part of his two-day visit to the Academy in June 2013. Sir Paul discussed taking the longer view on innovation rather than focusing on short-term gains when it comes to making science work and he also met key civil servants and was interviewed by *The Irish Times*.



© Anne-Katrin Purkiss, Wellcome Images

ARCHAEOLOGICAL ARCHIVES IN IRELAND: CREATION, CURATION AND ACCESS

Following on from their 2012 conference 'Archaeological Archives as a Resource', a discussion paper aimed at developing a series of recommendations to build a cohesive policy for the creation and management of archaeological archives on an all-Ireland basis was prepared by the RIA Committee for Archaeology and published in July 2013.



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ON WWW.RIA.IE

Public engagement and understanding...*

***To build public engagement and
understanding of the sciences,
humanities and social sciences'**
Strategic Priorities, Strategic Plan 2013–2018



IHTA SEMINAR MAPS & TEXTS: USING THE IRISH HISTORIC TOWNS ATLAS

The Irish Historic Towns Atlas (IHTA) May seminar has become a highlight in the annual calendar, offering the opportunity for people from various backgrounds, disciplines, professions and places to come together to discuss the history and growth of towns in Ireland. Speakers study the results of the twenty-five published atlases that are now available. The theme this year was monastic and Viking towns, and speakers included Brian Hodkinson, Brian Lacey, Nollaig Ó Muraíle, MRIA, Linzi Simpson and Cathy Swift. Patrick F. Wallace, MRIA (pictured below with author of the town atlas of Tuam, Tony Claffy, and Minister Ruairí Quinn), former director of the National Museum of Ireland, delivered the plenary paper. Over eighty delegates attended.

IHTA SEMINAR • 25 May 2012
 Venue: St Ann's Church, Dawson Street, Dublin 2

This is the first in another set of three annual seminars intended to explore the workings of the Irish Historic Towns Atlas. This series will run from 2012 to 2014 and will compare towns from a chronological and interdisciplinary perspective. This year the focus will be on towns with monastic and Viking origins.

REGISTRATION*
 9.45-10.00 Chairperson — Ruth Johnson (Dublin City Council)
 10.00-10.45 INTRODUCTION TO SEMINAR — Sarah Geary (Irish Historic Towns Atlas)
 DEATH—LONDONDERRY — Brian Lacey (The Discovery Programme)

COFFEE BREAK
 10.45-11.15 LIMERICK — Brian Hodkinson (Jim Kemmy Municipal Museum, Limerick)
 11.15-12.30 DUBLIN — Linzi Simpson

LUNCH (GENERAL RESTAURANTS AND CAFES WITHIN WALKING DISTANCE)
 12.30-2.00 Chairperson — Charles Doherty (University College Dublin)

2.00-3.45
 PLACENAMES — Nollaig Ó Muraíle (NUJ Galway)
 ENVIRONMENT — Howard Clarke (Irish Historic Towns Atlas)
 RELIGION — Catherine Swift (Mary Immaculate College, Limerick)

3.45-4.15
 COFFEE BREAK

4.15-5.30
 PLENARY SESSION: Chairperson — John Bradley (NUJ Maynooth)
 IRISH HISTORIC TOWNS ATLAS: A PRE-ANGLO-NORMAN URBAN RESOURCE? — Patrick F. Wallace (formerly National Museum of Ireland)
 RESPONSE — Annagret Simms (Irish Historic Towns Atlas)
 GENERAL DISCUSSION

MAPS & TEXTS &
 USING THE IRISH HISTORIC TOWNS ATLAS
 MONASTIC AND VIKING TOWNS
 ROYAL IRISH ACADEMY • WWW.IHTA.IE

This year's annual IHTA seminar will be held on Friday, 25 May 2012 in St Ann's Church (see programme for details). The day will culminate in the launch of Irish Historic Towns Atlas, Volume III and Irish Historic Towns Atlas, no. 24, Sligo, by Fíona Gallagher and Marie-Louise Legg in the Royal Irish Academy, 19 Dawson Street, Dublin 2.

ALL WELCOME*
 *There is no registration fee for this seminar but please RSVP by 17 May 2012 to secure your place. Tel: +353 1 6743370 ext. 207 or email ihtaseminar@ria.ie with the word "Seminar" in the subject line.

Dublin, 1622, plate 1, artist's impression, © 1000, by Simon Dick, content provided by RIA



LIBRARY EXHIBITION
 DUBLIN
 CITY OF SCIENCE
 JUNE 2012

To celebrate Dublin's status as City of Science 2012, the Library mounted an exhibition entitled 'Science at the Royal Irish Academy: "Uniting whatever is pleasing with whatever is useful" ' from June 2012 to May 2013. The exhibition focused on the Academy's historical input to scientific endeavour, exploring the contributions of William Rowan Hamilton, MRIA (1805–65), to mathematics and theoretical physics, and of Richard Kirwan, MRIA (1733–1813), to chemistry, geology, meteorology and ethics. An eponymous publication was edited by the Librarian. A lecture on 'R.J. Ussher and the RIA Cave Excavations Committee' was delivered during Heritage Week in August, and a series of lectures elaborating the exhibition themes ran from October to November.

SCIENCE

AT THE ROYAL IRISH ACADEMY

'Uniting whatever is pleasing with whatever is useful'

AN EXHIBITION: JULY 2012 → MAY 2013



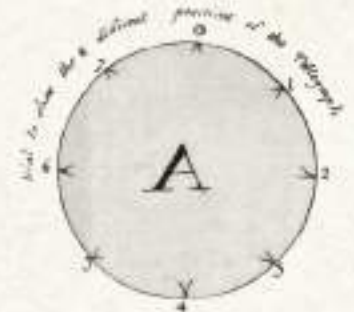
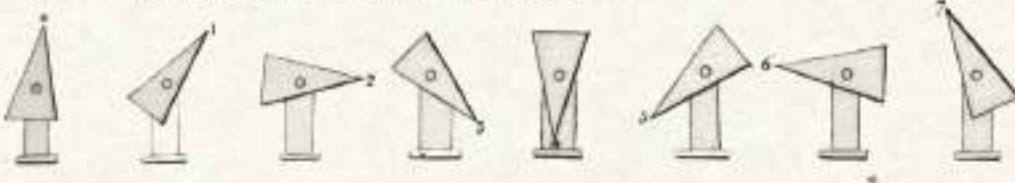
ADMISSION
 FREE

GROUPS BY APPOINTMENT.
 Email: library@ria.ie
 or phone 01 6090620

Opening Hours: Mon–Fri 10am–5pm



Fig. 1.
 View of the 8 different positions of the Tellograph



Example of a line of Six words described by the Tellograph



Fig. 3.

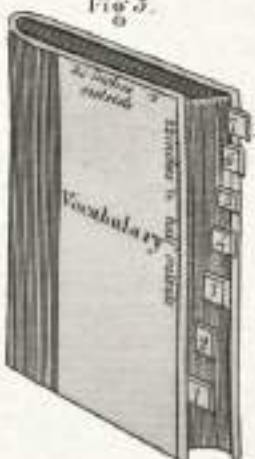
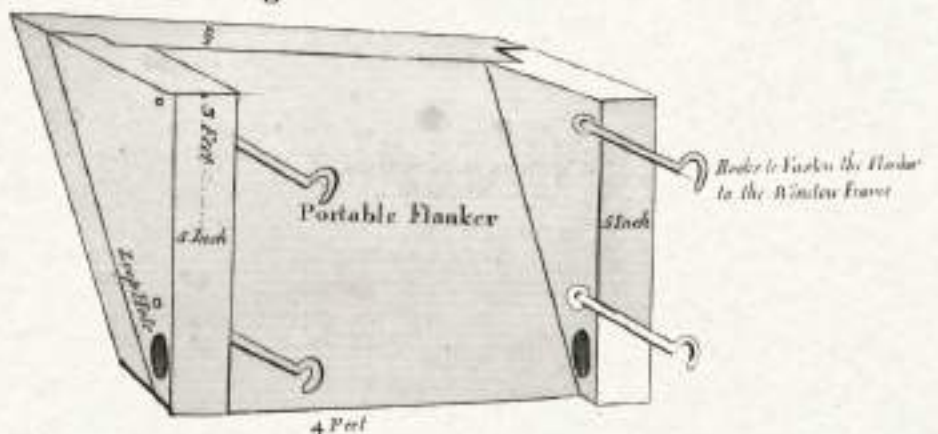
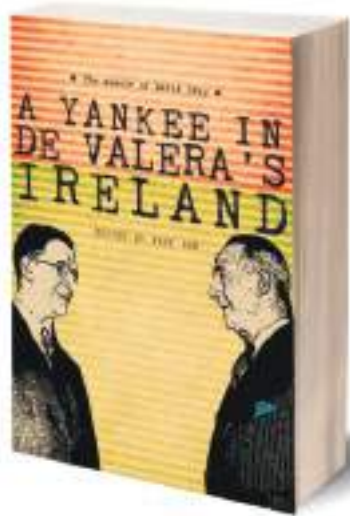


Fig. 4





ALSO AVAILABLE
AS AN EBOOK



A YANKEE IN DE VALERA'S IRELAND

David Gray took up the post of US Minister to Ireland in 1940. His memoir of that year, 'Behind the Emerald Curtain' was written when Gray was 89. The text is fully annotated with an introduction by Sir Paul Bew, MRIA, Professor of Politics at Queen's University Belfast, and published in September by the Academy as *A Yankee in de Valera's Ireland: the Memoir of David Gray*.

The book contains diary entries, letters to Roosevelt, secret documents and press extracts, and accounts of conversations with de Valera and other key figures. Although contradictory and unreliable, it sheds new light on wartime Ireland.

DRI WINS AWARD AT EUROPEANA'S HACK4EUROPE!

In September 2012, the DRI team at the Hack4Europe! hackathon won the award for 'Application with Greatest Social Impact'. The hackathon was organised by Europeana to encourage teams to use their newly released Application Programming Interface (API) to exploit the Europeana content. After two days of hacking away at the vast collections on Europeana, the Digital Repository of Ireland picked up the award for their WWI project 'Ireland on the Western Front'.



