Acadamh Ríoga na hÉireann
Royal Irish Academy

2024 Annual Review

ABOUT THE ROYAL IRISH ACADEMY

The Royal Irish Academy, established in 1785, serves as an all-island learned society, recognising academic achievement and contributing expertise to enhance the public good. Through its research programmes, grants, publications, library, historic collections and public events, the RIA maintains a long tradition of sharing knowledge and insight across the full range of disciplines in the sciences, humanities and social sciences. Drawing on a diversity of fields and perspectives, the RIA supports Ireland's intellectual and cultural life, while also working with international learned societies and organisations to raise the profile of Irish research.

In addition to its work on behalf of members, the RIA provides support and mentorship to help nurture the next generation of scholars and innovators by fostering the Young Academy Ireland.

Through its multidisciplinary committees, the RIA engages with the wider scholarly community in Ireland and promotes cooperation within and across disciplines. The RIA advances knowledge through its research programmes and its publications, which reach a global audience. The RIA's Library holds unique print and manuscript resources, of major research importance, in Irish history and cultural heritage. It facilitates academic research and public access, thus promoting a deeper appreciation of Ireland's rich heritage.

The RIA serves as an independent forum where academia, government, civil society and the private sector can come together to address issues of mutual interest through discussion and knowledge exchange. By exercising our convening power, we leverage the knowledge and expertise of our 670-plus members and our international networks to enhance informed discourse and evidence-driven decision-making.

The RIA acts as a centre for the dissemination of knowledge, by publishing scholarly journals and academic volumes, organising conferences and providing platforms for researchers to share their findings with the broader academic community and the public. The RIA actively engages with the public to communicate the value of research and scholarship, including through educational programmes, public lectures and efforts to make research findings accessible and understandable to a wider audience.

The Royal Irish Academy's multifaceted activities intertwine to fulfil its overarching mission of fostering excellence and scholarship to enrich society.

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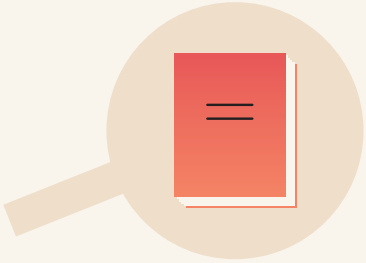
2024 AT A GLANCE

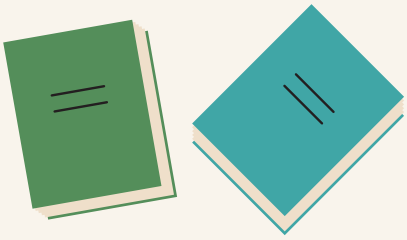
Library and Publications

The eight academic research programmes of the Academy work with areas in which the Academy Library and its collections are exceptionally rich, including Irish language and literature, linguistics, the history and culture of Ireland and archaeology. The Academy publishes books aimed at communicating scholarly material to a wider public, as well as landmark series, scholarly books and journals.



Library

892 Readers. 2,331 Visitors.
13 Events Hosted.
3 book launches.



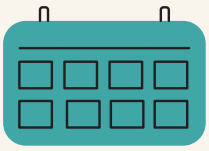
Publications

Published 5 books, working with
52 authors, editors and contributors.

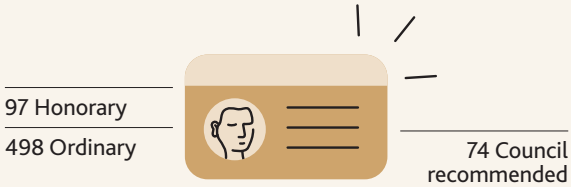
Journals

Published 74 articles across six journals.

Our year in numbers



240
Years of representing academic excellence on the island of Ireland



668
Total number of members

17 Male

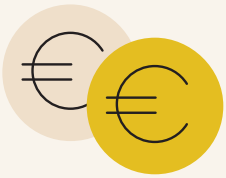
11 Female

28
New members (MRIA and Hon. MRIA) admitted

40% Male

60% Female

40
Young Academy Ireland members inducted



€412,255
Research grants awarded

53
Grant awardees

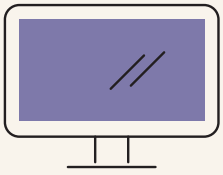
13
Awards and prizes given this year

50,169
Followers across RIA social media channels

7
All-island policy events

1,190
Visitors on Culture Night

7,425
Bookings for RIA events



222,668
Unique visits to www.ria.ie

Research programmes

ARINS: Analysing and Researching Ireland North and South
11 podcasts, 13 blogs, 9 articles released this year

Dictionary of Medieval Latin from Celtic Sources
1,440 dictionary entries completed and peer reviewed this year (constituting the whole of the combined letter I/J and the letter O)

Dictionary of Irish Biography
63 new and updated entries published this year, totalling 10,885 lives

Grangegorman Histories
428 registrations for events organised as part of the Dublin Festival of History

Documents on Irish Foreign Policy
Marked *Ireland-India: 75 years of Diplomatic Relations* with a lecture in Delhi entitled *Ireland-India: From Radicals to Diplomats*

Foclóir Stairiúil na Gaeilge
90 million words in Corpas Stairiúil na Gaeilge

Digital Repository of Ireland
35 new collections published this year, totalling 192 collections now digitally preserved and accessible

Irish Historic Towns Atlas
Publication of *Irish Historic Towns Atlas no. 31 Cork/Corcaigh*, with individual histories of 13,000 urban sites and over 40 maps

PRESIDENT'S FOREWORD

A chairde,

As President of the Royal Irish Academy, I am delighted to introduce our latest Annual Review.

Throughout 2024, the Academy strengthened and deepened our relationship with the Department of Higher and Further Education, Research, Innovation and Science through several consultations. Over the course of the year, other key government departments and agencies continued to support and develop fruitful partnerships with Academy projects: the Department of Foreign Affairs supported Documents on Irish Foreign Policy, the Michel Déon Prize for non-fiction and the Ireland-Scotland bilateral grant scheme; the Department of Housing, Local Government and Heritage through the National Monuments Service, and the Department for Communities Northern Ireland through the Historic Environment Division funded our archaeology grant schemes; the Heritage Council—as part of the Heritage Stewardship Fund—funded our Library project 'The Birds of Ireland'; and the Environmental Protection Agency and the Department of Housing, Local Government and Heritage collaborated with our Climate Change and Environmental Sciences Committee in hosting a conference entitled 'Exploring Climate Change and Culture and Heritage'.

In 2024 we continued to be a leading voice in discussions concerning funding for the higher education sector. In September, the Royal Irish Academy, the Irish Universities Association, the Technological Higher Education Association, the Union of Students in Ireland and the British Irish Chamber of Commerce jointly hosted a debate on the Future Funding of Higher Education with political party spokespeople. In November, there was an impressive attendance for our Research Day, which featured discussions with, and presentations from, the various research programmes within the Academy. The research programmes also contributed to many of our outreach activities during the year, including Culture Night when we welcomed 1,190 visitors into the Academy to learn more about our work and what we do.

With public engagement high on the agenda, we hosted a webinar outlining the RIA membership nomination process to coincide with the opening of the 2024 membership call. We also hosted a range of distinguished speakers during the year, including Mairead McGuinness in her capacity as the European Commissioner for Financial Services, Financial Stability and Capital Markets Union; Nobel Laureates in Chemistry, Professor David MacMillan and Professor Frances Arnold; and Nicholas Canny MRIA, who delivered an engaging lecture as part of Dublin Festival of History.

Another highlight of that festival was the two 'Behind the maps' workshops hosted by the Irish Historical Towns Atlas programme that focused on Dublin city and its suburbs. Heritage Week was yet another opportunity for public engagement, this time in the form of booked-out guided tours of the Academy provided by our Library staff.

The Irish Historic Towns Atlas's long-awaited atlas of Cork—one of the enjoyable titles delivered by our Publishing House in 2024—was officially launched by Councillor Dan Boyle, Cork City Lord Mayor, in November. The other titles published by the Academy were *The Irish art of calligraphy: a step-by-step guide, Knowth, Documents on Irish foreign policy: volume 14* as well as *Irish food history: a companion*, which we are delighted to say won the Irish Food and Drink book of the year award at the 2024 An Post Irish book awards! Another Academy publication, *Death in Irish prehistory*, was awarded the European Association of Archaeologists Book Prize 2024.

We were honoured to welcome 28 newly elected members who were admitted to the Academy for their exceptional contributions to the sciences, humanities and social sciences, as well as to public service. Admittance Day on 24 May, the Stated General Meetings on 16 March and 30 September, and our Festive Evening event on 12 December were wonderful opportunities to acknowledge and thank all our members who have dedicated their time to the Academy in various capacities over the past year.

I would like to express my gratitude for the support I have received from my fellow officers this year: Imelda Maher (Senior Vice President), Mary Kelly (Treasurer), Daniel Carey (Secretary), Noel Lowndes (Science Secretary), Claire Connolly (Polite Literature and Antiquities Secretary) and Mary Doyle (Policy and International Relations Secretary). I would also like to thank my Vice-Presidents for their work in driving the Academy's strategic direction: Steven Bell (Vice-President for Research), Lorraine O'Driscoll (Vice-President for Equity, Diversity and Inclusion) and David Farrell (Vice-President for Sustainability and Engagement). I look forward to the new year and all the challenges and opportunities that it will bring.

Go raibh míle maith agaibh go léir.

Professor Pat Guiry

EXECUTIVE DIRECTOR'S FOREWORD

A chairde,

I am pleased to present the Annual Review for 2024, detailing the broad range of work taking place across the Royal Irish Academy. It has been a busy year for the Academy, and our commitment to championing excellence in research, fostering evidence-informed dialogue and celebrating Ireland's rich heritage has been steadfast. Through our diverse programme of activities, including scholarly publications, policy contributions and public engagement we continue to be a trusted voice for knowledge and a bridge between academia and society.

This year marked the launch of our Strategic Plan 2024–28, a dynamic and ambitious vision setting out the future direction of the Academy. Through collaboration, research and engagement, we are committed to fostering a knowledge-driven society that addresses key national and global challenges. Over the next four years we will seek to increase our influence as an independent voice and enhance our impact to realise the goals set out in the strategic plan. I want to thank all those who contributed valuable inputs and guidance to the development of the plan, including RIA members, staff, members of multidisciplinary committees and our external stakeholders.

In November, as part of World Digital Preservation Day, the Digital Repository of Ireland (DRI), which is hosted by the Royal Irish Academy, launched its strategic plan. Covering the term 2025–29 the DRI Strategic Plan will help us all to meet the anticipated growth in demand for digital preservation services from the research community and cultural heritage sector in Ireland over the next five years. The plan focuses on digital preservation; innovation and infrastructure; open access and research; education and engagement; and finally, membership and community.

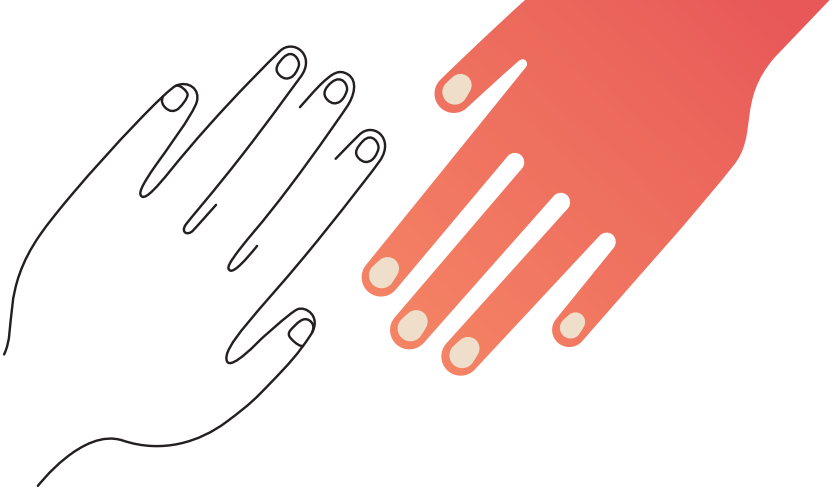
Continuing with the theme of strategic plans, the Young Academy Ireland (YAI) marked its first anniversary in May with the launch of its own plan, which outlines the YAI's vision and commitment to bolstering a vibrant and diverse research community. The plan identifies five 'grand challenges' that the YAI contends are key issues to tackle in supporting and enhancing the research and cultural landscape of the island of Ireland. In December, as part of the implementation of its strategic plan, the YAI hosted its first public townhall, delivering an engaging, interactive 90-minute session for early career researchers and innovators, their mentors and supervisors.

Throughout the year we have continued to build on the work already undertaken in relation to equity, diversity and inclusion in the YAI and in the RIA more broadly. We ensured that these key values played a significant role in our overall strategic plan and that their importance is reflected across the various work plans of the Academy. I am pleased to say that our work in this area was recognised in November, when the Irish Centre for Diversity awarded the Academy an Investors in Diversity Bronze accreditation.

I extend my sincere gratitude to all those who contributed to the Academy's work this year. The Academy relies upon the expertise and generosity of its members as well as those who serve on its various committees to realise our goals. I would also like to take this opportunity to extend thanks to all our staff who have worked tirelessly throughout the year, as well as to the President and the members of the Executive Committee and the Council for their valuable guidance and support. Your collective dedication and collaboration continue to drive our shared mission of shaping a brighter future through knowledge, understanding and engagement.

Siobhán O'Sullivan

Dr Siobhán O'Sullivan



PUBLIC ENGAGEMENT: ACCESS TO EXPERTS

Discourse Series

We invited a mix of esteemed national and international speakers to participate in the Academy's Discourse Series over the course of the year. The 2023–24 series of public talks explored a diverse range of topics including the fractal geometry of chaos, how Ulster Unionism is defined and the growth of the EU. We also featured three of our 2024–25 Discourses in a themed series on the influence of artificial intelligence (AI) on different aspects of our lives. We explored how AI impacts democracy, personalised medical care and engineering in terms of ethics and policy.

Timothy Palmer, Hon. MRIA, delivered the Discourse 'The Geometry of Chaos: From Climate Change to Foundations of Quantum Physics' on 7 February, with a response from Luke Drury MRIA.

On 18 April, Tommie Gorman (RTÉ News Northern Editor 2001–21) chaired the panel discussion 'Explaining Unionism', with speakers Linda Ervine MBE (founder and project leader of the Turas Irish language project), Philip Orr MRIA (independent scholar, playwright and public intellectual) and Glenn Patterson (Director of the Seamus Heaney Centre at Queen's University Belfast).

Mairead McGuinness (EU Commissioner 2020–24) and Olivia O'Leary MRIA delivered the Discourse 'The Future of the EU: Bigger and better?' on 23 May.

L-R Mairead McGuinneess (EU Commissioner 2020–24), Pat Guiry PRIA, Olivia O'Leary MRIA and Siobhán O'Sullivan at the Discourse 'The Future of the EU: Bigger and better?' on 23 May.

A packed Meeting Room for the Discourse 'Explaining Unionism', featuring a panel discussion with Linda Ervine MBE, Philip Orr MRIA and Glenn Patterson.

On 3 October, we hosted Tom Coughlin (President and CEO of the Institute of Electrical and Electronics Engineers) and Orla Feely MRIA (President of University College Dublin) for a compelling discussion on the Discourse 'AI and Engineering: Research, Resources, and Regulation.'

