



ROYAL IRISH ACADEMY

ACADAMH R OGA NA HÉIREANN

Ireland's Academy for the sciences and humanities

ANNUAL REPORT

2002 - 2003

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Cover Illustration: Members of the Academy who are/were also Nobel Laureates: Ernest Walton, Seamus Heaney, William B. Yeats, Albert Einstein Hon. MRIA and Erwin Schrödinger.

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ACADEMY MISSION STATEMENT

The Royal Irish Academy, the academy for the sciences and humanities for the whole of Ireland, will vigorously promote excellence in scholarship, recognise achievements in learning, direct research programmes and undertake its own research projects, particularly in areas relating to Ireland and its heritage. It will reflect upon, advise on and contribute to public debate and public policy formation on issues of major interest in science, technology and culture. It will continue to offer an independent forum to Irish scholars; it will provide a network of support for scholarly disciplines through its network of national committees and commissions; it will maintain and enhance its unique library; it will publish scholarly papers; and it will represent the world of Irish learning internationally.

KEY ACHIEVEMENTS 2002–2003

- Adoption of the Academy's Strategic Plan
- Appointment of the Secretary for International Affairs (Professor Luke Drury)
- Establishment of an Executive Committee to oversee the day to day working of the Academy
- Inauguration of the China—Ireland Exchange Scheme
- Conference for policy-makers: 'Making Sense of Sellafeld'
- Conference: 'Natural and Cultural Landscapes—The Geological Foundation'
- Conference: 'Conflict Resolution: Ireland and Beyond'
- Conference: 'Mosaic or Melting Pot?—Living with Diversity'
- Inauguration of the Royal Irish Academy/*Irish Times*/DEPFA BANK plc Hamilton Prize/Lecture
- Inauguration of the Royal Irish Academy/*Irish Times*/DEPFA BANK plc Public Lectures to promote awareness of science
- Publication of the *Cathach* on CD-ROM
- Publication of *Dublin, part I, to 1610*, the first in the Irish Historic Towns Atlas city series
- Publication of volume III of *Documents on Irish Foreign Policy 1926–32*
- Publication of volume III of *New Survey of Clare Island—Marine Intertidal Ecology*
- Funding agreement between the HEA and the Atlantic Philanthropies for an Academy Library project
- Launch of the Irish Council for Bioethics and its three working groups



COUNCIL 2003–04

President:	M.E.F. Ryan	
Committee of Science:	L.O'C. Drury (Int. Relations Secretary) A.F. Hegarty G.F. Imbusch (Senior Vice-President) J. Ross M.C. Sexton F.J. Smith (Treasurer)	J.N. Flavin C.H. Holland M.J. Nelson G.D. Sevastopulo (Vice-President) J.A. Slevin (Science Secretary)
Committee of Polite Literature and Antiquities:	M. Bric (Secretary) R. Gillespie E.M. Meehan (Vice-President) D. Ó Cróinín (Vice-President) B. Raftery P.D. Sweetman	M.E. Daly (Secretary) A.P.W. Malcomson B. Murphy P. Ó Riain (PL&A Secretary) E. Shee Twohig

EXECUTIVE COMMITTEE 2003–04



Dr Michael Ryan,
President



Professor Jack Smith,
Treasurer



Professor Mary
E. Daly, Secretary



Professor Frank
Imbusch, Senior
Vice-President



Dr James Slevin,
Science Secretary



Professor Pádraig Ó
Riain, Humanities
Secretary



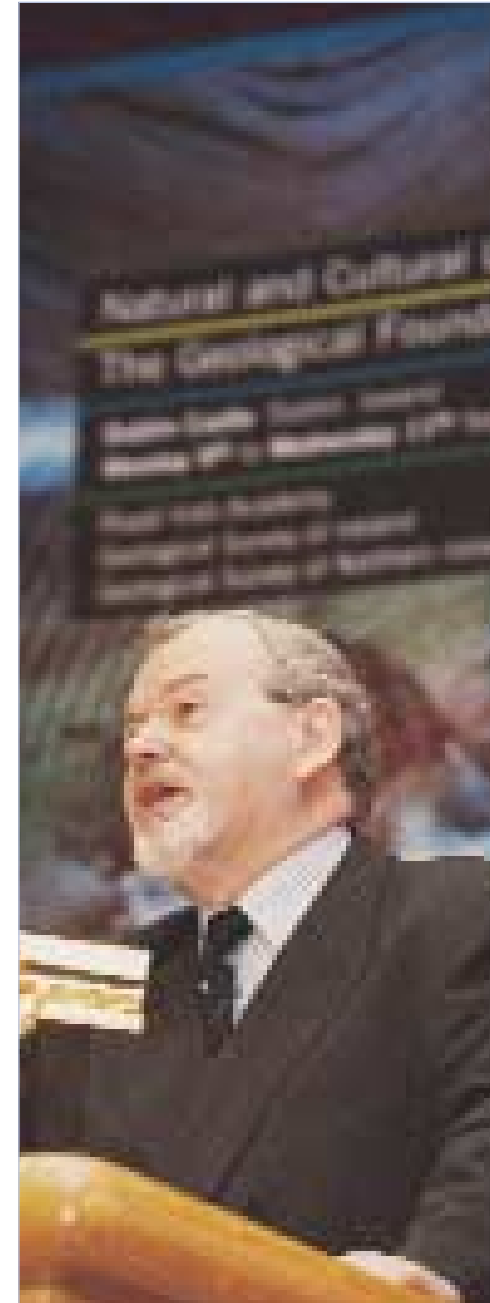
Mr Patrick Buckley,
Executive Secretary



Ms Lesley Goulding,
Staff Representative

PRESIDENT'S REPORT

TO BE OF SERVICE



The year 2002–03 has been one of great change in the Academy. The adoption of the Academy's Strategic Plan in November 2002 gave us a series of targets to hit and a stronger focus for our continuing projects and activities. Evidence of this is seen in the dialogue with the wider Academy family aimed at making the National Committee structure more effective. The proposal to create a single life sciences committee is an important first step in the process. Committees are being asked to look carefully at their activities and to streamline the manner in which they conduct their business. The Life Sciences Committee will be the first of the new expert multidisciplinary committees that the Academy will develop. The Committee's remit will cover areas that have become crucial to our university research establishment and that have been identified by government as key to the economic future of the island. The Life Sciences Committee will contribute to the formation of public policy and promote public debate in areas of concern.

The Academy is excited by the potential of wider multidisciplinary committees in the sciences and humanities and is committed to giving them its fullest support. Informing public policy and promoting public understanding are key responsibilities that the Strategic Plan identified for the Academy. During the year in which the review took place the Irish Council for Bioethics began its work under the aegis of the Academy. We are proud to have accepted the responsibility for establishing the Council and for providing it with essential services, which include a home. We shall be scrupulous in protecting its autonomy.

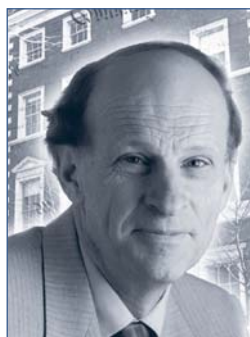
In 2002–03 the Academy identified other new ways by which it could serve Irish society. It organised a conference on the implications of the Sellafield Nuclear Reprocessing Plant aimed specifically at decision-makers, both political and administrative. It enhanced its programme of public lectures on science with the generous support of the *Irish Times* and DEPFA BANK plc, and reached an audience of over 2000 in Dublin. Next year we hope that some of these lectures will take place at other centres. Planning for the Academy's first dinner/discussion event also began. The meeting, which takes place in October 2003, will bring together representatives from each sector of society to discuss the challenges facing Irish universities. Our objective for 2003–04 is to further expand this type of activity so as to help create what the Tánaiste, Ms Mary Harney, TD, in her landmark address to the Academy in January 2003, called 'a civic science' in Ireland.

In 2003–04 we will continue to implement the Strategic Plan and to strengthen and improve the service the Academy provides to Irish society and to its Members and National Committees. The Academy is uniquely placed as the major independent multidisciplinary body on this island to promote debate and analysis about our culture and our future as we develop the knowledge society.



Dr Michael Ryan, PRIA

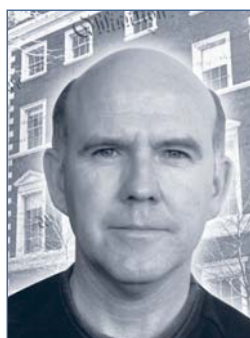
NEW MEMBERS — SCIENCE



John Fuller Atkins, Science Foundation Ireland, born in 1944, is a very distinguished molecular geneticist with an outstanding international reputation for his major contributions to our understanding of the way in which genetic code is decoded. While a PhD student in Trinity College, Dublin, he was the co-discoverer of mutant non-triplet reading of the genetic code. He elucidated some of the mutant mechanisms while working in the Biochemistry Department in University College Cork. In the University of Utah he discovered several attributes of Recoding—reprogrammed genetic decoding. He is co-editor of the book, *The RNA World*, now in its second edition. He was one of the first Irish scientists elected to the European Molecular Biology Organisation (EMBO) and is currently Director of Biology and Biotechnology at Science Foundation Ireland.



Michael Bevan Jones, Professor of Botany at Trinity College, Dublin, was born in 1946. His main research interests are in climate-plant interactions, particularly the effects of climate on photosynthesis, growth and productivity. He is internationally recognised for his research on plants with C₄ photosynthesis, their adaptation to temperate climates and their potential uses as energy crops. His current work focuses on the effects of changing climate and, in particular, the effects of rising levels of atmospheric carbon dioxide on agricultural and natural grasslands. He is Botanical Editor of *Biology and Environment*, *Proceedings of the Royal Irish Academy*. As coordinator of a number of EU projects and a partner in many others, he collaborates with many other institutes world wide including INRA in France, CEH in the UK, Cesia in Italy, GSF in Germany and INPA in Brazil.



John McGilp, Trinity College, Dublin, was born in 1951. He read Chemistry at New College Oxford, and then moved to the Department of Physics, University of Liverpool, where he obtained a PhD in 1976 on 'Studies of Solid State Auger and Photoemission Spectra using Soft X-ray Excitation'. He was appointed Lecturer in the Department of Physics, Trinity College, Dublin, in 1977 where over a number of years he built up an experimental research group in surface and interface physics. He has established an international reputation in the area of surface optical response, where he is one of the leaders in Europe in the emerging field of 'epioptics'. He has over 100 peer-reviewed publications, and is extensively cited. His current research is concentrated on understanding and exploiting both the linear and non-linear optical response of metallic and semiconducting surfaces and interfaces using ultra-short laser pulses.



Anthony Moran Senior Lecturer in the Department of Microbiology, National University of Ireland, Galway, was born in 1960. The research for which he has an international reputation focuses on microbial biochemistry and glycobiology. He has combined biochemical and structural studies of bacterial-derived molecules with investigations of how these molecules interact with the host, and has gained novel insights into microbial activation of the immune system and defensive mechanisms. His basic science studies in glycobiology on sugar-related molecules of bacterial and human origin have led to a new appreciation of their role in disease development, including autoimmunity, and are of relevance to the fields of bacteriology, infectious diseases, immunology, toxicology, neurology and gastroenterology.



Fionn Murtagh, Professor in the School of Computer Science, Queen's University Belfast, was born in 1954. His research involves the application of advanced statistical methods and clustering algorithms in pattern recognition problems in the areas of astronomy, medicine and communications. He is internationally recognised for the quality of his research, having held posts in Germany, France, Italy and USA. He is one of the leading European computer scientists, as reflected in his editorship of the prestigious computer science journal, *Computer Journal*. Earlier in his career he represented Ireland on the EU Joint Research Centre and the Space Science Department of the European Space Agency. He is currently a member of the National Committee for Astronomy and Space Research.



Fergal O'Gara, Professor of Microbiology and Director of the BIOMERIT Research Centre at University College Cork, was born in 1949. He is one of Ireland's leading molecular biologists in the field of plant and soil microbes and has a strong international profile. During his career, he became a leading expert on nitrogen fixation and later iron assimilation and antibiotic production. He has produced a formidable body of work in a competitive field, a remarkable intellectual achievement. Since 1993 he has played a number of major roles at European level, including: Director of the EU Biotechnology IMPACT Project; Vice-President of the EU Scientific Committee on Plants; Chairperson of the EU Scientific Committee on GMOs; Chairperson of the EU Life Sciences Panel; elected member of the European Environmental Research Organisation (EERO).



Patrick Shannon, Head of the Department of Geology at University College Dublin since 1999, was born in 1952, and is an authority on Irish offshore Geology. He has been the driving force in highlighting the importance of Irish continental shelf geology to a wide international audience. He has used Irish basins in a fundamental generic way to test models of depositional systems, structural evolution and petroleum generation that are applicable globally. His many and diverse publications reflect this breadth and depth of contribution. Prior to joining the staff of University College Dublin in 1983, he worked at the University of Newcastle-upon-Tyne, the Geological Survey of Ireland and the Petroleum Affairs Division of the Department of Energy. In University College Dublin he set up and now leads the Marine and Petroleum Geology Research Group. He is a member of the National Committee for Geology and the National Committee for Geodesy and Geophysics.



Malcolm Smyth, Professor of Analytical Chemistry and Dean of the Faculty of Science and Health at Dublin City University, was born in 1951. His research has spanned a wide variety of areas of biological, industrial and environmental importance, such as the development of novel biosensor technology based on enzymes and antibodies, fundamental studies of the mode of action of industrial sealants, and the chemical analysis of important compounds in various foodstuffs/beverages. His work has been recognised by two major awards for such research from the Royal Society of Chemistry, and he currently serves on the Editorial Boards of six international analytical chemistry journals. He is regarded as one of the world leaders in the development of electrochemical biosensors. He was named in the recent ISI survey of international chemists as being in the top one per cent of chemists cited by his peers.