WATCH TALKS ON YOUTUBE
VISIT WWW.DUBLINTALKS.IE

DUBLIN TALKS

DublinTalks—inaugurated by the Academy and Dublin City Council in 2012—was a series of talks as part of Innovation Dublin 2012, by and about Irish people with big and interesting ideas. From genetics and cancer research to marine biology and economics, each speaker was given just six minutes to tell the audience about their big idea, without the use of PowerPoint or notes—a challenge for even the most experienced public speakers.

The 2012 speakers were Peter Heffernan, MRIA (Marine Institute), Professor Rose Anne Kenny (TCD and TILDA—The Irish Longitudinal Study on Ageing), Ivan Coulter (Sigmoid Pharma), Dr Pete Lunn (ESRI), Dr Kevin McDonnell (UCD), Dr John Dunne (Intune Networks), Professor Barry Smyth (UCD), Luke O'Neill, MRIA (TCD), Professor John Crown (DCU), Dr Emmeline Hill (UCD), Professor Fergus Shanahan (UCC) and Claire Wardle (Storyful).





DIFP VIII (1945-48)

2012 was the year of publication for *Documents on Irish Foreign Policy VIII*. It covers a relatively unexplored period in Irish foreign policy and focuses on the question: ‘after “The Emergency”, what next ...?’ Previously thought to be years of general isolation, the immediate post-war years saw Ireland engage with a wide range of multilateral organisations, open new diplomatic missions and repair relations with the United States and Britain, which had suffered during the Second World War.

Pictured top: Luke Drury, PRIA, presents Minister of State Joe Costello TD with a copy of *DIFP VIII*. (l-r) Tim Mawe (DFAT), Minister Costello, Dr Michael Kennedy, Luke Drury.

Pictured centre: The DIFP editorial team at the launch of *DIFP VIII*. (l-r) Dr Kate O’Malley, Ronan Fanning, MRIA, Catriona Crowe, MRIA, Dr Michael Kennedy, Dermot Keogh, MRIA, Eunan O’Halpin, MRIA.

DIFP OUTREACH

Project outreach was a significant part of Documents on Irish Foreign Policy (DIFP) project’s work through 2012 and 2013. Beginning in April 2012 with a paper to a conference held at TCD on ‘Ireland and the Falklands War of 1982’, the year continued with a very combative History Ireland ‘Hedge School’ on Ireland’s Second World War neutrality (May 2012), the IV LUPOR Conference ‘In and Out of (Postcolonial) Europe: Portugal and Ireland’ at Queen’s University Belfast (July 2012), the Parnell Summer School (August 2012), and in February 2013, a conference on ‘Eminent Europeans of Irish Origin’ held in the Royal Irish Academy as part of Ireland’s 2013 European Union Presidency.

Dr Michael Kennedy, Executive Editor, and Dr Kate O’Malley, Assistant Editor, also gave regular lectures and workshops to second-, third- and fourth-level students on the DIFP series and on the history of Irish foreign policy.

THE ROLE OF THE LITERARY REVIEWER



LISTEN ON
SOUNDCLOUD

A LECTURE IN HONOUR OF CAROLINE WALSH BY PROFESSOR LINDA HUTCHEON



On 21 March 2013 Professor Linda Hutcheon, Professor of English and Comparative Literature at the University of Toronto, gave a public lecture on 'The Role of the Literary Reviewer'. The event was planned as a tribute to the important legacy of Caroline Walsh (pictured, left), literary editor of *The Irish Times* and a valued member of the Academy's Committee for Literatures in English.

Professor Hutcheon's lecture considered the role of the literary reviewer as a gatekeeper or arbiter within literary culture and the vital influence of reviewing on the success of the contemporary writer. Professor Hutcheon is a leading figure and a specialist in post-modernist culture and in critical theory.

Following the success of the lecture *The Irish Times* and the Royal Irish Academy will work in partnership to host biennial lectures in honour of Caroline Walsh.

BECOMING EUROPEAN

As part of Ireland's 2013 European Union Presidency, the Academy and the National Archives of Ireland collaborated to produce an exhibition entitled 'Becoming European' on Ireland's accession to the European Union. The exhibition was launched by Minister for the Arts, Heritage and the Gaeltacht, Mr Jimmy Deenihan, TD, on 18 June 2013.

IHTA OUTREACH

There were several events focused on western towns in the Irish Historic Towns Atlas (IHTA) series in 2012–13. Fascicle no. 25, *Ennis*, by Brian Ó Dálaigh was launched in the Civic Room of Ennis Town Council on 24 August 2012. Associated events locally included a lecture by the author in the de Valera Library, a walking tour of the town and an exhibition of images from the atlas. In February 2013 President Michael D. Higgins, MRIA, was presented with a copy of the IHTA Ennis atlas when he was awarded the freedom of Ennis. Meanwhile, in the Royal Irish Academy Library, an exhibition on 'Sligo and Ennis: Two Irish Historic Towns Compared' was on display for Heritage Week in August 2012 and continued until the end of May 2013.



DMLCS

The Academy's Dictionary of Medieval Latin from Celtic Sources (DMCLS) project takes its place as one of the family of Medieval Latin dictionary enterprises being conducted across Europe under a plan originally mooted by the Union Académique Internationale (UAI). Each of these enterprises has as its mission the detailed scientific analysis and interpretation of the Latin texts written within a particular geographical area. In the case of DMLCS, the relevant area consists of the territories that were Celtic-speaking in the early Middle Ages (Ireland, post-Roman Britain, Brittany, Scotland and the Isle of Man), as well as the monasteries that had been founded by Irish pilgrims as they travelled across much of the European continent. In a mosaic-like way, they between them cover nearly all the territory in which Latin was used in the Middle Ages, so providing a key to understanding the thousand years of western European history locked up in the documents that were penned in those times.



JAMES MCGUIRE RETIRES

After leading the DIB project for 20 years, James McGuire, MRIA, stood down as Managing Editor on 30 June 2012, and was succeeded by James Quinn. A presentation took place in the Academy on 5 July 2012 to mark James McGuire's immense contribution to the Dictionary of Irish Biography and to academic life in Ireland in general.

WINTER TALKS 12/13

at the Royal Irish Academy

15 October 2012 • 6pm

DUBLINTALKS.IE

Venue: Sugar Club, Dublin

16 October 2012 • 7.30pm

HAMILTON LECTURE

SILVER LINING:

CODES AND CLOUDS

Professor Yuri Manin,

The Max Planck Institute of Mathematics

Venue: Kevin Street, DIT

31 October 2012 • 1pm

HAMILTON: MATHEMATICIAN

AND ROMANTIC

Professor Luke Drury, President of the RIA

7 November 2012 • 1pm

MINERALS, MUSEUMS AND

IRELAND'S INDUSTRIAL

REVOLUTION IN THE EIGHTEENTH

AND NINETEENTH CENTURIES

Nigel Monaghan, National Museum of Ireland

14 November 2012 • 1pm

SCIENTIFIC COLLECTIONS

OF THE EDWARD WORTH LIBRARY

Elizabethanne Boran, Edward Worth Library



21 November 2012 • 1pm

RICHARD KIRWAN

(1733–1812): CHEMIST,

BARRISTER AND PHILOSOPHER:

AN EXEMPLAR OF GOOD PRACTICE

IN HIS TIME AND FOR TODAY

Duncan Thorburn Burns, MRIA, FRSE

28 November 2012 • 1pm

WEATHER! METEOROLOGY AND

METEOROLOGICAL COLLECTIONS AT THE

ROYAL IRISH ACADEMY AND MET ÉIREANN

Mairéad Treanor, Librarian, Met Éireann

10 December 2012 • 6pm

IRELAND IN THE 1970s

Professor Diarmaid Ferriter, University College Dublin

13 February 2013 • 6pm

THE BATTLE FOR AFGHANISTAN

– RETURN OF A KING

William Dalrymple

7 March 2013 • 6pm

THE SPEED GENE

Dr Emmeline Hill, University College Dublin

www.ria.ie



ACADEMY DISCOURSES



LISTEN ON
SOUNDCLOUD



AVAILABLE ON
iTunes

18 September 2012 / Professor Brian M. Fagan, University of California, Santa Barbara

ELIXIR: A HISTORY OF HUMANKIND AND WATER

10 December 2012 / Professor Diarmaid Ferriter, University College Dublin

AMBIGUOUS REPUBLIC: IRELAND IN THE 1970S

13 February 2013 / William Dalrymple

THE BATTLE FOR AFGHANISTAN

7 March 2013 / Dr Emmeline Hill, University College Dublin

THE SPEED GENE

22 April 2013 / Professor Danny Dorling, University of Sheffield

SPATIAL JUSTICE, HOUSING AND THE FINANCIAL CRISIS

13 June 2013—Belfast • Friday 14 June 2013—Dublin / Sir Paul Nurse, President of the Royal Society

MAKING SCIENCE WORK

26 June 2013 / Richard English, MRIA, and Shane O'Mara, MRIA

A JOINT INTERDISCIPLINARY DISCOURSE ON TORTURE



A HISTORY OF IRELAND IN 100 OBJECTS

'Informed, learned, entrancingly written'

SEAMUS HEANEY

A History of Ireland in 100 Objects combined a pioneering series of articles from *The Irish Times*, the cultural knowledge of the Royal Irish Academy, the wealth of items and expertise in the National Museum of Ireland and the technical innovation of Adobe into a beautiful and engaging publication that has captured the imagination of a nation.

Key artefacts of Irish heritage are now more accessible both at home and abroad through the book, app, tourist trail, exhibitions and a primary school educational resource.

Extending the partnership further, the app and e-book were made available for free worldwide for St Patrick's Day as a gift to mark Ireland's Presidency of the European Union.

Lesson plans will be launched later in the year, and the National Crafts Gallery and the Heritage Council Heritage Week team are both working throughout 2013 with the Academy on exhibitions and events related to the project.