Professor Sarah Cunningham-Burley (Chair Nuffield Council on Bioethics) delivered the Discourse 'AI and Genomics: A Future of Personalised Medical Care?' on 26 November, with a response from Professor Gianpiero Cavalleri (Deputy Director of the SFI FutureNeuro Research Centre and Director of the Human Genetic Variation Research Group, Royal College of Surgeons, Ireland).

On 3 December, Gary Murphy MRIA, chaired a panel discussion titled 'From Algorithms to Political Polls: Is AI Redefining Democracy?' with speakers Mark Little (CEO and co-founder of Kinzen) and Sophie in 't Veld (Member of European Parliament, 2004–24).

Recordings of all the 2019–24 Discourse Series are available to watch on the RIA YouTube channel.

Members' Research Series

The Members' Research Series promotes our members' contributions to scholarship and highlights the contributions of science and the humanities and social sciences to our lives and society. In this blog series, members share insights about their research areas to raise awareness of their work and encourage collaboration within the broader academic community. The blogs are crafted to engage and inform non-specialist readers about recent developments in various fascinating fields.

Many thanks to all our contributors this year. Any members who wish to contribute to the series should contact communications@ria.ie.

Read the full series online here.

List of members who contributed in 2024:
William Schabas MRIA, Lawyer
Mary E. Daly MRIA, Historian
Samson Shatashvili MRIA, Theoretical and mathematical physicist
Dermot Moran MRIA, Philosopher
Jane Ohlmeyer MRIA, Historian
Fergus Shanahan MRIA, Clinician – Scientist
David Livingstone MRIA, Geographer and Historian
Luke O'Neill, MRIA, Biochemist and Immunologist
John Dillon MRIA, Classicist
Cormac Ó Gráda MRIA, Economic historian
Louis Cullen MRIA, Historian

Public Engagement

Throughout 2024 we ran an annual programme of public outreach and engagement events across the spectrum of our activities, including Culture Night, Heritage Week and Dublin Festival of History.

We share information about our various events through our public-facing newsletter, which is issued on a monthly basis.

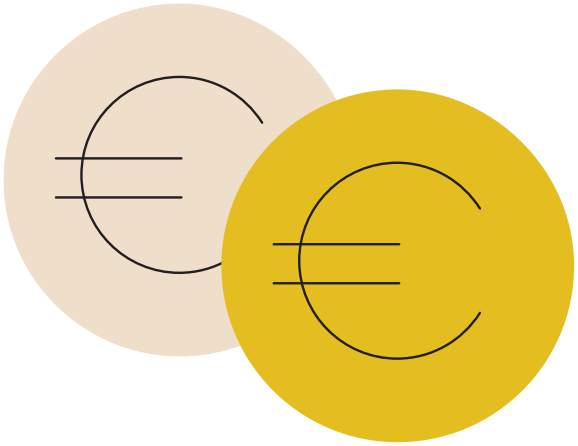
Our outreach and engagement events give members of the public an opportunity to learn more about our work, view our historic collections and visit the RIA Library Reading Room, Meeting Room, and Members and Council Rooms.

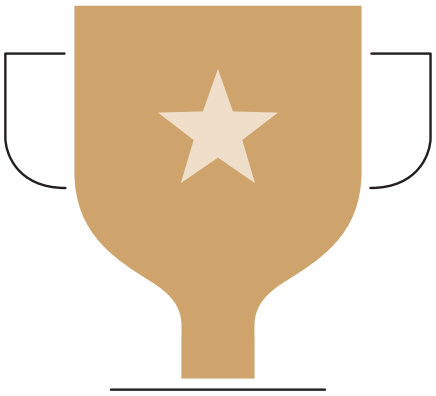
Nicolas Canny MRIA delivered the lecture 'Edmund Spenser's View of the Present State of Ireland (1596) Re-Appraised' as part of the Dublin Festival of History.

Research Day

Research Day, which took place on 19 November, showcased the work of the Academy's research programmes, library, grants and publications to the public through a diverse programme of lectures and demonstrations.

This year, Research Day offered insights into the use of national and international collaborations to shape policy, and explored how the blending of cutting-edge technology with established scholarship can transform the ways we preserve, understand and share Ireland's rich linguistic, historical and cultural heritage.





GRANTS AND AWARDS

Grants

Archaeology Research Excavation Grants
4 Grants / €50,474 Granted

Archaeology Research Grants
6 Grants / €28,473 Granted

Directed Research in World Heritage Sites
1 Grant / €4,797 Granted

Radiocarbon dates scheme
4 Grants

Archaeology Legacy Grants scheme
3 Grants / €85,479 Granted

Archaeological Archives Research Grants
1 Grant / €21,620 Granted

Charlemont Grants (overall)
15 Grants / €29,985 Granted

Charlemont Grants (Humanities and Social Sciences)
11 Grants / €19,995 Granted

Charlemont Grants (Sciences)
4 Grants / €9,990 Granted

Ireland-Scotland bilateral network grants
1 Grant / €14,995 (£12,500) Granted

Nowlan digitisation grants
3 Grants / €27,138 Granted

R.J. Hunter Digital Fellowship
1 Grant / €69,200 Granted

Commemorations Bursary scheme
14 Grants / €80,094 Granted

TOTAL
53 Grants / €412,255 Granted

R.J. Hunter Digital Fellowship

R.J. (Bob) Hunter was a highly respected historian of the Ulster Plantation, who spent the bulk of his academic career teaching at the University of Ulster. His varied research interests included the role of the English settler in the Ulster Plantation, the history of Ulster trade and migration from and to Britain and North America, the development of towns, and the cultural and intellectual history of Ulster from 1580 to 1660.

The R.J. Hunter Grants Scheme was established in 2014 using funding generously made available by his daughter, Ms Laura Hunter Houghton, through the Community Foundation for Northern Ireland.

To date the scheme has funded several postdoctoral fellowships, as well as small research bursaries, a review of R.J. Hunter documents at the Public Records Office of Northern Ireland, a publication event entitled 'The crossover book: writing research for the general public' and, most recently, the establishment of a Hunter Digital Fellowship.

The Fellowship is hosted by the Institute of Irish Studies, Queen's University Belfast and the Fellow is mentored by Professor Mary O'Dowd (QUB) and Professor Tom O'Connor (Maynooth University). Technical support for the online database is provided by the Centre for Digital Humanities at Maynooth University.

The project uses historical data relating to the English and Scottish men and women who settled in the six escheated counties of Ulster in the period *c.*1609–41. In the first phase, which was undertaken by Dr Richard Fitzpatrick (QUB), the database, which you can see here, incorporated some of the key sources for the study of the Ulster plantation: grants of forfeited land, military muster lists, surviving court records and the secondary literature on the plantation.

Dr Robin Usher, the new R.J. Hunter Digital Fellow

This year the second phase of this Digital Fellowship was announced, and Dr Robin Usher (Trinity College Dublin) was appointed to the 18-month postdoctoral position. Dr Usher is a historian of British and Irish architecture, landscapes and urban society in the period 1580–1690, with notable experience in collaborative research, including as part of a major digital humanities project. Upon his appointment Dr Usher stated that:

> 'Forthcoming data, gathered from plantation surveys, legal records, wills and testaments, maps, the Ulster port books, the 1641 depositions, and, of course, the invaluable research notes of Robert J. Hunter, promises fresh insights into the worlds of various non-elite settlers, including the class of skilled labourers and artificers who cultivated the land and constructed the residences on some 180 estates spread across the plantation counties. The platform may also showcase new information about women's cultural and economic roles, such as household and estate management and the acquisition of goods. These are just some of the possibilities.
>
> The project should interest scholars focusing on the history of migration in these islands, as well as those concerned with British colonisation in North America or settlements in other parts of the globe. For many other users, it will offer a powerful tool for genealogical research and community heritage, empowering them to understand their own historical roots more deeply.'

Gold Medals

The Royal Irish Academy Gold Medals recognise and foster excellence in research that advances the public good, both nationally and internationally. The awards showcase the exceptional research taking place in higher education in Ireland that impacts our lives, benefits society and inspires future generations of researchers. Since 2005, 34 Gold Medals have been awarded.

On 29 February, the 2024 RIA Gold Medals were presented to Máire O'Neill MRIA in the field of Engineering Sciences and to Brigid Laffan MRIA in the field of Social Sciences at a ceremony in the Academy. The ceremony was hosted by Professor Pat Guiry, President of the RIA, and the medals were presented by Colm O'Reardon, Secretary General of the Department of Further and Higher Education, Research, Innovation and Science. The 2024 RIA Gold Medals were kindly sponsored by AIB.

In accepting her medal, Brigid Laffan MRIA said:

> 'I am truly honoured to receive the Academy Gold Medal and humbled by the recognition of my fellow scholars and colleagues. I regard the life of a university professor with its combination of education and research as a privilege. My research on that distinctive polity, the European Union, has focused my attention on the many tensions that run through contemporary politics and political economy.'

Máire O'Neill MRIA accepted her award stating:

> 'I am absolutely delighted to be awarded the 2024 Royal Irish Academy Gold Medal in the Engineering Sciences and to have my work and that of my team at Centre for Secure Information Technologies recognised at this level. Cyber security is more important than ever in our digital world and in all our daily lives. The research that we do at Queen's University Belfast is vital in addressing the security needs of embedded devices and Information and Computer Technology systems.'

Watch the 2024 Gold Medal Ceremony here.

Máire O'Neill MRIA, 2024 Gold Medallist in the Engineering Sciences and Brigid Laffan MRIA, 2024 RIA Gold Medallist in the Social Sciences.

Hamilton Day

Hamilton Day commemorates a ground-breaking discovery by one of Ireland's most famous scientists. On 16 October 1843, William Rowan Hamilton discovered quaternion algebra while walking along the Royal Canal from Dunsink Observatory to the Royal Irish Academy (RIA). He was so excited by his discovery that he scratched his equation on the wall of Broome Bridge, Cabra.

The RIA celebrates Hamilton Day by awarding the prestigious Hamilton Prize to the most gifted third level mathematics students in Ireland and by hosting the Hamilton Lecture, which is delivered by an internationally renowned speaker. The RIA Hamilton Prize and Hamilton Day activities are generously sponsored by Ibec.

Professor Pat Guiry (President Royal Irish Academy) presenting Hamilton Speaker, Professor Laura DeMarco, with the commemorative Hamilton Coin at the 2024 Hamilton Lecture. Also pictured on the right is Professor Sinéad Ryan, Trinity College Dublin (Lecture Chair).

Hamilton Day 2024

The Academy was delighted to welcome Harvard University Professor of Mathematics, Laura DeMarco, as the speaker for the 2024 Hamilton Lecture, which took place on 16 October 2024.

Professor DeMarco also facilitated a masterclass with the nine undergraduate winners of the Hamilton Prize for mathematics. This masterclass was kindly hosted by Ibec.

The prize ceremony took place in the Academy and was attended by family and friends of the recipients, as well as representatives from their university departments and members of the mathematics community in Ireland. The 2024 Hamilton prize winners were:

- Daniel Cooper, Dublin City University
- Oisín Davey, Maynooth University
- Mateusz Mroczkowski, Technological University Dublin
- Brian O'Callaghan, Trinity College Dublin
- Kai Lian, Queen's University Belfast
- Laura Cosgrave, University College Cork
- Jack Sherry, University College Dublin
- Dara Colleran, University of Galway
- Samual Den Dikken, University of Limerick

The Hamilton Prize ceremony was followed by Professor DeMarco's Hamilton Lecture, titled 'The geometry and algebra of the Mandelbrot set.' The sold-out lecture explored how the Mandelbrot set provides insight into research in areas as varied as geometry, dynamics and arithmetic. Following her talk Professor DeMarco was presented with a Hamilton Coin, a limited edition €10 coin launched by the Central Bank of Ireland in 2005 to mark the 200th anniversary of the birth of William Rowan Hamilton.

Kathleen Lonsdale Chemistry Prize

The Kathleen Lonsdale RIA Chemistry Prize is awarded each year for outstanding doctoral research in the chemical sciences carried out on the island of Ireland. The award is named in honour of the famous Irish X-ray crystallographer, Kathleen Lonsdale, who was born on 28 January 1903. Since 2017 the award has been sponsored by Henkel. The RIA works each year with the expert members of the Physical, Chemistry and Mathematical Committee to select a winner based on the most outstanding Irish PhD thesis in the general area of the chemical sciences.

The 2024 Kathleen Lonsdale Chemistry Prize was award to Dr Billy McCarthy for his PhD research addressing the presence of chlorate in dairy products. Dr McCarthy, a recent PhD graduate of Technological University Dublin, was awarded the prestigious prize at a ceremony in the Academy on 18 June. The ceremony was officiated by Professor Pat Guiry, President of the Royal Irish Academy, and the judges' remarks were presented by Dr Niamh O'Boyle, Associate Professor in Pharmaceutical Chemistry at Trinity College Dublin, who highlighted the high standard and diversity of this year's applications, and commended Dr McCarthy on his innovative research:

> 'Dr McCarthy succeeded in developing an industrially feasible approach to chlorate removal from milk and in doing so he has tackled a significant food safety challenge faced by the dairy industry… He has published five peer-reviewed articles as lead author, which, together with 11 conference presentations delivered as a result of his PhD thesis, clearly show that he has gone above and beyond in both his research and his desire to disseminate it.'

Chlorate is a contaminant that can find its way into dairy products through chlorinated water and products used during the cleaning of processing equipment. Due to its adverse health effects the presence of chlorate in dairy products is strictly regulated. Dr Billy McCarthy's winning PhD thesis, 'Understanding the entry, partition, and fate of chlorates in dairy processes,' proposed a novel solution for chlorate removal from milk using membrane filtration, the application of which is likely to have a major impact within the Irish dairy industry.

The prize, includes an award of €2,000. Dr McCarthy was also nominated by the Physical, Chemical and Mathematical Sciences Committee to compete amongst the top young chemists in the world in the IUPAC-SOLVAY International Award for Young Chemists.

Dr Billy McCarthy was awarded the 2024 Kathleen Lonsdale RIA Chemistry Prize.

Michel Déon Prize

On the evening of 23 October at a ceremony in the Royal Irish Academy, Vona Groarke was announced as the winner of the 2024 Michel Déon Prize for non-fiction for her book *Hereafter: The Telling Life of Ellen O'Hara*, published by New York University Press. The prize was presented by President of the Royal Irish Academy, Professor Pat Guiry and Ruaidhri Dowling from the Department of Foreign Affairs. The ceremony was attended by the newly appointed French ambassador to Ireland, H.E. Céline Place, and featured a video address by the Perpetual Secretary of the Académie française, M. Amin Maalouf. The address was followed by a conversation between the winner of the 2023 Académie française Michel Déon Prize, Pierre Adrian, and Professor Clíona Ní Ríordáin of the University of Notre Dame.

Professor Hastings Donnan, Chair of the RIA Michel Déon judging panel, said:

> '*Hereafter* is a rich and gripping mix of poetry, prose and archival material that evokes the ineffable, recovers lost histories and gives context to shadowy figures. Finding the life and humanity of her heroine Ellen O'Hara hidden in the corners of census returns, newspaper cuttings and passenger lists, Vona Groarke has written a truly powerful, enchanting and singular account that illuminates the lives of Irish women migrants. Honourable mention should be given to all the shortlisted authors whose quality of writing, originality and contribution to public debate captivated the judging panel.'