John Waddington, Professor of Neuroscience in the Department of Clinical Pharmacology in the Royal College of Surgeons, Ireland, was born in 1952. His research in both preclinical and clinical neuroscience is widely recognised both within Ireland and internationally. His work has added substantially to our understanding of the biology and pharmacology of schizophrenia and related illnesses, particularly the early developmental origins of psychotic illness, the relationship of cognitive impairment to movement disorder, and elucidating the functions of brain sites at which antipsychotic drugs act. His scientific papers have appeared in all the leading psychiatric journals together with internationally prestigious journals such as *Nature*, *Science*, *British Medical Journal* and *The Lancet*.



James Walters, Professor of Theoretical Physics in the Department of Applied Mathematics at Queen's University Belfast, was born in 1944. His research is primarily in the area of theoretical and computational atomic and molecular physics, although he has also published papers on high energy physics and chemical engineering. He is one of the foremost experts on coincidence studies of ionization and atomic collisions involving antimatter.

NEW MEMBERS — HUMANITIES



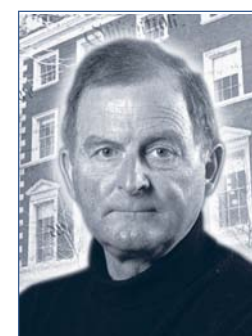
Pádraig Breatnach, Professor of Classical Irish at University College Dublin since 1987, was born in 1947. A graduate of University College Cork and the University of Munich, he first won scholarly recognition with the publication of his edition in German of a thirteenth-century Latin history of Irish Benedictine foundations in Regensburg (Munich 1977). He has published many excellent editions of classical modern Irish poems and is recognised as a foremost interpreter of the genre. He has also made valuable contributions to the study of early modern Irish prose. A range of important early modern and modern Irish literary themes is discussed in his *Téamaí Taighde Nua-Ghaeilge* (1997). He is an alumnus of the National Humanities Center, USA (2000–01). Since 1986 he has been editor of *Eigse*, the journal of Irish studies published by the National University of Ireland.



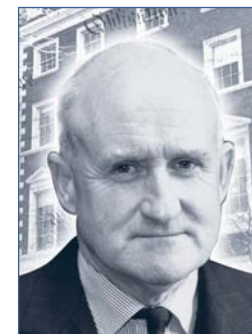
Howard Clarke, Senior Lecturer in the Department of Medieval History, University College Dublin, was born in 1940. He is a leading authority on the history of medieval Dublin, on which he has recently published the fascicle covering the period from earliest times to 1610 as part of the Academy's Irish Historic Towns Atlas project, of which he is also one of the general editors. He was a founding member of the Friends of Medieval Dublin in 1976 and was the organisation's chairman from 1986 until 1998. He is also one of the trustees of the Dublinia project and is director of its research programme. Other recent publications include a study of the town of Draguignan in Provence.



Jane Conroy, National University of Ireland, Galway, was born in 1947, and holds a Doctorate in Letters from the Sorbonne. The main focus of her research is literature and intellectual history of the early modern period, in particular, issues of identity and cultural transfer between France and other countries. Recent publications include an extensive study of French representations of Britain in the seventeenth century (*Terres tragiques. L'Angleterre et l'Écosse dans la tragédie française au XVIIe siècle*). She was awarded a Government of Ireland Senior Research Fellowship in 2001–02. Her current research deals with perceptions of Ireland by French travellers from the seventeenth to the nineteenth century, and she is one of the directors of a research team on travel literature within the Centre for the Study of Human Settlement and Historical Change (National University of Ireland, Galway) funded by the HEA.



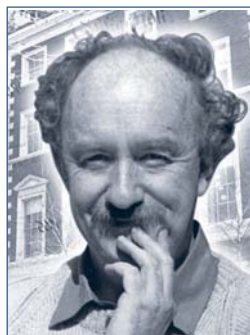
Tom Garvin, Professor of Politics at University College Dublin since 1991, was born in 1943, and is one of the world's foremost authorities on contemporary Irish political history. He is a Fulbright Scholar and an alumnus of the Woodrow Wilson International Centre for Scholars, Smithsonian Institute, Washington, DC, and has taught at University College Dublin, the University of Georgia, Colgate University and Mount Holyoke College. His books combine a keen appreciation and knowledge of recent Irish history with the insights of modern political science, and include: *The Evolution of Irish Nationalist Politics* (1982); *Nationalist Revolutionaries in Ireland* (1987); *1922: The Birth of Irish Democracy*; and *Mythical Thinking in Political Life* (2001). He is currently working on the politics of Irish economic and social development.



Dermot Gleeson, Senior Counsel, Chairman-Designate of AIB and former Attorney General (1994–7), was born in 1948. While most of his work has been in Ireland's High Court and Supreme Court, he has appeared on a number of occasions before the European Court of Justice, the European Court of Human Rights and the European Commission on Human Rights. His areas of special interest are constitutional, commercial and administrative law and human rights. He is a member of the Board of Independent News & Media plc and is vice-chairman of the Irish Council for Bioethics.



James Kelly, Head of the History Department at St Patrick's College, Drumcondra, and one of the foremost historians of eighteenth-century Ireland, was born in 1959. All his scholarly work is a monument to his true mastery of the sources. His impressive publications straddle political, economic and social history. His publications include: *Prelude to Union: Anglo-Irish politics in the 1780s* (1992); *'That Damn'd thing called honour': duelling in Ireland 1570–1860* (1995); *Henry Flood: patriots and politics in eighteenth-century Ireland* (1998); *Gallows speeches from eighteenth-century Ireland* (2001); and a large and diverse range of essays and book chapters. He is currently President of the Irish Historical Society.



Declan Kiberd, University College Dublin, is internationally recognised as one of the leading contemporary authorities on Anglo-Irish literature. He brought to the study of the subject a training in both English and Irish literatures, which has been of crucial importance to his grasp of the area, as shown already in his first pioneering monograph *Synge and the Irish Language* (1979). He has also been able to place Irish writing in English in the wider context of other post-colonial literatures, and this is the notable feature of his hugely successful and influential book *Inventing Ireland* (1995). This work has made a major impact in the academic understanding of its subject. His most recent book *Irish Classics* (2000) won the Truman Capote Prize for the best work of criticism in English in its year of publication.



Dermot Moran, University College Dublin, graduated with First Class honours in both Philosophy and English in 1973 and obtained his PhD at Yale in 1986 with a thesis subsequently published by Cambridge University Press as *The Philosophy of John Scottus Eriugena* (1989). In 2000 he published his widely acclaimed introduction to *Phenomenology* (Routledge), which won the Ballard Prize in 2001, and the following year he published a new edition of *Husserl's Logical Investigations* as well as co-editing *The Phenomenology Reader* (both Routledge). Since 1993 he has been editor of the *International Journal of Philosophical Studies*. He is one of the few philosophers anywhere in the English-speaking world to have established himself as an internationally recognised expert in both contemporary European philosophy and medieval philosophy.



Eunan O'Halpin, Professor of Contemporary History at Trinity College, Dublin, specialising in twentieth-century Irish and British history, was born in 1954. His recent research has focused on aspects of domestic and international security. This is reflected in his *Defending Ireland: the Irish state and its enemies since 1922* (1999) and his edition of *MI5 and Ireland, 1939-45: the official history* (2003). His works add significantly to our understanding of modern Ireland, as well as to more general aspects of intelligence and state security policy.



William Nial Osborough, Professor of Law at University College Dublin, highly respected among the international community of legal historians. He was born in 1939. He has done a great deal over the last three decades to increase our knowledge, understanding and appreciation of Irish legal history and is one of the most distinguished academic lawyers in Ireland. His book, *Law and the emergence of modern Dublin: a litigation topography for a capital city* (1996), is seen as an original way of approaching the subject of legal history.



Hugh Malcolm Ridley, Professor of German at University College Dublin, was born in 1942. His main scholarly interests lie in the field of nineteenth- and twentieth-century cultural theory and criticism. He is internationally known for his work on Nietzsche, Wagner and the novelists and poets of the German modernism, including those of the Weimar Republic. His most recent books have been on Thomas Mann (including one on *Buddenbrooks*) and the Expressionist doctor-poet Gottfried Benn. Hugh Ridley also made a major contribution to the intellectual concept underlying the ERASMUS Programme.



Peter Sutherland, Chairman and Managing Director of Goldman Sachs International, was born in 1946. He was Attorney General in 1981-2 and 1982-4 and EU Commissioner responsible for Competition Policy and Social Affairs from 1985 to 1989. In 1993 he became Director General of the General Agreement on Tariffs and Trade (GATT) and subsequently he became the first Director General of the World Trade Organisation. When he left that position in 1995 he rejoined the board of British Petroleum (BP) as Deputy Director. In 1997 he became Chairman of BP and when BP merged with Amoco in 1998 he became non-executive Chairman of the new company.



HONORARY MEMBERS

Derek Briggs, Professor of Palaeontology at Yale University, and is amongst the ten most eminent palaeontologists in the world. His academic achievement was recognised by his election to the Royal Society in 1999 and with the award of the Boyle Medal by the Royal Dublin Society (RDS) in 2001. He is the foremost expert in the study of the processes of preservation of fossils and of exceptionally preserved biotas.



Murray Gell-Mann, Professor and Co-Chairman of the Science Board of the Santa Fe Institute, he was awarded the Nobel Prize for Physics in 1969 for his work on the theory of elementary particles. His 'eightfold way' theory brought order to the chaos created by the discovery of some 100 particles in the atom's nucleus. He found that all of those particles are composed of fundamental building blocks that he named quarks. He took the spelling of quark from James Joyce's *Finnegan's Wake*. He is regarded as one of the world's outstanding scientists and is pre-eminent among Nobel prize-winners. He gave the inaugural Hamilton lecture in Dublin on 16 October 2002.



Onora O'Neill, Principal of Newnham College, Cambridge, was born in 1941. She has written widely on political philosophy and ethics, international justice, bioethics and the philosophy of Immanuel Kant. Her books include *Bounds of justice* (2000); *Towards justice and virtue* (1996); *Constructions of reason: exploration of Kant's practical philosophy* (1989); and *Faces of hunger: an essay on poverty, development and justice* (1986). She has chaired the Nuffield Council on Bioethics and the Human Genetics Advisory Commission and she is currently chair of the Nuffield Foundation. She has been President of the Aristotelian Society and a member of the Animal Procedures (Scientific) Committee. In 1999 she was made a life peer as Baroness O'Neill of Bengarve, and sits as a crossbencher.

DISTINCTIONS CONFERRED ON MEMBERS 2002–03

M. Atiyah (Hon. MRIA) was elected a Foreign Member of the Spanish Royal Academy of Sciences.

M. Bric was appointed a member of the Higher Education Authority.

A. Buttimer, President of the the International Geographical Union (IGU), presented the The International Geographical Union's Planet and Humanity Award to Nelson Mandela at the IGU Regional Conference in Durban, August 2002.

R. Caldicott was awarded the Houghton Library Fellowship, Harvard University, MA; the Irish Government Senior Research Fellowship for the preparation of a monograph on the little-known publishing career of the French actor-playwright, Molière; and signed a contract with Editions Gallimard for the production of a new edition of the complete works of Molière in the Pléiade series.

B.M.S. Campbell was appointed to the Scientific Committee of the Datini Institute, Prato.

P.J. Cannon was elected a Fellow of the Institute of Linguists (UK) in April 2002.

M.C. Carey (Hon. MRIA) received the Ismar Boas Medal of the German Society for Digestive and Metabolic Diseases in Bonn Germany.

F. Crick (Hon. MRIA) was awarded the Life Sciences Achievement Award from the University of California and the Distinguished Service Award from the Miami Nature Biotechnology Winter Symposium.

A. Dalgarno (Hon. MRIA) was awarded the Hughes Medal of The Royal Society in 2002 and appointed the Jan Hendrik Oort Professor of the University of Leiden and the Charles and Martha Hitchcock Professor of the University of California at Berkeley in 2003.

G. Eogan received a DLitt (Hon.) from Trinity College, Dublin.

G.M.D. FitzGerald received one of the Irish World Awards in recognition of his political career at a major gathering of Irish emigrants in London.

M.R. Flannery (Hon. MRIA) was awarded the 'Alumnus Illustrissimus' award of St Columb's College, the Sir David Bates Prize from the UK Institute of Physics, and the Beams Award of the Southeastern Section of the American Physical Society (SESAPS) for outstanding research.

R.H. Grubbs (Hon. MRIA) received the Arthur C. Cope Award (American Chemical Society (ACS) Division of Organic Chemistry), the ACS award for Creative Research in Homogenous or Heterogeneous Catalysis (Shell Oil Foundation), the Richard C. Tolman Medal (Southern California Section ACS), and the Linus Pauling Award (University of Oregon).

T.P. Hardiman was awarded the Charter Day Medal (University College Dublin) in recognition of his major contribution to Ireland and to University College Dublin.

F.E.P. Hirzebruch (Hon. MRIA) was awarded the Helmholtz Medal of the Berlin-Brandenburg Academy of Sciences and an Honorary Doctorate from the University of Oslo.

D. Kiberd was awarded the Truman Capote Prize for his book on literary criticism published in English by The Iowa Writer's Programme.