THE NUMBERS

35,000 DOWNLOADS of the **APP** and **E-BOOK** in over
40 COUNTRIES, including Ireland, UK, USA, Australia, Japan,
France, Spain, Germany and Norway

6,500 BOOKS SOLD

158,000 TRAIL MAPS DISTRIBUTED

25,000 SPECIALLY DESIGNED CARDS

and an invitation to download the gift distributed
worldwide at St Patrick's Day events, including to
every EU head of state.

34 PARTNERS and **300 PEOPLE**
contributed time, knowledge and expertise.

7 MONTHS TO COMPLETE the project.



Pictured opposite page, clockwise from top: launch of *A History of Ireland in 100 Objects* at the National Museum of Ireland; Fintan O'Toole and Seamus Heaney, MRIA, at the launch; Tom Cruise leaving Iveagh House after receiving his Certificate of Irish Ancestry; (l-r) Vernon Coaker, Shadow Secretary of State for Northern Ireland; Laura Mahoney, Executive Secretary of the Royal Irish Academy; Ed Miliband, Leader of the British Labour Party; Niall Gibbons, CEO of Tourism Ireland; and Brian Ambrose, Chairman of Tourism Ireland, at a reception in the House of Commons in London, sponsored by Tourism Ireland to mark St Patrick's Day; Pauline McNamara, *A History of Ireland in 100 Objects* Project Co-ordinator, with Dr Jim McGreevy, NMNI, at the launch; Tánaiste Mr Eamon Gilmore at the launch.





OVER 2600 NEW FOLLOWERS
GAINED ON TWITTER

THE ACADEMY ON TWITTER

The Academy's main Twitter account now has over 5,000 followers and it communicates on a daily basis with interested Twitter users around the world. Posts range from information about upcoming events, the 'bio of the day' from the Dictionary of Irish Biography, news articles that might interest followers, press releases and images from the Academy's collections, to a look at the everyday activities in the Academy in our Twitter photo-essay #ADayInTheRIA (pictured: Chris Taylor, Services; Jennifer Moore and Frank Cullen, IHTA, and Jeff Wilson, Publications).



DIFP ON SOCIAL MEDIA

Twitter allows the Documents on Irish Foreign Policy project to make available documents that would not appear in DIFP volumes and documents that immediately capture the mood of a particular contemporary event or news story. DIFP also uses Twitter to post previously unseen photographs from National Archive of Ireland files to bring them to public attention.

Twitter is used to post documents relating to anniversaries of historic events, draw attention to DIFP outreach lectures, seminars and media appearances and, of course, to publicise the publication and launch of *DIFP VIII*.

Pictured above: A previously unknown picture of Seán Lemass in Milan, 13 April 1959, after his first trip in a helicopter. DIFP tweeted this image to bring it to public notice.

SOUNDCLOUD AND iTUNES

A range of audio recordings and podcasts are now available for all to hear, including discourses, conferences and interviews, on the Academy website, iTunes and Soundcloud.



OVER 70 CLIPS
ON SOUNDCLOUD



OVER 60 PODCASTS
AVAILABLE ON iTUNES

Enhancing research and scholarship...*

***To enhance its role as a centre for
research, scholarship and learning'**
Strategic Priorities, Strategic Plan 2013–2018

SCIENCE MASTER CLASSES

JULY 11-14

1 **PETER DOHERTY**

2 **GENEVIEVE BELL**

3 **JAMES WATSON**

4 **THE HIGGS
MASTER CLASS**

TO APPLY FOR A PLACE VISIT

WWW.RIA.IE

ROYAL IRISH ACADEMY MASTERCLASSES

In 2012 the Academy established a masterclass series to engage early career researchers with the work of internationally renowned researchers.

A masterclass consists of around 20 young researchers and one speaker. The speakers discuss their research area, career and particular challenges and opportunities in their field. A masterclass is informal, informative and motivational.

Among those that have given RIA masterclasses are Nobel laureates Professor Peter Doherty, Professor James Watson, Professor Mario Molina and Professor Paul Nurse.

FOCLÓIR NA NUA-GHAEILGE

Lean an fhoireann i nDún na nGall agus i mBaile Átha Cliath leis an obair ar na téacsanna digitithe atá le bheith san áireamh i *Corpas na Gaeilge 1882-1926*. Foilseofar an corpas seo ar líne níos déanaí i 2013. Chomh maith leis sin, ullmhaíodh téacsanna cráifeacha as *Corpas na Gaeilge 1600-1882* le cur ar líne. Ghlac an tOllamh Kevin Scannell ó Ollscoil St Louis le cuireadh a bheith ina bhall den Choiste Bainistíochta. Le cuidiú uaidh agus le cuidiú ó na baill eile, cuirfear feabhas ar an gcóras leamúcháin atá le húsáid sna corpais atá le foilsiú amach anseo. Tá céimithe le Gaeilge ag déanamh thréimhse taithí oibre ar an tionscnamh faoin scéim intéirneachta JobBridge faoi láthair chomh maith.

THE HISTORICAL DICTIONARY OF MODERN IRISH (FNG)

Staff in Dublin and Donegal continued to prepare digitised texts for inclusion in *Corpas na Gaeilge 1882-1926*, which will be published online in late 2013. Religious texts from *Corpas na Gaeilge 1600-1882* were also prepared for online publication during the year. Professor Kevin Scannell of St Louis University, USA, accepted an invitation to become a member of the Management Committee of the project, and with his help and that of other members, the lemmatisation process for future corpora will be enhanced. FNG is also delighted to have interns gaining work experience under the JobBridge scheme with the project.

YOUNG CHEMIST PRIZE



Each year the RIA Chemical and Physical Sciences Committee award the Young Chemist Prize. In 2012, the Prize for Young Chemists 2011 was awarded to Dr David Scanlon (pictured) at a ceremony on 13 July in the Royal Irish Academy. The award winning essay 'Electronic structure studies of *p*-type semiconducting oxides' describes the application of modern computational techniques to study the defect and electronic properties of transparent conducting oxides

(TCOs). These materials have many potential applications and so form an interesting and important topic in current solid state science.

DICTIONARY OF IRISH BIOGRAPHY

In August 2012 James Quinn delivered a talk on 'Young Irelanders in the Dictionary of Irish Biography' to the Thomas D'Arcy Magee Summer School in Carlingford, Co. Louth, and Pauric Dempsey contributed a weekly DIB slot on RTÉ's 'Drivetime' programme.

FRANÇOISE HENRY, MRIA

Two books based on diaries from the RIA Library's Françoise Henry collection have been published in 2012, *Françoise Henry in Co. Mayo: The Inishkea Journals*, edited by Janet Marquardt, of Eastern Illinois University, and *Îles d'Inishkea: carnets personnels*, edited by Barbara Wright, MRIA.

Professor Marquardt, gave a lecture entitled 'Françoise Henry in Co. Mayo: the Iniskea Journals' at the Academy in September 2012.



EMERGING TREATMENTS FOR LUNG DISEASE: RIA WORKSHOP

A one-day workshop was organised by the Academy Committee for Life Sciences in September 2012, aimed at highlighting current challenges with lung disease treatments, incorporating presentations from clinicians, researchers and industry, and a keynote address from Professor Stuart Elborn (Queen's University Belfast) on cystic fibrosis. The event also included a session discussing the establishment of a network of interested parties and a strategic response to challenges in lung disease treatment.

Abstracts were also invited for consideration for inclusion as scientific/clinical poster presentations and a prize was awarded to Dr Jerry Reen, a Senior Postdoctoral Researcher in the BIOMERIT Research Centre (BRC), Microbiology Department, University College Cork, for the best poster.

DRI PROMOTING OPEN ACCESS

The Digital Repository of Ireland, an open access repository for humanities and social sciences data, has been heavily involved in promoting the research and social benefits of open access. Dr Sandra Collins is on the National Steering Committee on Open Access Policy, which produced the National Principles for Open Access policy statement, launched at the October 2012 conference 'Realising the Opportunities of Digital Humanities'. DRI also organised an evening symposium on 'Open Access to Humanities Data'.

Professor Yuri Manin

SILVER LINING: CODES AND CLOUDS

Error-correcting codes, their asymptotic bounds
and Kolmogorov complexity

7.30pm Tuesday, 16 October
Gleeson Hall Theatre, DIT Kevin Street.

REGISTER ONLINE FOR FREE TICKETS

www.ria.ie



THE RIA
HAMILTON
LECTURE
2012

HAMILTON DAY 2012

The Royal Irish Academy celebrated Hamilton Day on 16 October 2012 by presenting awards to students of mathematics in nine of the Higher Education Institutions in Ireland and by holding the annual Hamilton Day lecture.

Each mathematics department was invited to nominate its 'best' student in the penultimate year of undergraduate mathematical studies. The recipients of the Hamilton Award in Mathematics received a scroll and a cheque for €1,000 generously sponsored by Google and the Irish Times.

Following the prize ceremony the Hamilton Lecture was given by Professor Yuri Manin, The Max Planck Institute of Mathematics, Bonn, in Gleeson Hall Theatre, Dublin Institute of Technology, Kevin Street. The lecture — 'Silver Lining: Codes and Clouds'—was attended by President of Ireland Michael D. Higgins, MRIA.

DRI'S REALISING THE OPPORTUNITIES OF DIGITAL HUMANITIES CONFERENCE

In October 2012, the Digital Repository of Ireland co-organised a major international conference that drew 300 participants and 30 speakers from across Ireland, Europe and North America and showcased 27 demonstrations of current digital humanities projects. The conference addressed the challenges facing digital humanities and offered expert talks and hands-on skills workshops on topics such as linked data, digitisation, archiving, copyright and intellectual property. The conference was opened by Minister Sean Sherlock, TD, Minister of State, Department of Enterprise, Jobs and Innovation and Department of Education and Skills with responsibility for Research and Innovation.

DICTIONARY LIVES: IN GENERAL AND PARTICULAR

In November 2012 James McGuire, MRIA, gave a paper entitled 'Writing Dictionary lives: in general and particular' to open a conference organised by the School of History and Anthropology at Queen's University Belfast on the general theme of 'Heroes, villains and scapegoats: the role of the individual in shaping Ireland's past'.