Tánaiste and Minister for Foreign Affairs, Micheál Martin, said:

> 'I am delighted that the Department of Foreign Affairs supports the RIA Michel Déon Prize for non-fiction, which recognises outstanding literary talent on the island of Ireland. The Franco-Irish relationship is one based on a strong cultural and artistic affinity, and the co-awarding of this prize, by our two national academies in the Royal Irish Academy and the Académie française, represents and exemplifies the deep bonds between our two nations.'

H.E Céline Place, Ambassador of France to Ireland, said:

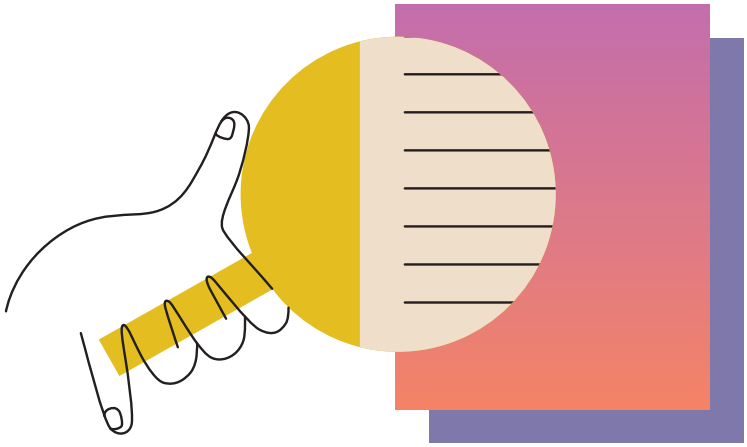
> 'This prestigious award honours the legacy of Michel Déon, one of France's leading authors of the 20th century. Michel Déon made Ireland his home for 40 years, where he found the inspiration for much of his work as a writer. This prize is yet another living example of the many Franco-Irish connections when it comes to books and reading. *Vive l'amitié franco-irlandaise et vive la littérature!*'

Acknowledging the calibre of the shortlisted titled, Professor Guiry said:

> 'We were thrilled by the outstanding quality of submissions for the 2024 Michel Déon Prize and believe that Vona is a deserving winner through her telling of a difficult period in history in such a unique and beautiful manner. I also want to recognise and congratulate the other shortlisted authors, whose remarkable work set the bar incredibly high and made selecting the winner a difficult task for our eminent judging panel.'

The €10,000 prize for the winning author is funded by the Department of Foreign Affairs. The prize is awarded in France every second year by the Académie française and Vona will also have the opportunity to deliver 'The Michel Déon Lecture' in France in 2025.

L-R, Pat Guiry, PRIA, H.E Céline Place, Ambassador of France to Ireland, Vona Groarke and Mr Ruaidhri Dowling, Director of EU Strategy, Department of Foreign Affairs.



RESEARCH PROGRAMMES

Analysing and Researching Ireland North and South (ARINS)

ARINS brings together experts to provide evidence-based research and analysis on the most significant questions of policy and public debate facing the island of Ireland, north and south. All of the research is accessible at Arinsproject.com. There are now over 120 ARINS authors who have contributed to research articles, all published in Irish Studies in International Affairs and accompanied by a podcast series presented by Rory Montgomery MRIA. New authors are always welcomed.

Sam McBride and Fintan O'Toole have been commissioned by ARINS to write a book *For and against Irish unification*, which seeks to offer a non-partisan and practical account of the arguments for and against unifying the island.

The ARINS research shows that housing, health, peace, education and making the island work more effectively remain as core priorities for voters and the project intends to strengthen its research in these areas in the coming years.

Work has just commenced on a research project titled 'Constitutional visions from the grass-roots – towards a deliberative ecology beyond group division', led by Joanne McEvoy, Shelley Deane and Jennifer Todd, taking its place alongside Deirdre Heenan and Mark Lawler's project on co-operating on cancer care.

All major political parties on the island were briefed this year on the work of ARINS with a particular focus on the outcomes of the survey led by Brendan O'Leary, Jamie Pow and John Garry and the opinion poll committee.

ARINS 'Northerners not welcome' speakers.
L-R: Mark Hennessy, Karyn Harty, Una O'Neill and Mal O'Hara.

As reported in *The Irish Times*, there is no current evidence that the Belfast Agreement's threshold is met: evidence to persuade the British Secretary of State for Northern Ireland that a referendum on unity in the North is likely to pass. Over the two surveys, half of those in the North say they would vote to maintain the union with Britain; 30 per cent favour unity with the Republic in this year's survey, up from 27 per cent last year, 15 per cent don't know how they would vote, and 5 per cent say they would not vote.

The Oireachtas Joint Committee on the Implementation of the Good Friday Agreement at the Oireachtas invited ARINS Advisory Group members John Doyle and John Fitzgerald to talk about the level of subvention that might be needed if Ireland were to unify. The 'Future of Cross-Border Co-operation in the Arts' report recommendations have been picked up by Sinn Féin in their document 'Cothú', which lists ten recommendations for the Arts. Northern Ireland media have discussed the ARINS research on TV and radio.

The advisory group overseeing the ARINS project recommended increasing attention to questions of identity and understanding. The 'Britishness and Irishness' series was established in collaboration with Queens University Belfast; this year, Louise Richardson, President of the Carnegie Corporation of New York, and Judith Gillespie, a retired senior PSNI officer, participated. A new series called 'My Identity', chaired by Colin Graham, saw football coach Pat Fenlon and *Belfast Telegraph* editor Ben Lowry amongst other guests discuss aspects of their identities.

The advisory group met in Dublin in October to review progress and to identify new areas of research for the project.

The ARINS research programme's founding partners are the Royal Irish Academy and the Keough-Naughton Institute for Irish Studies at the University of Notre Dame's Keough School of Global Affairs.

www.arinsproject.com

Dictionary of Irish Biography

'… the RIA's Dictionary of Irish Biography is an epoch-making event in the history of Irish scholarship. It changes the state of knowledge in the twenty-first century as decidedly as the Ordnance Survey did in the nineteenth …'
– Seamus Heaney, 2009

The Dictionary of Irish Biography (DIB) is Ireland's national biographical dictionary, freely available in an open access database (www.dib.ie). It tells the island's life story through the biographies of men and women born in Ireland, north and south, who came to prominence either at home or overseas, and the noteworthy Irish careers of those born outside Ireland. Featuring scholarly biographies encompassing every sphere of human activity, from the earliest recorded history to the twenty-first century, the DIB is an indispensable work of reference for scholars, students, journalists, broadcasters, genealogists, diplomats and the general reader interested in Ireland's past, or in the art of biography and life writing. First published in both hard copy and online in 2009 and updated twice yearly, the DIB's online corpus now features nearly 11,000 lives.

New lives
Two substantial updates to the DIB were published in April and October, featuring 66 biographical entries. Seven were substantial revisions of previously published entries, updated to take account of recent scholarship. Our 2024 entries cover some immediately recognisable names, including Martin McGuinness, Desmond Connell, Mary Mulvihill and Gillian Bowler. Entries on P.J. Mara and George Redmond offer fresh insights into two of the most colourful figures in recent Irish political history. Leland Bardwell, Noelle Middleton, Frank Kelly and Eileen Barnes are just four of the entries drawn from the arts.

Continuing our efforts to improve the representation of women in our corpus, our October release saw a focus on women in STEM (science, technology, engineering, mathematics).

Mary Ward was one of the first people to make observations using the Leviathan telescope at Birr Castle and was renowned for her illustrations of her microscopical examinations; Helen Megaw was a pioneer in the field of crystallography during the mid-twentieth century; particle physicist Anne Kernan was one of the leading researchers in her field and contributed to the discovery of the W and Z bosons at CERN in Switzerland; and scientist and educationalist Caroline Hussey oversaw reforms of admissions at University College Dublin to encourage greater participation from all socio-economic classes. Alongside the entries researched and written by the DIB team, we were also pleased to publish contributions from external contributors, to whom we are very grateful for giving us their time and expertise.

Blog series
Our monthly blog series draws on the riches of the DIB, highlighting some of lesser-known people and quirkier incidents contained within our many entries. Recent posts have covered the controversial Harvard Irish Mission in the 1930s, Irish men and women of the second world war resistance, and the importance of McDaid's pub to the literary scene in mid-twentieth-century Dublin.

Research collaborations and outreach
In addition to our ongoing research partnerships with various digital humanities programmes, including Ainm.ie and the Virtual Record Treasury of Ireland, in 2024 we were pleased to join the Research Group in Biography and Life-Writing, based at Dublin City University.

A new face
We were delighted to welcome Dr Angela Byrne as a member of the DIB team in March 2024.

www.dib.ie

Clockwise from top left: Kate McCarthy, Noelle Middleton, Dick Burke, Martin McGuinness, Mary Ward, and Desmond Connell. Copyright: Catherine Fleming; RTÉ Archives; Sinn Féin, CC BY 2.0, via Wikimedia Commons; Public Domain via Wikimedia Commons. All rights reserved.

Dictionary of Medieval Latin from Celtic Sources

The primary publication of the Dictionary of Medieval Latin from Celtic Sources (DMLCS) research programme comprises the constituent volumes of the dictionary along with its electronic database of texts. Ancillary publications are issued as well; these include bibliographies and editions of Celtic-Latin texts. Between the appearance of such central publications, public papers and academic conferences provide opportunities for outreach by means of lectures and the additional interpretative publications that derive from them. These present insights and findings regarding individual words and also look into patterns of relationships between them. Work now in press for peer-reviewed publications includes three distinctively different digital analyses of aspects of Celtic-Latin vocabulary.

Anthony Harvey presents the first overview of Manx Latin as such. Though its corpus is small—only a handful of ecclesiastical documents survive—its vocabulary includes a base of mainstream vocabulary along with new coinages from within Latin and Greek, and unique items, such as the repurposing of falcator, elsewhere 'a reaper', to mean 'a maker of blades'; and, borrowed from the vernacular, a legalism, gilbogus, 'a child of tender age'. The analysis demonstrates that shared features in the texts suggest a distinctive, consistent and self-sufficient tradition of Latin in Mann with continuity over time.

Joseph Flahive's 'Mediaeval French Influence on Celtic-Latin Vocabulary', uses DMLCS's digital tools to study words in the DMLCS lexicon where French comparanda have been cited in the etymologies. From late antiquity into the eleventh century, these words tended to reflect broad Romance developments. Conchubranus used the verb conplangere, 'to complain', widely attested in European Latin since the ninth century; although a straightforward compound of a Classical verb and prefix, it in fact upgrades a vernacular form that survives in French as *se complaindre*, Italian *compiangere*. An item in a Brythonic glossary, fornilium, is defined as *munutolau*, 'kindling'. That this is in fact the only example of a Vulgar Latin/proto-Romance word rather than back-formation from Late-Latin *fornale*, 'oven', is demonstrated by later-attested derivatives: French *fournilles*, Spanish *hornija*. Later words tended to reflect specifically French concepts, particularly legalisms such as saisina (French *saisin(e)*), 'legal possession of land in freehold', or the names of feudal offices or taxes such as talliagium and passagium. A handful of elite normanised authors, especially Gerald of Wales, accounted for a large proportion of vocabulary, particularly the names of animals, fish and birds.

Dr Flahive also investigates 'The Celtic-Latin Medical Vocabulary', finding that Latin was probably not a major language of medical instruction in early medieval Celtic countries, nor were Antique authors on medicine read widely; Eriugena, who enjoyed access to the Frankish royal and cathedral libraries, is a notable exception. Nevertheless, Latin medical terminology was transmitted—miraculous cures in hagiography provided at least one demonstrable route. Authors also made coinages from within the resources of the Latin language, such as annexitas, '(the state of) being bound up' with the specialised meaning 'constipation'; but, whatever the gaps in their vocabulary, they did not latinise Celtic vernacular terms or resort to imprecise language.

Scholarship can be a gift in more ways than one; in recent years the academic custom of marking retirements or significant birthdays of scholars with Festschriften has flourished, and DMLCS regularly provides contributions. Members of the DMLCS staff have provided three such contributions. One focusses on analysis of the singularly conservative latinity of a twelfth-century Irish expat; two more explore correspondences and interrelationships between words in Latin and medieval Irish.

Some recent DMLCS Interpretative publications.

Digital Repository of Ireland

Digital Repository of Ireland: Leaders in digital preservation, discovery and access

The Digital Repository of Ireland (DRI) provides a unique service as the only organisation in Ireland with an exclusive digital preservation remit. Digital content is fragile, erasable and at the risk of being lost without digital preservation, a process that is described as the 'active management of digital content over time to ensure its ongoing access' (Library of Congress). We help to safeguard Ireland's digital legacy by providing stewardship of digitised and born-digital humanities and social sciences research outputs and cultural heritage data in the DRI repository for long-term discovery and access.

Throughout 2024, we developed our organisational strategy so that we can outline our vision for the future, set organisational goals and ensure that we have the resources in place to meet the growing digital preservation needs of the Irish higher education and cultural heritage sectors that we serve.

Our work for the next five years will focus on:

- Nurturing digital preservation at a national level, sharing our expertise (technical, professional and curatorial) and supporting the cultural heritage, humanities and social sciences domains
- Undertaking the digital preservation of the collections deposited by our members and research data entrusted to us by humanities and social science researchers and culture and heritage practitioners
- Developing policies and best practices through collaboration with the global digital preservation and research data communities, an international network of organisations and e-infrastructures in the fields of digital preservation, digital humanities, social sciences and data management

This work will be carried out in DRI's priority areas of digital preservation; innovation and infrastructure; education and engagement; open access and research; and membership and community

We anticipate that there will be significant growth in demand for digital preservation services in the next five years. We also recognise that our work—digital preservation, open research, and repositories—is constantly evolving. Standards for findable, accessible, interoperable and reusable (FAIR) data, for instance, are continually evolving to meet the needs of researchers and systems. We expect to see more collection and research data reuse and a greater need for researchers to think about preservation and access for a wider range of research outputs. As such, our strategy seeks to balance supporting our current community and infrastructure while building capacity to meet future needs and challenges.

We have already taken steps throughout 2024 to better support the digital preservation and research data management needs of the Irish research community by extending our services and launching a timely and ambitious 'Legacy Research Data Preservation Pilot' in collaboration with Sonraí, the Irish Data Stewardship Network. The aim of this exciting initiative is to support researchers in preserving their legacy research data—such as research project websites, digitised texts, recordings and photographs—so that this valuable material can be discovered, accessed and reused. The pilot programme provides individual researchers with an alternative route to that of DRI's paid membership model, so that they can deposit their research data at no financial cost to the researcher in DRI's CoreTrustSeal-certified trustworthy digital repository and benefit from free specialised research data management and collection creation training. The expansion of DRI's services through the pilot programme and the launch of our strategic plan are part of DRI's commitment to constantly improving and adapting our services in response to the needs of our communities. Our aim is to ensure that Ireland's social, cultural and historical record can be accessed now and in the future.

www.dri.ie

Digital Repository of Ireland (DRI) staff members at the launch of the DRI Strategic Plan 2025–2029 at the Royal Irish Academy, World Digital Preservation Day, 7 Nov 2024.

