



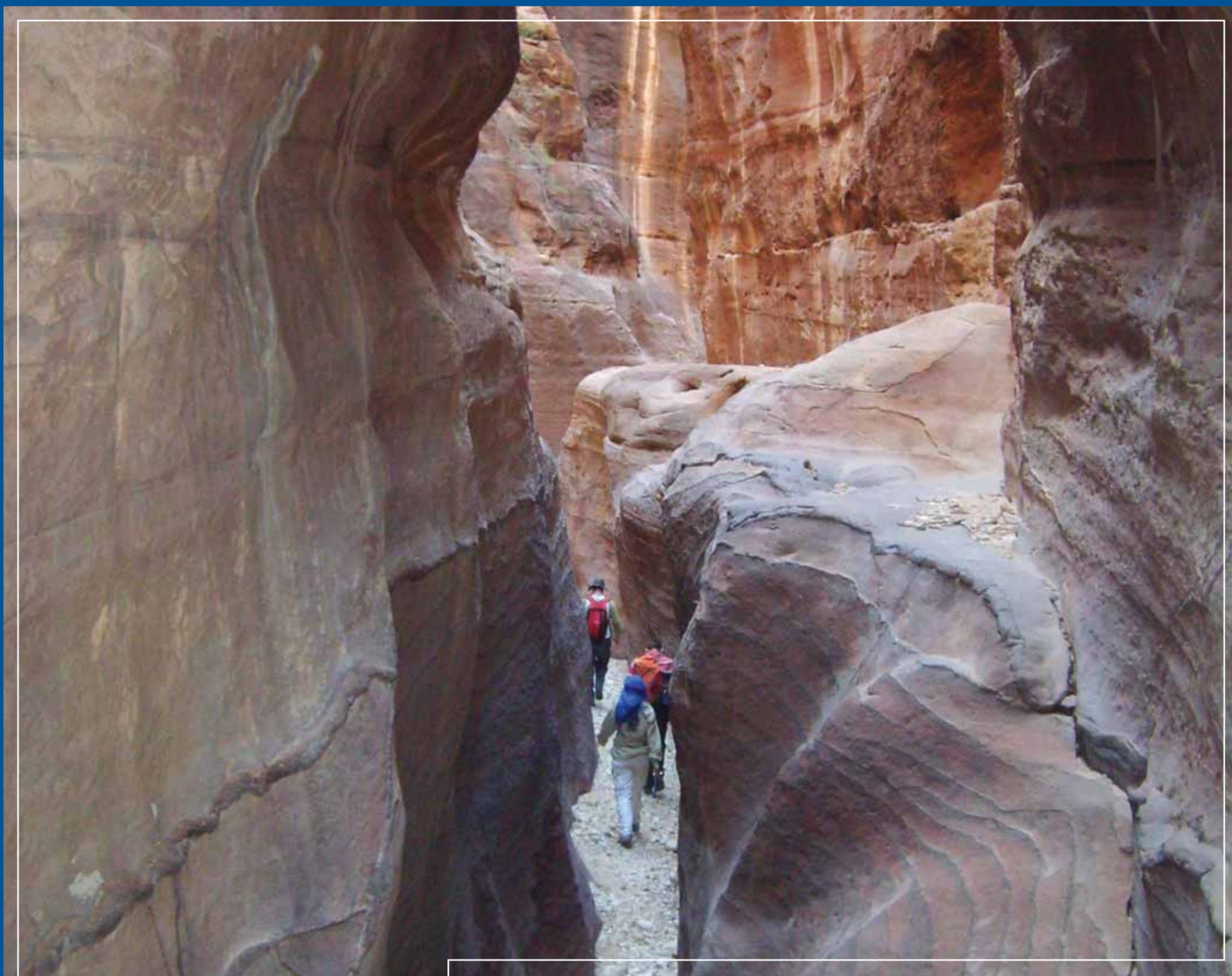
today

University College Dublin

Celebrating the past, creating the future

DECEMBER 2007

www.ucd.ie/ucdtoday



Featured in this issue:

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Images of Research

If a picture paints a thousand words, then UCD's Images of Research competition proves that researchers here have plenty to say. The competition, now in its second year, invites researchers to submit images that represent their work and engage the viewer to find out more about the story behind it. By Claire O'Connell



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Celebrating Louvain 400

UCD is the national centre for the co-ordination of 'Louvain 400', a celebration of the 400th anniversary of the founding of St Anthony's College, Louvain in 1607. The Franciscan Order has begun to transfer its critical archive to UCD, where it is now in the care of the Micheál Ó Cléirigh Institute for the Study of Irish History and Civilisation and the School of History and Archives. Edel Bhreathnach talks to Louise Holden.



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Hunting Down the Links

Thanks to the impact of his work, and the controversy that has sometimes surrounded it, Professor Bob Gallo has become a giant in the global fight against AIDS. And from now on you may occasionally spot his towering figure around campus - he was recently appointed visiting professor to UCD's School of Medicine and Medical Science. Prof Gallo talks to Claire O'Connell.



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Applying psychology to economics

When formulating its policies in key areas such as health, education and pensions, does the Government take account of human psychology and how people actually behave? Dr Liam Delaney, a senior researcher at the UCD Geary Institute and lecturer in the School of Economics and the School of Public Health and Population Science talks to Sean Duke.

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Design:

Loman Cusack Design

Print:

DC Kavanagh | eBrook

Thanks to:

Padraic Conway, JP Donnelly, Catherine Godson, Ann Lavan, Maurice Manning, Cliona de Bhaldrathe Marsh, Damien McLoughlin, Patrick Wall

In the compilation of this publication, every care has been taken to ensure accuracy. Any errors or omissions should be brought to the attention of UCD University Relations (communications@ucd.ie). We also welcome your suggestions for articles in future editions.

This publication is also available online at www.ucd.ie/ucdtoday



Please Recycle

Perceptions: abroad and at home... reality hits

Loath them or love them, international rankings are a reality for universities and are seen as a measure of performance. So, with the caveat that should accompany any measurement, UCD's climb in the Times Higher Education Supplement world rankings to 177th (from 219th) indicates an impressive improvement in the perception of the university internationally. To some extent, UCD's rise in the rankings stemmed from changes in the methodology but, more importantly, UCD's performance in relation to actual measures all showed improvement and if we were to single out one measure it would be the 'citation per academic', which has leapfrogged others and is beginning to show how UCD is making an international impact.

More information on the THES rankings can be found at <http://www.ucd.ie/news>

On the home front, the first semester welcomes a new cohort of students to campus. While we are constantly aware of the bright students who come in to high point courses, we also recognise that points are driven by supply and demand and it remains crucially important that students choose their degree path based on their aptitude and interest rather than on their points. Each year the top students in each programme area are awarded entrance scholarships. 130 students were recently presented with their scholarships but in a new initiative to acknowledge the breadth of talent across the university, a total of 538 high achieving students took part in an entrance exhibition and their Leaving Certificate points will be recorded on their final graduation transcript. It is most encouraging to see the number of high achieving students entering omnibus programmes such as the BA, BComm, BEng and BSc and to see these students pursue their different academic interests across the entire university.

6th year secondary students are now approaching the time to fill out their CAO applications. Our communication to these students concentrates on providing them with real student experiences. Our own students (see www.myucd.ie) talk about the choices they made and consistently mention the benefit of being able to focus on specialisms as they discover where their deep interests lie. Over time we hope to add to this "meet the students" section so that applicants get a real flavour of UCD.

Eilis O'Brien

Director of Communications

Cover Image

Entrant: Cormac Nolan : Thomas Kador (Arts and Celtic Studies, School of Archaeology)

Title: Tracking the oldest farming communities at Baja, Jordan

Research story: The Pre Pottery Neolithic (PPN) site at Baja can only be reached by ascending this narrow siq or gorge. It is at sites like Baja that the oldest evidence for agriculture can be found. This expedition took place as part of the UCD/CBRL 'Landscapes in Transition' workshop

Images of Research

If a picture paints a thousand words, then the Images of Research competition proves that UCD researchers here have plenty to say. The competition, now in its second year, invites researchers to submit images that represent their work and engage the viewer to find out more about the story behind it.

It's the brainchild of Dr Aoibheann Gibbons, UCD's Director of Research Strategy and Planning, whose background encompasses scientific research in the arts and digital media. "I recognised when I came to UCD that there's a wealth and diversity of activity here and it spans across all of the disciplines and many main subjects," she says. "But for communication, it was very difficult to obtain images of representations of research work here. Those that did exist were strongly based in the life sciences and that's only one dimension of research in the university. The competition aimed to widen inclusivity and to communicate, through visual means, research stories from all of the disciplines and to have a rich and engaging way of telling those stories to a broader audience and to the public."

"This year's call resulted in over 600 images from science, humanities, arts and business being submitted, each one with a short description of the research story it represents. Not only do the images give a flavour of the diversity of research to a broader audience, but

entering the competition can encourage researchers to think about communicating their work in a different way", says Dr Gibbons.

The judging panel, chaired by Dr Gibbons, included multi award-winning photographer and President of the IPPA, Gerry O'Leary, artist Leah Hilliard from the National College of Art and Design, Willie White (Artistic Director of the Project Arts Centre), Anne Hodge (Curator of Prints and Drawings at the National Gallery of Ireland), art historian Dr Lynda Mulvin, communications director Elis O'Brien and JP Donnelly (Group Chief Executive of Ogilvy Ireland).

"The idea of the panel was to bring people who had the depth and range of experience to make them credible evaluators and judges of the images," she explains. "Panel members individually selected their shortlists of favourites online, based on composition, originality, impact, technical quality and effective portrayal of research. Shortlisted images were then printed out and the panel met to evaluate the images again."

"Images can look very different online and in printed form; sometimes your favourites change on the day, and people feel quite strongly about the ones they like, it's a very passionate discussion at times and that makes for a really good outcome", says Dr Gibbons.

As well as the diversity of research images on offer, she notes that the international dimension stood out too. "The global nature of the range of research really comes through. People are travelling to distant places, including the Arctic, Myanmar, Jordan, Iceland and Belize, to carry out research in the field, often in collaboration with other groups."

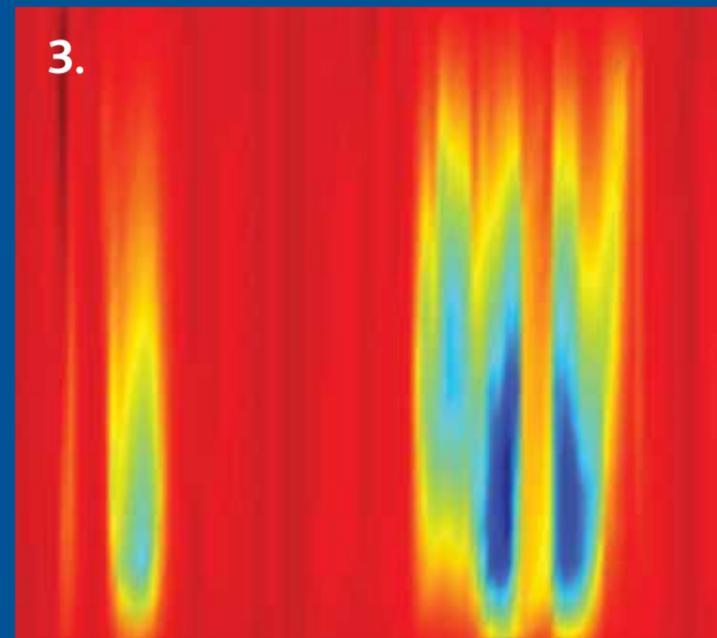
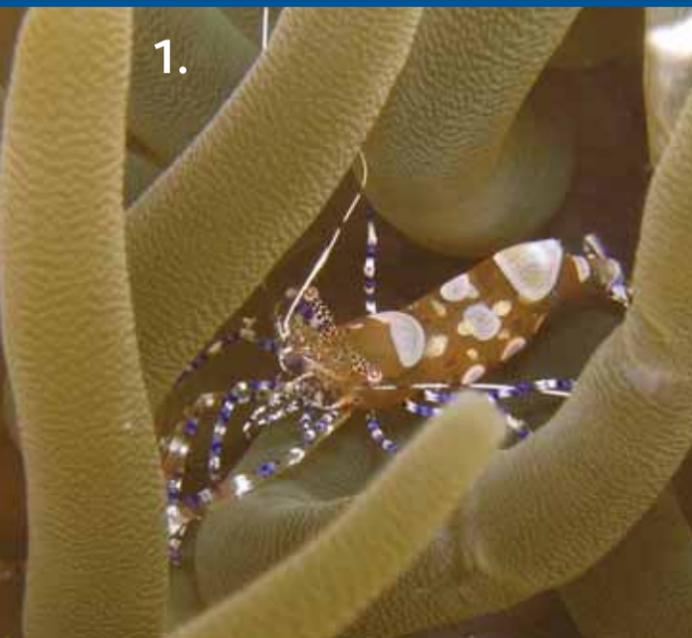
This year's short-listed entries, including the winner by Maria Cederlund, UCD Conway Institute (see photo 3), will be produced as framed prints and will be on display in UCD Research Office. They will also be made available to other locations throughout UCD, through the UCD collection curator. Selected images will be featured in a 2008 Images of Research calendar, and more images will be available through the research portal as a resource to UCD staff for profiling and promoting research underway at the university.

The Images of Research competition is overseen by an advisory committee of UCD staff and includes: Dr Ann Lavan, Dr Brian Caulfield, Eimear O'Connor, Dr Hans-Benjamin Braun, Prof Pat Guiry, Dr Robert Sands and Dr Lynda Mulvin.

Claire O'Connell (BSc 1992, PhD 1998) is a freelance journalist.

Entrants

- 1. Entrant:** Cormac Nolan (Life Sciences, School of Biology & Environmental Science)
Title: *Sleeping with the Anemone*
Research story: *This Caribbean spotted cleaner shrimp uses its bright colours and white antennae to attract clients to its anemone. "I spotted this one in the shallows after a research dive collecting fish in Turneffe Atoll, Belize"*
- 2. Images of Research Winner**
Entrant: Maria Cederlund (Life Sciences, School of Biomolecular & Biomedical Science)
Title: *Gene expression in zebrafish embryos*
Research story: *The violet stain shows where the gene mab2112 is expressed in the 28 hours zebrafish embryo. Expression domains include the eye, tectum and neural tube*
- 3. Entrant:** Daniel Cantero Lauer (Engineering, Mathematical & Physical Sciences, School of Architecture, Landscape & Civil Engineering)
Title: *Bridge's Soul*
Research story: *It is the relative error of the UNB (Under Vehicle Bending moment) for different frequencies of sine wave road profiles, taking as reference the response for 1cm amplitude*
- 4. Entrant:** Elizabeth Shotton (Engineering, Mathematical & Physical Sciences, School of Architecture, Landscape & Civil Engineering)
Title: *Arnarstapi, Iceland*
Research story: *From a collection of images of settlement and landscape patterns undertaken by students and staff from schools of architecture in Ireland, Iceland, Norway and Canada as part of the North Atlantic Rim Research Collaborative*



Italy's highest honour for UCD academic

Professor Deirdre O'Grady (School of Languages and Literatures) has been awarded one of Italy's highest honours for her contribution to Italian culture and language, receiving the *Cavaliere dell'Ordine della Stella della Solidarietà Italiana* (Knight of the Order of the Star of Italian Solidarity) by the President of the Italian Republic, Giorgio Napolitano, on a recommendation from his Minister for Foreign Affairs.

The honour was originally instituted in 1947 to recognize the achievements of Italian citizens and foreigners who had played a distinguished role in the reconstruction of Italy after World War II. It is now awarded by the President of the Republic for distinguished service to Italy or Italian culture.

Professor O'Grady is internationally recognised for her knowledge and expertise on eighteenth century Italian drama and especially on the Italian operatic libretto.