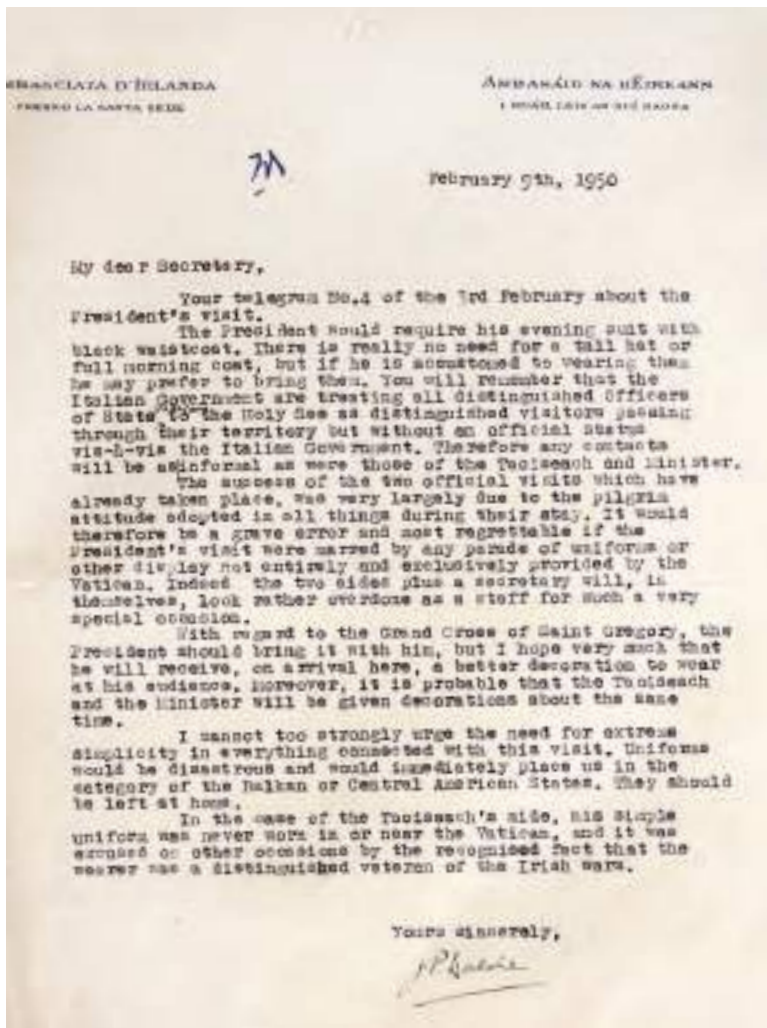
GOLD MEDALS 2012

In 2012 European Commissioner for Research, Innovation and Science Máire Geoghegan-Quinn presented the Academy Gold Medals to the biochemist Professor Luke O'Neill, MRIA, and Professor of Philosophy Dermot Moran, MRIA, (pictured below) in recognition of their outstanding contributions to the life sciences and the humanities.

In presenting the medals the Commissioner said

'These awards are hard earned. Each one is a testament to a lifetime of passionate commitment to the highest standards in scholarship. And they are well-deserved recognition of scientific excellence. The Academy Committees charged with the responsibility of shortlisting candidates for this year's awards were faced with a demanding task. I am pleased about this because it shows that there was a rich pool of deserving candidates.'





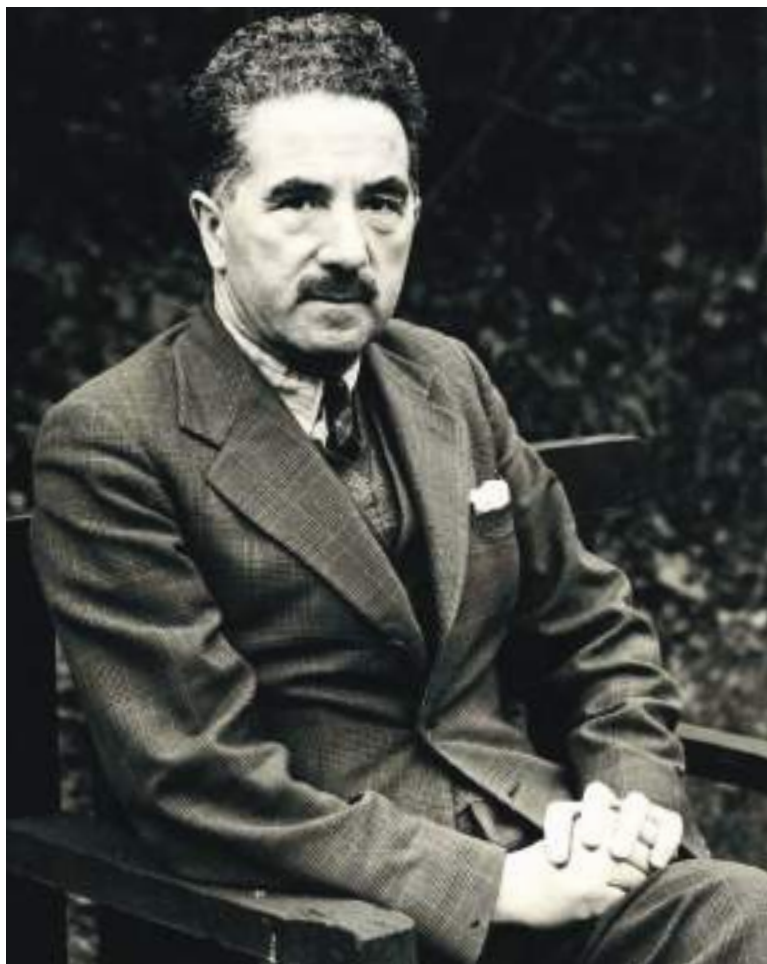
DIFP IX (1948-1951)

The first months of 2013 saw the Documents on Irish Foreign Policy (DIFP) project back at the beginning of research for another volume in the series. *DIFP IX* will cover the entire term of office of the Inter-Party government of 1948 to 1951 and focus on such sensitive issues as Ireland's leaving the Commonwealth and Ireland's refusal to join NATO because of partition. The volume will have a dominant Cold War theme, and the likelihood of nuclear war or at least World War Three pervades its pages.

As this annual review goes to press, the majority of the research work required for the volume has been completed. We have found new material on Ireland's attitude to European integration, in particular Ireland's attitude to the creation of the European Coal and Steel Community in 1950 and 1952.

DIFP IX will be the first text to examine in its totality the foreign policy of the Inter-Party Government, as previous accounts have tended to focus on specific episodes or look at foreign relations during the period as part of the overall policies of the Inter-Party Government.

Left: Joseph P. Walshe (1886-1956): Secretary, Department of External Affairs (1922-1946), Ambassador to the Vatican (1946-1954)



LEBOR NA HUIDRE SCHOLARSHIP

In collaboration with Ruairí Ó hUiginn, MRIA, and in commemoration of MRIA R.I. Best's groundbreaking research paper in *Ériu* 6 (1912), the Library held a major conference on 22-23 November on the subject of *Lebor na hUidre*. Over two days, ten speakers presented the results of new research to a capacity audience drawn from Ireland, the Continent and the United States of America. The papers will be published by the Academy in 2014, and the Library intends to run similar conferences, based on major early books, on a biennial basis. As in the case of the science lecture series, most of the *Lebor na hUidre* papers were recorded and have enjoyed huge success as podcasts on the website, being used for teaching purposes in Irish universities, for example.



IHTA RESEARCH

Irish Historic Towns Atlas research during 2012–13 focused on the next publications, *Dublin, part III, 1756 to 1847* (by Rob Goodbody), *Youghal* (by David Kelly and Tadhg O’Keeffe), *Galway* (by Jacinta Prunty and Paul Walsh) and the first atlas dealing with a suburban township, *Clontarf* (by Colm Lennon, MRIA).

The project ran a Summer Research Season in June/July 2012. Dilia Eckert (Erasmus, University of Vienna, visiting National University of Ireland, Maynooth), Fredrika Carroll (SPUR, National University of Ireland, Maynooth) and Rhiannon Carey Bates (Trinity College Dublin) worked alongside authors and progressed work on Carlow, Cavan, Cork, Drogheda, Galway, Loughrea, New Ross, Tralee, Tullamore and Youghal. One significant outcome was the online publication of the ‘Draft Gazetteer’ for Cork in July 2012, which was part-funded by the Environmental Fund, Department of Arts, Heritage and the Gaeltacht. New authors have started research on Dungarvan and Naas.

Pictured: Former site of the Royal Irish Academy, Grafton Street, from the Ordnance Survey large-scale town plan of Dublin city, 1847. These plans are a core source in the production of *Dublin, part III, 1756 to 1847* by Rob Goodbody, which is due to be published in the IHTA series in 2014.

LIBRARY RESOURCES

The year's work built on the solid foundations laid down over the previous decade, of cataloguing the various categories of Library holdings to a high standard and making them more accessible via the Academy's website. The team catalogued or edited over 3,000 records, and major strides were made in the management of the ever-expanding photographic collections, which cover a range of formats. Systems have been put in place to make these important records as accessible as possible while ensuring the preservation of electronic formats to digital archival standards. The Library's collections of glass plate negatives were arranged, cleaned, re-housed and catalogued. These are part of the Robert Lloyd Praeger (1865–1953) collections and are mainly of social history interest; another collection consists of stone monuments photographed by Margaret Stokes (1832–1900).

The Librarian commissioned a major condition assessment of two dozen medieval manuscripts, most of which had been conserved during the previous forty years. The ensuing report and recommendations will serve as a useful benchmark against which to measure the condition of these manuscripts in the future. The majority of the manuscripts assessed are accessible online via Irish Script on Screen (ISOS), and a further four manuscripts were added to ISOS in December 2012 as part of the Academy's ongoing collaboration with this invaluable resource.