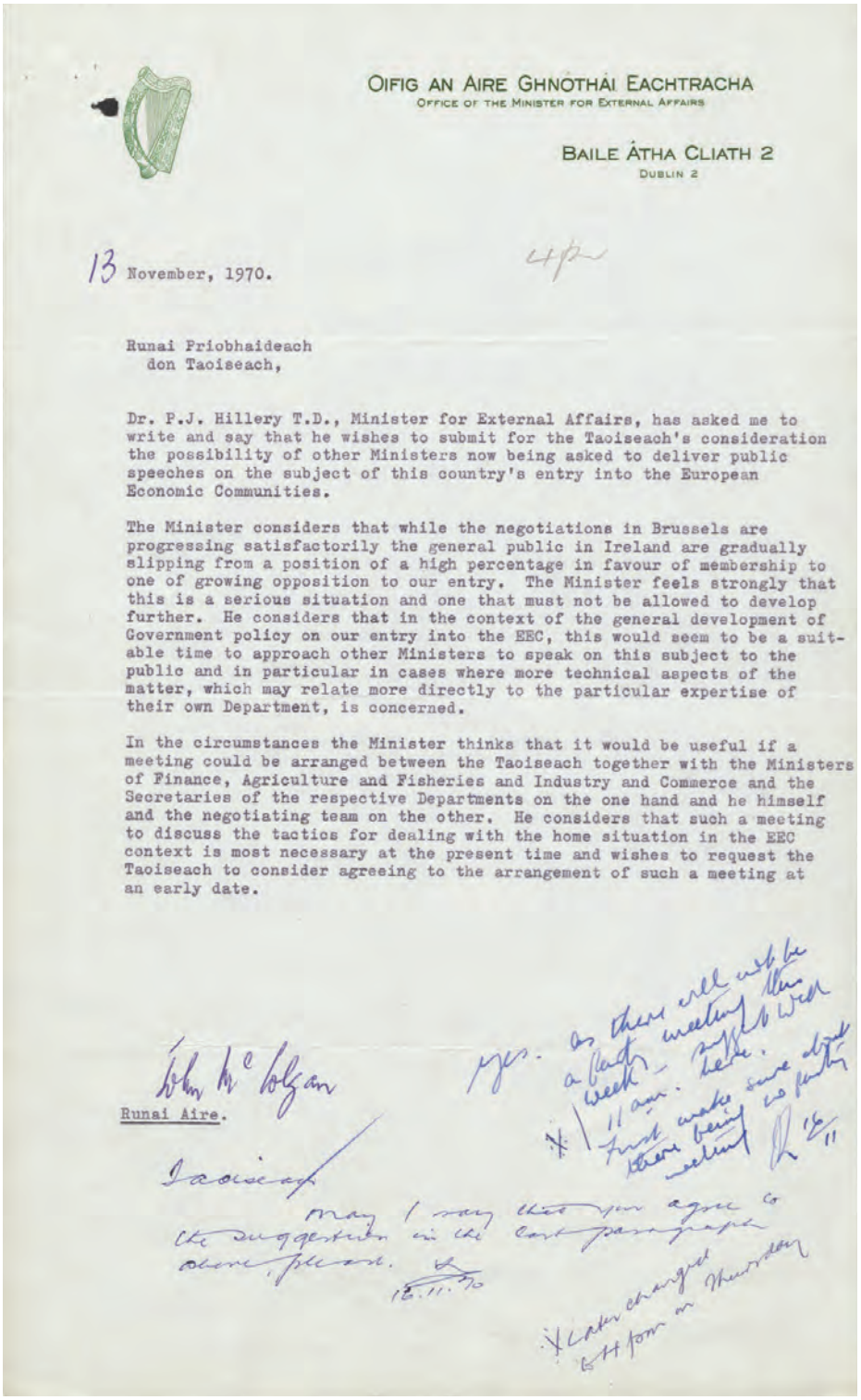
Documents on Irish Foreign Policy

Documents on Irish Foreign Policy (DIFP) is a partnership programme of the RIA, the National Archives and the Department of Foreign Affairs. DIFP publishes archival material on Irish foreign relations from 1919 onwards, taken, in the main, from the collections of the Department of Foreign Affairs and the Department of the Taoiseach held in the National Archives, where DIFP is physically based. Since 1998 the programme has published substantial edited editions of archival material every two years, in chronological sequence. The first volume, covering the period 1919–22, was published in 1998, and the fourteenth instalment in the series, covering the years 1969–73, was published in 2024.

Each DIFP volume operates to a two-year research and production schedule. The first year is dedicated to an extensive trawl through the relevant archival collections, to identify documents that are worth publishing. The second year is devoted to the selection and editing of the documents and the overall production of the volume. The key task of DIFP in 2024 has been the latter process, with DIFP XIV officially being the largest volume in the series to date.

DIFP XIV is an essential collection of source material on the outbreak and early years of the Troubles in Northern Ireland, laying out in comprehensive detail and using many never previously published documents, the response of Jack Lynch's Fianna Fáil government to events in Northern Ireland from 1969 to 1973, including the outbreak of the Troubles in Derry and Belfast in August 1969, Bloody Sunday in 1972 and the subsequent suspension of the Stormont Parliament. It shows how Dublin came to develop a new approach to Northern Ireland as the search for peace in Northern Ireland came to dominate British-Irish relations (always a key theme in the series). The selection of documents, as always, is intended to illuminate how decisions were reached while also providing a window into key events from an Irish perspective, with many documents offering an eyewitness perspective to events 'on the ground' in Northern Ireland and elsewhere.

While the Troubles are the dominant theme in DIFP XIV, the volume also covers in detail Ireland's EEC accession negotiations and entry into the Common Market in 1973; Ireland's policy at the United Nations General Assembly; Dublin's response to the ending of the Biafran War; relations with the Nixon administration in the United States and Ireland's first steps in opening diplomatic relations with the Soviet Union and Japan. The size of DIFP XIV also points towards the proliferation of archival material that the programme will have to examine as it moves further into the 1970s. The increasing scale of the tasks ahead is also shown by the expansion of DIFP from three full-time members of the staff to four in 2024, with Dr Melissa Baird (previously based at the Linen Hall Library, Belfast) joining DIFP as Assistant Editor.



OIFIG AN AIRE GHNÓTHAÍ EACHTRACHA
OFFICE OF THE MINISTER FOR EXTERNAL AFFAIRS

BAILE ÁTHA CLIATH 2
DUBLIN 2

13 November, 1970.

Runai Priobhaideach
don Taoiseach,

Dr. P.J. Hillery T.D., Minister for External Affairs, has asked me to write and say that he wishes to submit for the Taoiseach's consideration the possibility of other Ministers now being asked to deliver public speeches on the subject of this country's entry into the European Economic Communities.

The Minister considers that while the negotiations in Brussels are progressing satisfactorily the general public in Ireland are gradually slipping from a position of a high percentage in favour of membership to one of growing opposition to our entry. The Minister feels strongly that this is a serious situation and one that must not be allowed to develop further. He considers that in the context of the general development of Government policy on our entry into the EEC, this would seem to be a suitable time to approach other Ministers to speak on this subject to the public and in particular in cases where more technical aspects of the matter, which may relate more directly to the particular expertise of their own Department, is concerned.

In the circumstances the Minister thinks that it would be useful if a meeting could be arranged between the Taoiseach together with the Ministers of Finance, Agriculture and Fisheries and Industry and Commerce and the Secretaries of the respective Departments on the one hand and he himself and the negotiating team on the other. He considers that such a meeting to discuss the tactics for dealing with the home situation in the EEC context is most necessary at the present time and wishes to request the Taoiseach to consider agreeing to the arrangement of such a meeting at an early date.

John McColgan
Runai Aire.

Letter from John McColgan of the Department of External (later Foreign) Affairs to Hubert J. Dowd, Private Secretary to Taoiseach Jack Lynch, 13 November 1970, as published in DIFP XIV (NA 2001/6/478. Reproduced by kind permission of the Director of the National Archives).

Foclóir Stairiúil na Gaeilge

2024 saw the Foclóir Stairiúil na Gaeilge team achieve several significant objectives. Longterm, pioneering digitisation work on Irish texts came to an end, leading to the assembly of a digital corpus for the Irish language of the period 1600 to the modern day, comprising over 90 million words. This digital corpus is the necessary foundation from which lexicographical data and evidence for our historical dictionary will be extracted. This year some gaps in the corpus were addressed, ensuring it is a comprehensive record; with a focus on 20th-century periodicals two notable additions were Comhar and Béaloideas. The completion of the corpus is a milestone in the Dictionary's development, and it marks the realisation of a five-year plan. In late 2024, the Government announced the provision of funding for a further, ambitious programme of work for the period 2025–2029; this plan will see the publication of the first historical dictionary entries, as well as the public release of the entire historical corpus with open access, and the assembly of a sub-corpus for modern Irish spoken dialects, enabling digital access to our ongoing work and facilitating research and teaching in Irish language and linguistics. The development of Foclóir Stairiúil na Gaeilge is a stated aim of the Government's 20-Year Strategy for the Irish Language 2010–2030.

Pat Guiry PRIA, Minister for Community and Rural Development and the Gaeltacht, Dara Calleary TD, Siobhán O'Sullivan, Executive Director, RIA and Dr Charles Dillon, Editor, Foclóir Stairiúil na Gaeilge.

Grangegorman Histories

Grangegorman Histories invited proposals for projects to explore and share any element of the history of Grangegorman. Five successful awardees were commissioned in 2024 to develop their work through research and creative endeavours throughout the year.

Lecturer and researcher Damon Berry is designing smart posts around the Grangegorman campus using QR codes, which will serve as a multimedia resource telling the story of Grangegorman.

Artist photographer Brian Cregan will explore Grangegorman's social history and architectural heritage through an archive of photographs that capture transformational moments of the Grangegorman area.

Writer Sylvia Cullen will write and produce a trilogy of short stories for a podcast entitled 'Flighty Creatures', inspired by women who dwelt within the buildings of Grangegorman.

Poet Lianne O'Hara will write a series of new poems documenting the lives and experiences of patients and staff of Grangegorman Mental Health Hospital using archival material and interviews.

Researchers and writers Dianne Snowden and Joan Kavanagh are exploring a database of the 3,200 convict women and their children who were housed in Grangegorman Female Convict Depot from 1840–53 and will create a detailed written study of these women.

Over the course of the year, each of the awardees developed lectures, workshops and events that shed new light on the eventful history of the Grangegorman site and surrounding areas. Each of these projects will launch early in 2025.

Grangegorman Histories is a public history project of Dublin City Council, Grangegorman Development Agency, Health Service Executive, Local Communities, National Archives of Ireland, Royal Irish Academy and TU Dublin. The project aims to uncover, catalogue and commemorate the histories of the Grangegorman area.

Grangegorman Histories Five Public Call Awardees Announced.

Irish Historic Towns Atlas

The Irish Historic Towns Atlas (IHTA) traces urban growth and change through its print and online publications, covering towns and cities across Ireland, north and south.

The IHTA reached a significant milestone this year with the publication of Cork city. A major addition as no. 31 in the series, *Cork/Corcaigh* by H.B. Clarke and Máire Ní Laoi was published by the RIA in association with Cork City Council in May. It marks the culmination of over a decade of research by the authors and four years of mapping, editing and production by the atlas team. The standard large, loose format intended to aid comparative work was slightly adapted to cater for the volume of contents for *Cork/Corcaigh*—the outer folder contains an unprecedented 204-page booklet and 40 loose sheets of visual material including several folded pages. One reason for the magnitude of the Cork publication is that the city's topographical history is recorded from its monastic origins in the seventh century right up to modern times, unlike Belfast and Dublin whose atlases are in part form. Over 13,000 urban sites are presented in the topographical gazetteer for Cork, each giving a fully referenced abbreviated history and arranged thematically. Over 6,000 of those sites have locations and have been mapped in the *Digital Atlas of Cork/Corcaigh*, an open access interactive GIS-based resource released in 2023 with the support of the Heritage Council Stewardship Fund.

IHTA *Cork/Corcaigh* was officially launched by Lord Mayor, Councillor Kieran McCarthy, in Cork City Hall in May. An associated seminar 'Marshland to metropolitan city: exploring Cork through the Irish Historic Towns Atlas' was held in Lapp's Quay, Cork. Speakers focused on recent research and new collections as presented in the atlas from various perspectives such as archaeology, art history and built heritage. Cork-based activities continued for Heritage Week; author Howard Clarke MRIA gave a lecture 'From Finnbarr to Beauford: the making of Cork city' in Cork City Library. Lord Mayor, Councillor Dan Boyle, welcomed both the printed and digital aspects of the overall IHTA *Cork/Corcaigh* project, including its availability via the Digital Repository of Ireland, at an event in the RIA on 21 November, where Howard Clarke also presented his highlights from the research.

With Cork completed, attention turned northwards to Ballyshannon, Co. Donegal, which will be published next in the series with support from Donegal County Council. Atlas team members enjoyed a field trip to Ballyshannon in July and author Dr Angela Byrne was involved in a number of well-attended Heritage Week events in the town in August. In Dublin, Dr Ruth McManus advanced work on Drumcondra as part of the Suburbs series (supported by Dublin City Council). Dublin city and suburbs was the subject of two 'Behind the maps' workshops held as part of the Dublin Festival of History in the RIA in October.

Further afield, Jennifer Moore brought the IHTA to the Milwaukee Irish Festival in August, where she delivered a programme of talks to an enthusiastic crowd. In September, Sarah Gearty participated in the International Commission for the History of Towns annual conference in Matera, Italy, and with Dr Rachel Murphy compared Irish and Polish methodologies for a paper in Toruń, Poland in October.

Alongside activities, the year was also one of loss for the IHTA as editor Raymond Gillespie MRIA died in February. Professor Gillespie, Maynooth University, served on the IHTA editorial board from 1994–2024.

Launch of IHTA, no. 31, *Cork/Corcaigh* in Cork City Hall, 14 May 2024. L to R – Jonathan Wright, Jennifer Moore, Siobhán O'Sullivan, Ciara Brett, Kieran McCarthy, Howard Clarke, Máire Ní Laoi, Pat Guiry, Ruth McManus, Sarah Gearty and Michael Potterton.

National Open Research Forum

Ireland's national persistent identifier (PID) roadmap and strategy

Ireland's National Open Research Forum (NORF) was established in 2017 to guide and progress open research in Ireland and has developed national objectives and priorities for this key policy agenda, most recently through the *National Action Plan* for Open Research 2022–2030, published and delivered under *Impact 2030: Ireland's Research and Innovation Strategy*.

Included in the *National Action Plan for Open Research* are actions to invest in national persistent identifier (PID) infrastructure via the continued support of the Irish Open Researcher and Contributor Identifier (ORCID) consortium and the development of a roadmap, in line with international best practice, to boost the adoption of PIDs. PIDs are a cornerstone of a modern, digital research system. They uniquely identify entities involved in research, such as grant awards, researchers, instruments, datasets or publications, and enable structured information about those entities to be shared.

Throughout 2024, NORF led an ambitious programme of work to progress these actions in collaboration with scholarly communications consultants, MoreBrains Cooperative. A taskforce of key stakeholder representatives appointed by and chaired by NORF oversaw this work.