F. Crick (Hon. MRIA)



D.G. Walmsley



M. Robinson



J.V. McCanny

S.J. Lippard (Hon. MRIA) was awarded the Basolo Medal, Chicago Section of the American Chemical Society and Northwestern University and the Theodore William Richards Medal.

D.N. Livingstone was awarded an OBE for his achievements in geographical research and publication and featured in the Queen's Birthday Honours list. He was also elected to Membership of the Academia Europaea and of the Academy of the Learned Societies for the Social Sciences (AcSS).

V.J. McBrierty was awarded the Papal Knighthood in the 'Order of St Gregory' (K.S.G.)

J.V. McCanny was awarded a CBE in the Queen's Birthday Honours list.

A.G. O'Farrell was awarded the President's Prize for Research by the National University of Ireland, Maynooth.

P.S. Ó Riain was awarded the Derek Allen Prize (Celtic Studies) from University College Cork.

R. Penrose (Hon. MRIA) was awarded the Order of Merit in 2000 and an Honorary degree from University of Southampton in 2002.

W.K. Pritchett (Hon. MRIA) was elected 'Ehrenurkumale' in the Ernest Kirsten Gesellschaft.

T.M. Rice (Hon. MRIA) received the Joseph Hirschfelder Prize in Theoretical Chemistry in 2002, which is awarded by the University of Wisconsin, and was also admitted as a Fellow of The Royal Society.

M. Robinson received the Félix Houphouët-Boigny Peace Prize from the United Nations Educational, Scientific and Cultural Organisation (UNESCO).

E. Sagarra was an invited speaker to the German Rectors Conference and gave a paper on 'Fontane as historian' to the British Fontane Society at Royal Holloway College. She also chaired the evaluation of the seventeen departments of the Faculty of Arts Evaluation Board at the University of Salzburg.

K.H. Schmidt (Hon. MRIA) was conferred with the Medal of Dignity by the President of Georgia.

Q.R.D. Skinner (Hon. MRIA) delivered the Ford Lectures in the University of Oxford and published a three-volume book entitled *Visions of politics: Vol. I. Regarding method; Vol. II. Renaissance virtues; and Vol. III. Hobbes and civil science*. He also published a two-volume work which he co-edited, entitled *Republicanism: a shared European heritage: Vol. I. Republicanism and constitutionalism in early modern Europe, and Vol. II. The values of republicanism in early modern Europe*.

P.D. Sutherland was awarded an Honorary Doctorate of Science (Econ.) from Queen's University Belfast.

P.F. Wallace was awarded an Honorary Membership of the Royal Institute of Architects in Ireland.

D.G. Walmsley now serves on the Paul Instrument Fund of The Royal Society.

T.K. Whitaker was chosen in November 2002 as the recipient of the ESB 75th Anniversary Award.

DECEASED MEMBERS

The deaths of the following Members in the past year are recorded with regret:

CHARLES FREDERICK CARTER, Hon. MRIA, FBA, Kt, former Professor of Applied Economics, Queen's University Belfast and founding Vice Chancellor of Lancaster University. Elected 1967. Died 27 June 2002.

FREDERICK BASIL CHUBB, MRIA, FTCD (Emeritus), former Professor of Political Science, Trinity College, Dublin. Elected 1969. Died 8 May 2002.

OLIVER ORMOND GERARD MACDONAGH, Hon. MRIA, MA (University College Dublin), PhD (Cambridge), former Professor of History, University College Cork, and Foundation Professor of History, University of Adelaide and The Catholic University, Sydney. Elected 1993. Died 22 May 2002.

THOMAS MURPHY, MRIA, DSc, Professor Emeritus, School of Cosmic Physics, Dublin Institute for Advanced Studies. Elected 1963. Vice-President 1970–72. Died 25 January 2003.

JOHN J. O'MEARA, MRIA, MA, DPhil (Oxon), Professor Emeritus of Latin, University College Dublin. Elected 1953. Vice-President 1966–7 and 1970–71. Died 12 February 2003.

GARETH OWEN, MRIA, DSc, CBE, CIBiol, FIBiol, former Professor of Zoology and Principal of the University College of Wales, Aberystwyth. Elected 1976. Died 4 May 2002.

DAVID CHARLES PEPPER, MRIA, PhD (Cantab), MA, ScD (Dubl), FTCD, Emeritus Professor of Chemistry, Trinity College, Dublin. Elected 1953. Vice-President 1970–71. Died 12 January 2003.

DAVID BEERS QUINN, MRIA, MA, DLitt (QUB), PhD (Lond), DLitt (Hon Newf: NUU; NUI), DHL (Hon: St Mary's, Md; William & Mary, Va), LLD (Hon: NoCarolina), HonFBA, former Andrew Geddes and John Rankin Professor Emeritus of Modern History, University of Liverpool. Elected 1941. Cunningham Medal (2001). Died 19 March 2002.

AWARDS AND PRIZES



Dr Geoffrey McMullan recipient of the Royal Irish Academy award in Microbiology 2003

Tom Cotter
Royal Irish Academy Award in Biochemistry
Sponsored by Schering Plough (Brinny) Co.

Helen Roche
Royal Irish Academy Award in Nutritional Sciences

Geoffrey McMullan
Royal Irish Academy Award in Microbiology

Wesley Brown
Royal Irish Academy Prize for Young Chemists
Sponsored by AGB Scientific Ltd and the *Irish Times*

Brona Murphy
Science Writing Competition
Sponsored by Yamanouchi Ireland Ltd and the *Irish Times*

INAUGURAL HAMILTON PRIZE WINNERS

Sponsored by DEPFA BANK plc

Ms Cliona Martina Cotter, University of Ulster

Mr Martin Hamilton, Queens University Belfast

Ms Sarah Jane King, National University of Ireland, Galway

Mr Sean Lacey, University of Limerick

Mr Anthony Paul Metcalfe, Trinity College, Dublin

Mr Ciaran O'Connell, University College Cork

Ms Sinead Ni Chiagain, University College Dublin

Mr Cian Paul Synnott, National University of Ireland, Maynooth

Ms Jennifer Whelan, Dublin City University

Riana McKeith

Chemistry Essay Prize (2nd Level) 1st Prize 2002

Sponsored by AGB Scientific and the *Irish Times*

Chris Bollard

Chemistry Essay Prize (2nd Level) 2nd Prize 2002

Sponsored by the Royal Society for Chemistry (Irish Branch)

Michael McBreen

Chemistry Essay Prize (2nd Level) 3rd Prize 2002

Sponsored by the Society of Chemical Industry



Ms Brona Murphy, First Prize, Science Writing Competition 2002



Professor Tom Cotter. Recipient of the Royal Irish Academy Award in Biochemistry, 2002



Dr Michael Ryan, PRIA, Ms Sile de Valera, Minister of State at the Department of Education and Science and Ms Riana McKeith recipient of the Chemistry Essay Prize (Second Level) 2002

SCIENCE REPORT

CHINA–IRELAND EXCHANGE PROGRAMME

Ireland and China signed a joint research collaboration agreement on 19 December 2002. Under this agreement, a joint Science and Technology Research Collaboration Fund has been established for the period 2003–06, with a budget of €1 million provided jointly by Science Foundation Ireland (SFI) and the Chinese Ministry of Science and Technology (MOST). SFI has asked the Royal Irish Academy to manage the programme on its behalf.

Aims

- To encourage a network of researchers through the exchange of scientists between the two countries.
- To increase the extent and the quality of exchange between the two countries.
- To encourage the dissemination of research findings within the academic community and generally promote Ireland's participation in the international research arena.

Scope of Fund

The agreement provides for exchanges of leading researchers at third level institutions in Ireland and China (excluding Hong Kong) working in the fields underpinning Biotechnology (BioT) and Information and Communications Technology (ICT). A third related field of interest named in the agreement is New Materials Technology. Work in this area should fall within the broader remit of basic research in the ICT and BioT fields. For further information see: www.ria.ie/international/

INAUGURAL HAMILTON LECTURE

The inaugural Royal Irish Academy Hamilton lecture, sponsored by DEPFA BANK plc and the *Irish Times*, was given by Nobel Laureate for physics, Professor Murray Gell-Mann, to an audience of over 400 people on Hamilton Day, 16 October 2002.

Entitled 'On Hamilton, Bridges and Contemporary Science' Gell-Mann charmed his audience with a stimulating, witty and charming tour-de-force covering a diverse range of topics from various aspects of Hamilton's life, to quaternions, to issues of biodiversity and of course to James Joyce and *Finnegan's Wake*, which provided him with the name *quark*, the name he chose to call the fundamental constituent of matter.

To Gell-Mann, William Rowan Hamilton made an elegant contribution to many discoveries in physics, often without fully realising the potential of his work. His reformulation of Newton's Laws provided a new method for solving mechanics problems and the Hamiltonian mechanics which he developed provided the mathematical basis for the formulation of Quantum Mechanics in the early part of the twentieth century. Gell-Mann speculated that Hamilton might well have discovered this revolutionary theory if experimental methods had been sufficiently advanced in his lifetime to draw attention to the quantum nature of matter. The audience showed their appreciation of Gell-Mann's lecture with a standing ovation.

The 2003 Hamilton Lecture will be given by Professor Andrew Wiles, who is celebrated for his proof of Fermat's Last Theorem and the 2004 Lecture will be given by Professor William Timothy Gowers, winner of the Fields Medal (1998).

EMBEDDING SCIENCE IN OUR CULTURE

On 20 January 2003 Ms Mary Harney, TD, Tánaiste and Minister for Enterprise, Trade and Employment, gave an address to the Royal Irish Academy entitled 'Towards A Civic Science: A Mission for the 21st Century'.

In her address she stressed the importance of 'embedding science in our culture' and creating a 'civic science'. In an editorial the *Irish Times* called this a 'startling new ambition'.

Here are some extracts from that speech:

'By a civic science, I mean a science engaged with and invited into the national dialogue. I mean a science responsive to the public and worthy of the public trust. I mean a science embraced and valued by students, parents, educators, industry and communities, and yes, the government.'

'The new support for Irish science is making it possible for scientific discovery to emerge from a systematic and sustained investment.'

'From the outset, the agencies, the Academy, the researchers, the educators, and the government must ensure that we make clear how and why this investment is of value, not only to researchers but also to the society of which they are a part.'

'But the public believes that the scientific community should be responsive to the social context and moral environment of science policy and spending. And it should be. This means informing the public of the value and nature of scientific and engineering endeavour. It also means engaging with the community to listen and explain, and to build the bond that comes from civic dialogue.'

'When a government provides the funding, science is obligated by definition to become a civic science. And a civic science invokes a civic trust that all of us involved must earn.'

Copies of the Tánaiste's speech are available free of charge from the Academy's Publications Office (e-mail: h.shiels@ria.ie).



Dr Jim Slevin, MRIA, Science Secretary, Tánaiste, Ms Mary Harney, TD, Minister for Enterprise, Trade and Employment, Dr Michael Ryan, PRIA



Professor Jane Grimson, Vice Provost of Trinity College, Dublin, speaking with Dr William Harris, Director General of Science Foundation Ireland



Professor Andrew Wiles who will give the second Inaugural Hamilton lecture on 16th October 2003

NATURAL AND CULTURAL LANDSCAPES — THE GEOLOGICAL FOUNDATION CONFERENCE

The Academy convened an international conference designed to stimulate discussion on the future of our landscape and its geological foundation. It was held in Dublin Castle 9–11 September 2002 and explored themes such as the importance of our geological heritage to tourism and the protection of our natural heritage.

Forty-five speakers from Estonia, Poland, Italy, Kazakhstan, Norway, Ukraine, UK, Italy, Hungary, Russia and Bulgaria addressed 230 delegates from 23 countries.

Nobel Laureate, Seamus Heaney, MRIA, opened the conference with a talk entitled, 'Bog Bank, Rock Face and the Far Fetch of Poetry'. Professor Ed. De Mulder, President of the International Union of Geological Sciences, gave a discourse entitled 'The Last Frontier—Our Subsurface'.

The conference was organised by the Academy's National Committee for Geology in association with the Geological Survey of Ireland and the Geological Survey of Northern Ireland. The North–South cooperation on this event was further expressed by a reception in Dublin Castle jointly hosted by Mr Dermot Ahern, TD, Minister for Communications, Marine and Natural Resources, and Mr Dermot Nesbitt, MLA, Minister for the Environment of Northern Ireland.

The Conference was supported by DEPFA BANK plc, the Academy's conference sponsor, Heritage Council, ProGeo, UNESCO, European Geoparks, Environment Heritage Service (DOENI) and the International Union of Geological Science.

The conference attracted great interest from planners, community groups, policy makers, professionals and people with an interest in landscape and geological heritage. Sessions on Tourism and Recreation, Landscape Management and Promotion, and the Human Impact on Landscape were delivered.

The conference identified the importance of embedding an appreciation of geology in the public consciousness at local, national and international levels. Sustainability of our environment relies upon informed, integrated and balanced decision-making on all land use issues relating to our natural and cultural landscapes.

The proceedings of the conference will be published in 2003.



*Professor Seamus Heaney, MRIA,
Nobel Laureate,
Dr Peadar McArdle, Chairman,
National Committee for Geology
and Dr. Michael Ryan, President,
Royal Irish Academy*

MAKING SENSE OF SELLAFIELD

On 26 September 2002 the Academy convened a conference to explain the science of Sellafield to politicians and civil servants from Dublin and Belfast.

The Academy undertook this initiative to promote dialogue between politicians and policy makers and the scientific community, in particular, those scientists who actually carry out research on radiation issues.

To encourage the free exchange of views the conference was held under Chatham House Rules which allowed for individual views to be expressed confidentially, without future attribution.