Inaugural Graduate Research Achievements Day

UCD educates more PhD students than any institution on this island - currently approximately 1700 are studying here at any given time. In October, the Dean of Graduate Studies and Postdoctoral Training, Prof Michael Ryan hosted the inaugural UCD Graduate Research Achievements Day to showcase and celebrate this research community.

Speaking at the opening, Dr Hugh Brady emphasised the importance of the research community as a major contributor to the creation, development, dissemination, interpretation, assimilation and application of knowledge in the 21st century.

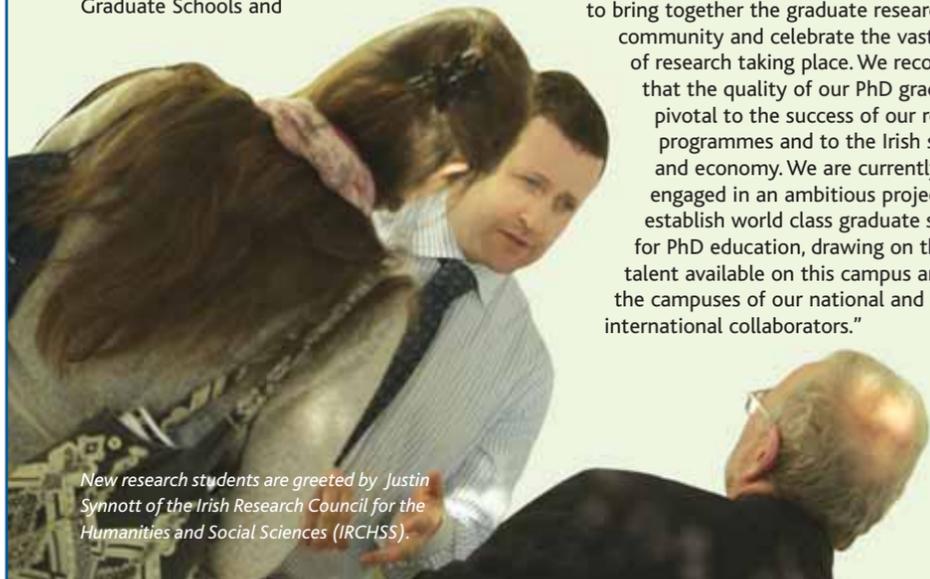
The tone of the UCD Graduate Researchers Achievements Day was set by Professor Patrick Cunningham (Chief Scientific Adviser to the Irish Government). His keynote address, entitled, 'Guardians of Knowledge, Drivers of Change - Universities Serving Society', focussed on the role of universities in the transmission of knowledge (teaching and learning) and the creation of knowledge (research). Professor Cunningham looked at the development of the Irish economy over the last ten years and then mapped the role of the university in driving a knowledge led society.

A poster session followed with the five Graduate Schools and

constituent Schools representing the key research achievements in their area. The posters identified not only the exceptionally high quality research that takes place in UCD but the diversity and variety of this research. Students also had an opportunity to speak to the funding agencies throughout the day.

One of the highlights of the day was the expert panel discussion chaired by John Bowman of RTE's Questions and Answers. The topic of discussion was 'The Role of Research and PhD Education in the Knowledge Society and Economy'. The expert panel was made up of six representatives of the research community in UCD. These included Professor Mary Daly (College Principal, UCD College of Arts & Celtic Studies), Professor Mark Keane (Vice-President for Innovation), Professor Pat Wall (Associate Professor of Public Health), Professor Ben Tonra (Director, UCD Graduate School of Human Sciences), Dr Elena Hutchens (Research Fellow, UCD) and Mr Shane Gannon (PhD student, UCD). John Bowman chaired a lively discussion that included questions from staff and students that focussed on the key issues of research and PhD degrees, internationalisation, fees and funding, to name but a few.

Commenting on the day, Professor Michael P Ryan (UCD Dean of Graduate Studies and Postdoctoral Training) said: "We are delighted to bring together the graduate research community and celebrate the vast range of research taking place. We recognise that the quality of our PhD graduates is pivotal to the success of our research programmes and to the Irish society and economy. We are currently engaged in an ambitious project to establish world class graduate schools for PhD education, drawing on the best talent available on this campus and on the campuses of our national and international collaborators."



New research students are greeted by Justin Synnott of the Irish Research Council for the Humanities and Social Sciences (IRCHSS).

Leading Irish businessman, Dermot Desmond honoured

Dermot Desmond was conferred with an Honorary Doctorate of Laws by UCD in November, in recognition of his outstanding contribution to business innovation and enterprise in Ireland. At the conferring ceremony, he was also presented with the UCD Ulysses Medal, the highest honour that the university can bestow, which is awarded to those who have created an entity or body of knowledge which adds significantly to the public good. The latter award acknowledges his pivotal role as the visionary behind the IFSC.

"UCD is proud to honour Dermot Desmond, the businessman, the patriot, the sportsman, the man of vision and bravery, the man who shaped and surfed the tide of modern Irish history as few others have before or since," said Dr Hugh Brady.

"In 1987, at a time when The Economist magazine described Ireland as 'The Basket Case of Europe', at a time when Ireland had 18% unemployment and 15% inflation, Dermot Desmond conceived the idea that Ireland, and specifically, the Custom House Docks in Dublin, would become the home to an International Financial Services Centre," continued Dr Brady.

"At the time, this idea seemed as farfetched as the idea of a telephone which you could fit in your shirt pocket and use to make calls from anywhere in the world."

Kieran McGowan (Chairman of the UCD Governing Authority) who gave the UCD Ulysses Medal citation, spoke of his privilege to serve as Chief Executive of the IDA in the years when the fruits of Dermot's idea of the International Financial Services Centre at Custom House Docks and all its positive collateral began to be reaped.



President's Teaching Awards 2007

Dr Tim McMahon (UCD Centre for Teaching and Learning) presented the President's Teaching Award Medals for the academic year 2006 - 2007 at a ceremony in the O'Reilly Hall in September. This is the tenth round of such awards in a scheme which must be regarded as a great success.

This year's recipients were: Dr Oonagh Breen (School of Law), Dr Debra Laefer (School Of Architecture, Landscape & Civil Engineering) and Dr Katherine O'Donnell (UCD School of Social Justice).

Speaking at the award presentation, Dr Hugh Brady said: "The standards applied in judging President's Teaching Awards are, rightly, very high and they are rigorously applied. But, these awards do not just reward excellence - UCD demands, and by-and-large gets, excellence from all its staff - rather, they are a recognition by the university of a proven demonstration of outstanding contributions to the development of student learning through quality improvements in teaching. This year's three

award winners join a select band of only 29 people who have been honoured in this way and their achievement is a just cause for celebration not only by the award winners themselves, their families and colleagues, but also all of us in the academic community charged with providing third level educational opportunities."

"It is people like this year's award winners who are helping to promote UCD as Ireland's premier learning capital and will enable us to reach our goal of being recognised as a global leader in providing a quality learning experience for students. Excellence in teaching is a necessary precursor to developing excellence in research and excellence in research can and should feed back into better, more exciting, more enjoyable, more innovative and, above all, more effective teaching. This year's three award winners have all shown how this can be done and further, how it can be done within, one has to say, the continually tight constraints of existing resources. Well done to them."



The award recipients with Dr Hugh Brady and David Jennings (Deputy Director of the Centre for Teaching and Learning).

UCD awarded funding for four major Graduate Research Education Programmes

UCD achieved outstanding results in the recently announced Graduate Research Education Programmes (GREP) funded by The Irish Research Council for the Humanities and Social Sciences (IRCHSS) and the Irish Research Council for Science, Engineering and Technology (IRCSET), leading four of the five programmes awarded and partnering with UCC on the fifth.

27 eligible proposals were submitted to the funding bodies from across the higher education sector and these were assessed by an international committee. GREP is a new approach to multi-annual funding for graduate programmes in the humanities, sciences, engineering and technology in Ireland. The total funding available for the 2007 Scheme was in the region of €8 - 10m.

The overarching objective of the GREPs is to bring together groupings of expertise focussed on high quality research, and to provide a more structured approach to research education and career formation for doctoral and master's scholars. These programmes will enable Ireland's higher education institutions to compete even more successfully in international research and enterprise environments. The programmes all involve collaborations with national and international higher education institutions and industry partners. A number of companies will provide internships for students giving them the benefit of the students' expertise and making students aware of longer term employment opportunities. Thereby, the GREPs will contribute to the growth of Ireland's knowledge economy by providing highly qualified and skilled graduates.

Graduate Programme for the Quantitative Social Sciences

Professor Paul Devereux (Professor of Economics and Geary Research Fellow) leads the graduate programme for the Quantitative Social Sciences with Professor Patrick Paul Walsh (Professor of International Development Studies (SPIRe) and Geary Research Fellow). Dr Ciara Whelan (School of Economics) played a substantial role in the formulation of the proposal application.

The programme received an award of €1m over three years to recruit, fund and train PhD students. With the backdrop of the UCD Geary Institute and the TCD Institute for International Integration Studies (IIS) providing the infrastructure and alignment of research programmes for the students, this programme is a ground-breaking inter-institutional, interdisciplinary approach to providing advanced, high-quality training for graduate education in the quantitative social sciences. With a focus on training students through structured courses and seminars to allow them perform basic research in the quantitative social sciences under the supervision of the Chairs in the UCD Geary Institute and the TCD IIS, the basic objective is to create in Ireland a centre of excellence in this area of such a scale as to be internationally competitive in the attraction and retention of the very best graduate students.

PhD Programme in Bioinformatics and Computational Biomedicine

Professor Denis Shields (Professor of Clinical Bioinformatics, UCD Conway Institute) leads the successful proposal for a PhD Programme in Bioinformatics and Computational Biomedicine. The interdisciplinary team spans statistics, computer science, mathematics, bioinformatics, experimental biology and medicine from at least four schools in UCD, joined by colleagues

from Trinity College Dublin and Royal College of Surgeons in Ireland. The programme's researchers will be mainly located in the Conway Institute and in the UCD Complex and Adaptive Systems Laboratory. Supervisors from the School of Medicine and Medical Sciences who will provide direction for the research projects include Dr Patrick Mallon (HIV), Prof Des Higgins (gene expression), Dr Sean Ennis (autism genetics), Prof Cormac Taylor (hypoxia systems biology), Dr William Watson (prostate cancer), Prof Denis Shields (oligopeptides and breast cancer) and Prof Brendan Loftus (bacterial pathogen uptake by cells).

PhD Programme in Sustainable Development

Professor Eugene O'Brien (former Director, UCD Urban Institute Ireland) leads the PhD programme in Sustainable Development. The programme is organised into interdisciplinary groups and crosses the Colleges of Human Sciences, Life Sciences and Engineering, Mathematical & Physical Sciences. The collaboration partners are based in Trinity College Dublin, Queens University Belfast, Göteborg University, University of Nottingham and ITC Enschede in the Netherlands. Four key areas of Sustainable Development (Biodiversity & Climate Change, Environmental Policy, Planning & Land Use, and Transportation & Infrastructure) are identified where UCD has a strong track record and will continue to build a major international reputation.

The programme includes an initial period of advanced training and specialisation in which participants are required to develop an understanding of Sustainable Development issues, the contribution of their discipline(s) and that of other associated ones through newly developed courses. This is complemented by a set of core research methods modules, transferable skills modules (in areas

such as Geographic Information Systems, Environmental Impact Assessment, etc) and a suite of elective specialisation modules related to the four key areas, sourced from both within UCD and contributing partner institutions.

Following the initial training period, subsequent doctoral research will be conducted within a comprehensive framework for mentoring and supervision of PhD students. This framework consists of protocols to enhance the student/supervisor dynamic, provide tangible indicators of progress through development plans and standardise time to completion.

Graduate Programme in Gender, Culture and History

Professor Gerardine Meaney (Professor of Cultural Theory, UCD School of English, Drama and Film) leads the graduate programme in Gender, Culture and History. Spanning history, literature and visual culture, this programme draws on collaboration with colleagues in University of Limerick and Queen's University Belfast.

The programme will cover three major interlinking, interdisciplinary research strands, combining studies of history, literature and visual culture: Gender, Cultural Change and Artistic Practice in Ireland, 1922-70; Gender, Cultural Memory and Local Identities, 1922-70; Gender, National Policy and International Practice.

A range of summer placements in national repositories such as the National Archives will be available at the end of year 1 to students progressing to PhDs. These will be specifically structured to give experience of the formation and management of the research materials with which they will work in subsequent years.

UCD awarded over €25m for SFI strategic research clusters

Minister for Enterprise, Trade and Employment, Micheál Martin TD and Science Foundation Ireland's Director General, Frank Gannon today announced four Strategic Research Cluster (SRC) awards valued at over €25 million with UCD as lead academic institution.

SFI Strategic Research Clusters help link scientists, engineers and clinicians in partnerships across academia and industry to carry out joint research activities in areas of strategic importance to Ireland, while also giving those clusters the time and resources to attract and cultivate strong industry partnerships that can inform and enhance their research programmes. Awards are for up to five years duration and are worth up to €1.5 million each per annum.

The four UCD-led clusters investigate a broad research spectrum that includes: pioneering the understanding of how nanoscale particles interact with living matter; developing novel drug delivery technologies; discovering and

manipulating molecules to enhance fertility; and developing efficient low cost solar energy conversion technologies. All four clusters will focus on a research area that is of strategic importance for Ireland's knowledge-based future.

The BioNanoInteract Strategic Research Cluster, under the directorship of Professor Kenneth Dawson of UCD's new NanoBio Institute, has received funding to the value of €7.2 million. It will pioneer the understanding of how nanoscale particles interact with living matter using some of the most advanced physical, chemical, biological and engineering tools currently available, as well as developing new approaches. It integrates the efforts of leading scientists from UCD, TCD, UCC, UL, NUIM, DIT, and UU. Industry partners currently include Intel, Biotrin, ThermoFisher, DePuy, Deprac Fluidics, Cellix, and Glantreo and will be expanded as the Cluster develops.

A Strategic Research Cluster grant of €5.2 million was awarded to The Irish Drug Delivery Network (IDDN). The IDDN will make oral and

inhaled formulations of biotech molecules that normally require injection. The molecules will be protected from breakdown by capping with novel shielding polymers formulated as particles. The cluster brings together the UCD Conway Institute along with the Schools of Pharmacy in Trinity College, Royal College of Surgeons and University College Cork, creating a critical mass of expertise in the drug delivery area. David Brayden, Associate Professor of Drug Delivery in UCD is Lead Principal Investigator. Industry partners include Genzyme Ireland, Sigmoid Biotechnologies and Warwick Effect Polymers.

The Reproductive Biology Research Cluster has been awarded a grant of €7.4 million over five years, with an additional €400,000 already committed from industry partners. Low fertility in dairy cows has a significant negative impact on the dairy industry, Ireland's largest agricultural enterprise and the research aim of this Cluster is the discovery and manipulation of molecules to enhance bovine fertility. The

results will also form the basis for new applications for assisted human reproduction. The cluster comprises a group of internationally recognised scientists from UCD and Teagasc, along with industry partners Pfizer and Biotrin Technologies. Lead Principal Investigator is Professor Alexander Evans, UCD School of Agriculture, Food Science and Veterinary Medicine and UCD Conway Institute.

The Advanced Biomimetic Materials for Solar Energy Conversion has received a Strategic Research Cluster grant of €5.3 million. It is investigating an emerging field called biomimetics, which seeks to develop efficient low cost solar energy conversion technologies which mimic natural photosynthesis. The cluster integrates expertise from UCD, UL and DCU, as well as industry partners Airtricity, OBD-Tec and Celtic Catalysts. The Lead Principal Investigator is Professor Don MacElroy, UCD School of Chemical and Bioprocess Engineering and Materials Science Centre.

International electronics journal honours UCD Professor

A special issue of one of the leading journals in the area of electronic circuits and systems has recently been published in honour of Professor J O Scanlan (Emeritus Professor of Electronic Engineering, UCD).