The approach to developing the Irish PID roadmap has been an inclusive process focusing on thorough stakeholder and community consultations and all recommendations are evidence based. Project activities included:

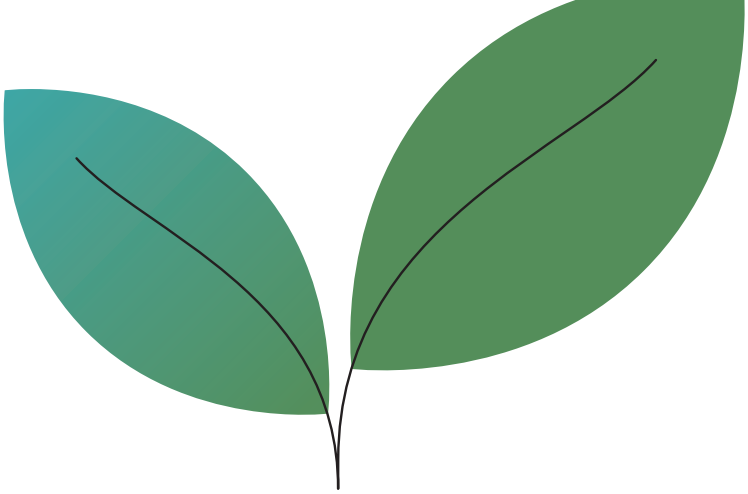
- A stakeholder survey to enable a clear understanding of current awareness and usage of PIDs in Ireland, as well as providing insights into how the community views the opportunities and challenges of widespread national PID adoption. The survey results and analysis together with a complete copy of the survey text are available here.
- Focus groups to do a deep dive into the survey results for three different groups: research infrastructures, research funding organisations and research performing organisations.
- The results of all three focus groups were used to develop a strategic strengths, weaknesses, opportunities and threats (SWOT) analysis and workshopped with the PID task force to create a prioritised list of recommendations for the strategy and roadmap.

There were two key outputs from this work. First, a cost-benefit analysis (CBA) was conducted: *Efficiency and insight: a cost-benefit analysis for a central service to support persistent identifier implementation in Ireland* using an internationally proven model to estimate the time and financial savings that could be generated in the Irish research community by automatically reusing the information associated with PIDs in common research processes and systems. The CBA recommends the establishment of a centralised support service to support PID implementations and adoptions on a national level.

The second key output was the publication of *Interoperability, openness, and impact: Recommendations and Roadmap for an Irish National PID Strategy*. This report sets out detailed actions required to deliver the vision of a PID-optimised research ecosystem for Ireland, spanning the period until 2030 and was launched during a meeting of the nineteen NORF-funded open research projects at the Royal Irish Academy on 25 October 2024.

The launch of the strategy marks an important milestone in the implementation of the *National Action Plan for Open Research 2022–2030* and of a more efficient, transparent and open research ecosystem.

Interoperability, openness, and impact: Recommendations and roadmap for an Irish national PID strategy



YOUNG ACADEMY IRELAND

New branding launch
In April 2024, Young Academy Ireland (YAI) launched its new branding, featuring original graphics and aesthetics that convey professionalism, innovation and a strong connection to the Royal Irish Academy's branding. This rebranding effort was a significant step in establishing YAI's identity and enhancing its visibility within the research community and beyond.

Strategic plan
In May 2024, YAI published its strategic plan, which outlines YAI's mission and identifies five grand challenges pivotal to supporting and enhancing the research and cultural landscape of Ireland. These challenges include achieving sustainability; creating a fair and inclusive society; securing the future of academia; supporting public involvement and engagement with research and providing transdisciplinary expertise for public policy.

The strategic plan was developed through a collaborative process involving extensive consultations with YAI members. This inclusive approach ensured that the plan reflects the diverse perspectives and expertise within the academy, setting a strong foundation for impactful initiatives.

Project adoption and development
In June, the YAI General Assembly approved a new project adoption procedure and opened its first round of project submissions. This procedure was designed to support members in putting forward projects that align with YAI's mission and strategic priorities and leverage the collective expertise of YAI members.

Current projects
Three projects have been adopted and are currently being implemented:

- Narrative CVs workshop for early career: In collaboration with and sponsored by Trinity College Dublin, this workshop focuses on helping early career researchers develop narrative CVs
- Evidence for policy summit: This project is organised in collaboration with the Swiss Young Academy, which is sharing its experience and expertise from established initiatives in this area
- Sustainability: This project leverages YAI's internal expertise to explore sustainability from a holistic perspective

There are four further projects that the YAI project groups are actively working on developing.

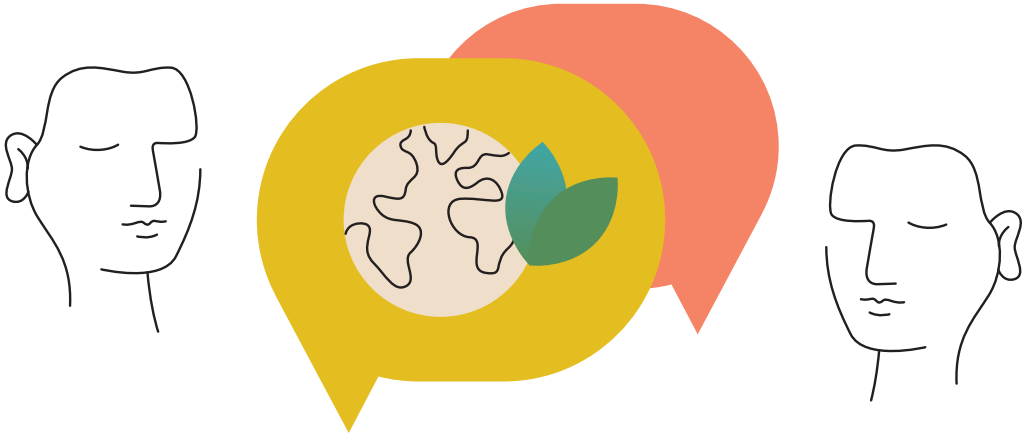
Members of the YAI strategic plan working group with copies of the YAI strategic plan. L-R: Niamh Wycherley, Emma Farrell, Declan O'Loughlin and Karina Doorley.

Regional general assembly

In December 2024, YAI held its first regional general assembly in Galway, with its first session open to the public. This was an opportunity to raise awareness of YAI among early career researchers from the region. The University of Galway president addressed the assembly and took part in a dynamic discussion on engaging senior leadership and policy makers in a dialogue with early career researchers.

Summary

In 2024, YAI made significant strides in establishing itself as a dynamic and impactful organisation. The development and implementation of the 2024–28 strategic plan have set a clear direction for YAI's future activities. Through collaborative efforts and a commitment to addressing grand challenges, YAI is poised to make meaningful contributions to the research and cultural life of Ireland. The ongoing projects reflect YAI's dedication to fostering a vibrant and inclusive research community and its efforts to engage with broader societal issues.



EDI, SUSTAINABILITY AND OFFICIAL LANGUAGES ACT

Equality, diversity and inclusion (EDI)

As 2024 draws to a close, we are pleased to share a summary of the Royal Irish Academy's annual progress in embedding equity, diversity and inclusion (EDI) across our activities. Our dedication to fostering a culture of equity and inclusion is reflected in our achievements this year.

Definition of EDI:
The Royal Irish Academy is committed to fostering a culture of equity and inclusion across all our activities and programmes. EDI at the Academy means ensuring that everyone, regardless of their background or identity, has equal access to opportunities and resources, feels valued and can contribute to the best of their ability.

Strategic plan alignment:
As outlined in our Strategic Plan 2024–28, the Academy is committed to fostering a knowledge-based society by advancing research, shaping policy and encouraging collaboration and public engagement. Our focus on EDI is integral to achieving these goals, ensuring that our activities reflect the breadth of Irish society and contribute to a more inclusive future.

Key achievements:
Investors in Diversity Bronze Award: In October the Academy was awarded the Investors in Diversity Bronze accreditation by the Irish Centre for Diversity. This recognition affirms that we have built a strong foundation to embed equity, diversity and inclusion across our operations. We were rated as 'Moving On', which is the highest score and means we have established appropriate HR policies, communicated them effectively to all staff and undertaken inclusive leadership training for all leaders.

- **2024 priorities delivered**: We have established a dedicated role for an EDI Manager, and we were pleased to welcome Agata Western to this position in March 2024. She supports members and staff in advancing the EDI agenda.

- **Three EDI working groups**: Under the direction of the Vice-President for EDI Professor Lorraine O'Driscoll, three working groups have been formed and tasked with drafting an EDI strategic plan for the Academy, offering recommendations for improving representation, data collection and reporting, and broadening our networking and learning opportunities. This work builds on the recommendations in the 2021 Diversity review commissioned by the RIA and the significant work already delivered under the leadership of Anita Maguire MRIA. The composition of these groups represents our membership, staff and external experts, including notable names such as Professor Kalpana Shankar, Professor Judith Harford, Professor Nata Duvvury and Dr Philip Owende.

Additional achievements:

- **RIA webinar and FAQ page**: We hosted a webinar on the Academy's nomination and membership process, and created a FAQ page to improve the accessibility and inclusivity of these processes.
- **Collaboration for accessibility**: We have established a collaboration with an external designer and conservation architect to support our efforts in making the building more accessible. One of the key improvements to date includes an upgrade to the audiovisual equipment in the meeting rooms and the installation of the hearing loops.
- **Staff Committee**: A staff committee has been set up to support staff-led initiatives. We extend our gratitude to the first staff committee for stepping up and leading these efforts.
- **EDI talks**: We organised the first in a series of EDI talks at our staff town hall on the topic of neurodiversity, delivered by Julie Galbraith from Eversheds Sutherland.
- **Engagement with Ability Focus**: We engaged with Ability Focus, disability inclusion specialists, and the Department of Social Protection,and received a €1,710 grant for disability and inclusion training support (planned for January 2025).
- **Participation in Pride celebrations**: We participated in the TCD LGBT+ Staff Network's third annual Provost's Pride celebrations at Trinity College Dublin.
- **Learning events**: We took part in various learning events, including the National Disability Authority Annual Conference, Ibec events on modern masculinity and shaping inclusive workplaces as part of the Ibec Diversity and Inclusion Day, and the Higher Education Authority EDI Conference. These engagements help ensure the relevance of our solutions, awareness of current challenges and best practices, and grow our network of organisations and individuals with whom we can exchange experiences and share knowledge.
- **Accessible website**: The Royal Irish Academy is committed to providing a website that is accessible to the widest possible audience, regardless of technology or ability. We are continually trying to improve the user experience for everyone and strictly adhere to the required accessibility standards.
- **New EDI website page**: We have launched an EDI page on the Academy's new website to provide resources and updates on our initiatives.

We look forward to continuing our journey towards a more diverse, inclusive and equitable future of the Academy.

Sustainability

The Royal Irish Academy strives to deliver its mission in an environmentally conscious and sustainable manner. Some of our sustainability achievements from the past year are outlined below.

Green Team

The RIA's Green Team consists of eight staff members from across different departments and programmes, all of whom are interested in achieving positive environmental change. In 2024 the Green Team organised a staff Swap Shop in partnership with the RIA Staff Committee; delivered training on energy efficiency to staff; developed awareness-raising initiatives and implemented projects identified as priorities for the RIA by the team and wider staff.

Public Sector Climate Action Mandate

As a public body, the RIA must comply with the measures in the Public Sector Climate Action Mandate. In 2024 we submitted a Public Sector Climate Action Roadmap agreed by the President and Council to the Sustainable Energy Authority of Ireland and the Higher Education Authority. This roadmap sets out how we plan to meet public sector energy and sustainability targets. In 2024 we reported on our progress towards achieving the goals outlined in the roadmap.

Emissions reporting

The RIA is subject to some ambitious targets around energy use. As a public body we are striving to achieve a 51% reduction of our greenhouse gas emissions and improve our energy efficiency by 50% by 2030. In 2023 the RIA's energy-related greenhouse gas emissions were 57,979kg CO2. Although this is a decrease in emissions from 2022, we need to continue to reduce energy-related emissions to hit our 2030 target of 29,586kg CO2 emissions annually.

The RIA is compliant with Circular 1/2020: Procedures for offsetting the emissions associated with official air travel.

Royal Irish Academy Green Team 2024. Back row L-R Ailbhe Rogers, Síle Lane, Hugh Shiels and Zoë Coleman. Front row L-R, Maura Ní Chearbhaill Aifric Downey and Anahi Sandoval.

Net zero commitment

The Academy intends not just to comply with legislation but has ambitions to go beyond compliance. It has pledged alongside other national academies to become a net zero greenhouse gas emitting organisation by 2050. In 2024 the RIA's Climate and Sustainability Champion Síle Lane was invited to join a steering group of representatives of European academies, co-chaired by European Federation of Academies of Sciences and Humanities (ALLEA) and the British Academy, which reviewed academies' policies and actions towards achieving net zero. The steering group produced a report and provided recommendations to the ALLEA General Assembly in May 2024. The steering group will follow up on these recommendations by continuing to provide a platform to share innovative approaches to net zero and sustainability. The Academy is grateful for the helpful advice provided by the members of the net zero working group, which is chaired by Vice-President for Sustainability and Engagement, David Farrell MRIA.

Official Languages Act

The Annual Review is a bilingual report, now available in both Irish and English. Under the amended provisions of the Official Languages Act, the Royal Irish Academy has reviewed its approach to the representation of the Irish language in its public-facing spaces and activities. As an institution that supports the discussion and exchange of opinions and ideas on contemporary Irish culture and heritage, the RIA is committed to highlighting and facilitating the use of the Irish language in Academy activities. In December 2024 we launched an Irish language poetry competition, and the winning poems will feature on the walls of the Academy.

Each year an Official Languages review is conducted to demonstrate the progress that the RIA has made towards Irish language promotion and development in our public-facing work.

In June 2024 we launched our new website, which was developed on a Wordpress platform that can accommodate dual language options. We have commenced the Irish translation of static pages previously only available in English on the site, and further bilingual work is planned on a phased basis throughout 2025 as resources allow.

In 2024 we facilitated three courses for staff to improve their proficiency in the Irish Language:

- Gaelchultúr – Giving speeches in Irish – Beginner (12 staff)
- Gaelchultúr – Giving speeches in Irish – Intermediate (6 staff)
- Gaelchultúr – Various individual Irish courses (4 staff)

The Digital Repository of Ireland (DRI) team also worked with Gaelchultúr to run an introduction to the Irish language for their department. The DRI worked with the National Terminology Database for Irish (téarma.ie) and a wider expert advisory group to compile a standardised set of Irish language terms relating to digital preservation. The DRI team is also in the process of translating its website (www.dri.ie).

In 2024 we launched strategic plans for the Young Academy Ireland (YAI), the RIA and the DRI in both English and Irish languages. Furthermore, all vacancies advertised by the RIA during 2024 were presented in both languages, and as part of our rebranding project we developed dual language logos for all our research programmes. We endeavor to post regularly in Irish on our social media channels, and both English and Irish translations are encouraged in all staff email signatures. In addition, the majority of formal invitations to Academy events are also in both languages.

In December 2024 we ran a two-day conference in Irish with simultaneous translation into English to make it accessible to a wider audience, and the YAI ran a panel discussion in Irish on multidisciplinarity for its members at their Galway general assembly.