The conference, which was jointly opened by Mr Martin Cullen, TD, Minister for the Environment and Local Government and Mr Dermot Nesbitt, MLA, Minister for the Environment, Northern Ireland, provided an opportunity to question scientists on their findings and engage with them on the issues that are of greatest concern:

- Does scientific evidence support the widespread scepticism of all things nuclear?
- Is the Irish sea the most radioactive in the world?
- How strong is the evidence for cancer clusters relating to radioactive emissions from Sellafield?
- What threat do the Sellafield discharges represent for the fish and other food we eat?

Delegates heard papers on the environmental impact of Sellafield, the monitoring of Sellafield, the health effects of radiation at low doses, Sellafield and cancer, and an analysis of risks in the event of a major accident or sabotage at Sellafield.

The conference was co-sponsored by the Radiological Protection Institute of Ireland, the Health Research Board and the Environment and Heritage Service of the Department of the Environment, Northern Ireland.

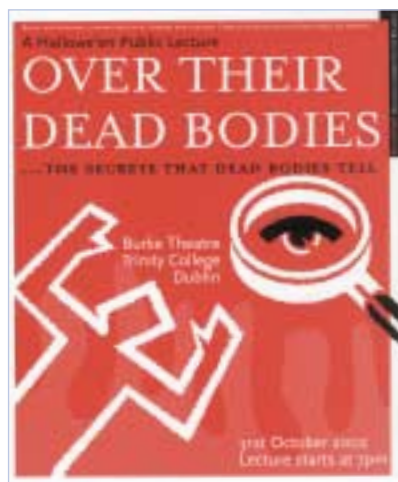


*Dr. Richard Garwin, Senior Fellow for Science and
Technology, Council on Foreign Relations, USA,
whose paper analysed the risks in the event
of a major accident or sabotage at Sellafield*



*Mr Dermot Nesbitt, MLA,
Minister for the Environment, Northern Ireland
Mr Martin Cullen, TD,
Minister for the Environment and Local Government,
Dr. Michael Ryan, President, Royal Irish Academy*

PUBLIC SCIENCE LECTURES



Public Science Lecture Poster

In an effort to promote public interest in science, the Academy, in conjunction with the *Irish Times* and DEPFA BANK plc, began in 2002–03 a series of very successful free public science lectures in Trinity College, Dublin.

The formula for this lecture series was simple: to invite well-known, eminent, engaging scientists to talk about their work. They included:

On Hamilton, Bridges and Contemporary Science
 Professor Murray Gell-Mann Hon. MRIA
 16 October 2002

Over their dead bodies ... The secrets that dead bodies tell
 Dr Louise Sheuer; Dr John Harbison; Professor David Whittaker
 In association with the Linnean Society
 31 October 2002

Brain Research 2002: Advances in Alzheimer's Disease and Multiple Sclerosis
 Professor Des O'Neill; Dr Aisling Ryan; Chaired by Mr Pat Kenny, RTE
 In association with the Alzheimer Society and the Multiple Sclerosis Society
 11 November 2003

Did Adam Meet Eve?—A view from the Genes
 Professor Steve Jones
 4 February 2003

For each lecture there were witty, insightful speakers and capacity audiences of over 400 inquisitive people who proved their mettle in the Q&A sessions that followed every lecture. Radio interviews with these speakers were held on the Pat Kenny and Gerry Ryan radio shows on RTE radio.

In 2003–04 it is hoped to hold a number of these lectures both in Dublin and in the other university towns outside Leinster. The first one will take place in Dublin on 15 September 2003 and the second in Belfast on 16 September 2003. These will feature Professor Wendy Freedman, Director of the Carnegie Observatories.



Professor Steve Jones

State Pathologist, Professor John Harbison with the death mask of Bartholomew Lloyd MRJA (1774 - 1837). Professor Harbison was one of the speakers at the Academy's Hallowe'en Science Lecture titled 'Over their dead bodies - the secrets that dead bodies tell'

IRISH COUNCIL FOR BIOETHICS



Tánaiste, Ms Mary Harney, TD, Minister for Enterprise, Trade and Employment at the launch of the Irish Council for Bioethics in January 2003

The Irish Council for Bioethics was established by the Academy in May 2002 as an independent, autonomous body to clarify the ethical issues raised by developments in biotechnology and to communicate its views to the decision-makers, scientists and the general public.

The Council currently has three working groups addressing bioethical issues of substantive concern. Each group is chaired by a member of the Council, and includes Council members as well as external co-opted experts.

A working group on Human Biological Material is examining the ethical issues relating to the collection, use, retention and disposal of human biological material. The ethical issues confronted by the researcher, research evaluator and the participant in the research are being considered. Some of the issues to be covered include informed consent, use of retrospective/archived material, biobanks and commercialisation of human material. The group will produce a set of recommendations for those working in this field and an information leaflet for the general public.

A working group on Genetically Modified Organisms is investigating the ethical issues surrounding Genetically Modified Foods/Crops with particular reference to the Irish context. A report is being compiled which will discuss issues such as the science of genetic modification of crops, the risks and benefits of the technology, the regulation and legal issues emanating from GM crops and the ethical issues pertinent to GM crops, including categorical objections to genetic modification and consumer choice. The issue of developing countries and GM crops will also be examined. The group is co-operating with the National Committee for Nutritional Sciences in organising a conference entitled 'Ethics and Food' in February 2004.

A working group on Ethics Committees is reviewing the existing practices of Ethics Committees in Ireland. To date, the working group has compiled a comprehensive list of Research Ethics Committees in hospitals, universities and institutes of technology in Ireland. Best international practice in this area has been fully assessed. The aim of the group is to produce guidance on the composition, structure and operation of Ethics Committees in Ireland. These guidelines will take cognisance of the European Clinical Trial Directive 2001/20/EC.

The Council seeks to identify and anticipate potential ethical questions raised by biological and medical research. The work program is based on proposals by Council members and other interested bodies. It is open to review on an annual basis. For further information see: www.bioethics.ie



Dr Siobhan O'Sullivan, Scientific Director and Professor Pat Fottrell MRJA, Chairman before the launch of the Irish Council for Bioethics in January 2003

POLICY REPORT

POLICY FOCUS



IRELAND AND A EUROPEAN RESEARCH COUNCIL

The EU Heads of Government meeting in Lisbon in 2000 set Europe the ambitious task of becoming the foremost knowledge-based economy in the world by 2010.

Through its framework programmes and networking initiatives, its schemes to encourage mobility of researchers, its support for education and training, the EU has sought to develop a European Research Area that will bring together national and transnational bodies to support basic research. It has been argued that the creation of a European Research Council (ERC) is a logical and essential outcome of this process, but no final decision has been taken on whether such a council should be established.

In March 2003 the Academy convened a symposium to discuss the rationale behind the establishment of an ERC—its remit—how it might be funded, and how it should be governed.

Speakers included: Professor Pär Omling, General Director of the Swedish Research Council; Dr Frédéric Sgard, Vice-President EuroScience Association; Dr Maurice Bric, MRIA, Academic Secretary of the Irish Research Council for the Humanities and Social Sciences; Professor Frank Gannon, Executive Director of EMBO; Mr Peter Kind, Head of the DG Research Unit; Professor Ian G. Halliday, Chief Executive, Particle Physics and Astronomy Research Council (PPARC) and Dr Gottfried Schatz, President of the Swiss Science and Technology Council.

The meeting found a strong level of support for the establishment of a European Research Council, that would award funding for research entirely on the basis of the scientific excellence of the proposal.



Professor Par Omling, Director, Swedish Research Council

The main benefits of an ERC were seen as the building of high capacity for, and commitment to, research throughout the Union, thereby supporting educational and industrial/economic performance. The ERC is an important part of the process in creating the European knowledge society and should not be considered a competitor with other instruments, particularly those focussed on applied research (for example, Framework Programmes), Regional Development or youth or other special focus schemes. These are not the functions of an ERC.

The ERC and Ireland

The Irish Presidency of the EU from January 2004 comes at a particularly decisive moment in the development of a Europe-wide drive towards establishing the knowledge society. It is probably impractical to expect that a European Research Council can be established very quickly as work is required in the organisational, budgetary and other practical arrangements.

It would, however, be a considerable achievement in the year of the Irish Presidency of the EU, if a formal decision were to be made to take the necessary steps to initiate the studies of the administrative and budgetary arrangements leading to the formation of a well funded ERC. It should not be difficult to establish a basic blueprint for the ERC and develop pilot schemes of operational practices. There is no need to re-invent the wheel as excellent models already exist for the successful management of research funds (for example, the NSF in the United States is widely admired). The key issue is funding, and here central EU funding will be necessary to enable an ERC to make a significant difference. If basic research is outside the competence of the Commission, then its remit should be broadened by political agreement to include it. It would be misleading to suggest that an ERC could be funded by foundations—there is no tradition of philanthropy in Europe to compare with that in the US. European business/industry may not fund basic research at a serious and consistent level—research is a commodity in some areas to be outsourced and US and Japanese firms based abroad tend to keep R&D at home. There is no alternative to significant central EU funding.

Ireland has a strong interest in the development of an ERC, and given the performance of Irish-trained researchers abroad, we have no reason to believe that applications by Irish researchers will be squeezed out by the competition.



Mr Peter Kind, European Commission, Dr. Ruth Barrington, HRB, Mr Killian Halpin, Science & Technology Division, Forfás



Professor Frank Gannon, Executive Director EMBO

A YEAR IN VIEW



Professor Murray Gell-Mann, Hon. MRIA, with statue of Sir William Rowan Hamilton, MRIA



Senator George Mitchel addressed the annual International Affairs Conference—'Conflict Resolution: Ireland and Beyond'



Dr John Sweeney, Chair of the Irish Committee on Climate Change, Dr John Bowman, Chairman of COMHAR, Dr Nick Betts, Queen's University Belfast



Professor J L Gornam (QUB) and Professor Betty Cannon (Boulder Psychotherapy Institute, Colorado, USA) at the 22nd Annual Conference of the National Committee for Philosophy. The theme of the Conference was Philosophy and Psychonalysis



Media and protesters outside Academy House before the start of the 'Making Sense of Sellafield' Conference



Mr Paul Haran, Secretary General, Department of Enterprise Trade and Employment, at the launch of Science Week which took place in the Academy House in November 2002



Dr Helen Roche, winner of the Royal Irish Award in Nutritional Sciences 2002

HUMANITIES REPORT

MOSAIC OR MELTING POT? — LIVING WITH DIVERSITY CONFERENCE AND PUBLICATION



The Academy, in association with the Irish National Committee of the European Cultural Foundation, held a conference in Academy House in February 2003 to discuss and draw attention to the issues of cultural diversity.

The conference provided a forum in which policy makers and those active in promoting the interests of immigrants could meet each other and discuss matters of mutual concern. It also provided an opportunity for organisations working in related fields to make contact and continue their work together in dialogue and research.

Amongst the speakers taking part were Professor Attracta Ingram (University College Dublin), Professor Malcolm MacLachlan (Trinity College, Dublin), Dr Peter McKenna (Rotunda Hospital), Dr James G. Deegan (Mary Immaculate College, Limerick), Mr Brendan Butler (IBEC), Shalini Sinha (University College Dublin and RTE), Mr Peter Cassells, Executive Chairman of the National Centre for Partnership and Performance and Dr Garret FitzGerald, MRIA.

The Proceedings of the Conference were published with a foreword by Mrs Mary McAleese, President of Ireland. She commends the publication of the conference proceedings 'as an impressive in-depth analysis of, and discussion of, the transition we must make to embrace change'.

This study of the impact of diversity—ranging from attitudes to citizenship and cultural identity, the health and social services implications, attitudes to education and economic independence, and comparisons with what is taking place in the EU generally—provides valuable insights for those engaged in developing multi-cultural, cross-ethnic strategies in the future.

The contributions made from the floor during the round table discussions and Q&A sessions were also included in the conference proceedings publication. This is especially valuable as it allows those who could not attend the conference to hear the full range of views expressed on the day, be they Dr Lusinski's of the Polish Embassy, Dr Anthony Finn's of Emigrant Advice, Adekunle Gomez's of the African Cultural Project, Jean Pierre Eyanga's of Integrating Ireland, Lawrence Oyetunji's of Dublin Bus or any of the other contributors to the conference.

Copies of *Mosaic or Melting Pot?—Living with Diversity* are available from the Academy's publications office and booksellers nationwide.



Professor Malcolm MacLachlan
(Trinity College, Dublin)



MODERN LANGUAGES 29TH ANNUAL RESEARCH SYMPOSIUM — TRAVEL LITERATURE

The 29th Annual Research Symposium was hosted by National University of Ireland, Galway on 8–9 November 2002. Over 100 delegates attended and over 70 papers were given in parallel sessions from speakers from all over Europe as well as Brazil.

The Conference was sponsored by DEPFA BANK plc and National University of Ireland, Galway.

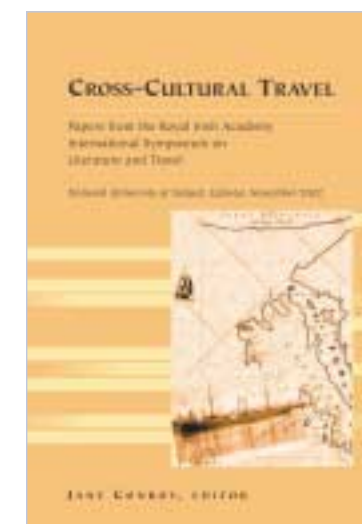
Documentary film-maker and author, Tim Severin, gave a public lecture on 'Seeking Robinson Crusoe' on the Friday evening. His talk included footage from the voyage that took him to the shores of Nicaragua, meeting the Mosquito men, the putative Man Friday and all the way back to a printers shop in London. The lecture was chaired by the Dr Iognáid Ó Muircheartaigh, President of National University of Ireland, Galway, and was attended by over 250 people.