The special issue of the International Journal of Circuit Theory and Applications, entitled 'Reviews in Circuits and Systems: On the Occasion of the 70th Birthday of JO Scanlan', includes twelve contributions from international leaders in the field. It was edited by Professor Orla Feely (UCD School of Electrical, Electronic and Mechanical Engineering).

As one of the leading international figures in the field of circuit theory since the 1960s, Professor Scanlan has solved some of the most important research challenges in the area and developed theories that continue to be central to the design of modern communications

circuits. He founded the International Journal of Circuit Theory and Applications and the biannual European Conferences on Circuit Theory and Design - two of the primary avenues for the publication of the latest research findings in circuits and systems.

A graduate of UCD, Professor Scanlan was appointed to the Chair of Electronic Engineering at the University of Leeds in 1968. In 1973, he left Leeds to take up the newly-created Chair of Electronic Engineering in UCD. He later became Head of the former Department of Electronic and Electrical Engineering at UCD. In 2002, he retired from these positions, but he continues his association with UCD in a variety of ways. Professor Scanlan was an elected member of the UCD Governing Authority, and also served with distinction as secretary and later president of the Royal Irish Academy.

Celtic Twilight sculpture moves to Belfield

Celtic Twilight, a six-metre high steel rod and tubular stainless steel sculpture created by renowned Irish artist Edward Delaney in 1974, has been donated to UCD by developer David Arnold in memory of his father. The sculpture, which was originally located in the American Airlines Building on Baggot St, Dublin, will be on permanent display in the courtyard of the UCD Conway Institute.

"We are honoured that UCD has become the home of this impressive piece of sculpture by one of Ireland's most accomplished artists," said Eamonn Ceannt (UCD Vice-President for Capital and Commercial Development). "And we are extremely grateful to David Arnold for donating the piece which gives this courtyard at the UCD Conway Institute a dramatic new focus for all those who come to enjoy its open space."

To accompany the sculpture, a series of 12 prints by Edward Delaney entitled 'The Samson Riddle' are currently on display in the foyer of the UCD Conway Institute. 'The Samson Riddle' print series are the only existing prints by Delaney. They tell a series of tales based on Old Testament stories and were published in 1970 by the Davis Gallery, Dublin. The prints are on loan to UCD from the artist's family.



Structured PhD: Introduction to Core Research Skills

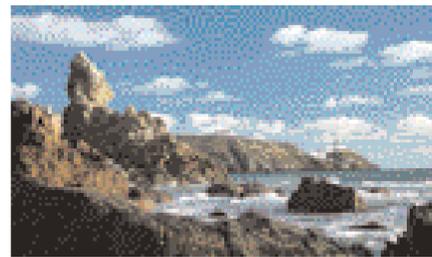
Incoming PhD students from across the university got their research off to a flying start by participating in 'Introduction to Core Research Skills', an induction module for graduate research students. This module was additional to some specific modules delivered at Graduate School level. Co-ordinated by the UCD Office of the Dean for Graduate Studies and Postdoctoral Training, the induction took place over three full days in October. A truly collaborative effort, the induction included presentations from senior academic staff and representatives of UCD Careers and Appointments Service, UCD Centre for Teaching and Learning, UCD IT Services, UCD Library, NovaUCD, the Safety Office and University Relations.

Professor Michael P Ryan (Dean of Graduate Studies and Postdoctoral Training), opened the session giving an overview of the UCD structured PhD, UCD 4th level, the UCD Graduate Schools and introduced the Graduate School Directors to the new incoming PhD students. Dr Westley Forsythe of the Irish Universities Association gave a presentation on Fourth Level Ireland and the Knowledge Society: Skills Development, which contextualised the move towards structured graduate research

programmes in Irish universities, at which the UCD Structured PhD is at the forefront. Under the Strategy for Science, Technology and Innovation, the government's objective is to double the number of PhD graduates by 2013. Clearly, not all will pursue academic careers and approximately 80% of our PhD graduates are expected to move into other sectors of society including industry, business, public or non-profit sectors. Within this context, the importance of career planning and acquiring transferable skills that will be attractive to employers during the course of doctoral studies was highlighted.

The themes for each day were 'Fourth-Level UCD - Introduction to Doctoral Studies', 'Managing Your Research and Professional Development' and 'Disseminating Your Research Results'. A diverse range of topics within these themes was covered, from research skills such as 'Formulating a Research Question', 'Tackling a Literature Review', 'Keeping Current in your Research Area' and 'Presenting at Conferences' to transferable skills such as 'Effective Time Management', 'Team Working and Conflict Resolution'. Perhaps most importantly, the induction gave UCD's talented new researchers a chance to meet, discuss their research and create their own networks of support with researchers in other Schools and Colleges.

CECAM Bid



For three decades, CECAM (Centre Européen de Calcul Atomique et Moléculaire - The European Centre for Atomic Molecular Calculations) has played a pivotal role in advancing the modelling of atomic molecular phenomena. This research has led to numerous scientific breakthroughs and has helped to establish the field of computational modelling as a critical tool for discovery.

CECAM was developed on the basis that 'the level in many laboratories could be raised by bringing together, for short periods of time from these several laboratories, scientists who are interested in the same or related problems, so that they could benefit from a mutual

stimulation, which will lead to a much more rapid development of ideas in the employment of computers.'

On March 9, 2007, the CECAM Scientific Council concluded that the expansion of their activities would make it necessary to upgrade their structure. As a result CECAM sent out a request for bids to relocate and reorganise its structure to take it to the next level. UCD, representing the community of computer simulators in Ireland, north and south, the Irish Government, Irish industry, and researchers in high performance computing, maths and computational science, together with experimental researchers in exciting areas of scientific investigation, presented a bid in September to host CECAM. This bid was led by Professor Nick Quirke (Vice-President and Principal of the College of Engineering, Mathematics and Physical Sciences) and supported by a team led by a specially-appointed CECAM co-ordinator, Dr Donal MacKernan.

The bid was successful and UCD has been short-listed and ranked third out of thirteen bids from leading European universities. The next step in this process is a site visit to EMPS by the CECAM Council which is due to take place towards the end of this year.

Evaluating the impact of the New ERA Widening Participation Scheme

As the result of a successful tender to the Strategic Innovation Fund (SIF) Cycle I, UCD's Office of the Director of Access New ERA Programme, in conjunction with UCD Geary Institute, is currently undertaking a quantitative evaluation of the New ERA Widening Participation Initiative. UCD's New ERA programme, in existence since 1997, aims to encourage and facilitate increased participation in higher education by students who, for a variety of economic or social reasons, are under-represented in university.

The aim of the study 'Evaluating the Impact of the UCD New ERA Widening Participation Scheme' is to go beyond the analysis of the

existing programme to design new interventions and/or to fine-tune existing ones within New ERA and UCD. This two-stage quantitative evaluation will help determine the effectiveness of UCD's New ERA programme specifically and will help inform policy about future development of such programmes internationally. The study will also contribute to the international literature on access programmes where such quantitative studies are few.

Stage 1 of the study will be a retrospective evaluation of the New ERA Programme over the last seven years. Stage 2 will involve devising and implementing new/modified services using rigorous social science methods to evaluate the effectiveness of those services.

Mao biographer, Jung Chang at UCD

Over 1,000 people came to hear the author of *Wild Swans*, Jung Chang speak about her latest work: *Mao - The Untold Story*.

Chang spoke passionately about what she believed to be the nature and motivations behind Mao the man and Mao the ruler. In her work, co-authored by her historian husband Jon Halliday, Chang paints a picture of Mao as one of the greatest monsters of the 20th century - equating him to rulers like Hitler and Stalin. According to Chang, Chairman Mao used power and fear to enforce his will on the party and on the mass population under his rule.

Among those interviewed for the book were many of Mao's inner circle who had never previously spoken on the topic, and prominent international statesmen who had significant dealings with him including George Bush Sr, Henry Kissinger, Gerald Ford, Edward Heath, Imelda Marcos, President Mobutu and the Dalai Lama.

Jung Chang's life was shaped by the political movements introduced by Mao. At the age of

fourteen she was a Red Guard, following this she worked as a peasant, a 'barefoot doctor', a steelworker and an electrician before becoming an English-language student and, later, an assistant lecturer at Sichuan University. In 1978, she came to England and in 1982 obtained her PhD in Linguistics from York University.

In her lecture, Chang outlined examples of Mao's willingness to sacrifice the Chinese people in his reach for superpower status: the use of produce from local peasants to support his armed forces in the 1920s and early 30s; the sacrifice of thousands of troops in futile military diversions; the extension of the Korean War; and the extraction of the livelihoods of China's peasants to meet the needs of industry, urban populations and the advancement of nuclear weapons.

Following the public lecture, Chang engaged in a Questions and Answers session with members of the audience. The questions ranged from the accuracy of the facts and figures published in the book, to the lifting of the ban on her books

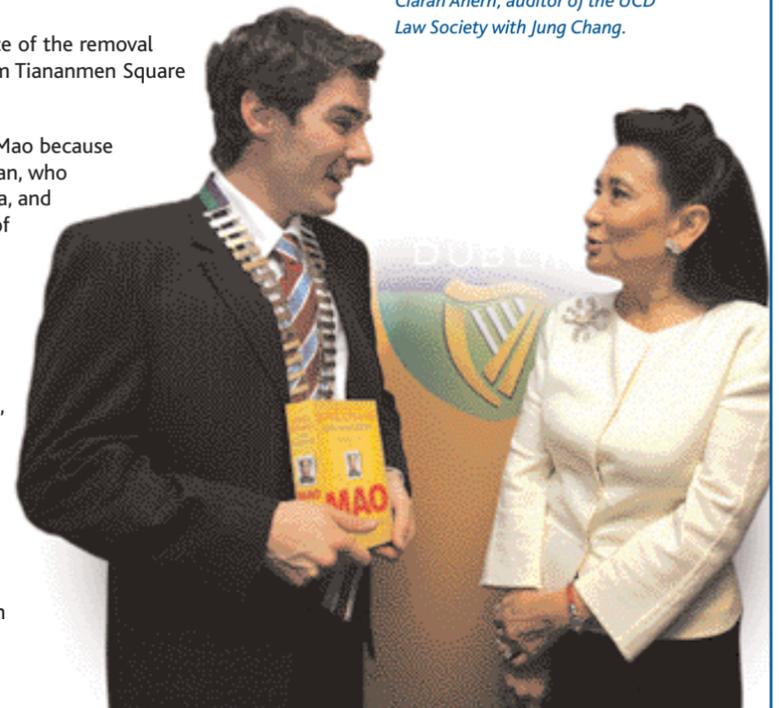
in China, to the significance of the removal of the portrait of Mao from Tiananmen Square in Beijing.

"I decided to write about Mao because I was fascinated by this man, who dominated my life in China, and who devastated the lives of my fellow countrymen - a quarter of the world's population," said Chang.

Jung Chang is best known for her family autobiography *Wild Swans*, which sold over 10 million copies worldwide since its publication in 1991 but is still banned in mainland China.

The UCD Law Society presented Jung Chang with lifetime membership.

Ciaran Ahern, auditor of the UCD Law Society with Jung Chang.



Inaugural UCD Smurfit School Business Journalist Awards

Over 100 entries were received in the first ever business journalist awards supported by UCD Michael Smurfit Graduate Business School. The Dean, Professor Tom Begley presented each winner with their award and a cheque for €1,500.

Commenting on the entries Lochlann Quinn, Chair of the Judging Panel said: "The judges were impressed with both the volume and the standard of entries. Business journalism has a hugely important role to play in Ireland and it is not always an easy one. The judging panel fully appreciate the difficulties associated with breaking a great news story or effectively translating a complex business issue. Naturally there can only ever be one winner in any category and special congratulations go to our winners."

Also speaking at the awards, Professor Tom Begley said "UCD Michael Smurfit Graduate Business School believes that business journalism has a valuable and important role to play in corporate Ireland and these awards are about recognising that role. The School looks

forward to supporting these awards in the years to come and hopes you and your colleagues will continue to enter".

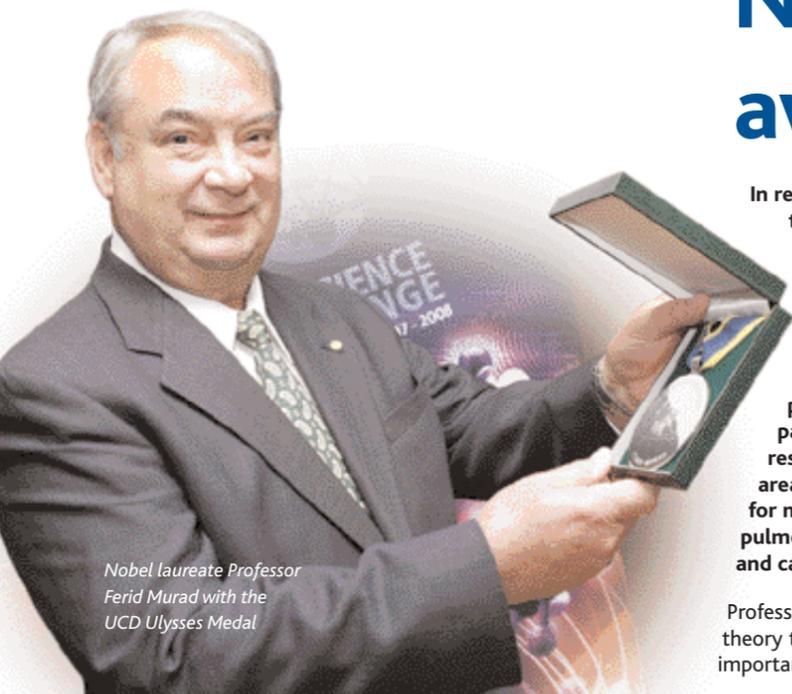
The judging panel comprised of key industry figures from the world of business and journalism and included the Chair, Lochlann Quinn, formerly of Glen Dimplex; Gillian Bowler, Founder and Chairman of Budget Travel and Chairman of Fáilte Ireland; Tony Garry, CEO, Davy Stockbrokers; Fiona McHugh, Former Editor of the Sunday Times and founder of Fallon and Byrne; Aileen O'Toole, Co-founder of the Sunday Business Post and Managing Director of AMAS; Ted Harding, barrister and co-presenter of the Sunday Business Show; Vincent Wall, Former editor of Business and Finance and Director of Communications, Dublin Airport Authority; Professor Eamonn Walsh, PWC Professor of Accounting at UCD and Professor Tom Begley, Dean, UCD Business Schools.

A full list of the winners and shortlisted entrants is available at www.ucd.ie/news



Pictured (l-r): Young Journalist of the Year Winner: Mark Paul, Sunday Times; Business Comment Winner: Brian Carey, Sunday Times; Specialist Business Reporting Winner: Niall Brady, Sunday Times; Regional Business Reporting Winner: Alison Donnelly, Evening Echo; Business News Winner: Kathleen Barrington, Sunday Business Post; Business Feature Winner: Arthur Beesely, Irish Times and Business Broadcast Winner: John Murray, RTÉ Radio One.

Nobel Prize-winning scientist awarded Ulysses Medal



Nobel laureate Professor Ferid Murad with the UCD Ulysses Medal

In recognition of his discovery of the use of nitric oxide in drug development and disease therapy, Nobel Prize-winning scientist Professor Ferid Murad has been awarded the UCD Ulysses Medal. Professor Murad's pioneering scientific work paved the way for biological research to venture into new areas which provide drug targets for many diseases including pulmonary hypertension, cancer and cardiac disease.

Professor Murad proposed the initial theory that a gas could regulate important biological functions. He

identified that nitric oxide (a gas produced when nitrogen burns) is released by nitroglycerin causing smooth muscle cells in the walls of blood vessels to relax. Developing his work, Robert F Furchgott and Louis J Ignarro provided experimental proof that nitric oxide acts as a signalling molecule in the cardiovascular system. And in 1998, the three scientists were jointly awarded the Nobel Prize in Physiology or Medicine for their discovery.