Left from top: Sir Henry Dryden's watercolour of Catherine Clary, Ballycroy, Co. Mayo, alias 'Kitty the gun', February 1854. Sir Henry Dryden's depiction of a peasant woman in Tralee, Co. Kerry, six years after the Great Famine, November 1854. Right: Photographic glass plate showing a young woman on a balcony (late 19th C.) (Praeger Collection).





PROMOTING EXCELLENCE IN ARCHAEOLOGY

The Academy continued in its mission to promote and support study and research in Irish archaeology, and completed a call for applications for grants for research in Irish archaeology, excluding excavation, in May 2013, following on from its 2012 programme, which saw €5,560 in research grants and €88,000 in excavation grants awarded in 2012–13.

RADIOCARBON DATING

The Royal Irish Academy in association with Queen's University Belfast has offered ten radiocarbon dates in 2013 to be used for the purposes of archaeological research in Ireland.

DRI FUNDING

Over the past year, the Digital Repository of Ireland (DRI) has secured a number of grants to fund collaborative projects, organise conferences, and extend the DRI's mandate over time. Among these grants are an award from the Ireland Funds to produce a series of videos on the DRI and digital preservation, a grant from Science Foundation Ireland (SFI) for a large international digital humanities conference in October 2012, and an Enterprise Ireland travel grant for the co-ordination of an FP7 grant application. Early in 2013, the DRI at RIA also became a funded partner in the European narrative-building software research project DECIPHER, and secured FP7 and SFI funding to deliver Researcher's Night with Trinity College Dublin on 27 September 2013. DRI has also become a partner in the new SFI Research Centre INSIGHT. This centre is part of the largest ever state/industry co-funded research investment in Ireland, and as a result of the collaboration, DRI's funding has been extended an additional four years, to 2019.

Minister Sean Sherlock, TD, with Dr Natalie Harrower, Dr Sandra Collins and Mairéad Heffron of the Digital Repository of Ireland.



All-island and international ...*

***To foster the Academy's all-island and international scholarly engagement'**
Strategic Priorities, *Strategic Plan 2013–2018*



TOWARDS COMMEMORATION: IRELAND IN WAR AND REVOLUTION 1912-1923

'If you've ever lived in a place that fell apart. If you've ever come home from school, and wondered if you would get home. If you've ever gone to sleep wondering if you'll wake up in the morning or if your father will get home from work [...] believe you me, you'll understand why this book is so important.'

This decade of centenaries will be a test of us ... (as opposed to fifty years ago). What we do have now is an agreed consensus around peace and that has changed the shape of this decade.'

Mary McAleese, MRIA, speaking at the launch of *Towards Commemoration* in March 2013



WATCH SPEECH
ON YOUTUBE

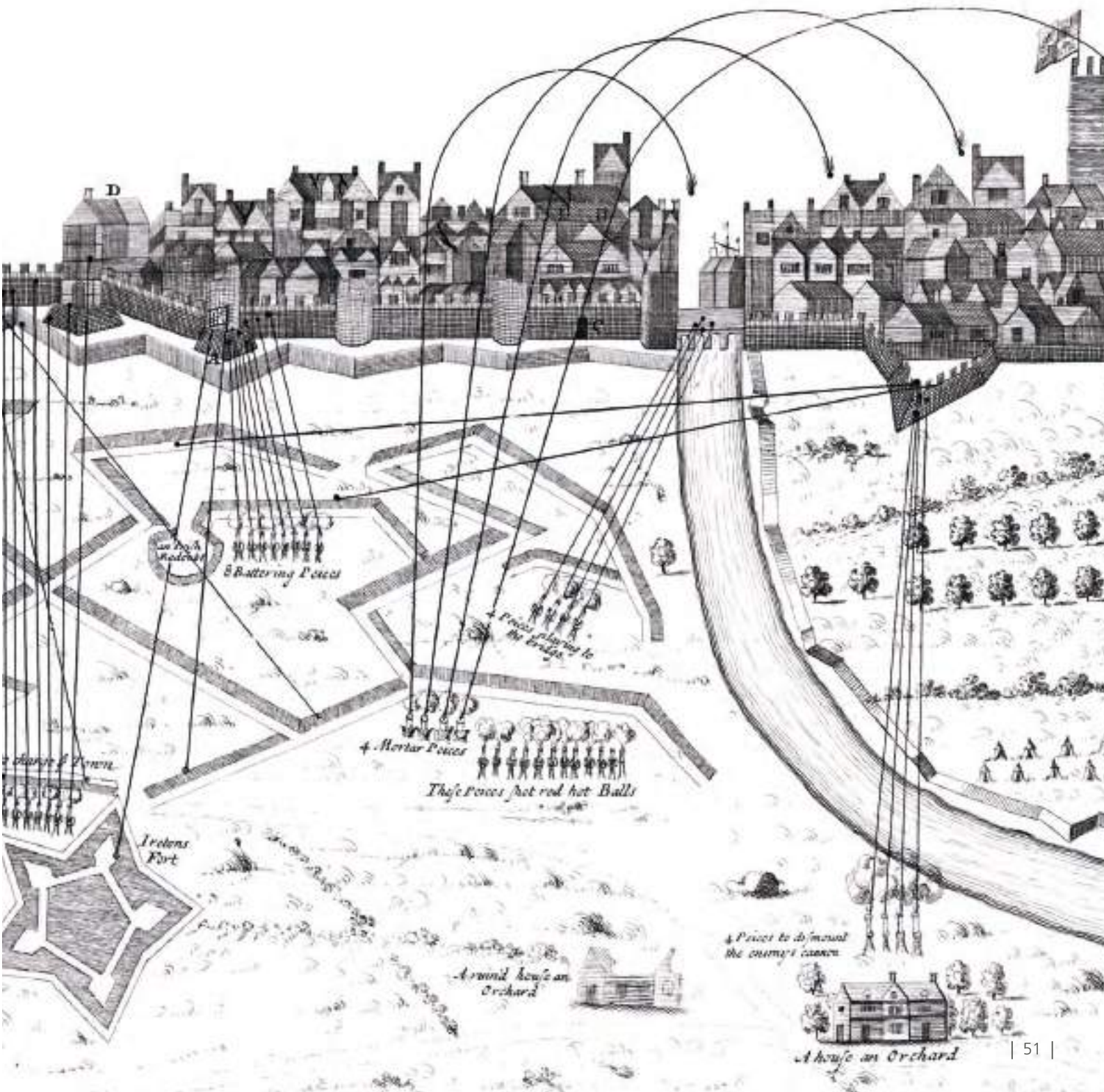
Towards Commemoration arises from a project led by the Centre for War Studies, Trinity College Dublin, in association with the Princess Grace Irish Library, Monaco. Edited by John Horne, MRIA, and Dr Edward Madigan, it features essays by leading historians, journalists and civic activists debating how to make the most, and avoid the worst, of the centenary decade.

Mary E. Daly, MRIA, Mary McAleese, MRIA, and Ruth Hegarty, Managing Editor, Royal Irish Academy, at the launch of *Towards Commemoration*.



IHTA APP—IRELAND UNDER SIEGE

The Irish Historic Towns Atlas (IHTA) was active in several all-Ireland and international collaborative projects in 2012–13. One such involvement was 'Ireland under Siege' the development of a new augmented reality smart phone application, steered by the University of Limerick, which was launched in April 2012. Work with Derry City Council and Queen's University Belfast on the pilot 'Digital Atlas of Derry~Londonderry' coincides with the UK City of Culture for 2013. This experimental web-GIS resource uses content from IHTA, no. 15, *Derry~Londonderry* and has proven to be a worthwhile case study for progress in the wider scheme of European town atlases, where efforts are being made to create comparable digital atlases. Anngret Simms, MRIA, Howard Clarke, MRIA, and Sarah Gearty represented the Irish project at atlas meetings/workshops under the auspices of the International Commission for the History of Towns in Budapest (June 2012) and Prague (September 2012). The Irish project is responsible for hosting the online list and map of published atlases in the European scheme, which represents approximately 500 towns and cities.



EUROPEANA DATA FORUM CONFERENCE

The Digital Repository of Ireland (DRI) co-organised the 2013 European Data Forum conference, held at Croke Park in April 2013. The European Data Forum (EDF) is an annual meeting place for industry, researchers, policy-makers and community initiatives to discuss the challenges and opportunities of 'Big Data' in Europe. Minister Alan Shatter, TD, Minister for Justice, Equality and Defence, opened the conference. DRI also announced its role in an ambitious, ground-breaking collaboration to develop an innovative cross-archival semantic content discovery platform as part of the new Science Foundation Ireland INSIGHT data analytics centre. DRI is also looking forward to organising the third plenary of another important international big data venture, the Research Data Alliance, to be held in Dublin in March 2014.

Pictured below at the European Data Forum in Croke Park: L-R: Professor Mark Ferguson, Brid Dooley, Stefan Decker, MRIA, Dr Sandra Collins, Minister Alan Shatter, TD.

DRI HEADS ALLEA'S E-HUMANITIES TASK FORCE

Dr Sandra Collins of the Digital Repository of Ireland (DRI) was appointed as the chair of the Federation of all European Academies (ALLEA) task force on e-humanities. Shortly after her appointment, DRI organised ALLEA's Scientific Symposium on the Management of Large Data Corpora, held in Berlin in April 2013. ALLEA was founded in 1994 and currently brings together 52 academies in more than 40 countries from the Council of Europe region. The e-Humanities Task Force is charged with identifying and raising awareness for priorities and concerns of the e-humanities, contributing to the open access agenda from a humanities and social sciences perspective, and building consensus for common standards and best practices in e-humanities.





DOWNLOAD
ON WWW.RIA.IE

PLANTING FOR THE FUTURE - AN EASAC REPORT

Academy nominees recently collaborated on the European Academies Science Advisory Council (EASAC) working group to review the future of crop genetic improvement and co-launched the resulting report *Planting for the Future*.

The report, which calls for urgent EU action on the status and regulation of the latest advances in new breeding techniques (NBT), a key new agricultural technology, was accompanied by an article in *Nature World View* and received national media coverage in Ireland.