The plenary session, entitled 'Horizons, expectations and where "abroad" begins: travel writing and stereotype between adventure and exploration', was given by Professor Joep Leerssen of the University of Amsterdam. Starting with John Dunton's 1699 trip to Connacht, Leerssen adventurously explored a range of writing from Marco Polo to Calvino and William Dalrymple, and from bardic Irish sources to Ulysses. Leerssen examined the idea that travel writing, like the human skin, both encloses the individual subject and renders the outside sensorily present. While the notion of the experience of being abroad is at the root of travel writing, this experience is ambiguous. The trajectory of travel is by definition an adventurous one, in that a questing subject is turned loose in an unfamiliar, and hence unpredictable and implausible environment. At the same time, that narrative scheme can, like the 'Bildungsroman', turn adventure into a tale of cognitive appropriation and maturation. What links these two poles of travel writing—adventure and exploration, going places and getting know the world—is the set of preconceived knowledge and stereotypes, the horizon of expectations, with which we confront the world abroad.

A keynote address by Professor Luigi Monga, Vanderbilt University, USA, traced literary fiction in Renaissance cartography. Luigi Monga is an expert in Italian literature and politics as well as travel literature in the Renaissance.

International publishers, Lang, will publish the proceedings of the conference in their *Travel Literature* series in November 2003, edited by Jane Conroy, MRIA.

For further information see: www.kristisiegel.com/travelbooks.html



Mr Tim Severin who gave
a public lecture on 'Seeking Robinson Crusoe!'

ENABLING THE RESEARCHER

Dr Paul Ryan, lecturer in French at Waterford Institute of Technology (WIT), was awarded the 'Ulysses' Research Bursary for the year 2001-02 by the National Research Support Fund Board, which is jointly administered by the Royal Irish Academy, Enterprise Ireland, Centre National de Recherche Scientifique (CNRS) and the French Ministry of Education.

This research project funds research and publication of the *Cahiers (Notebooks)* of the great French writer and thinker, Paul Valéry. Volume 8 of the series was published in 2001 and Volume 9 is due out in late 2003. Dr Ryan works as part of an interdisciplinary team at the National Library in Paris, which is made up of members from universities across the world.

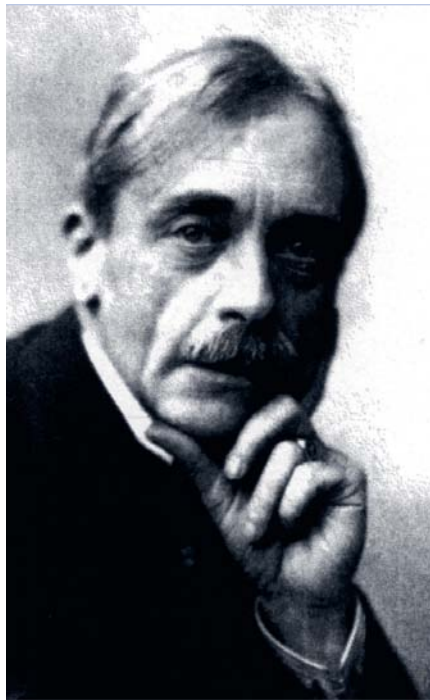
The current integral series that began in the mid-1980s has to date published eight volumes of Valéry's manuscripts, whose typographical presentation includes not only fragmentary texts on a remarkable array of subject matter, but a selection of the numerous schematic representations and drawings that figure on the manuscript page.

Dr Ryan, now a member of the CNRS Valéry group, continues to be 'astounded by the sheer volume, form and diversity of the series' that he first discovered as a post-graduate student fifteen years ago.

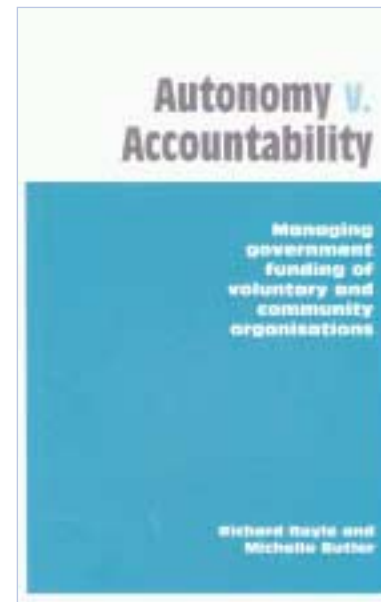
The highly prolific group, which prepares, annotates and edits a text for publication every two years, is contracted to France's largest academic publisher, Gallimard, until 2010, with four more volumes to appear in the present series. When complete, this phase will make approximately 5000 pages of Valéry's manuscripts from 1894 to 1914 available to the public. Between 1914 and his death in 1945, his output of manuscripts increased exponentially, with the entire *Cahiers* totalling approximately 28,000 pages.

Other projects have stemmed from the research group. Dr Ryan is now also involved in the translation of a selection of the manuscripts into English. Work is also underway on an individual research project on Valéry's very extensive graphic work, the idea for which came from a letter from the writer's daughter, Agathe, some years ago.

When asked about the benefits of the funding, Dr Ryan says: 'I am deeply grateful for the funding I received through the Irish partners in the "Ulysses" fund, notably the Royal Irish Academy and Enterprise Ireland, as it has not only enabled me to travel to Paris, where the project is based, but has consolidated my position as a member of the team.'



Paul Valéry



A recent publication the research for which was funded by the TSRP

THIRD SECTOR RESEARCH PROGRAMME

The Third Sector Research Programme made awards totalling over €350,000. The aim of these awards is to encourage a network of researchers with an interest in voluntary or third sector issues, i.e. social economy, non-profit, non-governmental or third-sector organisations and philanthropy to increase the extent and the quality of research in the area and to encourage the dissemination of research findings within the academic community and the voluntary sector itself.

POSTGRADUATE AWARDS 2002

Gladys Ganiel, Department of Politics, University College Dublin
Finding their place in the Kingdom: the politics of fundamentalist protestants and the shaping of Northern Irish civil society after the Good Friday Agreement

Peter Goth, Department of Management and Economics, Queen's University Belfast
Comparative governance structures in nascent, transitional, and mature credit unions in Ireland and Canada

Eileen Humphreys, Department of Economics, College of Business, University of Limerick
The role of public policy in developing social capital in areas of high disadvantage

Aisling McCormack, Department of Sociology, Trinity College, Dublin
From glory to sustainability: the changing roles of civil society in post-conflict reconstruction and nation-building

POSTGRADUATE ESSAY PRIZES 2002

The assessment panel recommended one award worth €1,270:

Declan Redmond
Trinity College, Dublin
'Tenant participation: empowering tenants?'

The web page is hosted on the Academy website at:
www.ria.ie/committees/tsrp/

RESEARCH AWARDS 2002

Mr Nicholas Acheson, Centre for Voluntary Action Studies, University of Ulster, Coleraine 'Voluntary and community organisations and the PEACE II programme in Ireland: local partnerships and social exclusion'	€ 55,000
Dr Mary Corcoran, Dr Jane Gray and Dr Michel Peillon, Department of Sociology, National University of Ireland, Maynooth e-mail: mary.corcoran@may.ie 'Social capital in new suburbs: the role of voluntary and community activity'	€ 33,000
Dr Freda Donoghue and Mr Andrew O'Regan, Centre for Non-profit Management, School of Business Studies, Trinity College, Dublin e-mail: freda.donoghue@tcd.ie 'Third sector organisations, county identity and the generation of social capital in Ireland'	€ 39,687
Mr Dermot Feenan, LLB, MA, LLM, Barrister-at-Law, School of Law, University of Ulster e-mail: D.Feenan@ulster.ac.uk 'Challenging sexuality from the margins: gay, lesbian and bisexual activism in civil society'	Stg£7,313
Dr Alice Feldman, Sociology Department, University College Dublin e-mail: alice.feldman@ucd.ie 'Towards a new interculturalism in the Irish third sector: research on the development of new minority community organisations'	€ 35,000
Professor Liam O'Dowd and Dr Cathal McCall, Queen's University Belfast e-mail: L.ODowd@qub.ac.uk 'From PEACE I to PEACE II: promoting voluntary activity in the Irish border region'	€ 45,000
Dr Paula Russell, Department of Regional and Urban Planning, University College Dublin e-mail: Paula.Russell@ucd.ie 'Residents' associations, neighbourhood and community development'	€ 40,000
Professor Paul Teague, Queen's University Belfast e-mail: p.teague@qub.ac.uk 'Civil associations, deliberative policy-making and social partnership in the Republic of Ireland'	€ 35,000



Professor Mary E. Daly MRIA, Secretary, Royal Irish Academy

NATIONAL COMMITTEE FOR HISTORY

In January 2002 the Irish Committee of Historical Sciences (established 1938) became the Royal Irish Academy's National Committee for History.

Professor Mary E. Daly, Secretary of the Academy, welcomed the new Committee, saying 'The Academy is delighted to welcome the Irish Committee of Historical Sciences into the Academy and is confident that the new National Committee for History will play an important role in promoting the study of history in Ireland.'

Membership of the new committee is as follows: Professor Mary Daly and Professor Nicholas Canny (Royal Irish Academy); Dr James Kelly, Dr John McCafferty, Ms Sarah Ward-Perkins (Irish Historical Society); Dr Mary O'Dowd, Dr Eoin Magennis, Dr Sean O'Connell (Ulster Society for Irish Historical Studies); Ms Bernadette Cunningham, Dr Niall Ó Ciosáin, Dr Margaret Ó hÓgartaigh (Economic and Social History Society of Ireland); Professor Eunan O'Halpin, MRIA, Professor Keith Jeffery, Dr Hiram Morgan (Irish Conference of Historians); Dr Deirdre McMahon, Dr Jacqueline Hill, Dr Ciaran Brady, Dr Damian Bracken and Dr Neil Garnham (co-opted by the Committee).

The first Annual Conference of Historians was held at Mary Immaculate College in Limerick on 18 May 2002 entitled 'History and Computing' and the Biennial Conference of Historians entitled 'Culture, Place and Identity' was held at University of Ulster, Magee College, Derry on 22-5 May 2003.

NATIONAL COMMITTEE FOR ARCHAEOLOGY GRANTS

EXCAVATION GRANTS 2003

Ms Sheila Lane
Dr Geraldine Stout
Professor Gabriel Cooney
Mr B Murtagh
Professor P.C. Woodman
Professor B. Raftery
Mr Frank Ryan
Ms R.M. Cleary

RESEARCH GRANTS 2003

Mr Conleth Manning
Ms Sharon A. Greene
Professor Gabriel Cooney
Dr Peter Harbison
Dr Valerie A. Hall

PRAEGER FIELD STUDY RESEARCH GRANTS

Dr Paul R. Green
Botanical Society of the British Isles: Local change in the flora of County Wexford

Dr Jasper Knight
Investigations of the Port Askaig formation (dalradian), County Donegal

Dr James Paul Hillis
Rare breeding birds in Ireland

Mr Gyr Penn
Hen harriers in the Slieve Felims/Hollyford Hills

Mr Ian Rippey
A survey of the purple hairstreak butterfly in Ireland

Ms Patience Scally
Diversity of slug species in County Wicklow and north County Kildare

Mr Pascal Sweeney
The distribution of *tubificidae* and *naidida* (oligochaeta) in Munster estuaries.

INTERNATIONAL REPORT



Professor Luke Drury MRIA,
Secretary for International Relations

A New Secretary for International Relations

The Royal Irish Academy elected Professor Luke O'Connor Drury as Secretary for International Relations at the 16 March 2002 Stated Meeting. This is a new post as recommended by the Academy's Strategic Plan. The Secretary for International Relations is also an *ex-officio* member of the Academy's Executive Committee.

Professor Drury will coordinate the Academy's international relations policy across many areas, including exchange agreements and international union affiliations. Professor Drury is an astrophysicist and is currently Director of the School of Cosmic Physics at the Dublin Institute for Advanced Studies.

His appointment marks a new era of enhanced cooperation and facilitation between the Academy and its many partners all over the world.

International representation

A primary function of the Academy is to act as a national affiliating body to the important international scientific organisations. In this way Irish scholars have a direct channel of communication, through the Academy, with such organisations as the International Council of Scientific Unions (ICSU) and the European Science Foundation (ESF). They provide a unique mechanism for scientists to work together on topics of common concern, and facilitate a range of interdisciplinary and international research programmes.

These international organisations provide a forum by which the research undertaken in Ireland's universities can be represented on a world stage. They provide invaluable links to ensure that Ireland's academics are fully accredited with their colleagues throughout world.

For information on Academy international relations, exchange schemes, and full links to partner organisations see: www.ria.ie/international/

RESEARCH SCHEMES

The Academy provides support for both individual and collaborative research with foreign scholars through a network of links with partner institutions and academies abroad. The schemes offer support for short-term study visits of up to six weeks or long-term research networks of six months to two years. The Academy awards some fifty research grants each year in both the humanities and natural sciences.

We currently have exchange agreements with Academies in Poland, Austria, Hungary and the UK, an agreement with the CNRS in France, a new agreement with the Slovenian Academy, and a contract with SFI to manage the China-Ireland exchange programme in Biotechnology and Information and Communications Technology (ICT).