"Professor Murad's work on nitric oxide initiated the development of a new area of biological research, which now boasts in excess of 80,000 peer reviewed publications; a significant body of scientific knowledge," said Professor Des Fitzgerald (Vice-President for Research) presenting Professor Murad with the UCD Ulysses Medal. "This is the highest honour that

the university can bestow." After the formal award ceremony, Professor Murad presented his Ulysses lecture entitled the 'Discovery of nitric oxide and its application in drug development'.

While in Ireland, Professor Murad also announced details of the FÁS National Scholars Programme. This programme provides Irish students in the applied sciences and engineering the opportunity to serve a six month internship in the United States. The key objective of the programme is to enhance Ireland's knowledge base, and encourage entrepreneurship and up-skilling in related disciplines. Several UCD students are among those selected for this year's internship programmes.

Léacht Uí Chadhain

18 Deireadh Fómhair 2007

'In Ard a Ghutha'

Finnéithe litríochta an fichiú haois: critic iriseoireachta

A large and enthusiastic audience attended the annual Léacht Uí Chadhain in the William Jefferson Clinton Institute in October. This year's lecture on 'Literary witnesses of the 20th century: a journalistic criticism' was delivered by Dr Regina Uí Chollatáin of the UCD School of Irish, Celtic Studies, Irish Folklore and Linguistics. The lecture series was founded in 1980 as a platform for leading scholars of research in modern Irish literature and language. Clearly from the attendance, discussion and feedback which followed this year's lecture, this is a significant event in the calendar of modern Irish research.

Dr Uí Chollatáin presented new theories on the critical analysis of journalistic writings, focussing on the role of these writings in an ever-changing multicultural and multilingual twenty-first century Irish society. The prose writings provide a critical platform for Irish literature, although journalistic, literary and language hypotheses remain vague and undefined. The contextual and critical analysis of these prose writings is a pivotal tool in the development of the construct of the imagined Irish language print community.

While language is an integral element in all minority writing genres, minority language media studies would benefit considerably from links with mainstream media studies, not only in assessing the role of media but in furthering the need to focus on progressive literary and philanthropic theories in an ever-changing fragmented society. This in turn providing a forum for parallel analysis of literary

advancement with technological progression while enhancing cultural, sociological, anthropological and political studies.

With progressive media advancements such as the appointment of Professor John Horgan as the first media ombudsman, media studies is clearly a dynamic contemporary area of research. This progression and vision is reflected in Irish language media studies in UCD with pioneering developments such as the first university based Journalist in Residence in 2006-7, a project funded by Foras na Gaeilge; film and media symposia, the most recent one on 23 October organised by Pat Butler, RTÉ / UCD Journalist in Residence; a new collaborative MA: Scríobh agus Cumarsáid na Gaeilge (2006), combining work experience in the major national television and radio stations with modules on technological skills, translation, journalistic theory and writing skills.

This progression and the theme of Léacht Uí Chadhain 2007 further demonstrate the significant need for collaboration between academic media studies and the journalistic profession, building on the links created. As has been the practice with this lecture series to date, Léacht Uí Chadhain 2007 will be published in the Irish language journal *Comhar*. Dr Uí Chollatáin's book on the critical analysis of the first national Irish language newspaper *An Claidheamh Soluis agus Fáinne an Lae 1899-1932* was published in 2004 by Cois Life. Her next book *Díolaim Iriseoireachta Pinn: Prós-Iriseoireacht na Gaeilge san 20ú hAois* will be published by Cois Life early in 2008.

Is é seo teideal Léacht Uí Chadhain 2007 a thug an Dr Regina Uí Chollatáin in Halla Éisteachta Clinton, Institiúid Dhomhanda Éireannach. Slua mór i láthair don léacht féin agus don oíche spreagúil, fhuinniúil le neart ábhar machnaimh agus díospóireachta a lean í. Is cuid de shraith léachtaí bhliantúil ar litríocht agus ar léann na Gaeilge, ar cuireadh tús léi i 1980, í Léacht Uí Chadhain.

Sa léacht seo chuir an Dr Uí Chollatáin teoricí nua critice i láthair trí scagadh na dtéiseanna critice maraon le hiniúchadh ar phrós-scríbhinní iriseoireachta i rith an fichiú haois. Toisc athruithe sochtheangeolaíochta agus cultúrtha ó dheireadh an naoú haois déag ar aghaidh, tá tuiscintí teorann i gcúrsaí teanga agus litríochta a shoiléiríonn feidhm próis-scríbhinní iriseoireachta na n-údar litríochta éiginnte. Teorainneacha fisiciúla, samhalta agus fóirúla ag trasnáil a chéile a thugann le fios gur scríbhinní leithleacha iad, a chuireann dearcadh agus físcríbhneoirí aonaracha gan caingeán orthu i láthair, sa chiall is leithne de shaoririseoireacht. Agus na scríbhinní úd á meas leathnófar ar luach na gcloch míle seo i bhorbairt coincheap na 'mioniriseoireachta' in áit iriseoireacht i mionteanga, agus an 'genres completeness' a phléann Tom Moring.

Uirlisí atógála iad na scríbhinní seo a chruthaíonn naisc idir téis chritice agus dualgaisí teanga an fhocail chlóite mar mheán údarásach comhaimseartha. Sa chomhthéacs sin, aithnítear constráid an phobail shamhalta i litríocht na Gaeilge tríd an bprós-iriseoireacht. I gcomhthéacs luach na teanga, agus

ilghnéitheacht agus saoirse na mioniriseoireachta is fearr a thuigfead iad.

Le cúpla bliain anuas agus taighde coincheapúil, criticiúil á dhéanamh tá borradh ar staidéar na meán. Aithnítear leis, cé gur gluaiseachtaí comhthreoracha iad, nach ionann staidéar acadúil na meán agus gairm na hiriseoireachta. Dá bharr is gá naisc a chruthú eatarthu, an chéad chéim de seo tugtha le ceapachán an chéad Ombudsman, an tOllamh John Horgan. Tá an fhís agus an forás seo le sonrú go suntasach i staidéar na meán Gaeilge i UCD le tograí ceannrúdaíochta ar nós, an chéad Iriseoir Cónaitheach Ollscoile a ceapadh le hurraíocht ó Fhoras na Gaeilge i 2006; siompóisiamáí scannánaíochta agus iriseoireachta, an ceann is déanaí eagraithe ag Pat Butler, RTÉ / Iriseoir Cónaitheach UCD; MA: Scríobh agus Cumarsáid na Gaeilge, clár nua comhoibrítheach a cheanglaíonn taithe oibre in RTÉ, TG4 agus RnaG le modúil ar scileanna aistriúcháin, scileanna teicneolaíochta, staidéar stairiúil agus criticiúil na meán, agus ceard na scríbhneoireachta.

I bhfianaise na bhforbairtí seo agus ábhar Léacht Uí Chadhain 2007 aithnítear constráid an phobail shamhalta sna meáin agus tuigtear na naisc idir staidéar na meán agus gairm na hiriseoireachta. Mar is gnách foilseofar Léacht Uí Chadhain 2007 san iris *Comhar*. Foilsíodh *An Claidheamh Soluis agus Fáinne an Lae 1899-1932* (Cois Life), anailís chriticiúil ar an chéad nuachtán Gaeilge ag an Dr Regina Uí Chollatáin i 2004. Foilseofar a chéad leabhar eile *Díolaim Iriseoireachta Pinn: Prós-Iriseoireacht na Gaeilge san 20ú hAois* go luath i 2008.



Pictured are (l-r) Prof Liam Mac Mathúna, Prof Alan Tittley, Dr Regina Uí Chollatáin and Dr Caoimhín Mac Giolla Léith.

New voices in the humanities: award of UCD Ad Astra Scholarships in Arts and Celtic Studies

As part of their commitment to developing UCD as a vibrant international platform for research in the humanities, the College of Arts and Celtic Studies and its Graduate School recently awarded ten prestigious UCD Ad Astra Research Scholarships for a duration of three years to students embarking on a range of doctoral research projects in the arts and humanities.

These awards are emblematic of UCD's commitment to research excellence and they are designed to attract leading early stage researchers from across the world to UCD. These new researchers are working on a range of leading-edge topics which are indicative of the exciting and innovative research in the humanities currently under way among both graduate students and academic staff at UCD. Among the research themes being investigated by the new Ad Astra Scholars are studies of social dislocation in the modern novel, the dead in Greek tragedy, relics and social customs in

early Christian Ireland, linguistics and computers, Dutch painting in the seventeenth century, conflict and collaboration in emergency Ireland, sectarianism and identity formation as evidenced in Gaelic literature of the period 1750-1850.

Awards were made to the following scholars who are pictured with Professor Mary Daly (Principal, College of Arts and Celtic Studies) and Dr Marc Caball (Director, Graduate School in Arts and Celtic Studies) Centre Front: Bryce Evans (School of History & Archives), Sonja Laus (School of Archaeology), Bridget Martin (School of Classics), Conor Nangle (School of English, Drama & Film), Niamh Ní Shíadhail (School of Irish, Celtic Studies, Irish Folklore & Linguistics), Emmett O'Keeffe (School of Archaeology), Niamh Wycherley (School of History & Archives), Louise Walsh (School of English, Drama & Film), Louise Kelly (School of Art History & Cultural Policy) and Michael Maerlein (School of Languages & Literatures).





Sticky situations at the UCD Science Festival

Over 700 primary and secondary school students from across Ireland visited UCD during the UCD Science Festival to explore the history of planet earth and to discover how science is part of our everyday lives.

At this year's festival - themed 'Surrounded by Science' - students had the opportunity to meet giant Malay and Indian stick insects and African land snails.

"Today the work of Dublin Zoo involves the conservation and preservation of biodiversity," explained Catherine McGuinness, education assistant from Dublin Zoo, who brought the insects to Belfield for the science festival. "The festival is a great opportunity for us to meet the next generation and educate them so that they might learn from the mistakes of previous generations."

Each UCD school involved in the area of science set up an interactive pod for students visiting the festival. The UCD School of Physics had a radar gun to measure the speed at which students could kick a football, and the UCD School of Geological Sciences had a pod where students could create and measure their own earthquakes.

At their interactive pod, chemists from the UCD School of Chemistry and Chemical Biology turned copper coins into silver and gold. While solving mathematical puzzles and testing mental agility at video games was the order of the day at the pods hosted by the UCD School of Mathematical Sciences and the UCD School of Computer Science & Informatics.

"It was absolutely fantastic, a brilliant learning experience, very engaging and lots of fun for the students and us teachers," said Emer Whyte, a teacher from St Peter's Boys School in Bray, who escorted a group of students to the event.

At the biological pods hosted by the UCD School of Biology and Environmental Science and the UCD School of Biomolecular and Biomedical Science, students examined fossil plants and dinosaur parts which were between 65 million and 200 million years old. They also had the opportunity to witness the impact of pollution on Irish marine life and observe Zebrafish in motion.

"The students were fascinated and this visit to UCD will really increase their interest in science," said Kieran Kelly, a teacher from St Clare's in Harold's Cross.



Guillevic Conference

An international conference entitled 'Guillevic: Poetry in the Light of the Everyday', took place at Newman House and the Humanities Institute of Ireland in September. Organised by Dr Michael Brophy (French & Francophone Studies, School of Languages & Literatures) to mark the centenary of Guillevic's birth, it celebrated one of France's most loved poetic

voices, drawing poets and critics from Ireland, France, the US and Canada. The poet's widow Lucie Guillevic provided an intimate view of the poet's everyday life. The poet John Montague, an avid reader and translator of Guillevic, spoke of the use of stone and walls in his work. Seamus Heaney also paid tribute to the poet's craft in a written contribution.

Pictured are (l-r): Mary Ann Caws (Distinguished Professor of French, English and Comparative Literature, CUNY), Maureen Smith (translator), Monique Labidoire (poet and critic), Bernard Fournier (poet and critic), Jacques and Mrs Lardoux (University of Angers) and Sergio and Mrs Villani (York University, Toronto).



Cultural perspectives on globalisation and Ireland

What are the cultural consequences in Ireland of globalisation and how can the humanities enhance our understanding of the changes which are currently shaping Ireland's social and cultural development? With a view to beginning a conversation among scholars in the humanities as to how they might best respond to such questions, the UCD Humanities Institute of Ireland (HII) and the National Centre for Franco-Irish Studies (IT Tallaght) jointly presented the first in a projected series of one-day conferences in November.

On this occasion, experts addressed the question of globalisation from the perspective of the humanities and social sciences. While the economic and political aspects of globalisation and Ireland have been the subject of discussion over recent years, this timely event inaugurated a lively and dynamic conversation among

humanities scholars and social scientists on the cultural and social implications of this transformative process. The processes of globalisation and their cultural manifestations were examined from diverse but complementary angles: Irish history and globalisation, interdisciplinarity and Irish studies in the new age of migration, the global Irish contribution to new age religions and contemporary Irish fiction and transnational notions of identity and nationality.

Organised by Dr Marc Caball (UCD HII) and Dr Eamon Maher (IT Tallaght), this pioneering event featured contributions from Fintan O'Toole (The Irish Times), Professor Anne Fogarty (UCD School of English, Drama and Film), Dr Alice Feldman (UCD School of Sociology) and Professor Catherine Maignant (Université de Lille 3).



Pictured at the conference are (l-r) Dr Eamon Maher (Director of Franco-Irish Studies, IT Tallaght), Prof Catherine Maignant (Université de Lille 3), Fintan O'Toole (Irish Times), Dr Alice Feldman (UCD Sociology) and Dr Marc Caball (Director, Humanities Institute of Ireland).

Centre of International Development Studies

UCD has received €1.5m funding in the first round of Irish Aid's Programme of Strategic Co-operation with Higher Education and Research Institutes 2007-2011. Launched by the Minister for Overseas Development, Michael Kitt TD, last year, the programme encourages partnerships between Irish third-level institutions and their counterparts in developing countries. "Together, they (universities and colleges) will work to develop innovative ways to tackle global poverty and underdevelopment," said Minister Kitt.

Professor Paul Walsh (Chair of International Development Studies at UCD School of Politics and International Relations) will head up a Centre of International Development Studies (CIDS) with a number of objectives:

- 1) To fund a multi-disciplinary team of researchers working on poverty reduction in the Conway Institute (Medical Science), Geary Institute (Social Science) and Urban Institute (Environmental and Agricultural Science).
- 2) To leverage UCD's investment in 'Horizons' and the 'fourth level' to expand development modules available to students in UCD and partner universities.

- 3) To develop a partnership with the University of Dar es Salaam in Tanzania and allow access to other African universities via partnerships with other Irish universities.
- 4) To support Irish Aid and use diverse dissemination mechanisms.

The areas of research include: Health and HIV Aids; Poverty and Disadvantage; Good Governance; Pro-Poor Growth; Education; Gender Equality; Food and Livelihood Security; and Environment.

"Through the initiative, UCD will expand its academic modules in development studies, and make these modules more accessible to undergraduate and postgraduate students studying at UCD and its partner universities, Dar es Salaam and Trinity College Dublin."

Two-way flows of staff and students between UCD and the University of Dar es Salaam in Tanzania will also be funded through the initiative. As will further enhancement of the Development Studies Library which was established at UCD by the Department of Foreign Affairs in 1987.

Students explore encryption behind iPods

In October Professor Gary McGuire from the UCD School of Mathematical Sciences and the Claude Shannon Institute gave an insight into the maths behind iPods and DVDs and choosing a Quick Pick in the Lotto to students and teachers from eight Dublin secondary schools. This talk was given during National Maths Week as part of the UCD Science and Claude Shannon Institute's outreach programmes. This institute, funded under the new Science Foundation Ireland Mathematics Initiative, is a new and exciting development in Ireland for research in the mathematics of communications.