LIBRARY

Collection care

We continue to care for our unique collections, identifying and prioritising items for conservation. The following items were treated this year:

- Haliday Pamphlet (HP) Collection – 33 volumes from the pamphlet collection of Charles Haliday (1789–1866), an invaluable resource for the study of social and local history, literature and antiquities of Ireland
- MS B iv 2 (seventeenth-century poems on the O'Donnell's compiled by Four Master, Micheál Ó Cléirigh) and MS C iii 3 (Annals of the Four Masters covering the period AM 2242 - AD 1171). This work was carried out through donations raised to conserve a range of manuscripts associated with the Book of Fenagh
- Three Ordnance Survey (OS) maps for counties Kildare, Mayo (vol. 2) and Meath were conserved with funding from the late David Willoughby Gooding MRIA and the late G.L. Huxley MRIA

Acquisitions

We continue to develop our special collections through donation, bequest and purchase. This year we received a notebook used by Thomas Johnson Westropp (1860–1922) for his study on Co. Clare, which was kindly donated by Peter Pearson. We also received an important donation from the An Post Museum & Archive courtesy of Company Archivist and Museum Curator Stephen Ferguson, which included bound volumes of *Iris an Phoist* (1922–2019), *Eolaí an Phoist* (1923–82), parliamentary reports on postal matters and annual reports of the Postmaster General (1854–1916). The donation featured several artefacts, including the designs for the first definitive stamp series showing a map of Ireland, the sword of light, the provincial arms and a Celtic cross dated from 1923. Other highlights included a special presentation album produced in 1946 by the Director of Stamping and printed by Three Candles Ltd. and a page of 1922 overprinted stamps signed by Seán Sairseal Ó hÉigeartaigh, first Secretary of the Irish Department of Post and Telegraphs.

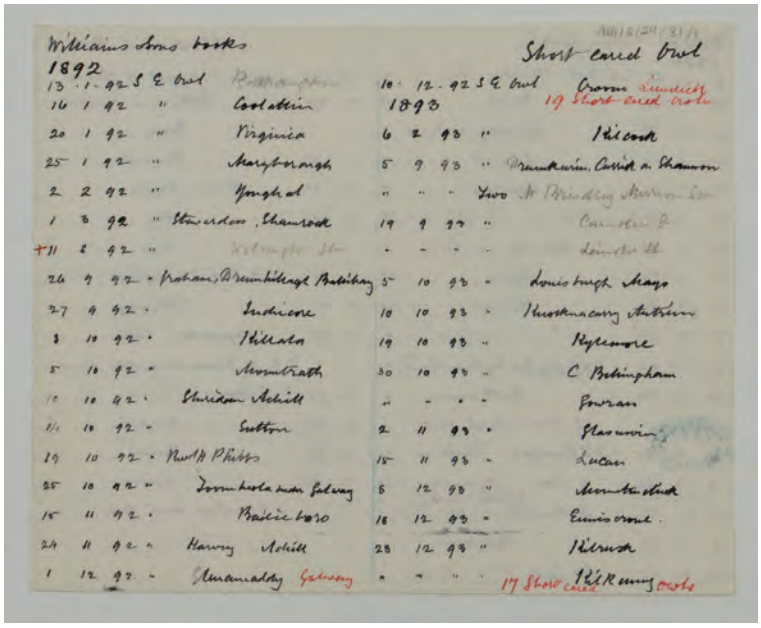
The Birds of Ireland

This year we were delighted to receive funding from the Heritage Council as part of the Heritage Stewardship Fund for our project 'The Birds of Ireland: Curating the Richard J. Ussher Collection at the Royal Irish Academy', which will enable the long-term preservation, access and discovery of material from this important collection through a programme of archival cataloguing, digitisation and outreach. Exhibition tours were delivered during National Biodiversity Week and a public lecture was delivered by ecologist and former director of BirdWatch Ireland Richard Nairn during National Heritage Week.

Digital highlights

2024 saw the launch of our new online catalogue for printed collections, which offers increased functionality and enables greater interoperability with other systems and technologies. We are currently working on an online catalogue for archives and manuscripts using Access to Memory (AtoM) software, a web-based, open-source application for standards-based archival description and access. This year also saw the launch of the new Irish History Online website, which provides a free online bibliographic catalogue focused on the broad area of the history of Ireland.

A selection of materials from the Ussher Bird Notes Collection that were digitised in 2024.



Collaborations

We continued our collaboration with the Virtual Records Treasury of Ireland (VRTI), commencing a new joint project to engage in data enhancement and platforming of the Guild of St Anne collection and associated calendars.

Over 2,500 items from the Ordnance Survey (OS) collection were added to the Digital Repository of Ireland and released in June as part of the OS200 project to celebrate the bicentenary of the first ordnance survey of Ireland. The project gathers historic OS maps and texts, currently held in disparate archives, to form a single freely accessible online resource for academic and public use.

In November, the Royal Irish Academy was presented with a new artwork commissioned by the AHRC-IRC-funded project 'OG(H)AM: Harnessing digital technologies to transform understanding of ogham writing, from the 4th century to the 21st'. The artwork is by scribal artist and parchment-maker, Thomas Keyes, and was inspired by the Book of Ballymote (RIA MS 23 P 12).

As a key research partner for the IRC-funded Inks and Skins project, we facilitated DNA sampling of several manuscripts in 2024.

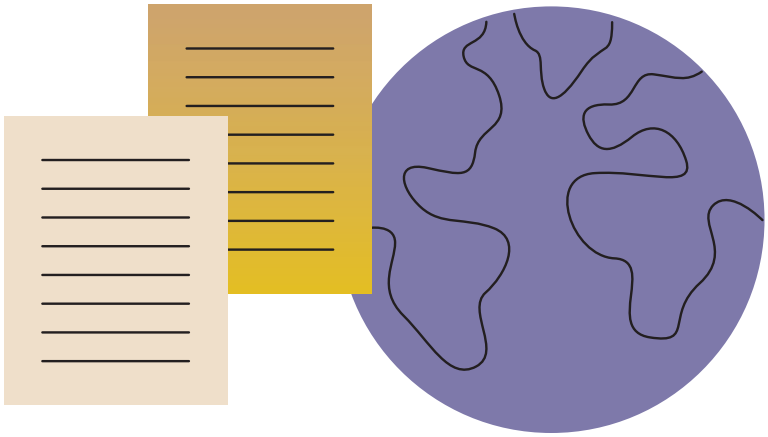
Outreach

This year we collaborated with the RIA Historical Studies Committee on a lunchtime lecture series to explore the history of book collecting in early modern Ireland. In April we organised a public lecture on Irish entomologist Cynthia Longfield (1896–1991) to commemorate the centenary of the St George expedition in 1924. Guided tours of Academy House were delivered as part of the Dublin Festival of History in October. We were delighted to feature in a new video on ogham writing, produced by the OG(H)AM project at Maynooth University and the University of Glasgow, in which Dr Deborah Hayden spoke on ogham in manuscripts such as the Stowe Missal and the Book of Ballymote.

We continue to develop collaborations with other cultural heritage organisations and this year we facilitated the loan of an important eighteenth-century pamphlet on beekeeping to the NMI-Country Life for their exhibition 'The Murmur of Bees'.

We welcomed several groups throughout the year, including delegates from the CONUL Erasmus Library Staff Mobility week, participants in a master class organised by the Coiste Léann na Gaeilge agus an Léinn Cheiltigh, and students from the National College of Art and Design, Mary Immaculate College, and University College Dublin.

An image of the new artwork by Thomas Keyes, which was inspired by the Book of Ballymote.



POLICY AND INTERNATIONAL RELATIONS

Publication of the discussion paper 'Finding common ground, building community: strengthening and stimulating tertiary regional collaboration in the north-west of the island of Ireland'.

In 2023–24, the Academy received funding from the Shared Island, Department of an Taoiseach strand of the Irish Research Council New Foundations scheme to explore the role of higher education in enhancing the attractiveness of the north-west of the island of Ireland as a place to live, learn and work. Working with the John and Pat Hume Foundation, the Academy brought together diverse voices and perspectives to consider the current 'state of play' and identify possible ways forward to build a brighter and more connected future for the communities of the north-west. The work was done in collaboration with the Celtic Academies Alliance, which allowed for comparative research across the devolved nations to be conducted.

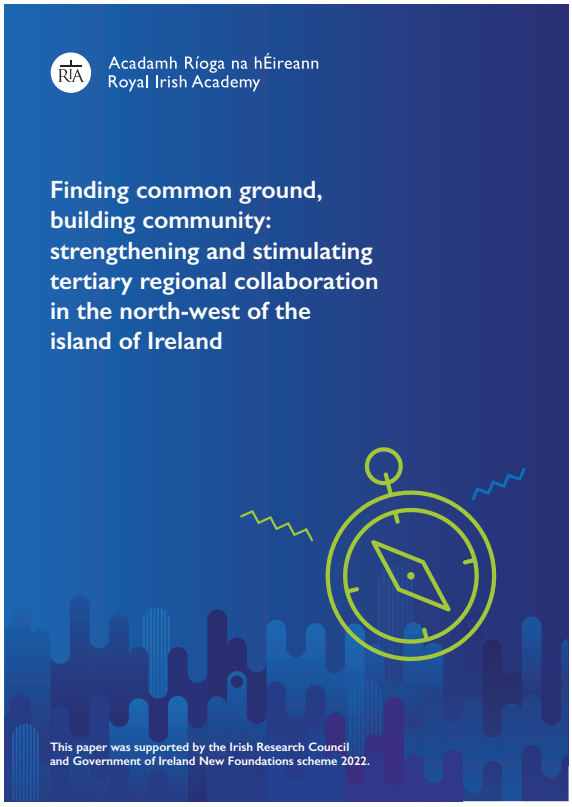
Informed by these always spirited—and at times challenging—conversations, the resulting discussion paper examines current and potential future approaches to higher education policy and provision across the north-west region of the island of Ireland. It considers the impact that the historic high levels of underinvestment in the greater north-west region of the island of Ireland across both jurisdictions has had upon higher education provision and upon infrastructure, particularly road and rail. It argues that the benefits of higher education expansion cannot be fully realised without addressing the overall infrastructure deficit. It contrasts with the strategic and coordinated approaches in Scotland and Wales, which have sought to promote regional strengths and reduce disadvantage associated with geographic peripherality.

It should be noted that recent government announcements regarding further funding for investment and infrastructure represent a significant and welcome step forward for the region. Relevant initiatives in this space in Ireland include the establishment of the technological universities as part of a wider, more considered government focus on regional development and planning, including place-specific approaches and the introduction of the Department of the Taoiseach's Shared Island Initiative.

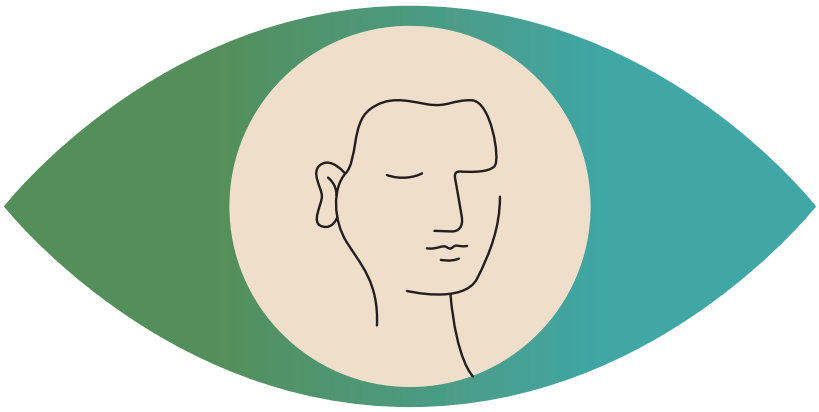
Some of the main findings in the report include:

- The need to consider institutional size, age and history when designing strategies to involve higher education institutions in regional development
- Understand that higher education institutions and the places where they are located have a high level of diversity and avoid duplicating 'one size fits all' approaches or models of success from other places
- Design policies and programmes that play to the strengths and motivations of individual institutions to maximise their contribution
- Consider the regional context in programme design and incentivise higher education institutions to take part in activities that support the development of resilience and adaptive capacity
- The introduction of an independent oversight body for tertiary education in the north-west should be considered

The findings in the report are drawn from published data, stakeholder meetings and discussions and roundtable discussions with UK academics and stakeholders. It was further informed by the discussions arising from three separate events held in Derry-Londonderry with the John and Pat Hume Foundation at which a cross-section of the academic, business and civil society communities shared their views and debated potential pathways to address regional inequalities in the north-west. The Academy would like to note special thanks to Gerry McKenna MRIA, for leading this work and for his invaluable input to researching, writing and promoting the report.



Finding common ground, building community: strengthening and stimulating tertiary regional collaboration in the north-west of the island of Ireland report.



MEMBERSHIP UPDATES

Honorary Members

Polite Literature and Antiquities

JAMES CHANDLER is William B. Ogden Distinguished Service Professor at the University of Chicago, a member of the American Academy of Arts and Sciences and the recipient of numerous distinguished fellowships. He has developed new and influential models for the study of British, Irish and American culture while advocating for, supporting and advancing interdisciplinary research in the humanities, via major grants from the Mellon Foundation.

Science

ANN GRAYBIEL is an institute professor in the Department of Brain and Cognitive Sciences at Massachusetts Institute of Technology, and an investigator at the McGovern Institute for Brain Research. Her groundbreaking discoveries on the role of the basal ganglia in habit formation and implicit learning have been transformative, with relevance for our understanding of Parkinson's disease, Huntington's disease, OCD, stress and addiction.

DONALD McDONNELL is professor of Molecular Cancer Biology at Duke University. He established the concept of 'functional allostery' in steroid hormone receptor action, demonstrating that structurally diverse ligands induce distinct receptor conformations to enable differential recruitment of coregulators to effect different biological responses. He leveraged these insights to develop transformative medicines now used for the treatment of hormone responsive breast and prostate cancers.

PATRICK McGORRY is an Irish-born, Australian psychiatrist known world-wide for his mental health innovation as well as his advocacy for and reform of services for young people. He is professor of Youth Mental Health at the University of Melbourne and executive director of Orygen; his work has featured in over 1,000 publications. In 2010 he was selected as Australian of the Year and as an Officer of the Order of Australia.

New Members

Polite Literature and Antiquities

PATRICK CLANCY is emeritus professor of Sociology at University College Dublin. His published research on Irish society and access to higher education has stimulated academic debate, influenced educational theory and shaped public policy. He was founding dean of UCD's College of Human Sciences and founding member and chair of the Consortium of Higher Education Researchers. He was selected as Fulbright New Century Scholar in 2005.

PORSCHA FERMANIS is professor of Romantic Literature at University College Dublin. A leading figure in the study of the long nineteenth century, she has published widely on Romantic poetry and poetics, and on Romantic historical culture. She has made a major contribution to research on literature and settler culture in the southern hemisphere and was the principal investigator on the European Research Council-funded project 'SouthHem'.

POUL HOLM is professor of Environmental History at Trinity College Dublin and director of the Centre for Environmental History. His research focuses on the human exploitation of the sea, and his current European Research Council-funded Synergy project, '4-OCEANS', will create a world atlas of marine exploitation through the last two millennia. He serves as vice-president of Academia Europaea and chair of the Humanities Class.

UNA HUNT is professor of Performance Research at the Conservatoire, Technological University Dublin. She has made an outstanding contribution to music research, bringing international recognition to the history and repertoires of Irish music. A world-renowned concert pianist, her achievements attest to the importance of performance-led research in understanding, explaining and contextualising the work of Irish composers, musicians and songwriters, including Moore, Osborne, Stanford and Wallace.