AUSTRIAN ACADEMY EXCHANGE SCHEME 2002

Dr Thomas Busch, University College Cork, Institute for Experimental Physics, University of Innsbruck

'Inhomogeneous Bose-Einstein condensates in lower dimensions'

Dr Brien Nolan, Dublin City University, University of Vienna and University of Innsbruck

'Algebras of generalised functions applied to gravitational collapse'

Dr Thomas Kühtreiber, Austrian Academy of Sciences, Dúchas, Chateau Gaillard Conference XXI

'Archaeological and architectural evidences of seignorial farm buildings and other economic structures in the topographic context of castles in Austria'

Dr Finbarr McLoughlin, University of Vienna, Trinity College, Dublin, and University College Cork.

'The biographical background of three Irishmen who perished in Soviet confinement in the years 1937-42'

BRITISH ACADEMY EXCHANGE SCHEME

Dr G. Beiner, Trinity College, Dublin, University of Oxford and British Library

'An archaeology of social memory/amnesia of 1798'

Professor J. Madden, National University of Ireland, Galway, and Bodleian Library, British Library

'Sir William Herbert's reply to Edmund Campion's Ten Reasons'

Dr A. Dolan, Trinity College, Dublin, Bodleian Library, Imperial War Museum, and National Army Museum

'A political and cultural history of the memories of Irish revolutionaries 1916-1923'

HUNGARIAN ACADEMY EXCHANGE SCHEME

Dr Kenneth Benoit, Trinity College, Dublin, Szazadveg Policy Research Centre, Budapest, Hungary

'Forecasting models in emerging multiparty democracies: a prediction model of Hungary's 2002 election'

Dr Katalin Fodor-Csorba, Research Institute for Solid State Physics and Optics, Budapest and Trinity College, Dublin

'Synthesis of liquid crystals and their isotropic labeling by stable isotopes'

POLISH ACADEMY EXCHANGE SCHEME

Professor David Singleton, Trinity College, Dublin, Adam Mickiewicz University, University of Silesia and Jagiellonian University.

'Second language acquisition—with particular reference to the age factor, cross-linguistic influence and the L2 mental'

Mr Iain McMenamin, Dublin City University, Institute of Political Studies, Polish Academy

'The Polish variety of capitalism'

Dr Tomasz Kormornicki, Institute of Geography, Polish Academy of Sciences and Trinity College, Dublin

'Transport geography, transport policy, political geography, and the development of border regions'

ROYAL SOCIETY EXCHANGE SCHEME

Study visits:

Dr M. Meere, National University of Ireland, Galway, one-month study visit at the Division of Theoretical Mechanics, University of Nottingham

'The interaction of diffusive and stress effects in solids'

Dr B. Guilfoyle, Institute of Technology, Tralee

'Contact structures adapted to Einstein-Weyl 3-manifolds'

Joint research projects:

Dr Fiona Lyng, Dublin Institute of Technology, and Dr K. Prise, Gray Cancer Institute, Mt. Vernon Hospital, Middlesex

'Mechanisms of radiation-induced bystander effects'

Professor D.L. Weaire, Trinity College, Dublin and Dr J.J. Cillers, UMIST

'Foam drainage and rheology'

Senior visiting fellowship:

Dr Fiona Newell, Trinity College, Dublin and Hebrew University, Israel

'An fMRI investigation of cross-modal recognition in humans'

Professor E.P. Farrell, University College Dublin and European Institute of Cultivated Forest, Bordeaux

'The sustainable management of the Atlantic forests in Europe'

Professor Yuro Kalmykov, Université de Perpignan, France and Trinity College, Dublin

'Non-linear dielectric and magnetic relaxation problems'



Professor D.L. Weaire, MRIA

RESEARCH PROJECTS

DICTIONARY OF IRISH BIOGRAPHY (DIB)

7406 of 9000 entries written

The bringing to completion of the printed edition of the *Dictionary of Irish Biography* is drawing closer. To be published in 2006 in six volumes by Cambridge University Press, it will be the internationally recognised biographical reference work for Ireland. Progress towards that goal in 2002–03 can be seen in the number of entries (over 1100) submitted by both internal and external contributors. This brought the grand total to 7406 in mid-March, a figure which represents just over 82% of the target. This could not have been achieved without the generous support of external contributors (by mid-March over 470 external contributors have agreed to write or have already written entries for the Dictionary). Virtually all entries for subjects who lived during the early and medieval periods and in the sixteenth century had been submitted for editing by mid-March.

The editors' recommendation that Professor K. Theodore Hoppen, FBA, be invited to become a general editor was warmly endorsed by the Editorial Committee. Professor Hoppen is a distinguished historian of nineteenth-century Ireland, who has also published on the early history of science in Ireland.

For further information see: www.ria.ie/projects/dib.html

DICTIONARY OF MEDIEVAL LATIN FROM CELTIC SOURCES (DMLCS)

Volume 1 of the two-volume lexicon nearing completion

Over a dozen territorial Latin dictionary projects are currently being conducted across the continent so as to provide, between them, an interpretative mosaic that describes medieval Latin as it took shape in each geographical area. The Dictionary of Medieval Latin from Celtic Sources (DMLCS) project constitutes the Royal Irish Academy's participation in this effort, covering as it does the Latin-language writings of Celtic authors for the period 400–1200 AD.

The first module of the Academy's dictionary is a two-volume lexicon, whose 10,000 headwords are all items of vocabulary unknown to Classical Latin (and therefore absent from existing dictionaries). Each is fully researched and described from the points of view of etymology, range of meaning and usage (both chronological and geographical), with examples identified. The letter F having been completed to this specification previously, this year saw almost all of H finished—the expected achievement of that being spring 2003—leaving only the addenda to be compiled for the first volume, A to H.

The welcome renewal of a grant from the Department of Education of Northern Ireland meant that the project's Celtic–Latin Word-List, kindly hosted online by Queen's University Belfast, could continue to be edited in tandem with work on the Dictionary itself. This enabled the Word-List to maintain its role as an up-to-date, public domain index to the Dictionary, on the basis of which full entries could be requested by e-mail (a service that was availed of during the year by researchers in four continents).

A total of 890 more pages of computer-captured text were validated and corrected during the reporting period, ready for adding to the project's full-text database and subsequent publication in the Archive of Celtic–Latin Literature electronic series. Likewise, work was advanced on several of the volumes in the ongoing *Scriptores Celtigenae* medieval Latin text series, another DMLCS venture that involves the major international scholarly publishing house Brepols.

For further information see: <http://journals.eecs.qub.ac.uk/dmlcs/dmlcs.html>

FOCLÓIR NA NUA-GHAELIGE (FNG)

CD-ROM to be published in late 2003

Work continued on preparing the pre-Dictionary corpus, 1600–1882, for publication on CD-ROM. It was decided to provide the interface, instructions and introduction in English as well as Irish, in order to make the material available to a wider range of scholars and to the general public. In addition, it was also decided to provide an index of personal names and placenames, factors that entail the postponement of publication of the CD-ROM until late 2003.

Two senior members Dr Éamonn Ó hÓgáin, Editor, and Dr Diarmuid Ó hAirt, Assistant Editor of the FNG project, retired in the summer of 2002. We wish them well in their retirements. Dr Úna Uí Bheirn now heads the project.

FNG records its continuing gratitude to Dr Ciarán Ó Duibhín, Belfast, for his assistance and advice on computational matters to the project. The software for the CD-ROM was developed by him. We also received valued advice and encouragement from Professor Jack Smith, Treasurer, Royal Irish Academy.

We would also like to record our thanks to Dr Pádraig Ua Maoileoin, Dún Chaoin (ob. 19 October 2002) and to Dr Leaslaoi Lúcas, Ros Goill (ob. 11 July 2003), both of whom did outstanding work for the FNG down the years. *Requiescant in pace.*

For further information see: www.ria.ie/projects/fng/

NEW SURVEY OF CLARE ISLAND (NSCI)

Volume 3: Marine intertidal ecology published

The first Clare Island Survey of 1909–11 was the most ambitious natural history project ever undertaken in Ireland and the first major biological survey of a specific area carried out in the world. The New Survey constitutes a fresh baseline study using up-to-date methodology to provide a comprehensive description of the island from its bedrocks to its biotic communities. The survey traces the history of human occupation and the impact of human activity on Clare Island. It has revealed almost a century of environmental change and will provide an invaluable source for future environmental monitoring.

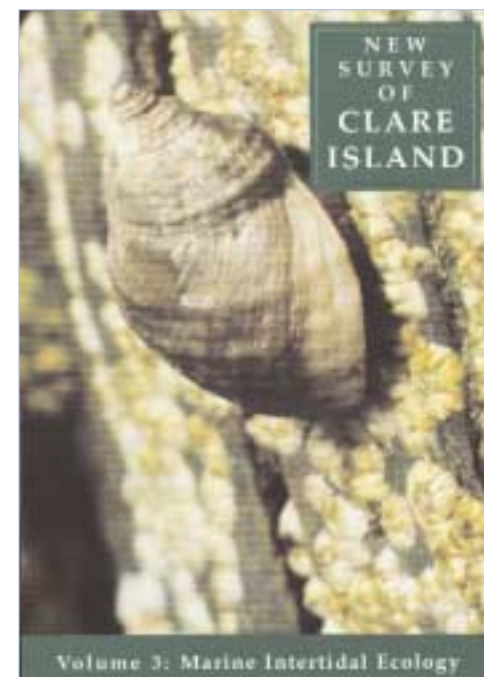
This third volume in the series examines the intertidal marine ecology of Clare Island. The shores of Clare Island are as exposed as any in Europe and are important baseline sites for the assessment of future environmental change. A knowledge of the ecology of the key organisms of these exposed shores is of fundamental importance.



Dr James Quinn, Executive Editor and Mr James McGuire, Managing Editor of the Dictionary of Irish Biography



Dr Úna Uí Bheirn, FNG Editor



Articles in this volume address the activities and abundance of the key intertidal organisms on extremely exposed shores and upper shore rock pools, examining the chthamalids *C. stellatus* and *C. montagui*, the ecology of limpets of the genus *Patella*, the mussels of Clare Island, the small periwinkle *Melarhaphe neritoides*, the top shell *Osilinus lineatus* and the effects of predation by herring gulls on the dog whelk *Nucella lapillus*. It also includes a catalogue of intertidal Mollusca and an annotated checklist of the marine algae of Clare Island.

Earlier volumes in the series deal with Clare Island's history and cultural landscape (vol. 1) and its 500-million-year geological history (vol. 2). Future volumes will examine the island's archaeology, botany and zoology.

For further information see: www.ria.ie/projects/clare_island

IRISH HISTORIC TOWNS ATLAS (IHTA)

Dublin, part I, to 1610 published

The highlight of the year was the launch of the Irish Historic Towns Atlas (IHTA), no. 11, *Dublin, part I, to 1610*, by H.B. Clarke on 25 June 2002 in Dublin City Council, Civic Offices, Wood Quay. It reached number four in the Hodges Figgis bestseller list and represents the first publication in the IHTA 'city series'. A thoroughly referenced annotated list of topographical information includes over 1300 entries on features of the medieval city, such as streets, churches, schools, gardens and factories. The twelve loose sheet maps and views include a high quality reproduction of Speed's map of Dublin, 1610.

This year also marked the publication of the IHTA's first pocket map, *Dublin c. 840 to c. 1540: the Medieval Town in the Modern City*, by H.B. Clarke. The pocket map is a revision of a 1978 edition. Information is superimposed on a modern base map so the hidden medieval urban landscape can be seen in context. It is complemented by a detailed index and introductory booklet.

Editing and mapping for IHTA, no. 12, *Belfast, part I, to 1840*, by Raymond Gillespie and Stephen A. Royle (to be published in association with Belfast City Council), was completed and by March 2003 had gone to print. Work advanced on future city parts, *Dublin, part II, 1610–1756* and *Belfast, part II, 1840–1900*, and plans continued on how best to produce the nineteenth-century cities.

Authors progressed fascicles on Armagh, Derry, Fethard, Trim and Wicklow and editorial work was carried out alongside compilation. Work was initiated for atlases on Dundalk and Waterford.

The bound volume, IHTA, *volume I* (nos 1–6) was reprinted and is on sale once again direct from the Academy or from bookshops nationwide.

Grants towards research and production were received from Belfast City Council, the Heritage Council, and the Luther I Replogle Foundation, Washington, DC. Mapping support continued from Ordnance Survey Ireland and the Ordnance Survey of Northern Ireland.

For further information see: www.ria.ie/projects/ihta/



Ms Sarah Gearty, Cartographic Editor,
Irish Historic Towns Atlas



Ms Angela Murphy, Editorial Assistant
Irish Historic Towns Atlas

DOCUMENTS ON IRISH FOREIGN POLICY (DIFP)

Volume III published

Volume III, the latest volume in the Documents on Irish Foreign Policy series, was launched at the Department of Foreign Affairs, Iveagh House by the Minister for Foreign Affairs, Mr Brian Cowen, TD, on 6 November 2002.

The DIFP project continues to run on schedule. From March to October 2002 the production and publication work on Volume III was completed. The selection of documents for inclusion in Volume IV of DIFP began in November 2002 and is continuing as at the writing of this report. Volume IV will run from February 1932 to December 1936 and it is planned to publish the volume in October 2004. For Volume IV the project is embarking on the use of scanned and photographed digital images of documents distributed on CD in PDF as the medium for circulating the documents under consideration for inclusion in the volume. This replaces the existing system of distributing multiple copies of photocopies of documents in large hard copy sets.