The students were challenged to decrypt a coded message using a secret key before examining the complexity of encryption used nowadays for credit card transactions over the Internet and downloading songs from iTunes. Professor McGuire explained how songs are encrypted with FairPlay but when we download them, the key to decrypting them is included in the file so our iPods will automatically play the songs.

"The famous mathematician Claude Shannon invented a new science called information theory," continued Professor McGuire. "This science explains that messages are composed of information and redundancy. The concept of redundancy is clearly illustrated by our ability to understand the text message 'c u l8r' even though letters are missing from all of the words. Some letters are redundant, and some

letters contain the information. Redundancy is taken out in the process of compression to make files smaller so large music files such as mp3s can be downloaded quickly."

Professor McGuire also gave examples of the maths behind reducing the interference of a signal coming from a satellite and the noise caused by dust and dirt on a DVD. The audience was then called on to take part in a 'Spot the Mathematician' quiz. They were all amazed to discover that Teri Hatcher from Desperate Housewives, Brian May from Queen, Jonny Buckland from Coldplay and even Eamon DeValera had all studied maths.

The talk ended with a brief discussion on random number generation in relation to the shuffle on our iPods and choosing a Quick Pick in the Lotto. The students all confirmed that they wouldn't usually choose two consecutive numbers when selecting their Lotto numbers and were very interested to hear that it is more common to have two consecutive numbers in winning combinations!

At the outset of the talk Professor McGuire said that "it is a myth that people do not use maths in their everyday lives, and the truth is that maths is all around us but often hidden beneath the surface."



Pictured are Professor Gary McGuire with sixth year students Robert Kayitare and Deborah Mulikuza from Kylemore College during Maths Week at UCD.

Enhancing the Student Experience

Telephone fundraising will be the cornerstone of UCD's fundraising strategy to persuade all graduates to give back to their alma mater. The first telephone campaign undertaken this autumn has raised €269,000 in gifts and pledges for the newly established UCD Alumni Fund. UCD today spoke to Aine Gibbons, Vice-President for Development about the campaign's objectives and outcomes.

Aine Gibbons told us: "It was with some trepidation that we issued the 'call to action' to our student body to recruit a team of forty callers. I was overwhelmed with the response, we had 200 applications and undertook a rigorous selection process to find the best callers. Our team of interviewers was very impressed by the enthusiasm and energy shown by the students and this was carried forward to the calling campaign itself."

The success of the first campaign confirmed the view that UCD graduates are proud of their institution and are committed to the university and our students. Donations to the Alumni Fund will provide support for and enhance the quality of the student experience at UCD. Funds will be allocated to scholarships, clubs and societies, additional resources for the Library and projects of urgent student need. An Alumni Fund Board, which will comprise the Vice-President for Students, the Students' Union President among others, is being formed to oversee distribution of the monies on an ongoing basis. A call for proposals for projects for funding will issue early in the New Year.

5,000 alumni were randomly selected to take part in this campaign. Initially, they received notification of the telephone campaign with an option to opt out - only 4% elected not to receive a call. This type of campaign shouldn't be confused with cold calling or telesales. The objectives of the call are two-fold, to elicit feedback on the quality of existing alumni communications, reunions, events etc and, of course, to ask for a gift. Graduates are asked either to donate a single gift or, ideally, to commit to a regular payment - which facilitates budget planning and allocation of funds.

"It is heartening to see this generation of students looking to the future and engaging fully with the campaign goals. It is probably the only time in their lives they will have the chance to balance the best academic, social, cultural and sporting experiences available. As Martin Butler, Vice-President for Students, told first year

entrants this year: 'Your journey of discovery starts here.' An awesome thought."

Aine continued: "It was clear from the first night of calling, when the feedback was excellent, that the pledge rate would be very high. This continued throughout the campaign. Alumni were supportive of the need for an unrestricted fund of money that would benefit students quickly and in a meaningful way and were thoughtful and generous in their support. UCD Alumni have traditionally helped to shape modern Ireland, many other alumni make their contribution to society in a quieter way and this is an ideal opportunity for our thousands of alumni to feel part of an ongoing programme of support for the next generation.

"The students were courteous and professional at all times, even when people were frustrated with the timing or inconvenience of the call, as will happen with any telephone campaign. Regardless of the outcome of the call, each graduate received a handwritten note from the student who called them, acknowledging that the time and feedback given was appreciated.

"This first campaign has raised pledges of €269,000. This is the highest first campaign achievement, compared to Ivy League universities in the UK. Ireland is still tentatively assessing this method of fundraising and, given our renowned culture of giving, it should prove a successful and sustainable method of fundraising for the future."

Universities in the UK and USA already have an established culture of asking their alumni to make a gift each year to their alma mater. The universities aim to establish a lifelong relationship with their alumni and foster the culture of 'giving back' to the place where they had the best time of their lives, gained an excellent education and want to ensure that this experience is available to future generations of students. Ongoing support guarantees a continuous cycle of success for the university, enhancing the student experience and adding value to quality of the UCD degree, thereby improving employment opportunities for alumni.



history

Celebrating Louvain 400

Dr Edel Breathnach of the UCD Mícheál Ó Cléirigh Institute talks to Louise Holden about the celebration of the 400th Anniversary of the founding of St. Anthony's College Louvain.

400 years ago, co-inciding with the flight of the earls and a period of great upheaval in Ireland, the Irish Franciscans founded St Anthony's College, Louvain (now Leuven in Belgium). St Anthony's was, for centuries, a haven for Irish clerical students as well as a great centre of learning. Today, the manuscripts and historical records of the Irish Franciscan colleges in Louvain and in Rome form a significant archive for any study of medieval and early modern Irish historical scholarship. The Irish Franciscans working in Louvain produced the first full modern history of Ireland which has had a profound influence on the writing of Irish history since the 17th century. The Franciscan Order has begun to transfer this critical archive to UCD, where it is now in the care of the Mícheál Ó Cléirigh Institute for the Study of Irish History and Civilisation and the School of History and Archives.

The arrival of the Franciscan manuscripts to UCD is the latest chapter in their long and fascinating journey. In 1607, when the Irish Franciscans established an academic community in Louvain, they gathered a group of highly active friars who worked intensely on collecting books and manuscripts and on writing history, the lives of the Irish saints and engaging in contemporary European theological controversies. St Anthony's College was founded against a background of considerable difficulties for the Franciscans in early 17th century Ireland. Their friaries had fallen victim to major military attacks while their manuscripts and sacred objects had been either stolen or dispersed for safe-keeping.

Not long after the Franciscans arrived in Louvain, Florence Conry, the founder of St Anthony's College, conducted O'Neill and O'Donnell, Earls of Tyrone and Tyrconnell to Louvain before they travelled to Rome and into exile. These two events, 400 years ago, had a profound effect on Ireland. They still inform the profile of the Irish in Europe and our own sense of nationhood.

The Franciscans in Louvain set about a painstaking project that involved them returning to Ireland to collect any documented material to be found on the subject of the lives of Irish kings and saints. A key component of the work was carried out by the lay-brother and historian Mícheál Ó Cléirigh, with the assistance of his collaborators Fearfeasa Ó Maoil Chonaire, Cúchoigcríche Ó Cléirigh and Muiris Ó Maoil Chonaire - a team described by one of fellow friars and historians, John Colgan, as 'the Four Masters'.

This intense work of Ó Cléirigh and other friars brought new dimensions to Irish learning and in many ways rescued for posterity countless

documented stories that make up Ireland's early history. Without the Four Masters, our understanding of Ireland's past would be greatly impoverished. The work goes on. Four hundred years later, custodians of Irish culture and history are continuing the mission of Ó Cléirigh and his collaborators, right here in UCD.

Ó Cléirigh's collection of manuscripts formed the core of the Louvain library at St Anthony's College. The 'A Manuscripts', as they are known, are now deposited in the archives of UCD. In 2000, the Irish Franciscans and UCD established a partnership involving the transfer of the historic archive to UCD. It also involved the establishment of the UCD Mícheál Ó Cléirigh Institute (Fondúireacht Mhíchíl Uí Chléirigh). The Institute is a centre of research which covers all aspects of Irish history and civilisation and encourages scholars to pursue research in the field of Irish studies.

Throughout 2007, the work of St Anthony's College in Louvain has been celebrated in Ireland and on the Continent, in an effort to build on their extraordinary efforts and to reinvigorate the Irish cultural legacy for a new generation of people.

Dr Edel Bhreathnach of the UCD Mícheál Ó Cléirigh Institute, explains its objectives: "Our core activity is the care of the great Franciscan archive. That involves conservation, cataloguing, digitisation and fundraising so that we will ultimately have somewhere to house this very important national archive. The wider goal of the Institute is to foster academic research into all aspects of pre-18th century Irish history and literature."

The Louvain 400 celebrations, which have been going on all year, have raised the profile of the Franciscan manuscripts and Dr Bhreathnach hopes that benefactors who recognise the importance of the archive to Irish history will contribute to the development of their permanent home. Louvain 400 has attracted considerable interest across academic and cultural circles and in the wider community.

"When we decided to celebrate the 400th anniversary of the establishment of the Franciscan College in Louvain, a whole range of institutions wanted to get involved," says Dr Bhreathnach. "A variety of exhibitions with specific local tie-ins extended the Louvain 400 celebration. The Hunt Museum in Limerick used the anniversary as an anchor for its silverware exhibition and the National Museum of Ireland hosted 'Franciscan Faith - Sacred Art in Ireland 1600-1750' which is the direct result of an IRCHSS-funded project under the aegis of the Mícheál Ó Cléirigh Institute on the material culture of the mendicant orders in Ireland pre-dating 1829 (Catholic Emancipation)."

'Writing Irish History - The Four Masters and Their World' is the central exhibition of the Louvain 400 celebrations. The exhibition, which is running until the end of December and is a collaborative effort involving the Royal Irish Academy, Trinity College Dublin and UCD, brings together all surviving original volumes of the Annals of the Four Masters for the first time since they were written in the 1630s. Louvain 400 celebrations were also held in the Royal Hospital in Kilmainham and in the National Library of Ireland.

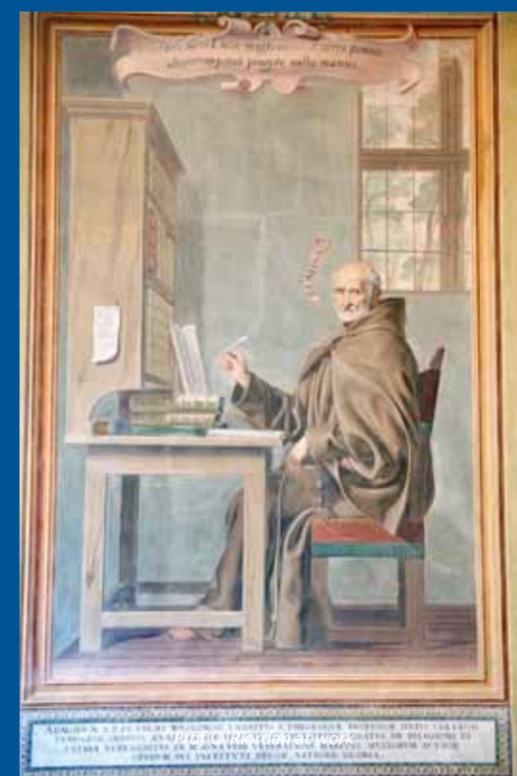
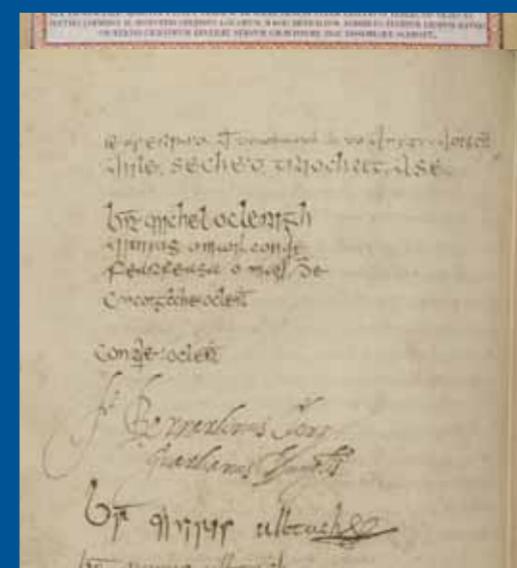
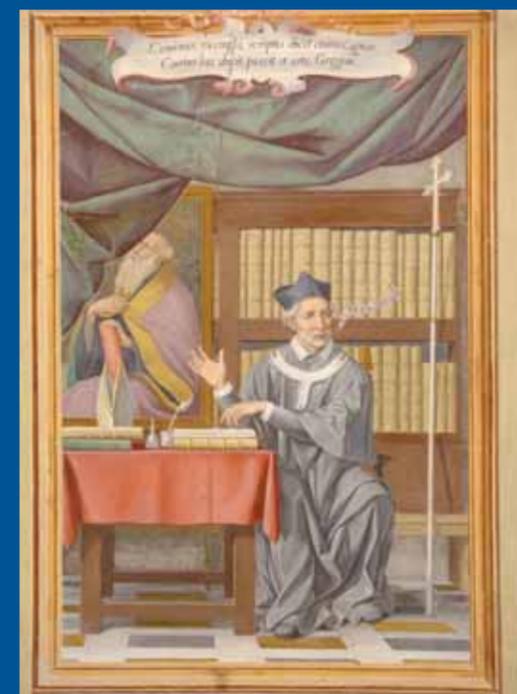
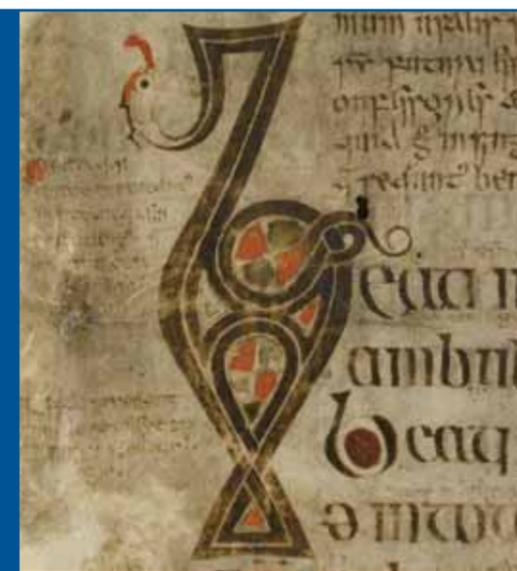
UCD, in collaboration with the Louvain Institute for Ireland in Europe, organised an extensive summer school programme in Leuven in May which examined a range of fascinating subjects inspired by the work of the Louvain Franciscans - the Flight of the Earls, the writing of history, the Irish in Europe, Ireland in the 17th century, the role of manuscripts and material culture and the exile experience. The summer school was free and open to all, and attracted a diverse audience from different academic, cultural, historical and religious backgrounds.

So far, the A (medieval and early modern Irish manuscripts), B (papers relating mainly to St Isidore's College Rome) and D (papers relating to Luke Wadding, founder of St Isidore's Rome) manuscripts have been transferred to UCD as well as 1,500 books pre-dating the year 1700. Conservation projects, funded by the Heritage Council, are currently being undertaken on the A and D manuscripts and all the A manuscripts have been digitised by the Irish Script on Screen national digitisation programme. Other projects being directed by the UCD Mícheál Ó Cléirigh Institute are the publication of a volume on the history of the Irish Franciscans from 1540 to the present day, a cataloguing project of post-1700 books and a large-scale project on the intellectual heritage of friaries in Ireland and on the Continent, with particular reference to St Anthony's.

The Irish Franciscans did an immeasurable service to this country when they chose to protect the story of the Irish and to project that story to the widest possible audience. The work they did has been enhanced by succeeding generations. The arrival of these archives to UCD marks an exciting new phase in the story of the Franciscan manuscripts - the Louvain 400 celebrations have announced this important development to the nation. Hopefully Louvain 400 and the Mícheál Ó Cléirigh Institute will produce a new generation of custodians for this irreplaceable work.