BRENDAN KELLY, professor of Psychiatry at Trinity College Dublin, holds advanced degrees in history, psychiatry and law. This interdisciplinary perspective is evident in his extensive publications on the history of psychiatry and mental illnesses in Ireland. As a public intellectual, he has addressed topics such as the impact of Covid-19 on mental health, schizophrenia and Ireland's history of institutional confinement, particularly the history of Grangegorman Asylum.

LOUISE MALLINDER is professor of Law at Queen's University Belfast, and a globally leading figure within the study of Human Rights Law. In 2023 she was appointed as deputy director of QUB's Senator George J. Mitchell Institute for Global Peace, Security and Justice, where she is the Legacy theme lead. She held the Spring 2024 Pozen Professorship at the University of Chicago and holds a British Academy Mid-Career Fellowship.

PAUL MULLAN is director of the Heritage Fund Northern Ireland. He has combined delivering major heritage projects with being a leading public advocate for the role of heritage in society, latterly through looking at how the past can be negotiated ethically to work towards the common good. His leadership has ensured that many historic links to the past have been conserved for future generations.

GARY MURPHY is professor of Politics at Dublin City University. He is an acknowledged authority internationally on the subject of political lobbying, and an expert in the reconstruction and interpretation of Irish politics in the twentieth and twenty-first century. The author of the definitive and best-selling life of Charles Haughey, he is one of Ireland's leading political commentators.

EVE PATTEN is professor of English at Trinity College Dublin. Familiar in the Irish humanities community as director of the Long Room Hub, she is recognised internationally as an authority on nineteenth-century Ireland, and for her nuanced explorations of Irish–English cultural dialogue. Her publications include a book about writer Olivia Manning (Cork University Press, 2012), and more recently *Ireland, revolution and the English Modernist imaginatio*n (Oxford, 2022).

RUTH PATTERSON, the first woman to be ordained in Ireland, is director of Restoration Ministries, an organisation committed to peace and reconciliation in Northern Ireland. She was named the University of Edinburgh's Alumna of the Year in 2000, and in 2003 received an OBE for her reconciliation work. She has authored six books and served for several years on the Northern Ireland Memorial Fund for victims of violence.

CHRISTIANE SCHÖNFELD, senior lecturer at Mary Immaculate College, Limerick, is an outstanding scholar of German cultural history and a global leader in the study of German literature in film. She has worked extensively on the portrayal of prostitution in German Expressionism and on the anti-Nazi writer Ernst Toller. A two-volume, German-language version of her 2023 publication *History of German literature on film* has been contracted by Metzler.

GRAEME WARREN is professor of Archaeology in University College Dublin's School of Archaeology. He is a leading figure in hunter-gatherer research globally, with a focus on the archaeology of hunter-gatherers in Europe and long-term landscape histories. As exemplified by his book *Hunter-Gatherer Ireland* (Oxbow, 2022), he has transformed our understanding of the Mesolithic period in Ireland. He is currently president of the International Society of Hunter-Gatherer Research.

Science

DAVID BRAYDEN is professor of Advanced Drug Delivery at University College Dublin. He has an international reputation in developing oral formulations of peptides. His recent research focuses on examining how to use nanoparticle technology to deliver drugs to different sites in the body. He is the coordinator of the EU Horizon Europe consortium BUCCAL-PEP, and chief editor of *Frontiers in Drug Delivery*.

FIDELMA DUNNE is professor of Medicine and director of the Institute of Clinical Trials at University of Galway. An internationally renowned expert in diabetes in pregnancy, she is the recipient of the Jørgen Pedersen and Norbert Freinkel awards from the European and the American Diabetes Association, respectively. She is lead author on a clinical trial with national and global impact titled 'Early Metformin in gestational diabetes', published in *Journal of the American Medical Association* in 2023.

NIALL ENGLISH is a professor in Chemical Engineering at University College Dublin. He is a specialist on electric-field effects on materials, gases and liquids, including in inventions and technology commercialisation. He has been awarded a European Research Council advanced grant on nanobubble lifetime and population engineering, to further research on water treatment and carbon capture. Both of his spin-outs have received European Innovation Council accelerator grants.

PILAR FERNANDEZ-IBANEZ is professor of Environmental Engineering at Ulster University. Her research focuses on decentralised technologies for drinking water in developing communities, and photochemical and advanced oxidation processes for removal of microbiological and chemical water contaminants. She has received grants from UK Research and Innovation, Horizon 2020 and a Royal Society International Collaboration award for her research in Latin America, India and Europe. In 2021 she received the Ulster University Distinguished Research Champion Award.

DAVID HENSHALL is professor of Molecular Physiology and Neuroscience at the RCSI University of Medicine and Health Sciences. His research focuses on the causes and treatment of the brain disease epilepsy. He is internationally recognised for discoveries on genes called microRNAs, and is author of *Fine-tuning life* (Cambridge, 2024), a book on the topic. He founded the FutureNeuro Research Centre and is past president of Neuroscience Ireland.

ORTWIN HESS is professorial fellow and holds the chair of Quantum Nanophotonics in the School of Physics at Trinity College Dublin. He is a Science Foundation Ireland research professor and editor-in-chief of *APL Quantum*. His research bridges condensed matter physics and quantum photonics. In recognition of his pioneering work on active quantum nano-plasmonics and optical metamaterials with quantum gain, he was awarded the Royal Society's Rumford Medal.

DANIEL KELLY holds the chair of Tissue Engineering at Trinity College Dublin. He has published more than 220 articles in peer-reviewed journals and has successfully supervised over 25 PhD students to completion. He is the recipient of five European Research Council awards, which have led to the development of new biomaterial-based strategies for bone and cartilage repair and innovations in 3D-bioprinting of musculoskeletal tissues.

BRIAN LAWLOR is Conolly Norman Professor of Old Age Psychiatry at Trinity College Dublin. He is a leading figure nationally and internationally in the field of dementia research and care. He is a member of the World Dementia Council, and a founding director of the Global Brain Health Institute based at Trinity College Dublin and the University of California San Francisco.

MARIA McNAMARA is professor of Palaeontology at University College Cork. Her primary research focus is fossil preservation. She uses microbeam imaging and analytical chemistry to understand the evolution of animal pigmentation and the preservation of biomolecules in the fossil record. Her research on feather evolution has been published in *Science* and *Nature*, and she is the recipient of European Research Council starting and consolidator grants.

CAITRIONA O'DRISCOLL is professor and chair of Pharmaceutics in the School of Pharmacy, University College Cork, and director of Future Medicines, a research initiative. Originally a pharmacist, she has over 30 years' experience as a drug-delivery scientist. She has over 140 publications, and her research is focused on the design of RNA therapeutics for non-infectious diseases. She is coordinator of the Horizon Europe-funded GENEGUT project (2022–26).

JOHN O'HALLORAN, president of University College Cork, is one of Ireland's leading ornithologists. His research on environmental and climate change has had a substantial impact during a career spanning more than three decades. His publication in *Nature* examining the role of insects in forest decomposition across six continents is an example of his use of international collaborative networks to address global challenges.

JOHN ANTHONY (TONY) SCOTT is a distinguished Physics graduate of University College Dublin, where he served for many years as an educator, researcher and academic leader. In 1965 he co-founded what is now the BT Young Scientist and Technology Exhibition—a national institution that has inspired and developed scientific talent in Ireland for almost sixty years.

Member Bereavements

BRIAN HARVEY, BSc, PhD(NUI 1979, 1982), HDR(Nice 1991). Professor of Molecular Medicine, RCSI University of Medicine and Health Science. Elected in 2007.

DAVID DUMVILLE, Hon MRIA, BA, MA(Cantab), PhD(Edin), MA(hc Penn), FRHS, FRSAI, Emeritus Professor of Celtic and Anglo Saxon, University of Aberdeen. Elected in 2009.

DAVID JUDGE, MA, MSc, PhD(NUI). Professor Emeritus of Mathematics Physics, UCD. Elected in 1967. On Council 1971–75.

DERVILLA M.X. DONNELLY, BSc, PhD, DSc, ScD(hc DUB), DSc(hc QUB), DSc(hc Nottm) LLD(hc NUI), HRHA. Emerita Professor of Phytochemistry, UCD and Former Chair, DIAS. Elected in 1968. On Council and in Office: 1981–82, VP 1982–83, 1983–85, 1987–88, VP 1988–89, 1989–90, SVP 1990–91, SVP 1997–98, 1998–2000, VP 2000–01, 2005–06, VP 2006–07, 2007–09. Royal Irish Academy Cunningham Medal 2017.

ÉAMONN Ó CARRAGÁIN, MA, PhD. Emeritus Professor of Old and Middle English, UCC. Elected in 2005.

J. RAY BATES, BSc(NUI 1962), PhD(MIT 1969). Emeritus Professor of Meteorology, University of Copenhagen; Adjunct Professor of Meteorology, UCD. Elected in 1986. On Council: 2009–13.

JOSEPH P HAUGHTON, MA, MSc(Dubl). FTCD. Retired Professor of Geography, TCD. Elected in 1961. On Council and in Office: 1972–75, VP 1975–76, 1977–80, VP 1980–81.

MICHAEL H.B. HAYES, BAgrSc(NUI 1952), MS(Cornell 1955), PhD(Ohio State 1960). Research Professor, Carbolea Centre, Chemical and Environmental Sciences, UL. Elected in 2004.

PATRICK DAVID SWEETMAN, (2023), BA, MA(NUI 1967, 1969). Retired Consultant Archaeologist, Department of Arts, Heritage, Gaeltacht and the Islands. Elected in 1985. On Council and in Office: 2003–04, VP 2004–05, 2005–07.

PATRICK MCARDLE, BSc, PhD, DSc(NUI). Associate Professor of Chemistry, Galway. Elected in 1998.

PETER J. GREGSON, BSc, PhD(Imperial College). MIM, CEng, FIMMM(Institute of Materials, Minerals and Mining). Chair, Henry Royce Institute. Elected in 2007.

PIERCE RYAN (2021), BAgrSc(NUI 1951), MSc(Iowa State 1959), PhD(Dubl 1963). Retired Director of Teagasc. Elected in 1967. On Council:1977–81.

RAGHNALL Ó FLOINN, BA, MA(NUI 1974, 1976). Former Director, National Museum of Ireland. Elected in 2005.

RAYMOND GILLESPIE, BA(QUB 1978), PhD(Dubl 1982). Professor of History, MU. Elected in 2001. On Council 2002–06.

ROBERT M. SOLOW (2023) Hon MRIA, BA, AM, PhD(Harvard), Emeritus Professor of Economics, MIT. Elected in 1999.

SEÁN DINEEN, BSc, MSc(NUI 1964, 1965), PhD(Maryland 1969), DSc(NUI 1975). Emeritus Professor of Mathematics, UCD. Elected in 1987. On Council 2010–12, 2014–18.

SIR JOHN BOARDMAN Hon MRIA, Emeritus Lincoln College Professor of Classical Art and Archaeology, Oxford. Elected in 1986.

TERENCE O'REILLY (2023), BA, PhD(Nottm), Emeritus Professor of Hispanic Studies, UCC. Elected in 2013.

THOMAS MAURICE RICE, Hon MRIA, BSc(NUI), PhD(Churchill College, Cambridge), DSc (NUI), Emeritus Professor of Theoretical Physics, ETH. Elected in 1988.

TOM GARVIN, BA, MA(NUI), PhD(Georgia). Emeritus Professor of Politics, UCD. Elected in 2003.

VICTOR F. DIXON, BA, MA, PhD(Cantab 1954, 1959, 1959), MA(Dubl 1976). FTCD. Emeritus Professor of Hispanic Studies, TCD. Elected in 2007.

WILLIAM ALAN MCCUTCHEON, MA, PhD(QUB 1958, 1962). FSA. Industrial Archaeologist, Historian, Archivist and Author. Former Director Ulster Museum, Belfast and Hon. Senior Research Fellow, QUB. Elected in 1983.

MULTIDISCIPLINARY COMMITTEES

Science Committees

Good Science discussion series
In 2024 the Physical, Chemical and Mathematical Sciences Committee launched the Good Science Discussion Series, a series of panel events that aimed to address the important issues of science communication, ethical science and public trust in expertise.

'What is Good Science?' was the first event in the series and took place in the Royal Irish Academy in February 2024. Four panellists were invited to deliver a talk in response to the question, posed by the event's title, telling a story from their professional experience that illustrates what good science is. A moderated discussion then explored insights from the stories and considered questions such as: who decides what is 'good'?; can we identify the qualities that make science good?; how do we recognise and support good scientific practice?

In June, the second Good Science event was staged in Queen's University Belfast to explore the topic of ethical research. 'What is Ethical Research?' featured panellists with backgrounds in bioengineering, research governance, health research, and forensic and legal medicine. The panel discussion addressed issues of biodata, ethics in clinical trials, public and patient involvement, and university research ethics. Both of these important and timely conversations were recorded and have been made available on our YouTube channel. The third event in the series will take place in 2025 and will address the topic, 'How to find the scientist in your community.'

Tracking a plant killer: historical and scientific reflections on the Irish plant pathogen
In August the Climate Change and Environmental Sciences committee collaborated with the Department of Agriculture, Food and the Marine and the RIA journal *Biology and Environment* to host visiting Fulbright Scholar, Jean Ristaino, for a public lecture on her groundbreaking research into potato blight pathogens. The talk traced the evolution of scientific thinking about the underlying causes of late blight before delving into Professor Ristaino's own research journey, which culminated in the genome sequencing of historic plant DNA to establish where

Panellists and chair for the Contemporary Irish Geographies panel at the 2024 International Geographical Congress.

the pathogen that caused the potato blight originated. It was a fascinating talk that offered a novel perspective on the story of the Irish potato famine. The recording of the lecture is available online.

International Geographical Congress

The 35th International Geographical Congress took place in Dublin in 2024, drawing over 2,700 delegates to Dublin City University. The Geography and Geosciences Committee was invited to programme a panel event to showcase contemporary Irish geographical research to the international audience attending the congress. Four panellists presented talks on their own research and the work of other Irish geographers across areas as diverse as geomorphology, marine geography, food activism and political ecologies. The discussion chaired by Kath Browne MRIA further highlighted the role of Irish geography as a discipline that bridges the natural and social sciences and grapples with the complex interconnections between people, place and the natural environments.

The Geography and Geosciences committee also co-organised an evening event as part of the congress's public engagement programme. The 'Mapping Ireland through time' event featured four talks on the history of maps and mapping in Ireland. From map-making as a colonial project to contemporary community map-making as a means to address significant national challenges, this sold-out event invited audiences to consider the social and political power of maps in a variety of contexts across more than 400 years. It was a great opportunity to attract international visitors into the Royal Irish Academy.