The Anglo-Irish policy of the first and second Fianna Fáil governments, including the revision of the Anglo-Irish Treaty and the 'Economic War' with Britain, will be the most important theme in DIFP IV. Accordingly, the volume will include many previously unseen documents on Anglo-Irish relations, including a large selection from the private papers of Éamon de Valera. These papers have recently been accessioned and re-catalogued by the University College Dublin Archives Department.

Close contacts continue to be maintained with foreign policy document publication projects in North America and Europe, particularly with the Australian, British and Canadian projects. In December 2003 the Executive Editor, Dr Michael Kennedy, was invited by the Australian Department of Foreign Affairs and Trade to deliver a paper on the establishment of a foreign policy document editing project to the Seventh International Conference of the Editors of Foreign Policy Documents which is to be held in Canberra in September 2003.

For further information see: www.ria.ie/projects/difp/



Photographed at the launch of Volume III of 'Documents on Irish Foreign Policy' were Dr Michael Ryan, PRIA, Mr Brian Cowen, TD, Minister for Foreign Affairs and Dr Michael Kennedy, Executive Editor

LIBRARY REPORT

LIBRARY CATALOGUE ON-LINE

Library Catalogue now available on the web

The Library Catalogue is now available on the web thanks to the International Access to Academy Library Holdings (IAALH) Project. The main catalogue, together with the periodicals catalogue, the manuscripts catalogue, the prints, drawings and artefacts catalogue and the photographs database, are all available on www.ria.ie and are being augmented on a daily basis.

The provision of funding by The Atlantic Philanthropies enabled the Library to commence the cataloguing (or recataloguing to modern standards) of the archival, print and drawings collections on a large scale. Three extra staff were recruited to catalogue, prepare selected collections for conservation and to prepare other collections for microfilming and photography.

By mid-March 2003, approximately 7000 records had been added to the catalogue and approximately 900 drawings had been photographed and records created for the transparencies. The collections that are being catalogued at present include the Holiday Tract and Pamphlet collections, and the Westropp drawings, the Moore Library collection and the Ordnance Survey Letters, Inquisitions and Extracts. The Windele Papers and the du Noyer drawings have been completed.

In partnership with Trinity College, Dublin, Library, the Academy Library embarked on a microfilming programme that necessitated major investment in equipment and in the recruitment of a microfilm operator. The Academy would like to acknowledge the cooperation of Trinity College Library staff in this venture, which should benefit both institutions and their users.

The Library continued to cooperate with the Irish Script on Screen Project (ISOS), which has resulted in the digitisation of almost all of the Academy's early manuscripts, including the *Stowe Missal*, *Leabhar Breac*, the *Book of Lecan*, *Leabhar Uí Mháine*, the *Book of Ballymote* and the *Annals of the Four Masters*. See: www.isos.dcu.ie for more information.

The Library organised two successful lunchtime lecture series during the year. The first of these, the annual RIA/Linen Hall Library Lecture series, ran every Wednesday from 17 April to 15 May. The theme of the series was 'A tale of two cities: the growth of Dublin and Belfast'. The speakers, Jonathan Bardon, Mary Clarke, Sarah Gearty, Raymond Gillespie, MRIA, John Killen and Colm Lennon, focussed on the origins and development of Dublin and Belfast. The series attracted capacity attendances and was the subject of interviews on FM106 radio.

The Library offered a second series of lectures as part of Heritage Week, 2-6 September. The theme of this series, 'Dawson's Street: buildings and people associated with Dawson Street, Dublin', proved to be very popular. Maurice Craig, MRIA, Mary Daly, MRIA, Adrian Empey, John O'Connell and Peter Pearson delivered lectures on the development of Dawson Street and its environs, the architecture of Academy House, the parish church of St Ann and the Hibernian Hotel and other Dawson Street businesses. The Lord Mayor, Mr Dermot Lacey, officially launched the series on 2 September.



Ms Petra Schnabel, Deputy Librarian

The exhibition 'Let Erin remember: Tom Moore 1779-1852' continued until the end of December and was visited and enjoyed by many Moore enthusiasts. The recital of the melodies, performed by Ms Kathleen Tynan on the occasion of the Moore commemorative evening held on 25 February 2002, was broadcast on Radio 1 on Christmas night under the title 'As the wind to the sleeping harp'. The exhibition was also promoted in an interview with FM106 in May and in an article in *The Irish Post* in the same month.

The Austrian Embassy loaned an exhibition to the Academy on the life and achievements of the philosopher Ludwig Wittgenstein (1889-1951) from 25 November to 13 December. The Academy acknowledges the cooperation of Dr Susanne Bachfischer of the Austrian Embassy, Mr Brendan O'Donoghue, MRIA, the Director of the National Library of Ireland and Ms Sandra McDermott, who kindly arranged for the loan of display panels to supplement the Academy's stock for this exhibition.

Council sanctioned the loan of manuscript poems from the Francis Ledwidge collection (Ms 12.K.44) to the Imperial War Museum, London, for an exhibition entitled 'Anthem for doomed youth: twelve soldier poets of the first World War', which ran from 31 October 2002 to 27 April 2003.



Above: A.C.U. Marchmont, *The days that are past*, 1863. 'Dedicated to Miss Lisetta A. Cordner, for whom the story was expressly written in July 27th 1861

Below: 'An Historical Account of Coffee; with an engraving, and botanical description of the tree, published by John Ellis, London, 1774 (RRG/24/G/box 14/4)



Above: One of the items conserved with Heritage Council funding: document confirming that monies are owed to the widows and orphans of the 13th Regiment and that M. Hallongin is solely authorised to pay the sums due. Includes the signatures of some of the most distinguished Dutch officers of William III



Ms Siobhán Fitzpatrick, Librarian



A.C.U. Marchmont, *The mysterious stranger*, 1861. Dedication to author's mother and dated July 23, 1863

PUBLICATIONS REPORT



The dissemination of research through publication has always been a core Academy activity. 2002–03 was a busy year for those concerned with Academy publications. In addition to the continuation and development of our diverse publishing programme (including the production of our first interactive CD-ROM), the year saw a thorough review of editorial and production processes, the initiation of an e-publishing strategy working group, and discussions at the highest level about the direction Academy publications should take in the future.

PERIODICALS

The *Proceedings of the Royal Irish Academy* formed the backbone of our periodical publication, with 56 papers published in Volume 102 (A, B and C). Two special issues of *Biology and Environment* appeared: one on biodiversity and one on cyanobacterial symbioses. Section C of *Proceedings* featured two substantial excavation reports, as well as history papers on topics ranging from the monastic Mass in the sixth century to riots in nineteenth-century Belfast. The Editorial Office also handled *Ériu* (the production of vol. 52 and the preparation of vol. 53), *Irish Journal of Earth Sciences* (vol. 20) and *Irish Studies in International Affairs* (vol. 13).

MONOGRAPHS

The Academy's book-publishing programme comprises monograph series and one-off titles. A list of titles published in 2002–03 is given on the next page. Among them is Volume III in the New Survey of Clare Island series, a substantial collection of papers edited by Alan Myers, which examines the marine intertidal ecology of the island. Another highlight is Aidan O'Sullivan's comprehensive archaeological survey of the Shannon estuary, *Foragers, farmers and fishers in a coastal landscape*, which appeared under the rubric of the Discovery Programme.

The publication of *The Cathach of Colum Cille: an introduction*, by Michael Herity and Aidan Breen, marks a new departure for the Academy: this CD-ROM (with accompanying full-colour 84-page booklet) is the first interactive digital publication which the Academy has produced (see below for more details).

e-PUBLISHING

At the President's instigation, a new working group began an examination of the Academy's e-publishing strategy. The initial recommendations of this group, which include a phased plan for developing the electronic versions of our journals, were adopted at a special meeting of Council on 23 January 2003. Further progress was also made on the upgrade to a database-driven system for maintaining the existing journals web site.

The Cathach of Colum Cille: an introduction

The *Cathach* is the oldest extant Irish illuminated manuscript, dated to c. 600AD. The surviving 58 folios contain Psalms 30:10 to 105:13 (Vulgate version). Legend has it that Colum Cille copied the manuscript from a psalter lent to him by



Dr Michael Herity, MRIA, and Ms Mary Hannafin, TD, Minister of State at the Department of the Taoiseach at the launch of the *Cathach* on CD Rom

St Finnian. A dispute over the ownership of the copy was resolved by the King of Tara in a very early copyright ruling: 'To every cow her calf, so to every book its copy.'

A full-colour 84-page booklet introduces readers to the provenance, art history and biblical content of the manuscript.

The accompanying interactive CD-ROM presents the manuscript in digitised form, with a brief overview of its origins and art history. The manuscript folios can be read against a transcription by H.J. Lawlor or an English version of the relevant psalms.

A zoom facility up to 400% allows art historians, calligraphers, palaeographers and other researchers to examine the script and illuminated initials in detail.

The minimum recommended requirements for viewing this CD-ROM are: 233Mhz processing capacity and 32MB of RAM. It is compatible with both Mac and PC operating systems.

EUR 40.00 / USD 40.00
ISBN 1-874045-92-5

PUBLICATIONS LIST 2002–03

Irish Innovators in Science and Technology

Irish Historic Towns Atlas no. 11: Dublin, part 1, to 1610

Discovery Programme Reports 6

Documents on Irish Foreign Policy. Volume 3: 1926–1932

Dublin c. 840 to c. 1540: The Medieval Town in the Modern City (map with booklet)

New Survey of Clare Island. Volume 3: Marine Intertidal Ecology

The Cathach of Colum Cille: An Introduction (interactive CD-ROM with booklet)

Biological Invaders: The Impact of Exotic Species (Biology Seminar series)

For further information contact the Editorial Office or Publications Office at the Royal Irish Academy (e-mail: editorial@ria.ie or publications@ria.ie) or see: www.ria.ie/publications/

For back-list enquiries or to place orders contact:

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Fax: +353 1 6762346
e-mail: publications@ria.ie