All images are courtesy of the UCD-OFM Partnership.

Louise Holden is a journalist with the Irish Times and is currently enrolled on the MEd programme at UCD.



The Meaning of Irishness

"Ireland's buoyant economy and political settlement in the North means that Ireland's traditional dependency on the US is now over and the time has come for a dialogue between the two nations" remarked Niall O'Dowd, publisher of Irish Voice/Irish America and long time activist on behalf of Irish interests, at the inaugural US-Ireland Forum held in New York in November.

With over 1,000 attending the forum, there can be no doubt that there is substantial engagement by Irish Americans but, as Dr Hugh Brady indicated, there is a clear need for Ireland to study and learn from the success of Irish America. "Ireland does not understand Irish America, even if it thinks it does," the president told the forum. "We have to ask ourselves, in the future, will the global Irish family be seen an agent for change or as an historical curiosity."

Echoing the president's views, former president of the Coca-Cola Corporation and former chairman of Columbia Pictures, Donald Keough, signalled the need for Ireland to stay connected with the 30 million Irish Americans. He warned that the world's focus on a successful, peaceful Ireland is now beginning to decline. "The global white light of attention is finding new stages in eastern Europe, Brazil, China and India," he said. According to Keough, with each passing generation, Irish-Americans, in particular, view Ireland as more mentally distant. The important question for Ireland is whether its 70 million-strong diaspora worldwide is still an important asset for the country's future.

Recognising the value of the role played by the Irish diaspora, UCD has announced the establishment of the John Hume Institute for Global Irish Studies on the Belfield campus. The new institute will move from the traditional approach of studying Irish history and culture to prompting the international Irish community to address the great social issues of our time, such as peace, reconciliation and global development.

The expected cost of the Institute is in the region of 20 million and the university has already received a significant gift towards the cost from Donegal property developer, Pat Doherty.

Named in honour of John Hume, one of the founders of the SDLP and holder of the Nobel

peace prize for his role in the Northern Ireland settlement, the Institute will unite scholars from politics, international relationships, drama, literature, history, archaeology and other significant areas of Irish studies.

According to Dr Brady, the new institute will have a "creative focus on solutions". He said that the Irish American community is very proud of what had been achieved in Ireland in terms of both the peace process and our economic transformation. And now, he explained, that community wants to ensure its future relevance.

The creation of the John Hume Institute for Global Irish Studies will yield very significant and highly visible benefits for Ireland, which will grow in understanding of itself and its distinct role in the wider world through deeper understanding of its diaspora. It will equally benefit the global Irish community through the greater recognition of its unique historic contribution which the Institute will bring more fully into the light.

The John Hume Institute for Global Irish Studies has been prioritised by the university and is an initiative which will pre-eminently advance UCD's mission of service to the Irish community in the wider world.

It will follow a number of core teaching and research themes spanning the new paradigm between Irish America and Ireland; reconciling nationalism and unionism; migration, integration and global citizenship; Ireland and the developing world; Irish history; literature and culture; archaeology and folklore; and language and music.

It will provide a dynamic programme of public outreach activities and build on Irish diaspora scholarship to achieve a new level of public dialogue within the global Irish community on the meaning of Irishness and on major global issues of mutual interest and concern.

The programme of the Institute will be underpinned by an Irish Diaspora Archive comprised of unique archives and archaeological resources across Ireland which will be networked to equivalent resources of partner institutions in Europe, North America and Australasia.



Dr Pat Frain, Director, NovaUCD with Dr Keith Real, Chief Scientific Officer, Alltracel Pharmaceuticals.

Alltracel Pharmaceuticals locates new division at NovaUCD

Alltracel Healthcare Services (AHS), a newly created division of Alltracel Pharmaceuticals has located at NovaUCD. Alltracel Pharmaceuticals plc is a Healthcare Innovation Group focused on taking proprietary technology from research through to commercialisation in the global healthcare market. The company was founded in 1996 and is listed on the London Stock Exchanges's Alternative Investment Market (AIM).

AHS has been established to provide scientific research, clinical trial and development services for all of Alltracel's business units, subsidiaries and relevant partnerships. AHS also offers its services to outside companies in the pharmaceutical, medical and healthcare

technologies sectors who are seeking an external step-up in speed of innovation, technology development and commercialisation.

AHS is led by ex-ICON senior manager, Conor Walshe and will be directed by Alltracel's Chief Scientific Officer, Dr Keith Real with guidance by Alltracel's Scientific Advisory Board.

Welcoming AHS, Dr Pat Frain (Director, NovaUCD) said, "We are delighted that Alltracel Pharmaceuticals which already has strong research links with UCD, in particular with UCD's Conway Institute, and with a proven record in innovation, has decided to base its new division at NovaUCD."

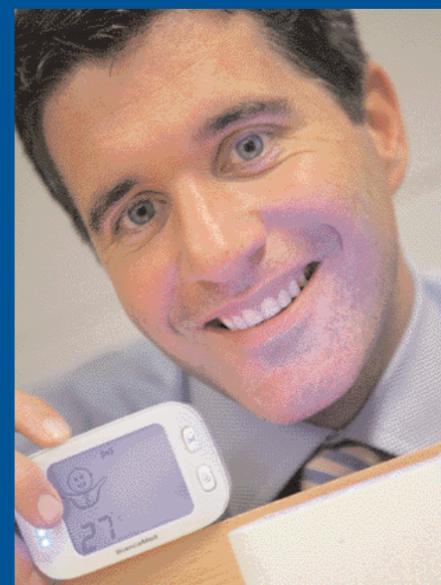
UCD spin-out BiancaMed receives £250,000 Grant from Invest NI

BiancaMed, a UCD health technology spin-out company has received a £250,000 (€360,000) grant from Invest NI, the Northern Ireland business development authority. The money will be used by BiancaMed towards the establishment of a research and development centre at the Institute of Electronics, Communications and Information Technology (ECIT) in Queen's University, Belfast.

BiancaMed's core product is a unique wireless sensor that can detect breathing and heart rate up to a distance of two metres. The first application for the technology is a baby monitor, but the technology will be developed further for use in other applications with life-saving potential, such as home health and exercise monitors.

BiancaMed was founded in 2003 by Professor Conor Heneghan, Dr Philip de Chazal and Dr Conor Hanley as a spin-out from UCD's School of Electrical, Electronic and Mechanical

Engineering. BiancaMed, which secured €2.5m in venture capital support at the end of last year from Draper Fisher Jurvetson ePlanet Ventures and ResMed is headquartered at NovaUCD.



Dr Conor Hanley, co-founder and CEO, BiancaMed0

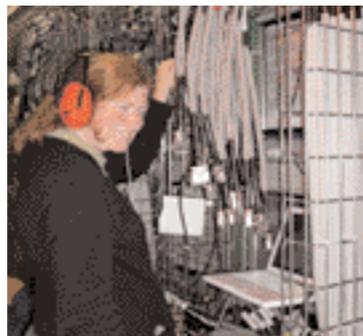
Matter and Antimatter

In the summer of 2008 the Large Hadron Collider (LHC), the world's most powerful 'atom-smasher' located at CERN, the European Centre for Particle Physics, will begin to collide protons together, recreating energy conditions last seen one billionth of a second after the Big Bang. Ten UCD scientists from the School of Physics and the School of Computer Science and Informatics are members of one of the experiments at CERN, named LHCb.

Scientists think that equal amounts of matter and antimatter were created at the start of the universe, yet today only matter remains. The aim of the LHCb experiment is to find out what happened to all the antimatter. LHCb contains a sophisticated silicon detector, called VELO, which can detect particles with a precision of 1/2000th of a centimetre. The workshops in the School of Physics have built precision components for VELO while students from UCD have assisted with its construction and testing. Last year they operated the detector in a special test-beam, while this summer they

spent time at CERN commissioning the detector. The culmination of several years of effort occurred at the end of October when the VELO completed the last leg of its journey and was lowered 100 metres underground into the very centre of the LHC.

More information is available at www.ucd.ie/physics/lhcb



The picture shows Sara Traynor, an IRCSET student at UCD, testing some of the 5,500 cables which are connected to the VELO.

virology

Hunting Down the Links

Few scientists become celebrities outside their narrow field of specialty. But mention the name of Bob Gallo, the US virologist who co-discovered HIV, and ears prick up all around. Claire O'Connell spoke to Prof Gallo about his appointment as Visiting Professor at UCD.

Thanks to the impact of his work, and the controversy that has sometimes surrounded it, Prof Gallo has become a giant in the global fight against AIDS. And from now on you may occasionally spot his towering figure around campus - he was recently appointed visiting professor to UCD's School of Medicine and Medical Science. His new post formalises a long and friendly relationship with the College through fellow virologist Prof William Hall (Director of the Centre for Research in Infectious Diseases - CRID).

But despite his track record, Prof Gallo surprisingly insists he had no innate curiosity about the natural world as he grew up in an Italian-American family in Connecticut. "I was very typical, and I wasn't very serious. I liked basketball", he says, holding up the crooked little finger he still sports from a playing injury.

However, family tragedy meant he came into contact to the medical community more than most when his sister developed leukaemia and was treated at Harvard medical school's hospital. "I saw research doctors at an impressionable age of 12 or 13 and you hold that somewhere", he says.

One doctor in particular, Irish pathologist Marcus Cox, was to become a mentor for the teenage Gallo. "He was the first cynical rationalist I ever met. My family was not like that. He was impolite to people and there was the disbelief angle of science: prove it to me." When Gallo injured his back playing basketball, he took time to focus on a future career and Marcus Cox convinced him to go to medical school. Following his training at the University of Chicago, Gallo next took up a research post at the National Cancer Institute. The usual track for medical doctors was to return to clinical care, but he saw that research was becoming more complex and opted to stay in the lab.

He developed a passion for hunting down links between viruses and cancer. This was an unpopular theory in the 1970s, and he felt the brunt of mainstream disapproval. "It was a rollercoaster ride. There was a lot of pressure, there were a lot of criticisms. It was a lonely business, and I always kept some other work going just to show I was able." But thanks to a supportive NCI director, Prof Gallo ploughed on and eventually discovered HTLV-1, the first human retrovirus, which was associated with an aggressive form of leukaemia. His approach was further vindicated when other cancer-associated viruses came to light in later years, including herpes, papilloma and hepatitis.

However by the early 1980s, a mysterious disease called AIDS was pulling Prof Gallo's

attention. "In 1981 it was identified but nothing was known really, it was thought to be trivial", he recalls. "Half a dozen people here and there, nothing that would stir your imagination. But by early 1982 it was clear." When a French team led by Luc Montagnier found a potentially new virus in a patient, they sought Prof Gallo's help in figuring out what it was. The US team crucially developed a way to grow the virus in cells in the lab, allowing the virus to be analysed, and so HIV was identified and linked with AIDS. There followed years of controversy over who had officially discovered HIV, but in 1987 Gallo and Montagnier were declared co-discoverers.

Following the initial discovery, Prof Gallo's team went on to develop the blood test to screen for HIV, and his lab hosted researchers who discovered drug therapies to keep the virus down. His team also discovered that chemokines produced by the body can inhibit HIV. This opened up new avenues of research into how the virus attacks cells and raised possibilities for a vaccine against the virus. His work on the HTLV and HIV retroviruses earned him a string of prestigious scientific awards, including an unprecedented two Lasker awards in the 1980s for basic research.

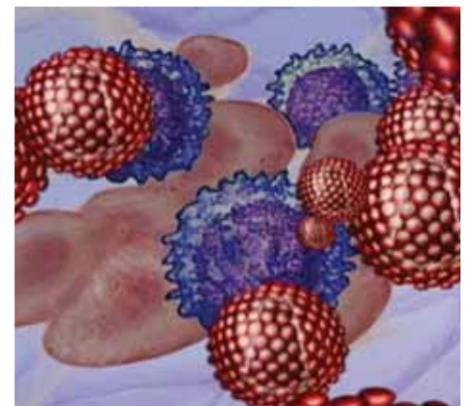
The vaccine is now where Prof Gallo trains his research efforts at the Institute of Human Virology (IHV), which he co-founded and directs at the University of Maryland's School of Medicine.

He was recently awarded a \$15 million grant from the Bill and Melinda Gates Foundation to continue research into a vaccine that recognises the shape of the virus as it tries to infect and weaken cells of the immune system. "The preventative vaccine is the only way to answer this", he says. "And ultimately I think we are solving the problem with the vaccine candidate we have at IHV. However, we also still need to develop new drug therapies to support people who are already infected." And the issue remains of getting medication to the people who need it, particularly in developing nations.

Prof Gallo sings the praises of the US Government's PEPFAR programme, which funds clinical work with local communities in HIV-ravaged countries, and by next year his own Institute will treat around 130,000 people around the world. He also notes the importance of keeping HIV/AIDS in the public eye. "Every month around 258,000 people die of AIDS, but does it get the attention?" he asks. "If Eastern Europe explodes and it starts to come into Western Europe, then it will get the headlines." Before he leaves for a function, Prof Gallo muses on the presentations he had just heard from researchers at CRID. "It was a good

experience", he says. "I would say the work was quite outstanding, they are doing really good work and the young people are quite mature." He now plans to come to UCD twice a year, and the connection will promote collaborations with the IHV in Maryland, where Prof Bill Hall sits on the advisory board. "Bill is a great and much respected scientist and our interests overlap and complement each other", he says. "We speak the same language so it's easy to collaborate, there are no barriers. And the people here are so welcoming - nobody would not want to come over. And vice versa, we would welcome people to come over and work in our lab."

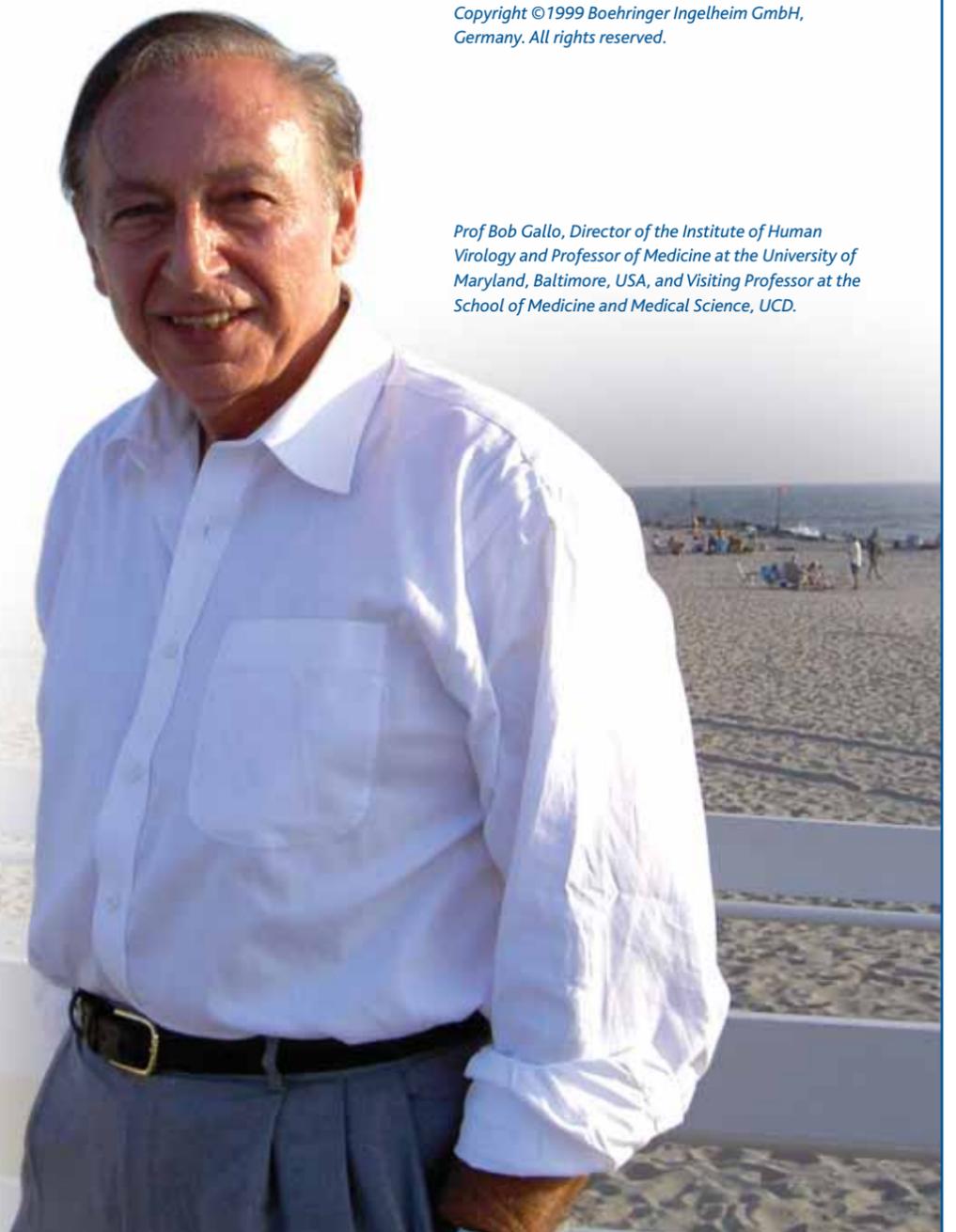
Claire O'Connell (BSc 1992, PhD 1998) is a freelance journalist.