‘In 2012 I was invited by the RIA to be the Irish representative on an EASAC working group tasked with reviewing the opportunities and challenges for using crop genetic improvement technologies to attain sustainable crop production systems in Europe. At two levels, participation in the working group was invaluable. Firstly, it afforded an opportunity to highlight to our European peers the crop science research completed in Ireland to date, our present research and what we have planned for the future. Secondly, participation allowed me personally to network and forge professional contacts that are the precursor to research collaboration. Combined, I believe the profile of Irish crop science research has been further raised and this provides a further platform to secure non-exchequer funding into the future’.

Dr Ewen Mullins, Senior Research Officer,
Teagasc, and member of EASAC
Working Group ‘Planting the Future’

ACADEMY NOMINEES DRIVING RESEARCH FORWARD

The Academy places a particular priority on nominating Irish researchers to strategic fora and working groups aligned with Ireland’s priority areas for economic growth or addressing key societal challenges. Through its participation in steering committees and boards the Academy helps to inform and shape the strategic policy activities pursued at the European level by the European Academies Science Advisory Council (EASAC) and the Federation of All European Academies (ALLEA)

In 2012 Academy nominees represented Irish science in working groups addressing marine sustainability, a roadmap for embedding the humanities and social sciences within Horizon 2020, open access and e-humanities, genetic modification of crops, biofuels, carbon capture storage and science education.

CURRENT RIA NOMINEES TO INTERNATIONAL WORKING GROUPS

Professor Alan Dobson MRIA

EASAC Scoping Group on ‘Marine Sustainability’

Professor Paul Callanan

EASAC Scoping Group on ‘Space’

Professor Peter Mitchell MRIA

ALLEA Science Education Working Group

Dr Sandra Collins

i-CORDI Research Data Alliance High Level Strategic Forum

ALLEA e-Humanities Working Group

Professor Richard Kennedy

EASAC Biosciences Steering Panel

Professor Mark O’Malley MRIA

EASAC Energy Steering Panel

Professor John Sweeney MRIA

EASAC Environment Steering Panel

THE ACADEMY AND INTERNATIONAL DISCIPLINE UNIONS

Through their membership of international discipline unions, Academy Committees link Irish research and scholars to international research networks and ensure that the views of Irish researchers are communicated at an international level and that the Irish community is kept informed of European and international developments of interest to their discipline.

2013 INTERNATIONAL ASTRONOMICAL UNION GENERAL ASSEMBLY

Professor Paul Callanan represented Irish astronomers at the 2013 International Astronomical Union (IAU) General Assembly. The main goal of the International Astronomical Union (IAU) is to 'promote and safeguard the science of astronomy in all its aspects, through international cooperation'.

The IAU has more than 10,000 individual members and 73 national members, including, since 1947, Ireland (with the national adhering body being the Royal Irish Academy). Irish membership ensures that the views of Irish researchers are heard when the IAU debates issues of astronomical importance, and heightens the profile of the Irish astronomical community internationally, opening opportunities for research collaboration. Similarly, IAU initiatives to demonstrate the value of astronomy for research, education and public scientific literacy strongly benefit the community in Ireland.



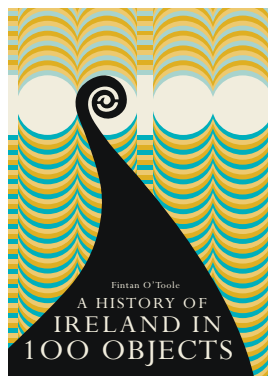
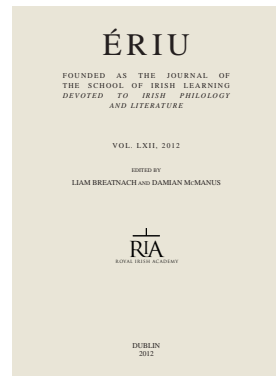
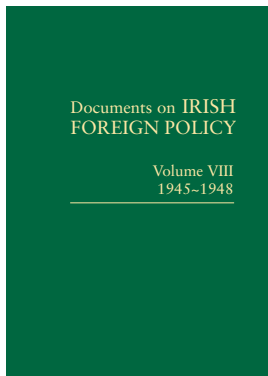
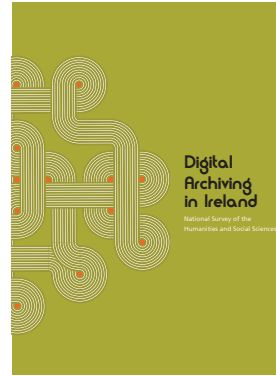
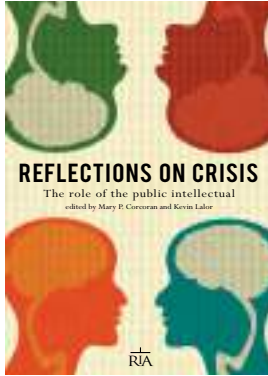
THE ACADEMY AND THE EUROPEAN COMMISSION

The Academy is the national adhering member to significant high-level academic and policy forums that promote and facilitate international research co-operation and collaboration, communicate the views of researchers and provide strategic advice to the European Commission and other international agencies. The Academy nominates Irish scientists and researchers for membership of high-level strategic working groups that work directly with agencies of the European Commission to examine current scientific thinking about major policy issues or to inform research practice and policy.



BUY ONLINE
AT WWW.RIA.IE

PUBLICATIONS



FORTHCOMING

Maps & texts: exploring the Irish Historic Towns Atlas H.B. Clarke and Sarah Gearty

Governance of Cultural Institutions: seminar 26 March 2013 Mary E. Daly and Michael F. Ryan (eds)

Roderick O'Flaherty's letters 1696-1709 Richard Sharpe

New Survey of Clare Island Volume 7: plants and Fungi Donal Synnott (ed.)

New Survey of Clare Island Volume 8: soils Wies Vullings, James F. Collins and George Smillie (eds)

Irish education in the early-nineteenth century Garret FitzGerald

Early Medieval Ireland AD 400-1100: the evidence from archaeological excavations Aidan O'Sullivan *et al.*

New Members...

19 new Members and 3 Honorary members elected to the Academy



Mark Crowe is Associate Professor in the School of Veterinary Medicine, University College Dublin. He leads an active group of researchers in the area of cattle fertility. He is internationally recognised as a leading authority on regulation of the oestrous cycle, post-partum resumption of ovulation and breeding management of dairy and beef cattle. He is currently President of the European Society for Domestic Animal Reproduction.



Susan Denham is the Chief Justice of Ireland, President of the Supreme Court and so the most senior representative of the judiciary in Ireland. She was called to the Bar in 1971, became a Senior Counsel in 1987 and was appointed a Judge of the High Court in 1991. In December 1992, she was the first woman appointed a Judge of the Supreme Court. She has contributed significantly to the reform of the courts system including the establishment of the Courts Service.



Kevin Devine is Professor in Genetics at the Smurfit Institute of Genetics and Head of the School of Genetics and Microbiology at Trinity College Dublin. He is an expert on the regulation of cell wall synthesis in bacteria. He has recently published on the systems biology of *Bacillus subtilis* (in *Science*), on regulatory circuits that control cell wall synthesis and on resistance to the antibiotic vancomycin.



Alan Dobson is Director of the Environmental Research Institute and a Professor in the Microbiology Department at University College Cork. His main field of expertise is in the area of bacterial and fungal genetics, and to date he has published over 120 papers on this topic. He is a previous recipient of the Royal Irish Academy Medal in Microbiology and was awarded a DSc in 2006.



David Farrell is Professor of Politics at University College Dublin. His studies of political institutions and their impact on the nature and conduct of representative politics are widely cited internationally. He is a founding editor of the journal *Party Politics*, and has championed informed public debate on political reform through 'We the Citizens' and the Constitutional Convention. He was President of the Political Studies Association of Ireland in 2012 and Speaker of the Council of the European Consortium for Political Research in 2013.



Michael Gallagher is Professor of Comparative Politics at Trinity College Dublin. A former president of the Political Studies Association of Ireland, he has published extensively in Irish and comparative politics. His research has focused in particular upon elections, electoral systems and political parties, and he has published articles on politics in a range of contexts, from Japan to Laos.



Peter Gray is Professor of Modern Irish History and is Head of the School of History and Anthropology at Queen's University Belfast. He specialises in the history of British–Irish relations in the nineteenth century and has published a number of important books on the Irish Famine. His most recent full length monograph is *The making of the Irish poor law 1815–1843*.



Patrick Guiry is Professor of Synthetic Organic Chemistry and Head of the School of Chemistry and Chemical Biology at University College Dublin. He leads a group of talented researchers who develop new catalysts and synthetic methodologies to prepare biologically interesting organic compounds, particularly those with anti-inflammatory and antimicrobial properties. He is internationally renowned for his expertise in asymmetric catalysis, stereoselective synthesis and medicinal chemistry.



Christopher Hardacre is the Head of the School of Chemistry and Chemical Engineering in Queen's University Belfast. He is distinguished for his innovative research in catalysis and ionic liquids. He has won a Royal Society of Chemistry 'Teamwork in Innovation' award for his ionic liquids research, and for his applied catalysis research he was awarded the Andrew Medal by the Institute of Chemical Engineers.



Gerard Kiely is Professor of Civil and Environmental Engineering at University College Cork, and a Principal Investigator at the university's Environmental Research Institute. He leads a group of researchers focused on hydrology, climate change and terrestrial greenhouse gas fluxes. He is internationally recognised for his expertise in greenhouse gas fluxes from grasslands and peatlands, providing new insights into soil carbon sequestration.



Christine Maggs is Head of School of Biological Sciences at Queen's University Belfast. She is an international authority on the biology and systematics of marine algae and has a specialist interest and expertise in aquatic invasive algae and plants. She is author of more than 120 scientific papers, monographs and contributions to books and is President Elect of the British Phycological Society.