Tel: +1 503 2873093
Fax: +1 503 2808832
e-mail: sales@isbs.com



APPENDIX I—MEMBERS OF THE ROYAL IRISH ACADEMY

List of Members September 2003

Aalen, Frederick	Cunningham, Patrick	Heffron, James	McEvoy, James	Osborough, William	Scaife, Brendan	Stalley, Roger	Watts, William E.
Allen, Ingrid	Daly, Mary	Hegarty, Frank	Macfadyen, Amyan	Ottewill, William	Scanlan, Seán	Steer, Martin	Weaire, Denis
Almqvist, Bo	Davenport, John	Hegarty, John	McGilp, John	Peng, Hwan Wu	Scattergood, Vincent	Stewart, James	Werner, Alfred
Andrews, John	Dawson, George	Henry, P.L.	McKenna, Patrick	Philbin, Eva	Scott, Alexander	Strain, Seán	West, Timothy
Arbuthnott, John	Dawson, Kenneth	Herbert, Máire	McKervey, Michael	Phillips, John	Scott, Francis	Sweetman, David	Whelan, Ruth
Atkins, John	Deane, Seamus	Herity, Michael	McLoughlin, Vincent	Pollard, Mary	Scott, John	Sutherland, Peter	Whitaker, Kenneth
Baillie, Michael	de Brún, Pádraig	Herries Davies, Gordon	McMurry, Brian	Porter, Neil	Sen, Siddhartha	Takahashi, Yasushi	Whitehead, David
Bartlett, Thomas	de Paor, Annraoi	Hibbert, Alan	Mac Niocaill, Gearoid	Púle, Joseph	Sevastopulo, George	Teegan, John	Williams, Alwyn
Bates, Brian	de Silva, Amilra	Hillery, Patrick	McNamara, Martin	Quinn, Charles	Sexton, Michael	Thornhill, Don	Williams, Clive
Bates, John	Delaney, Cyril	Hogan, Peter	McParland, Edward	Rafferty, Barry	Shanks, Robert	Tinney, Sheila	Williams, Cyril
Bell, Kenneth	Devonshire, Andrew	Holland, Charles	Malcomson, Anthony	Richardson, David	Shannon, Patrick	Tipton, Keith	Winder, Francis
Black, Robert	Dillon, John	Holland, Finbarr	Mallory, J.P.	Ridley, Hugh	Sharp, Paul	Ussher, Robert	Wolfe, Kenneth
Blau, Werner	Dineen, Seán	Honohan, Patrick	Masterson, Patrick	Rima, Bertus	Shee Twohig, Elizabeth	Vij, Jagdish	Woodman, Peter
Bowler, Peter	Donlon, Patricia	Hughes, Thomas	Mayes, Andrew	Robinson, Mary	Simms, Anngret	Vos, Johannes	Wright, Barbara
Bradley, Daniel	Donnelly, Dervilla	Humphries, Peter	Mayhew, Stephen	Roche, James	Simms, David	Waddell, John	Wrixon, Gerard
Breatnach, Liam	Donnan, Hastings	Huxley, George	Mays, James	Roddie, Ian	Slevin, James	Waddington, John	
Breatnach, Pádraig	Dooge, James	Imbusch, George	Meehan, Elizabeth	Rooney, John	Slote, Michael	Wallace, Patrick	<i>Total: 322</i>
Breen, Richard	Doonan, Shawn	Irwin, George	Metnieks, Arvids	Ross, Julian	Smith, Andrew	Walmsley, David	
Bric, Maurice	Duggan, Patrick	Jones, Michael	Millett, Austin	Ryan, Michael	Smith, Jack	Walsh, Brendan	
Brown, David	Drury, Luke	Judge, David	Mitchell, Thomas	Ryan, Pierce	Smyth, Malcolm	Walsh, Edward	
Brown, Terence	Dukes, James	Kearney, Richard	Moiseiwitsch, Benjamin	Ryan, William	Smyth, William	Walters, Harry	
Buchanan, Ronald	Engel, Paul	Keatinge, Patrick	Montwill, Alex	Rynne, Etienne	Spearmen, David	Warner, Richard	
Burke, Laurence	Eogan, George	Kelly, James	Moore, John	Sagarra, Eda	Spencer, Brian	Watts, William A.	
Burke, Philip	Evans, Owen	Kelly, John	More O'Ferrall, Rory				
Burns, Duncan	Evans, David	Kennedy, Kieran	Moran, Anthony				
Butler, Richard	Fairley, James	Keogh, Dermot	Moran, Dermot				
Buttimer, Anne	Fanning, John	Kernan, Roderick	Murphy, Brian				
Byrne, Francis	Fearkins, David	Kiberd, Declan	Murphy, Gerard				
Caldicott, Edric	Fegan, David	Kingston, Arthur	Murtagh, Fionn				
Campbell, Bruce	Finlay, William	Küster, Eberhard	Neary, Peter				
Cannon, Paul	FitzGerald, Garret	Laffey, Thomas	Nelson, Jane				
Canny, Nicholas	FitzGerald, Maurice	Laver, Michael	Newell, Martin				
Carroll, Peter	Fitzpatrick, David	Lee, Joseph	Nicol, Donald				
Casey, James	Flavin, James	Leonard, Brian	Nowlan, Kevin				
Cassells, Alan	Fottrell, Patrick	Lewis, Ciaran	O'Brien, Conor Cruise				
Cathcart, Kevin	Fraher, John	Lewis, Frederick	Ó Buachalla, Breandán				
Chisholm, Roy	Freyne, Seán	Lewis, John	Ó Con Cheanainn,				
Clarke, Aidan	Froggatt, Peter	Lewis-Crosby, Robert	Tomás				
Clarke, Desmond	Gardiner, Stephen	Little, Roger	O'Connell, Michael				
Clarke, Howard	Garvin, Thomas	Livingstone, David	Ó Corráin, Donnchadh				
Clarkson, Leslie	Gibson, Norman	Lloyd, David	Ó Cróinín, Dáibhí				
Clayton, Geoffrey	Gilbody, Henry	Longley, Edna	O Donoghue, Brendan				
Clayton, Mary	Gillespie, Raymond	Luce, John	O'Farrell, Anthony				
Cleary, John	Gilliland, Brian	Lydon, James	Ó Fiannachta, Pádraig				
Cocker, Wesley	Gleeson, Dermot	Lyons, William	O'Gara, Fergal				
Coey, John	Gooding, David	McArdle, Patrick	Ó Gráda, Cormac				
Coffey, William	Gow, Roderick	McAleese, Mary	O'Halpin, Eunan				
Conalty, Michael	Grene, Nicholas	McBreen, Brian	O'Hare, Daniel				
Connolly, Seán	Guiry, Michael	McBrierty, Vincent	O'Higgins, Paul				
Conroy, Jane	Halton, David	Mac Cana, Proinsias	O'Leary, Cornelius				
Corish, John	Hand, Geoffrey	McCanny, John	Ó Madagáin, Breandán				
Corish, Patrick	Hannan, Damian	McCarthy, Matthew	Ó Murchú, Máirtín				
Cosgrove, Art	Harbison, Peter	McConnell, David	Ó Nualláin, Seán				
Coxon, Peter	Hardiman, Thomas	McCracken, John	O'Regan, Ronan				
Craig, Maurice	Harmon, Maurice	McCutcheon, William	O'Reilly, Francis				
Crookshank, Anne	Haughton, Joseph	McDonald, Marianne	Ó Riain, Pádraig				
Crossland, Bernard	Hayes, Maurice	McDowell, Robert	Ó Riordáin, Breandán				
Crothers, Derrick	Hayes, Michael	Mac Eoin, Gearóid	O'Rourke, Fergus				
Cullen, Louis	Heaney, Seamus	McElhinney, Stanley	O'Sullivan, William				

APPENDIX II—HONORARY MEMBERS OF THE ROYAL IRISH ACADEMY

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Beierwaltes, Werner. <i>Munich</i>	Gunning, Brian E.S. <i>Canberra</i>	Pritchett, William Kendrick. <i>Berkeley</i>
Boardman, John. <i>Oxford</i>	Hamp, Eric Pratt. <i>Chicago</i>	Rice, Stuart Alan. <i>Chicago</i>
Bodmer, Sir Walter. <i>Oxford</i>	Hayes, William. <i>Oxford</i>	Rice, T. Maurice. <i>Zurich</i>
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Carey, Martin C. <i>Harvard</i>	Hirzebruch, Friedrich Ernst	Roques, René François Lucien. <i>Paris</i>
Chadwick, Henry. <i>Cambridge</i>	Peter. <i>Bonn</i>	Schmidt, Karl Horst. <i>Bonn</i>
Crick, Francis H.C. <i>Cambridge</i>	Hoyle, Sir Fred. <i>Manchester</i>	Skinner, Quentin R.D. <i>Cambridge</i>
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Cunliffe, Barry. <i>Oxford</i>	Huxley, Sir Andrew. <i>London</i>	Thomas, Charles. <i>Cornwall</i>
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Dalgarno, Alexander. <i>Harvard</i>	Jeauneau, Edward. <i>Toronto</i>	Weekes, Trevor C. <i>Arizona</i>
Devine, Thomas M. <i>Aberdeen</i>	Krämer, Werner. <i>Wiesbaden</i>	West, Richard G. <i>Cambridge</i>
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The letters C or S after a name denote Chairperson/Cathaoirleach or Secretary/Rúnaí; Dep. C denotes deputy chairperson; Min. S. denotes Minutes Secretary; Man. Ed. denotes Managing Editor; Exec. Ed. denotes Executive Editor; Cons. Ed. denotes Consultant Editor; O denotes Observer.

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APPENDIX IV—NATIONAL COMMITTEES AND COMMISSIONS (31 MAY 2003)

The first National Committees were established by the Academy in 1955–6 at the request of the Department of Education. The primary role of each National Committee is to provide a national adhering body for Irish membership of the relevant international academic bodies and to coordinate and promote their respective academic discipline throughout the island of Ireland. The membership of each National Committee consists of members directly appointed by Council and members nominated by Irish third-level institutions and professional associations.

The committees/commissions are listed here alphabetically by subject/discipline; subcommittees/commissions are highlighted in italic beneath the respective disciplines.

The letter C and S or R after a member's name indicate Chairperson/Cathaoirleach and Secretary/Rúnaí, respectively.

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C. Kearney	K. McGeeney	R.B. Gilliland	M. Daly
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R. Welch	C. O'Neill	A.P. McHale	G.M. Kiely D. Jacobsen
Archaeology	D.C. Williams	A.P. Moran	M. Laver
T.B. Barry	Biology	M. O'Connell (S)	M. MacLachlan (C)
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A. Lynch	J.I. Burke	C.J. Smyth	C. Whelan
F.G. McCormac	M. Forrest	P.A. Whittaker	P. Young
M. Meek	J.P. Fraher	Hydrobiology	Engineering Sciences
D. Power	R.N. Govier	T.F. Cross	C. Burkley
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L. Drury	P. Wilson	J. Reynolds	J.K. Vij
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B. Harvey	J. Breen	J.G. Wilson	T.J. Brazil
B.P. McBreen	A. Cook	R.B. Wood	C. Downing
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M. Herbert	P. Sweeney
E. Mac Aogáin	S. Waddington
P. Mac Aonghusa	P. Wyness
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M. Mac Craith	J.W. Arthurs
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<i>Assistant Executive Secretary</i> Mr Pauric Dempsey	Information Technology <i>IT Assistant</i> Mr Wayne Aherne	<i>Editorial Secretary</i> Dr Linde Lunney	<i>Caretaker</i> Mr Gearóid Mac Duinnshléibhe
<i>Assistant Executive Secretary</i> Ms Laura Mahoney	<i>FÁS Assistant</i> Mr James McKinney	<i>Research Assistant and Copy-Editor</i> Mr Richard Hawkins	Partnership Committee <i>Employer Representative:</i> Mr Patrick Buckley
<i>Administrative Officer</i> Ms Rebecca Gageby	Accounts Office <i>Senior Accounts Officer</i> Ms Lesley Goulding	<i>Research and Editorial Assistant</i> Dr Christopher Woods	<i>Employee Representatives:</i> Mr Paul Brady Ms Lesley Goulding Dr Linde Lunney Ms Máire Ní Chearbhaill Ms Laura Mahoney
<i>Administrative Officer</i> Ms Ruth Hegarty	<i>Assistant Accounts Officer</i> Ms Lisa Doyle	<i>Editorial Assistant</i> Ms Helen Andrews	
<i>Administrative Officer</i> Ms Aiveen Kemp	<i>FÁS Supervisor</i> Mr Christopher Sweeney	Dictionary of Medieval Latin from Celtic Sources <i>Editor</i> Dr Anthony Harvey	
General Office <i>Senior Executive Assistant</i> Ms Marion Deegan	Library <i>Librarian</i> Ms Siobhán Fitzpatrick	<i>Project Assistant</i> Ms Jane Power	
<i>Senior Executive Assistant</i> Ms Aideen Hogan	<i>Deputy Librarian</i> Ms Bernadette Cunningham (on career break)	<i>Project Assistant</i> Ms Angela Malthouse	
<i>Senior Executive Assistant</i> Mrs Gerardine McLean	<i>Acting Deputy Librarian</i> Ms Petra Schnabel	<i>FÁS Assistant</i> Mr Fionntan Ó Cuinn	
<i>Executive Assistant</i> Ms Debbie Harte	<i>Assistant Librarian (IAALH Project)</i> Mr Brendan Leen	Documents on Irish Foreign Policy <i>Executive Editor</i> Dr Michael Kennedy	
<i>Executive Assistant</i> Ms Máire Ní Chearbhaill	<i>Archivist (IAALH Project)</i> Ms Frances Clarke	<i>Editorial Assistant</i> Ms Sanchia O'Connor	
Editorial Office <i>Honorary Academic Editor</i> Dr Peter Harbison	<i>Library Assistants</i> Mr Marcus Browne Mr Patrick Kelly (Job Initiative Scheme) Mr David McKeon (FÁS) Mr Karl Vogelsang	Foclóir na Nua- Ghaeilge <i>Eagarthóir</i> Dr Úna Uí Bheirn	
<i>Editor</i> Ms Rachel McNicholl (on career break)	<i>Executive Assistant</i> Ms Dymphna Moore	Irish Historical Towns Atlas <i>Cartographic Editor and Project Administrator</i> Ms Sarah Gearty	
<i>Acting Editor</i> Ms Léan Ní Chuilleanáin	<i>Microfilm Operator</i> Mr Emmet O'Malley	<i>Editorial Assistant</i> Ms Angela Murphy	
<i>Assistant Editor</i> Ms Roisín Jones	<i>Trainee Archivist</i> Ms Lisa Dolan		
<i>Editorial Assistant</i> Ms Aisling Flood			
<i>FÁS Assistant</i> Mr Conor O'Hara			

ACCOUNTS

SUMMARY OF ACCOUNTS FOR THE YEAR ENDED 31 DECEMBER 2002

GENERAL PURPOSES CURRENT ACCOUNT*

	€
Income	
H.E.A. grant-in-aid	2,826,000
Entrance fees & Members' subscriptions	17,471
Sale of <i>Proceedings</i>	16,349
Sale of Publications	82,392
Miscellaneous	72,289
Brought forward from 2001	3,958
Room rental	8,606
Total income	3,027,065
Direct expenditure	
Audit, law, bank, & professional charges	27,217
Incidentals (petty cash)	1,884
Discourse/meetings expenses	45,336
Postage and telephone	61,053
Heating and electricity	16,122
Furniture, equipment & household	15,111
General insurances	7,980
Printing (administrative)	17,253
Salaries & wages	831,602
Stationery & office equipment	31,918
Supplementary pensions	82,194
Training & consultancy	60,034
Information technology	43,119
Total	1,240,823
Allocations to special accounts	
International Unions & General Assemblies account	63,095
Library account	319,413
Printing <i>Proceedings</i> account	242,822
General Publications account	81,619
Foclóir na Nua-Ghaeilge account	216,188
Celtic-Latin Dictionary account	87,212
International Exchanges & Fellowships account	24,014
Historic Towns Atlas account	86,238
Dictionary of Irish Biography account	561,612
Total allocations	1,682,213
Total expenditure	2,923,036
Income	3,027,065
Expenditure	2,923,036
Surplus/Deficit EOY	104,029

The accounts are shown as presented for audit. Under the provisions of the Comptroller and Auditor-General (Amendment) Act 1993, the Academy's accounts are subject to audit by the Comptroller and Auditor-General. The Academy's audited accounts for 2001 were signed on 7 April 2003 by the Comptroller and Auditor-General. The Academy's audited accounts for 2002 had not been received by the Academy from the Comptroller and Auditor-General's Office at the date of this Annual Report going to print.



From left to right: Ms Fiona O'Malley, TD at the "Making Sense of Sellafield" Conference; Mr Gerhard Bruckermann, Chairman and Chief Executive Officer of DEPFA BANK, Professor Murray Gell-Mann Hon. MRIA and Professor David Spearman MRIA at the Inaugural Hamilton Lecture; Winners of the Inaugural Royal Irish Academy/DEPFA BANK Hamilton Prize 2002



ROYAL IRISH ACADEMY

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