During HIV infection, millions of viral particles are present in the blood stream. They continuously infect cells of the immune system. As the immune system becomes progressively more damaged, HIV disease becomes more advanced and eventually the Acquired Immunodeficiency Syndrome (AIDS) develops.

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Prof Bob Gallo, Director of the Institute of Human Virology and Professor of Medicine at the University of Maryland, Baltimore, USA, and Visiting Professor at the School of Medicine and Medical Science, UCD.



Contemporary Ireland: A Sociological Map

Edited by Sara O'Sullivan

'Contemporary Ireland: A Sociological Map' provides an in-depth description and analysis of the transformations that have taken place in Ireland over the past ten years during the heyday of the Celtic Tiger.

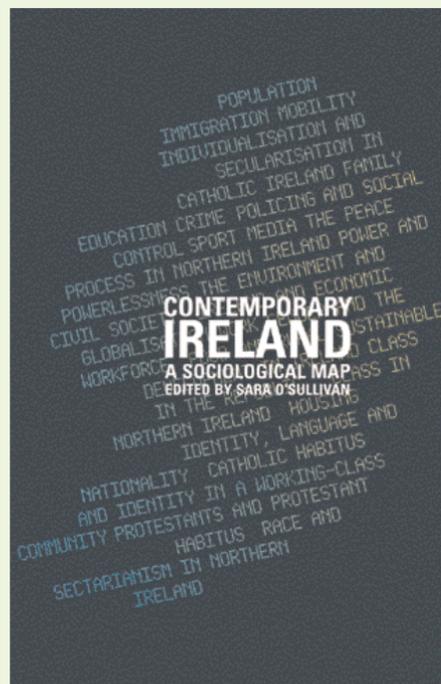
The book will be an important introductory textbook for undergraduate students in sociology, Irish studies and the human sciences. But it will also be a useful resource to students in more advanced courses as well as the general reader interested in Irish society and culture.

Contemporary Ireland is written by leading sociologists from UCD and other Irish, and British, universities who are experts in their field. The authors take a critical stance about

the changes that have taken place in Irish society. Each chapter introduces the reader to the sociological theories and concepts that are relevant to the topic. The reader is then shown how these apply to Ireland and the changes that have taken place in the last decade. The chapters conclude with some suggestions about the future directions of that field in the immediate future.

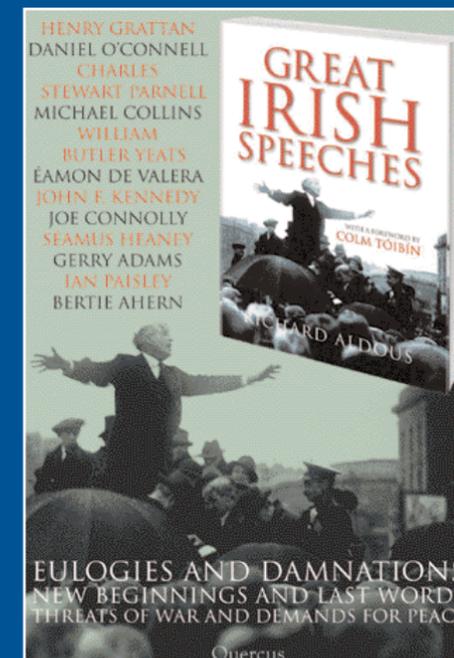
The book is arranged in six sections: Contours of a changing Ireland; Institutions; Governance; Economy, development and the Celtic Tiger; Class, equality and inequality; Identity, diversity and culture.

Sara O'Sullivan lectures in sociology at UCD.



Great Irish Speeches

Richard Aldous



Full of passion, poetry, drama and conviction, Richard Aldous' (Head of UCD School of History and Archives) stirring anthology is a celebration of fifty speeches that have shaped Irish history. From Henry Grattan's 18th-century cry of freedom to Bertie Ahern's declaration that 'Ireland's hour has come', *Great Irish Speeches* includes eulogies and damnations, new beginnings and last words, threats of war and demands for peace.

The selection is comprehensive and diverse. Alongside such a patriotic tour de force as de Valera's commanding rebuff of Winston Churchill is a bishop's outraged condemnation that 'hell is not hot enough' for Fenian rebels. Parnell's powerful declaration of national self-determination is counterpointed by a hurling captain's impassioned lament for the Irish diaspora. And Gerry Adams' call for democratic means to replace armed struggle stands next to Ian Paisley's celebration of peace at the reopening of the Stormont assembly. This is a collection with many voices - playwrights and patriots, martyrs and men of God, rebels and Nobel Prize laureates.

Each speech is accompanied by a biography of the speaker and the story of why it was significant. Inspiring and thought-provoking, *Great Irish Speeches* offers a unique, first-hand perspective on these turning points in Ireland's history.

Publication this autumn of the UK paperback (Pimlico) and American (WW Norton) editions of 'The Lion and the Unicorn: Gladstone vs. Disraeli', also by Richard Aldous, has drawn further praise from the critics. The *New York Times* said, "Mutual loathing made their bruising encounters a riveting spectacle, richly enjoyed by the British public and recaptured, with great zest." The *Sunday Times* commented that "With its occasionally sardonic wit and irony, Aldous' retelling of two careers that were inextricably intertwined is more Disraelian than Gladstonian, but it does full justice to the drama inherent in a battle for political supremacy that was central to British history for decades."

Changing Ireland in International Comparison

In September, the UCD Social Science Research Centre hosted a public lecture by Professor Michael Hout (Professor of Sociology at the University of California Berkley) on the topic 'Politics and Religion in the USA and Europe'.

Professor Hout was in Ireland for the launch of the book 'Changing Ireland in International Comparison', to which he contributed a chapter. Edited by Betty Hilliard and Máire Nic Ghiolla Phádraig from the UCD School of Sociology and Social Science Research Centre, it maps Irish social and attitudinal changes over the course of the Celtic Tiger years in an international comparative perspective. Using data from the

Pictured at the launch are (l-r): Dr Ann Lavan (Director SSRC, UCD), Máire Nic Ghiolla Phádraig, Prof Michael Hout, Doireann Ní Bhriain and Betty Hilliard.

International Social Survey Programme (ISSP) - an international co-operative project of cross-national survey research conducted on an annual basis across 41 countries, chapters cover educational stratification, attitudes to social inequality, commitment to work, marriage and family, women's employment, environment, Catholicism, national identity and attitudes to new immigrant populations. Over the past two decades, Irish society has witnessed a radical transformation. The economically vibrant Ireland of today is virtually unrecognisable from the Ireland of the bleak 1980s. However, these changes were not always matched by improved quality of life and, in many instances, were accompanied by persistent inequalities of wealth, education and gender.

The book was launched by the distinguished broadcaster Doireann Ní Bhriain and is dedicated to Conor Ward (Emeritus Professor of Social Science at UCD) and Andrew M Greeley (Professor of Sociology at the University of Arizona) who sponsored the ISSP in Ireland over three decades. Since 2002, Ireland's participation in the ISSP has been funded by the Irish Research Council for the Humanities and Social Sciences (IRCHSS). Publication by Liffey Press was sponsored by Irish Life Corporate Business.

Publication of the book will help to draw attention of the Irish Social Science community to the potential of the ISSP data which are available free to scholars from the Irish Social Science Data Archive (ISSDA) at UCD.



The American Civilizing Process

Professor Stephen Menell

By drawing comparisons between the USA and other countries throughout the world, in his latest book 'The American Civilizing Process', Professor Stephen Menell (UCD School of Sociology) discusses American manners and lifestyles, violence in American society, the impact of markets on American social character, American global expansion, the 'curse of the American Dream' and increasing inequality, and the religiosity of American life.

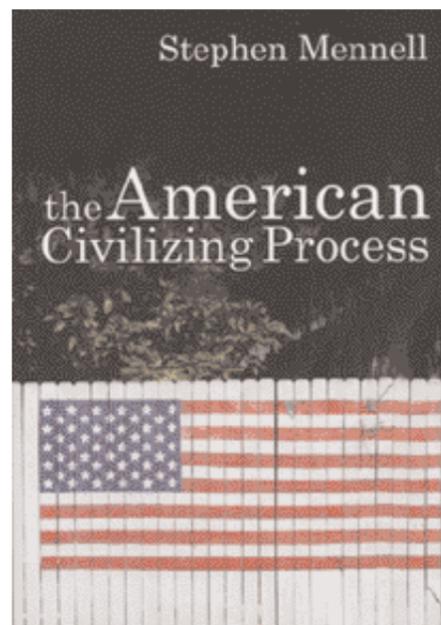
Viewed from Europe, Professor Menell shows America as a land of familiar paradoxes. "An agreeable civility habitually prevails in most everyday relations among people in America - yet the US is almost the last bastion among advanced democratic nations of capital punishment," he says.

"In most parts of America, the laws and social customs strongly restrain people from doing

harm to themselves and others by smoking - yet the laws and social customs only weakly restrain people from doing harm to themselves and others by the use of guns, and the murder rate is about four times as high per capita as in Western Europe," he explains.

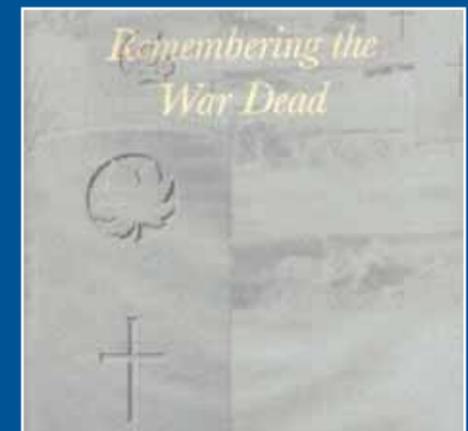
In 'The American Civilizing Process' Professor Menell asks can history and social science help to explain these seeming paradoxes and to show how they relate to each other. He also examines how Americans see themselves, how they view the rest of the world, and how the rest of the world sees them - in the light of America as an ever-expanding global power.

Those concerned about America's role in the world today would be well served by reading this compelling and provocative work, which uses Norbert Elias's theory of civilizing processes to trace how America reached its present position in the world.



Remembering the War Dead

by Fergus D'Arcy



From the 1920s the Office of Public Works has been responsible for the graves of those who died in the two World Wars and are buried and commemorated in the Republic of Ireland. There are at least 3,100 such war graves in the Republic of Ireland and some 2,600 in Northern Ireland.

The history of the 3,000 plus war dead buried in the Republic of Ireland, how they came to be there, and how the Irish Government came to be responsible for the graves is outlined in a new book, *Remembering the War Dead*, by Fergus D'Arcy, former Dean of Arts at University College Dublin, published by the Office of Public Works.

"Many people are familiar with the OPW as the manager of the State's property portfolio, its wide range of construction and engineering projects, and its management of the State's heritage, along with the myriad of other functions that affect many aspects of the lives of the citizens and people of this country," said Noel Ahern TD, Minister of State at the Department of Finance, with special responsibility for the Office of Public Works, who officially launched the book.

"However, there are some functions that are little known to the general public and one of these is the Office's responsibilities in the maintenance of the 'Commonwealth War Grave sites' of those who died as a result of the two great wars of the last century," he explained.

"This book is unique in that it reflects the international nature of these graves that mark the resting places of people from over twenty different nations. The majority of these are Irish and Britons but it is important to also remember the other Europeans, North Americans, Australians, New Zealanders and Asians whose war graves also lie here," continued the Minister.

Professor Fergus D'Arcy has lectured in modern history since 1970 and has published in the area of British and Irish political and social studies. His research interests lie in the areas of social history and popular culture.

Computational Fluid Dynamics in Food Processing

Computer Vision Technology for Food Quality Evaluation

Edited by Professor Da-Wen Sun

Two new books by Professor Da-Wen Sun (UCD School of Agricultural, Food Science and Veterinary Medicine) entitled 'Computational Fluid Dynamics in Food Processing' and 'Computer Vision Technology for Food Quality Evaluation' have recently been published by CRC Press / Taylor & Francis and Academic Press / Elsevier, respectively. Both computer vision and computational fluid dynamics (CFD) are novel techniques for the food industry, and these two new titles are the first in these rapidly expanding areas.

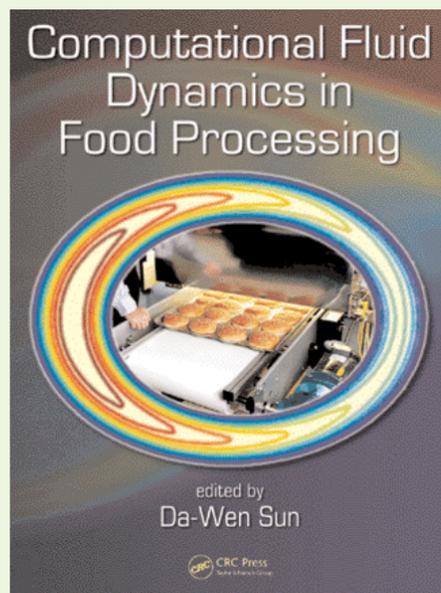
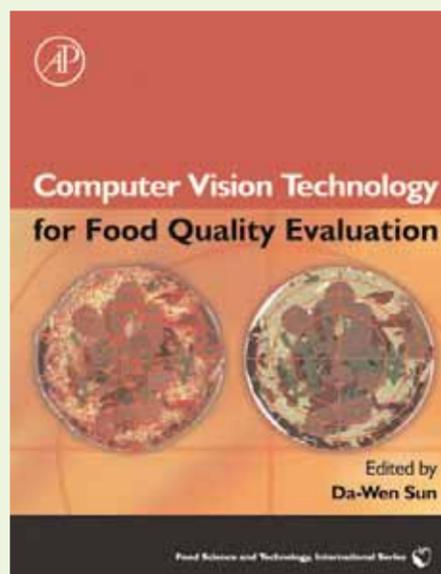
"These two unique works provide engineers and technologists working in research, development, and operations in the food industry with critical, comprehensive and readily accessible information on the art and science of the techniques, and their publication is much demanded and has met the market needs", said Professor Sun, the editor of the books.

CFD is a state-of-the-art simulation tool for solving fluid flow problems. It allows engineers to computer-test concepts all the way through the development of a process or system. Contributed by 55 international peers with both academic and professional credentials, and

consisting of 28 chapters, 'Computational Fluid Dynamics in Food Processing' presents an overview of this powerful design and analysis tool and offers an in-depth discussion of recent advances and applications in the food industry.