Humanities and Social Science Committees

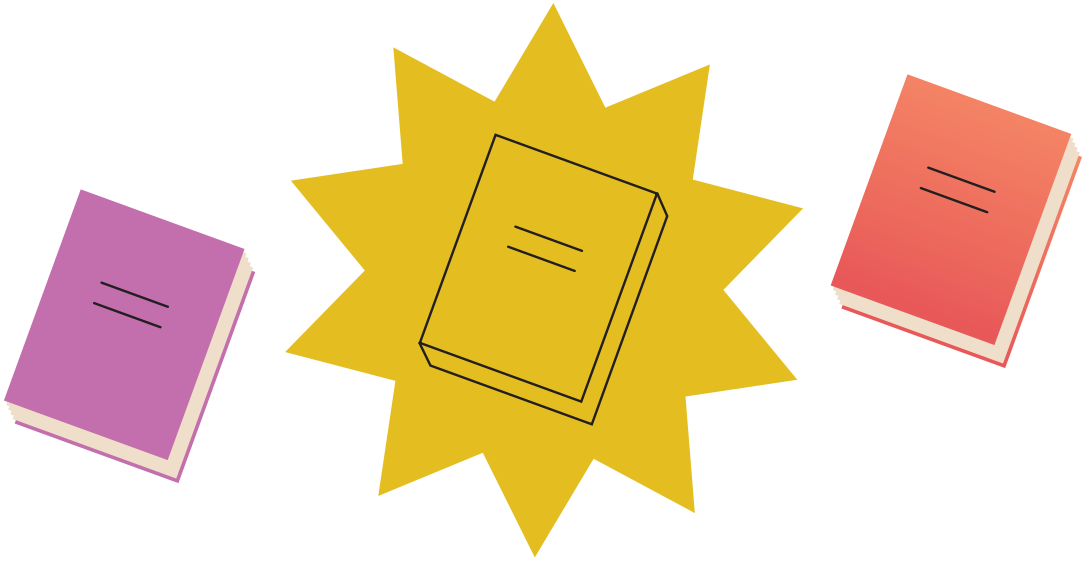
The theme for the past two years of multidisciplinary events has been 'Towards an inclusive and Sustainable Future'. Each committee has addressed the theme in a variety of unique and ambitious ways. Some examples include the Languages, Literature, Culture and Communications Committee's event 'Rhyming Weavers Anniversary', which celebrated the linguistic and creative diversity of Ulster, and featured a keynote speech from Paul Muldoon; and the Standing Committee for International Affairs conference 'The West or the Rest? – Identity, Ideology, Institutions', during which then Tánaiste Micheál Martin spoke of the importance of a diversity of perspectives when shaping foreign policy.

A conference and subsequent report titled 'Archives, Access and Human Rights' demonstrated how committees can promote inclusivity and sustainability in practical, collaborative and far-reaching ways. The event, featuring perspectives from across the island of Ireland, presented the challenges of archival access from a human rights perspective and took a solution-focused approach to addressing the issues that arose. Speakers included local authority archivists, civil servants, human rights experts, and affected people. In this way, the conference also characterised the importance of the RIA's role as an independent space in facilitating dialogue between different groups. Independence remains one of the key values of the RIA, as articulated in the 2024–28 Strategic Plan released this year. The event was supported by Boston College, the ARINS Project, Justice for Magdalenes Research, the Irish Centre for Human Rights, the Irish Committee for Historical Sciences and the Archives and Records Association.

A full conference report, including recommendations, was launched on 24 October 2024. This report, along with the conference presentations, including two Q&A sessions, is available to view on the RIA website. 'Archives, Access and Human Rights' also featured in the September issue of History Ireland and was mentioned in Fintan O'Toole's column in *The Irish Times*.

The 2025 programme of work for the Humanities and Social Science committees will feature activities on a range of issues including the role of the humanities in the climate crisis, AI and ethics, and the landscape for contemporary archaeology in Ireland.

Catriona Crowe MRIA, presenting at the 'Archives, Access & Human Rights' conference, photo by Mark O'Connor.



PUBLICATIONS

Wrapping up Knowth

'Here we see the value of genuine heritage partnership, working together to deliver something quite brilliant.'

– Michael MacDonagh, Chief Archaeologist, National Monuments Service

Knowth is generally known simply as a passage tomb cemetery, and at that, it usually plays second fiddle to its more famous Boyne Valley sister megalithic monument at Newgrange. Knowth, however, has evolved through many incarnations over the course of the millennia: Neolithic site of settlement and ritual; Late Iron Age ancestral burial ground; early medieval 'royal' residence; site of Anglo-Norman and Cistercian habitation; post-medieval settlement cluster; National Monument and part of the Brú na Bóinne UNESCO World Heritage Property, along with Newgrange and Dowth.

While it had long been agreed that there was a need for a book about Knowth for the interested general reader, achieving such an aim was never going to be as simple as summarising our *Excavations at Knowth* monographs. The obvious flaw in that approach is that there are seven volumes, three of which run to almost 900 pages each; attempting any sort of summary would have generated another several-hundred-page-long book—not exactly easy to bring on a ramble around Knowth, or useful as a ready reference. The dilemma then was how to distil the research, knowledge and expertise of the *Excavations* volumes into an accessible, approachable and portable guide; something providing an overview of what Knowth is all about and what is visible on site today, outlining why it is of interest and importance, and also offering an avenue into the wealth of deeper knowledge available about this fascinating place for those whose further interest it might pique.

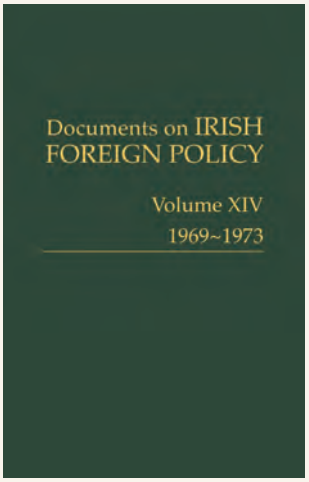
Launch of the Knowth guidebook at Brú na Bóinne Visitor Centre, 21 August 2024. Back row L-R Ken Williams, James Eogan, Michael MacDonagh, Professor Pat Guiry, Claire Breen and Kerri Cleary. Front row L-R Patrizia La Piscopia, Helena King, Elizabeth Shee Twohig, Edel Bhreathnach and Fiona Eogan.
© Photographic Archive, National Monuments Service.

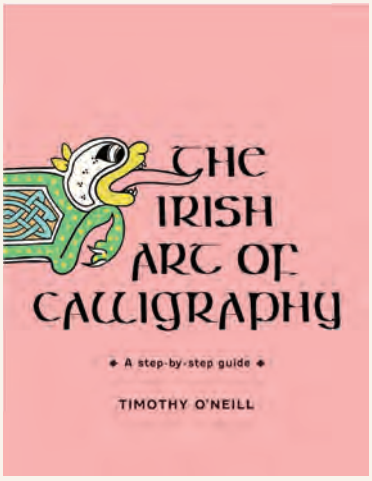
The secret to solving this conundrum was to assemble a team whose passion for Knowth and desire to share what they know about it so that others can appreciate the wonder of the place was exceeded only by their knowledge of it and experience in describing, explaining and enthusing about it. Everyone involved brought their individual expertise to the effort, but all had the same focus and goal: to create a guide for people to navigate their way around Knowth, but also to produce a book that anyone can read, use and enjoy without being there and still get a feel for Knowth and an understanding of how it came to be what it is.

Whether the effort was successful is perhaps best summed up by Michael MacDonagh, Chief Archaeologist, National Monuments Service, in launching the book. Describing it as 'a stunningly elegant, simple and beautiful book', he stated that 'the clarity and simplicity of language and authorship … make it extraordinarily readable'. As to whether the approach taken in rounding out the Knowth project with this publication was the correct one, his view is 'Here we see the value of genuine heritage partnership, working together to deliver something quite brilliant'.

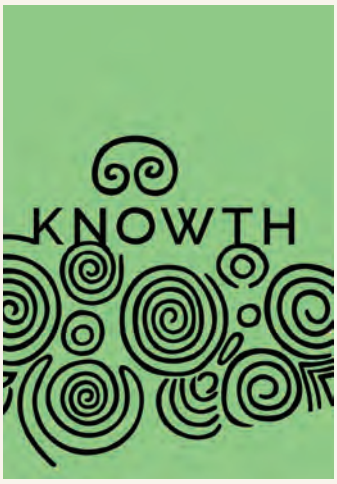
Books

IRISH HISTORIC TOWNS ATLAS No. 31
CORK / CORCAIGH
By H.B. CLARKE and MÁIRE NÍ LAOI
Royal Irish Academy
Cork City Council


Documents on IRISH FOREIGN POLICY
Volume XIV
1969~1973

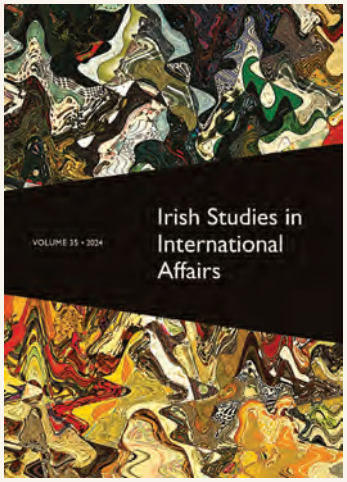

THE IRISH ART OF CALLIGRAPHY
A step-by-step guide
TIMOTHY O'NEILL

Irish Food History
A Companion
WINNER 2024
an post IRISH BOOK AWARDS
'A landmark publication'
—Darina Allen


KNOWTH

Journals

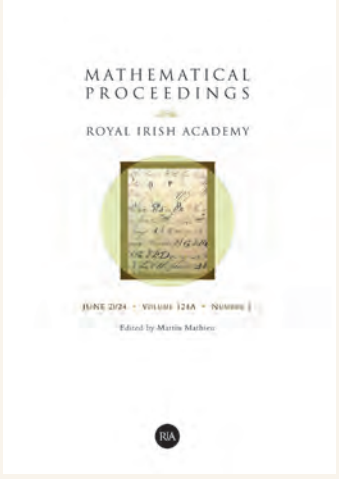
ÉRIU

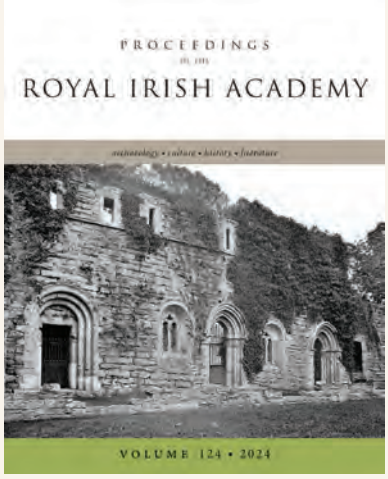

Irish Studies in International Affairs
VOLUME 35 • 2024

BIOLOGY AND ENVIRONMENT
PROCEEDINGS OF THE ROYAL IRISH ACADEMY

BIOLOGY AND ENVIRONMENT
PROCEEDINGS OF THE ROYAL IRISH ACADEMY

Irish Journal of Earth Sciences
VOLUME 42 • 2024
GEORGE DEMETRIUS SEVASTOPULO


MATHEMATICAL PROCEEDINGS
ROYAL IRISH ACADEMY


PROCEEDINGS
ROYAL IRISH ACADEMY
VOLUME 124 • 2024

Journals

Launch of volume 42 of *Irish Journal of Earth Sciences*, dedicated to Professor George Sevastopulo

On 28 August, the President of the Royal Irish Academy welcomed guests to a special reception at Academy House to launch volume 42 of the *Irish Journal of Earth Sciences*, dedicated to the late Professor George Demetrius Sevastopulo. Attendees included members of the Sevastopulo family, friends and colleagues of George from the geoscience community, the journal editors and several contributors to the volume.

George was a long-time member of the Royal Irish Academy and was first elected to membership in 1988. He quickly became involved in various Academy activities, being a member of the Praeger Committee that dispenses funds for natural history research projects, and the Academy nominee on the board of *The Irish Naturalist* journal. He also served at times on what was then the National Committee for Geology, and more recently chaired the Culture and Heritage Working Group. George was a Vice-President of the Academy from 2003 to 2004. Known to many geologists as 'the purple journal', the peer-reviewed *Irish Journal of Earth Sciences* (IJES) has been published by the Royal Irish Academy since 1984. It publishes original scholarship, discussion papers and reviews on any broad topic of Earth science interest, geology and palaeontology.

More information about IJES and how to submit research to the journal can be found at www.ria.ie/publishing-house/journals/irish-journal-of-earth-sciences/

Journal editors Patrick Wyse Jackson MRIA and John Murray pictured with RIA President Pat Guiry.

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The Library acknowledges all individuals and institutions for their support of our collections and connected activities, including P. Donlon MRIA and multiple anonymous donors.

The following bodies provided sponsorship:

- Irish Historical Studies Publications provided sponsorship for the maintenance of Irish History Online.
- The Heritage Council provided funding for the project 'The Birds of Ireland: Curating the Richard J. Ussher Collection at the Royal Irish Academy'.

The Academy would like to express its sincere thanks to the following members, institutions and individuals who lent us their support in 2024. Accredited Genealogists Ireland, D. Coleman MRIA, P. Coxon MRIA, C. Day MRIA, J. Dillon MRIA, J. Kelly MRIA, C. Maggs MRIA, J. McGilp MRIA, S. Ó Coileáin MRIA, A. Simms MRIA, G. Wrixon MRIA.

The Academy also acknowledges the support of those donors who wished to remain anonymous.

Summary of Accounts for the year ended 31 December 2023

Statement of Income and Expenditure	2023 (€)	2022 (€)
Income		
State grants	8,508,416	6,463,981
Other grants	649,368	410,418
Sponsorship income	53,437	18,177
Other income	1,156,084	418,611
Deferred pension funding	1,271,000	973,000
	11,638,305	**8,284,187**
Expenditure		
Staff costs	6,573,955	6,013,660
Accomodation and establishment	287,706	151,681
General administration	897,531	407,075
Publication costs	276,060	275,052
Conference and meeting expenses	248,225	148,042
Grants and awards	1,749,998	784,547
Book purchases and international subscriptions	73,023	62,931
Depreciation	40,001	18,266
	10,146,499	**7,861,254**
Operating surplus for the year	**1,491,806**	**422,933**
Unrealised (loss)/ gain on investments	(386,040)	(549,326)
Transfer to Capital Account	(87,895)	(40,914)
Transfer from/(to) Endowment Funds	(245,577)	267,880
Transfer from Restricted Reserves	(5,711)	8,634
Surplus for the year	**766,583**	**109,207**

The Academy's financial statements have been prepared under the accruals method of accounting, and in accordance with generally accepted accounting principles under the historical cost convention, except for income from the Oireachtas Grant, which is accounted for on a receipts basis. Financial Reporting Standards recommended by the recognised accountancy bodies are adopted as they become operative.

Summary of Accounts for the year ended 31 December 2023

Statement of Financial Position	2023 (€)	2022 (€)
Fixed Assets		
Property, plant & equipment	157,072	69,177
Heritage assets	32,500	32,500
Funds and projects financial assets	4,994,510	4,622,884
	5,184,082	**4,724,561**
Current Assets		
Inventory	139,027	142,604
Receivables	132,766	72,138
Cash at bank and in hand	5,884,952	5,878,838
	6,156,745	**6,093,580**
Current liabilities (amounts falling due within one year)		
Payables	(773,036)	(464,962)
Deferred income	(4,080,087)	(4,971,241)
	(4,853,123)	**(5,436,203)**
Net current assets	**1,303,622**	**657,377**
Total assets less current Liabilities before pensions	**6,487,704**	**5,381,938**
Deferred pension funding	22,626,000	19,309,000
Pension Liabilities	(22,626,000)	(19,309,000)
Net assets	**6,487,704**	**5,381,938**
Financed by:		
Capital account	157,072	69,177
Endowment Funds – Expendable	2,871,155	2,625,578
Endowment Funds – Permanent	32,500	32,500
Restricted Reserve	342,506	336,795
Income and expenditure account	3,084,471	2,317,888
	6,487,704	**5,381,938**

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