Tomás Ó Carragáin is a lecturer in the Department of Archaeology, University College Cork. He specialises in early medieval archaeology and has carried out important work on early Irish ecclesiastical architecture, the archaeology of ritual practice and the archaeology of Christianisation. He has won several awards for his scholarship, most notably for his very distinguished book *Churches in Early Medieval Ireland: Architecture, Ritual and Memory*.



Nuala O'Loan is a member of the UK House of Lords and is Chair of the Governing Authority of NUI Maynooth. She is a qualified solicitor and from 2000–2007 she was the Police Ombudsman for Northern Ireland, responsible for the investigation of all complaints of criminal and non-criminal misconduct against the police. She was appointed Dame Commander of the Order of the British Empire (DBE) in the 2008 New Year Honours.



Terence O'Reilly is Professor Emeritus of University College Cork. His principal field of research is sixteenth- and seventeenth-century Spain, especially the history and influence of its religious thought. His most important recent book is *The Bible in the Literary Imagination of the Spanish Golden Age: Images and Texts from Columbus to Velázquez*.



Rosalind M.O. Pritchard is Professor of Education at the University of Ulster, of which she is also a Senior Distinguished Research Fellow. Her areas of expertise are comparative education and the teaching of English to speakers of other languages. She is a member of the Academy of Social Sciences. Her most recent book deals with neoliberal developments in higher education.



Peter Simons is Professor, Chair of Moral Philosophy and Head of School of Social Sciences and Philosophy at Trinity College Dublin. He is a Fellow of the British Academy and a Member of the Academia Europaea. He specialises in metaphysics and ontology (pure and applied), philosophical logic and the history of philosophy in Austria and Poland in the nineteenth and twentieth centuries.



Alan Smeaton is Professor of Computing at Dublin City University, where he leads a group of researchers on the development of theories and technologies to support all aspects of information discovery, helping people to find the right information at the right time. He is internationally recognised for his work on information retrieval, particularly multimedia retrieval, and video analysis, and his work has contributed important theoretical insights and helped to solve major technical challenges.



Cormac Taylor is Associate Professor at the School of Medicine and Medical Science at University College Dublin. He leads a research group at the Conway Institute, and his research into the cellular response to low oxygen (or hypoxia) has revealed novel mechanisms that allow protective endogenous processes to be exploited for therapeutic gain in the context of prevalent inflammatory disorders.



Sally Wheeler is Head of the School of Law at Queen's University Belfast and is a renowned scholar in commercial law. She is a pioneer in socio-legal studies; is a world leader in scholarship on contract law, directors' duties and corporations; was long-standing chair of the Socio-Legal Studies Association; and is an Academician of the Academy of Social Sciences.

HONORARY MEMBERS



Brian Kobilka is a professor in the departments of Molecular and Cellular Physiology at Stanford University School of Medicine. He is best known for his research on the structure and activity of G protein-coupled receptors (GPCRs), in particular, for work determining the molecular structure of the beta-2 adrenergic receptor. He was named a member of the National Academy of Sciences in 2011. In 2012 he was jointly awarded the Nobel Prize in Chemistry together with Robert J. Lefkowitz.



Margaret Murnane is a distinguished professor at the University of Colorado at Boulder, United States. She has been internationally recognised for her pioneering work in the field of ultra-fast laser and X-ray science. She is a fellow of the American Physical Society, the Optical Society of America, the American Academy of Arts and Sciences and the National Academy of Sciences; a recipient of the Maria Goeppert-Mayer Award of the American Physical Society; and a John D. and Catherine T. MacArthur Fellow.



Aidan Raftery is a Professor of Statistics and Sociology and a faculty affiliate of the Center for Statistics and the Social Sciences and the Center for Studies in Demography and Ecology at the University of Washington. He works on the development of new statistical methods for the social, environmental and health sciences.

DISTINCTIONS CONFERRED ON MEMBERS

Maria Baghramian was awarded a Fulbright Scholarship in 2013 and will be a fellow at the Department of Philosophy in Harvard for a period of six months from February 2014.

Walter Bodmer (Honorary Member) was awarded a Royal Society Royal medal 'for seminal contributions to population genetics, gene mapping and understanding of familial genetic disease'.

Anne Buttner was unanimously elected as vice-president of Academia Europaea at its general assembly, held in Bergen, 12 September 2013. Earlier in 2012 she was awarded an honorary doctorate (DSc. *honoris causa*) by Université de Grenoble, France.

Nicholas Canny was elected to be a corresponding member of the Real Academia de la Historia (The Spanish

Royal Academy for History) and has been elected by his colleagues on the Scientific Council of the European Research Council to chair their Working Group on Open Access.

Kevin James Cathcart was appointed Senior Research Fellow at Campion Hall, University of Oxford.

Michael Coey was SFI Researcher of the Year (2012) and also elected a member of the European Academy of Science (2012), and was awarded the Humboldt Prize (2013).

Derrick Crothers was local chair of the International Conference on Photonic, Electronic and Atomic Collisions XXVII, held on 27 July – 2 Aug 2011.

Catriona Crowe was awarded an honorary doctorate by NUI Maynooth on 25 June 2013.

Alex Dalgarno (Honorary Member) was awarded the Franklin Medal for 2013 in Physics.

Eamon Duffy (Honorary Member) was awarded a Doctorate of Divinity (*honoris causa*) by the University of Durham, during a three-day international conference on Early Modern English Catholicism held there in his honour, and on 5 October 2013 he was awarded a Doctorate in Medieval Studies (*honoris causa*) by the Pontifical Historical Institute, St Michael's, Toronto.

Ray Dolan (Honorary Member) was awarded the Klaus Joachim Zülch Prize for 2013 and has also become an external scientific member of the Max Planck Society in 2012.

Hastings Donnan was appointed Director of the Institute for the Study of Conflict Transformation and Social Justice, QUB, and was elected to the British Academy in July 2013.

John F. Dewey (Honorary Member) was awarded a DSc (*honoris causa*), Université de Rennes.

Vincent Fusco was awarded the Institute of Engineering and Technology Mountbatten Medal in November 2012.

Peter Harbison was inaugurated as an honorary member of the Royal Institute of the Architects of Ireland. His book on William Burton Conyngham, the Academy's first Treasurer, was launched in November 2012.

James Heffron was an invited reviewer on drug analysis for the multi-volume *Encyclopedia of Analytical Chemistry* and is a member of the editorial board of the journal *Drug Testing and Analysis*.

Frank Hegarty was nominated as Chevalier dans l'Ordre des Palmes Académiques by the French Prime Minister for services rendered to French culture.

Michael Herren (Honorary Member) received a Forshungspreis (Research Prize) awarded by the Alexander von Humboldt Foundation.

Susan Hockfield (Honorary Member) was awarded DSc. (*honoris causa*), University of Massachusetts Medical School, 2013; DSc. (*honoris causa*), University of Rochester, 2013; Pinnacle Award for Lifetime Achievement, Greater Boston Chamber of Commerce, 2013; American Academy of Rome, Carnegie Corporation/Vartan Gregorian Affiliated Fellow, 2013; and is US Science Envoy from the US Department of State and the White House, 2013.

George Huxley was awarded an Honorary Doctorate of Letters by NUI Maynooth.

Fergus Kelly was awarded The Derek Allen Prize for Celtic Studies by the British Academy on 8 November 2012.

Ullrich Kockel was appointed as visiting professor to the Vytautas Magnus University in Kaunas, Lithuania.

Brigid Laffan received the 2012 THESEUS Award for Outstanding Research on European Integration in Brussels, and was appointed Director of the Robert Schuman Centre for Advanced Studies at the European University Institute (EUI) in Florence in May 2013.

Joep T. Leerssen (Honorary Member) was appointed corresponding member of

the Austrian Academy of Sciences (Österreichische Akademie der Wissenschaften) and the Göttingen Academy of Sciences and Humanities (Akademie der Wissenschaften zu Göttingen).

Steve Lippard (Honorary Member) received the Priestley Medal, American Chemical Society, 2014 and the Killian Faculty Achievement Award (MIT), 2013.

Marianne McDonald was appointed distinguished Professor of Classics by the University of California, San Diego.

J.V. McLoughlin was elected fellow of the Faculty of Dentistry, Royal College of Surgeons (FFDRCSI) in Ireland (*ad eundem*) on July 2, 2012.

Christine Maggs received the SWAN Athena Gold award for women in science.

Sinisa Malesevic was elected as an associate member of the Academy of Sciences and Arts of Bosnia and Herzegovina in January 2013.

Seamus J. Martin was appointed editor-in-chief of the *FEBS Journal*, from January 2014, and has been elected to the Editorial Board of *Cell Reports* and *The Journal of Biological Chemistry*.

Patrick Masterson was awarded Doctor (*honoris causa*) by Champlain College, Burlington, Vermont, USA.

Martin Mathieu was elected president of the Irish Mathematical Society.

Dermot Moran was elected president of the International Federation of Philosophical Societies (FISP).

Fionn Murtagh was appointed editor-in-chief of *The Computer Journal* (British Computer Society and Oxford University Press) in July 2012. Additionally he was appointed chair of the Board of the Council for Frontiers of Knowledge, Makerere University, Kampala, Uganda, in November 2012 and Head of School, School of Computer Science and Informatics, De Montfort University, Leicester, in July 2013.

Werner Nahm was awarded the 2013 Max Planck Medal.

Colin O'Dowd was awarded the 2012 Appleton Medal by the Institute of Physics in the UK for his 'distinguished research in environmental and atmospheric physics'.

Colm O'Morain received a Life Time Achievement Award from the Irish Society of Gastroenterology at a joint meeting of the British, Ulster and Irish Societies of Gastroenterology held in Belfast in April 2013. He has also been elected to the Executive Committee of the BioMedical Alliance for Health Research, an organisation that includes 22 European scientific societies representing 400,000 research scientists.

Onora O'Neill (Honorary Member) was appointed to chair the UK's Equality and Human Rights Commission.

Kevin H. O'Rourke was elected a fellow of the British Academy. He also delivered the 2013 Chaire W.J. Ganshof Van Der Meersch Lecture at the Institute for European Affairs, Université Libre de Bruxelles.

John Pethica was elected to the Royal Academy of Engineering.

Philip Pettit (Honorary Member) was elected corresponding fellow of the British Academy in July 2013.

Patrick Prendergast was appointed by Commissioner Androulla Vassiliou to the Governing Board of the European Institute of Innovation and Technology, the EIT. He was also elected an international fellow (foreign member) of the Royal Academy of Engineering (FREng).

Richard B. Reilly was elected president of the European Society of Engineering and Medicine (ESEM) and was awarded the Haughton Medal from the Royal Academy of Medicine of Ireland for 2013.

Stuart A. Rice (Honorary Member) was awarded the degree Doctor of Science (*honoris causis*) by the University of Toronto, in June 2013.

Ian Robertson was elected as a fellow of the US Association for Psychological Science.

Bill Schabas was awarded an honorary doctorate by the University of Copenhagen.

Paul Sharp was elected a fellow of the Royal Society in May 2013.

Seán Strain was the recipient of the British Nutrition Foundation 2012 Prize.

Alan Titley Scéal na Gaeilge' ('The Story of Irish'), written and presented by Alan Titley, received first prize for 'Best Factual Entertainment' film at the international Celtic Media Festival for 2013. The film was directed by Diarmuid Goggins and produced by Ciarán Ó Cofaigh.

Jagdish Vij was appointed Distinguished Visiting Professor (academic year 2012–13), World Class University Program, School of Electronic and Electrical Engineering, College of Information Engineering, Sungkyunkwan University, South Korea.

Ruth Whelan was unanimously elected a member of the Council for the Société de l'Histoire du Protestantisme Français.

BEREAVEMENTS

The deaths of the following members in the period 31 March 2012 to 20 August 2013 are recorded with regret

Corish, Patrick Joseph DD(Maynooth), MA(NUI). Elected 1956. Died 10 January 2013.

Delaney, Cyril Francis George MA, PhD(Dubl). Elected 1958. Died 24 September 2012.

Fitzpatrick, John Aidan BSc, PhD(QUB), MA(Dubl), DSc(QUB). Elected 2005.
Died 4 September 2012.

Flannery, Martin Elected honorary member 1997. Died 2 May 2013.

Freyne, Seán V. MA(Dubl), STL(Maynooth), LSS and STD(Rome). Elected 1991.
Died 5 August 2013.

Gray, George William Elected honorary member 2001. Died 12 May 2013.

Kennedy, Kieran Anthony MEconSci(NUI), BPhilEcon(Oxon), PhD(Harvard), LittD(*hc* Dubl). Elected 1973. Died 6 February 2013.

Lydon, James Francis Michael BA, MA(Dubl, NUI), PhD(Lond), DLitt(Dubl). Elected 1967.
Died 25 June 2013.

Montwill, Alexander MSc, PhD, DSc(NUI). Elected 1983. Died 18 April 2013.

Nowlan, Kevin Barry MA(NUI), PhD(Cantab), Barrister at Law. Elected 1977.
Died 4 February 2013.

O'Reilly, Francis J. GCLG, BA, BAI, LL.D(*hc* Dubl, NUI) Elected 1987. Died 11 August 2013.

Quigley, George BA, PhD(QUB), Hon. LL.D(QUB), Hon D.Univ.(University of Ulster), Hon. D.Univ.(Open University), Hon Fellow I.Mgt.I. Elected 2007. Died 3 March 2013.

Scott, John Martin BSc(NUI), MA, PhD(Dubl), ScD, DSc(*hc* UU). Elected 1982.
Died 29 December 2012.

Watkins, Calvert Elected honorary member 1968. Died 20 March 2013.

Welch, Robert Anthony BA, MA(NUI), PhD(Leeds). Elected 2008. Died 3 February 2013.

Schmidt, Karl Horst Elected honorary member 1993. Died 29 October 2012.

West, Timothy Trevor BA(Dubl), PhD(Cantab). Elected 1972. Died 30 October 2012.

MOBILITY GRANTEES 2013

Mobility grants are awarded for short visits to any country to support primary research in any subject area. The duration of visits is generally between one week and six weeks, the key objectives being to initiate one-to-one collaborations; explore opportunities to build lasting networks and gain access to ideas; research facilities, and complementary equipment. Funds are available to facilitate initial project planning and development; to support the direct costs of research; or for visits by or to partner scholars.

‘...the grant...demonstrated my capacity for securing external research funding.
This is an important consideration for promotion within the University.’

Dr Shane Darcy – awarded a mobility grant in 2011

Science

Dr Raymond Bond, UU

‘Using eye tracking technology during clinical 12-lead ECG interpretation: where do expert cardiologists look?’ • University of California, USA

Dr David Bourke, TCD

‘Global change impacts on Ireland’s biodiversity—calibrating regional models with European climatic and species distribution datasets’ • Université Joseph Fourier, Grenoble, France

Dr Louise Firth, NUIG

‘Phenology and biogeography: key grazers in a changing world’ • Various institutions, Norway

Dr Yvonne Halpin, DCU

‘Development of photo- and electrocatalytic devices for the realisation of a sustainable technology for the room temperature generation of hydrogen from water’ • University of Rome ‘La Sapienza’, Italy

Dr Gemma Keegan, DCU

‘Flow-through synthesis of gold-stabilised silver nanostructures’ • Institute of Photonic Technology, Germany

Dr Claire Kilty, UCD

‘Establishing the use of TALEN technology for gene knockout studies in zebra fish’ • The University of Edinburgh, Scotland

Dr Ruairí MacNamara, NUIG

‘A study of the reproductive ecology of the critically endangered European eel (*Anguilla anguilla*)’ • Fisheries Research Institute, Greece

Dr Avril Monahan, QUB

‘Novel murine model of cystic fibrosis associated chronic pulmonary *Pseudomonas* infection’ • University of Auckland, New Zealand

Dr Martin O’Halloran, NUIG

‘Hybrid breast imaging technique using Positron Emission Tomography and microwave imaging for the detection and classification of early stage breast cancer’ • University of Lisbon, Portugal

Dr William Young, QUB

‘Exploiting the motor system: using action observation as an auditory cueing strategy to help prevent freezing of gait in Parkinson’s disease patients’ • Stanford University School of Medicine, USA

Humanities and social sciences

Dr Selena Daly, UCD

'Fortunato Depero: futurist, irredentist and volunteer soldier (1913—1915)' • Various institutions, Italy

Dr Amanda Fitzgerald, UCD

'Innovative multimedia technologies and mental health interventions for young people' • Stanford University School of Medicine, USA

Dr Niamh Gaynor, DCU

'Local governance and peace-building in the Democratic Republic of the Congo (DRC)' • Various institutions, Democratic Republic of the Congo

Dr Joe Griffin, UL

'Development of a multi-institutional and multi-cultural approach to teaching and learning in computer and information ethics (ICE)' • Various institutions, Kenya, Tanzania and Uganda

Dr Claire Hamilton, QUB

'A cross-national comparison of punitiveness in selected European and US states' • Vera Institute of Justice, USA

Dr Kate Kenny, NUIG

'Whistleblowers in banking: entrepreneurial identities and public perceptions' • Cardiff Business School Organization Research Group, Wales

Dr Conor Lucey, UCD

'British agents of the Irish Adamesque' • Various institutions, USA

Dr Eve Morrison

'Voicing the Irish Revolution 1913–1923: veterans, memory and the Bureau of Military History' • Various institutions, UK

Dr Riona Nic Congáil, St Patrick's College

'Disciplining children: the Irish language revival and the construction of Nationalist children's culture (1880–1920)' • Harvard University, USA

Dr David O'Shaughnessy, TCD

'The correspondence of Dennis O'Bryen' • British Library, UK

Dr Murray Scott, NUIG

'Measuring success in information systems: a public value perspective' • Various institutions, USA

Dr Svetlana Svyatko, QUB

'Palaeodietary analysis and palaeoeconomy: reconstructions of Bronze to Early Iron Age Altai region, southern Siberia, Russia' • Altai State University, Russia

Dr John Thompson, UCD

'Arthur Vandenberg's Republican Party: from isolationism to the Cold War consensus' • University of Michigan, USA

Summary of Accounts*

*For the year ended 31 December 2012

GENERAL PURPOSES CURRENT ACCOUNT *

Income	€
Grant-in-aid	3,105,000
Entrance fees and Members subscriptions	33,112
Sale of publications	187,607
Sale of proceedings	52,117
Miscellaneous	113,080
Brought forward from previous year**	738,493
Room rental	22,152
Department of the Gaeltacht	123,249
<hr style="border-top: 1px dashed #ccc;"/>	
Total Income	4,374,810
Direct Expenditure	
Audit, law, bank, professional charges	42,925
Fuel and light	30,369
Furniture, equipment and household	59,981
Discourses	13,844
Miscellaneous	31,973
General insurances	11,567
Information technology	133,469
Supplementary pensions	111,499
Postage and telephone	35,413
Printing administrative	7,143
Salaries and wages	1,189,665
Stationery and office equipment	29,319
Training and consultancy	78,274
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Total Direct Expenditure	1,775,441
Allocations to Special Accounts	
International Unions and General Assemblies account	49,663
Library account	406,228
Print Proceedings account	310,997
General Publications account	163,998
Foclóir na Nua-Gaeilge account	326,368
Celtic Latin Dictionary account	104,002
International Exchanges and Fellowships account	27,924
Irish Historic Towns Atlas account	140,342
Dictionary of Irish Biography account	287,049
<hr style="border-top: 1px dashed #ccc;"/>	
Total of Allocations	1,816,571
Total of Expenditure	3,592,012
Income	4,374,810
Expenditure	3,592,012
Surplus/Deficit EOY	44,305
** Carried forward from previous years	738,493
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*The above accounts are shown on a cash receipts basis. Under the provisions of the Comptroller and Auditor-General (Amendment) Act 1993, the Academy's accounts are subject to audit on an accruals basis by the Comptroller and Auditor-General.

The Academy's audited accounts for 2012 were signed by the Comptroller and Auditor-General on 28 September 2013.