Computer vision is a novel technology for recognising objects and extracting quantitative information from digital images in order to provide objective, rapid, non-contact and non-destructive quality evaluation. Especially in recent years, significant scientific and technological advances have been made in quality inspection, classification and evaluation of a wide range of food and agricultural products. 'Computer Vision Technology for Food Quality Evaluation' therefore focuses on these recent advances.

Professor Sun is an internationally recognized figure for his leadership in food engineering research and education. He is among the first to introduce CFD and computer vision technology for food applications to UCD and Ireland in 1997, and has made significant leading contributions in these areas over the years, which has earned UCD an international reputation in research in the fields.



Hidden Streams - A New History of Dun Laoghaire-Rathdown

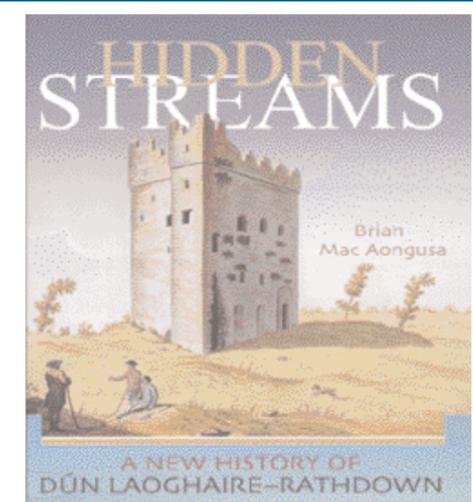
In *Hidden Streams*, local historian Brian Mac Aongusa takes the reader on a voyage of discovery of the past in the area of South County Dublin that is now known as Dun Laoghaire-Rathdown.

Following his retirement, Brian undertook a modular BA degree at UCD, focusing on History and Historical Geography. His thesis subject 'Water Courses and Settlements in the Dublin

Half Barony of Rathdown' excited his interest in the influence of rivers and streams in the area. By tracing their significance in the lives of the first prehistoric visitors and inhabitants, the early Christians, the Vikings and the Anglo-Normans, the book throws a new light on many of the monuments and landscape features that are still visible today. A study of early maps from 1685 reveals a fascinating world of water-powered industries, side by side with the

growth of the first suburbs of Kingstown, Blackrock, Killiney and Ballybrack, and Dalkey.

In the twentieth century the unrelenting growth of Dublin's southern suburbs has severely impacted on the landscape, causing many of its small rivers and streams to be smothered by developments that have driven them underground, out of sight or even out of memory.





Keynote speakers and discussants at the 'Innovations in Clinical Psychology Conference', (l-r) Professor Alan Carr, UCD; Professor Paul Stallard, Bath University; Professor Eric Emerson, Universities of Sydney and Lancaster; Professor Elisabeth Kuipers, Kings College London; Professor Patricia Noonan Walsh, UCD; Dr Muireann McNulty, UCD; Dr Gary O'Reilly, UCD and Mr Martin Rogan, HSE.

Clinical Psychology - UCD takes leadership role

An international conference on innovations in clinical psychology was held in UCD in October. The conference, and the book launch which followed it, marked the publication of three handbooks written by a team of clinical psychologists from UCD. The volumes are:

- 'The Handbook of Child and Adolescent Clinical Psychology' written by Professor Alan Carr
- 'The Handbook of Adult Clinical Psychology' edited by Professor Alan Carr and Dr Muireann McNulty
- 'The Handbook of Clinical Psychology and Intellectual Disability' edited by Professor Alan Carr, Dr Gary O'Reilly, Professor Patricia Noonan Walsh and Dr John McEvoy

Speaking at the launch Mary Harney TD, Minister for Health and Children said: "This set of handbooks is the first of its kind to be published in Ireland, the UK or North America, and it is good to see Ireland and UCD taking a leadership role in this field."

UCD President Hugh Brady, who introduced Minister Harney said "Over for the past 28 years UCD, in partnership with the health service, has trained over 150 clinical psychologists and these constitute a significant proportion of the 400 clinical psychologists currently employed by the HSE."

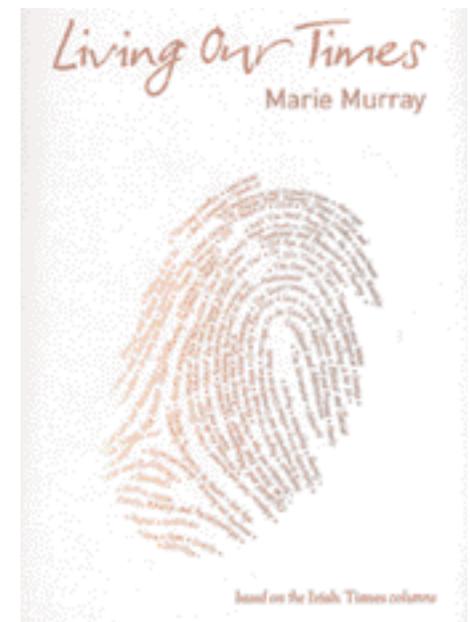
Martin Rogan, a senior HSE mental health service manager, in his address to the 'Innovations in Psychology Conference' highlighted the national shortage of clinical psychologists in Ireland and the fact that the government's policy document on mental health, 'The Vision for Change', recommends increasing the number of postgraduate training places in clinical psychology to fifty per annum. In the past, fewer than half this number have entered training annually at UCD, TCD, UL and NUIG. Currently the HSE is working with the clinical psychology doctoral training programmes at these four universities to expand the number of training places.

There have been many important innovations in clinical psychology internationally, especially in recent years. Many of the chapters in these books have been written by the UCD clinical psychology team, but the books also contain chapters written by international experts from centres of excellence in the UK, North America and Australia. They offer evidence-based guidelines on assessment and treatment, and point to key areas for future research. The topics covered in the handbooks include developmental disorders, autism, intellectual disability, ADHD, drug and alcohol abuse, anorexia, bulimia, anxiety, depression, bipolar disorder, schizophrenia, dementia, adjustment to chronic pain and cancer, child abuse and suicide. Clinical psychologists provide services to people with all of these difficulties.

Living our Times By Marie Murray

Marie Murray (Director of Student Counselling, UCD), a clinical psychologist with over thirty years of experience, has just published a book bringing together a selection of her writing in the Irish Times and elsewhere. Marie has produced a book that is as delightfully lucid as it is touchingly relevant. She writes of emotions and behaviours, ethical and social issues, family and relationships and many other themes, both whimsical and profound. Who can resist a book which ponders subjects as diverse as 'shoes, adolescence, aunts, gratitude, immigration, celebrity, television, handbags, divorce and education'?

Broadcaster Pat Kenny, speaking at the launch of 'Living our Times' and recalling Marie's contribution to his RTE 1 radio programme,



said: "Marie is like the font of all wisdom, she could make sense of the kaleidoscope of emotions, love, happiness, vanity, regret and sacrifice. She has the voice of a ward sister or a school matron, the no nonsense approach of a wise magistrate and the compassion of someone who has been at the coalface."

Irish Times Managing Editor, Peter Murtagh praised the quality of Marie's writing and said: "It conveys a rich understanding of human nature in all its guises."

Saoghal Ban-mharaiche Professor Seosamh Watson

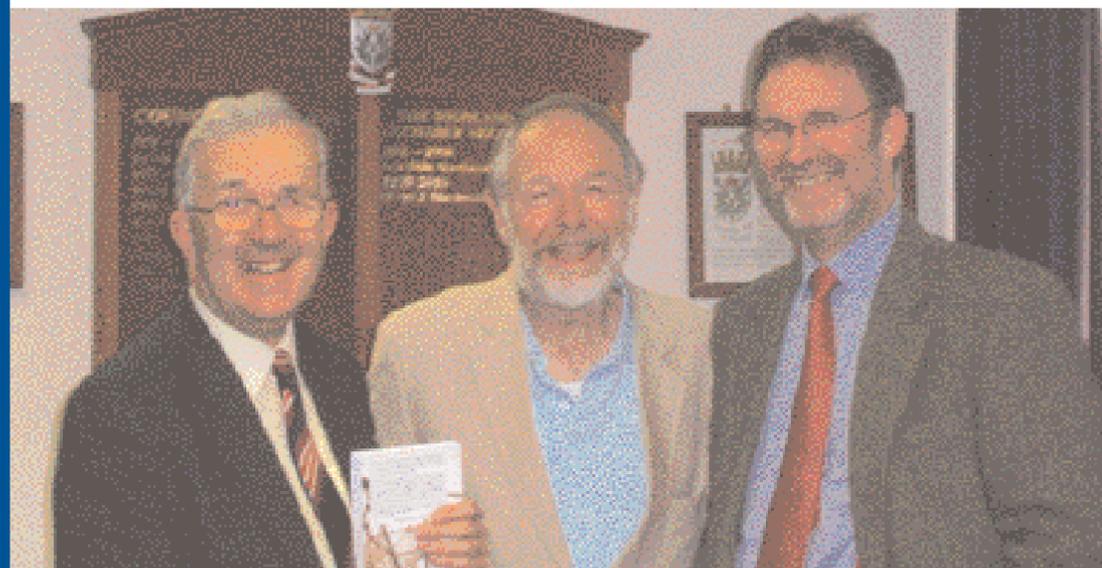
For the first time in the history of the prestigious cultural festival, Royal National Mòd, a work by an Irish author written entirely in Scottish Gaelic, was launched on a day devoted to literary events and awards. Saoghal Ban-mharaiche, by Professor Seosamh Watson (School of Irish, Celtic Studies, Irish Folklore and Linguistics), and published by Clann Tuirc, was launched in the Public Chambers of the Highland Council in Fortwilliam by Donald Meek, Professor of Gaelic at Edinburgh University.

Speaking of the oral material gathered over many decades from a traditional fishing community in the Eastern Highlands and now available in this volume, Prof Meek said that it was one of the most significant and interesting Gaelic books published for many years, preserving as it does an enormous amount of information of linguistic and cultural importance edited in a careful and scholarly fashion.

Leabhar Nua Gàidhlig ó Údar Ultach

Seoladh leabhar neamhghnách ag Mòd Nàiseanta na h-Alban [Oireachtas na Gàidhlig] sa Ghearasdan an tseachtain seo caite. Cnuasach d'ábhar béil is ea Saoghal Bana-mharaiche a bhfuair thar a mhórchuid ó chuid de chainteoirí deireanacha teanga sin na nGael ar chósta oirthear na hAlban. Seosamh Watson a bhailigh an t-ábhar idir 1967 agus 1980 sa chanúint sin atá anois, dála Ghaeilge Aontrama agus an Chláir, imithe uainn. Bhí Seosamh i bhfáthach le scéal na ndaoine seo a chaomhnú ina gcuid focal féin: tá cuntas ar roinnt dá bhfuair sé curtha i gcló ar An tUltach i bhfad ó shin agus foilsíodh tuilleadh de beagán blianta ó shin in Béaloideas. Ag seoladh an eagrán lán-Ghàidhlig seo den chnuasach iomlán ag an Mhòd, mhol an tOllamh Dòmhnall Meek ó Ollscoil Dhún Éideann an bailiúchán mar shaothar a bhí álainn agus soléite agus, san am céanna, obair a raibh tábhacht mhór scolártha ag baint leis.

Professor Donald Meek, Edinburgh University; Professor Seosamh Watson UCD and Dr Richard Cox, Clann Tuirc Publishers, at the launch of Saoghal Bana-mharaiche at the Royal National Mod, Lochaber, Scotland.



decisions

Applying psychology to economics

When formulating its policies in key areas such as health, education and pensions, does the Government take account of human psychology and how people actually behave? Many would argue they don't and their policies are the poorer for that. Dr Liam Delaney, a senior researcher at the UCD Geary Institute and lecturer in the School of Economics and the School of Public Health and Population Science spoke to Sean Duke.

How does economic progress affect people's well-being? How do people respond to incentives in areas such as health and education and how can an understanding of psychology contribute to economic decision-making in these areas? How, if at all, do government communication campaigns influence behaviour?

Dr Delaney is working with many other researchers across a number of fields, including natural sciences such as neuroscience, to try and better understand why people make the decisions they do with regard to key life areas. His work is currently blending economics and psychology, in particular, with a view to ultimately understanding how to better formulate policy across a range of areas such as pension policy, health inequalities reduction and higher education strategies.

Background

The application of psychology to economics - the overarching area of interest to Dr Delaney - has its modern roots, somewhat surprisingly, as far back as the 1970s. Interest in the field grew, and in 2002, a pioneer of the field, Dr Daniel Kahneman, Princeton University, received a Nobel Prize in economic sciences for having integrated insights from psychological research into economic science. This gave a boost to those researchers that had been using science to understand our decision-making in areas like finance, medicine, law and politics.

Today, there are new, emerging areas, such as neuro-economics, where the precise neurobiological reasons for why people make decisions that affect their own wellbeing are under investigation. The idea is to understand what exactly is happening in the brain when people make important decisions concerning their wellbeing into the future.

Research

Dr Delaney's research interests can be divided into two main areas. The first area is the study of decision-making in different life areas, where he is, for example, looking into the reasons why some people decide to take out a pension relatively early, while others do it much later, while others never take one out. The other research area relates economics to life outcomes such as mental and physical health.

The idea here is to understand how people's psychology affects the decisions they make with regard to their health, and how that knowledge can be ultimately used to formulate more effective public policy.

The aims are ambitious, but Dr Delaney is building links with anyone that can help him achieve his goals. He is one of a new breed of researchers that has emerged over the last decade or so. In the past, researchers in economics and neuroscience would have regarded each others research from afar, if at all, but that is changing - and changing fast. In the new order of things, multi-disciplinary research is breaking down old barriers, and not just within social science, but also between social and natural sciences, such as neuroscience and genetics, with collaboration happening in a manner that would have been inconceivable a few years ago.

Certainly a look at Dr Delaney's curriculum vitae shows that he is interested in many fields, and is in a good position to see the links between what others might have regarded as disparate areas of research. He has a background in economics (PhD) and psychology, while he is currently studying for a Master's degree in philosophy. He currently teaches both economics and public health subjects and is collaborating actively across many disciplines.

Dr Delaney wants to use this interaction to understand how people make decisions impacting on key aspects of their lives, such as health and education, and for this, he needs to understand more about how the brain works. This has led to cross-campus links with neuroscientists involved in work on suicide research and on other areas of brain development and brain function.

Dr Delaney commented: "I am interested in how people form expectations, and how people respond to incentives, financial or otherwise, and how people respond to large scale policies such as public health initiatives. To understand all of this, I need to understand more about what core decision-making processes are involved even at the neural level."

Survey

The main work to date conducted by Dr Delaney in the UCD Geary Institute has revolved around large-scale sophisticated programmed internet surveys assessing subjective evaluation and decision-making processes in several key life areas. Dr Delaney has been involved in the design and implementation of large-scale surveys of approximately 20,000 people in the last year that sought to examine people's thinking on a range of social issues such as, health, education and financial decisions. This work, which was

carried out in web surveys and by other means, was done in conjunction with the Rand Research Institute, a policy research institute based in the United States. To date, several papers have examined the personality, life circumstances, environment and decision-making characteristics of people who drink heavily and smoke, as well as people who get into financial difficulties, and how such factors influence health, quality of life and wellbeing. This work is helping policy-makers in Ireland to understand, for example, why some people act in ways that are inconsistent with their long-term health and wellbeing and the potential role of policy interventions.

Dr Delaney said: "Understanding more about decision-making as it affects people's health could help policy-makers design more effective public health campaigns, or to justify scrapping such campaigns and using the money elsewhere. More information on how people actually respond to health information and health incentives can enable the government to get better value for its €12 billion or so annual spend on health, and the same goes for education."

His work at present is particularly focused on the interaction between economic conditions and psychological decision-making factors in explaining the big inequalities in health that we see in society. There are huge inequalities when it comes to health in Ireland, said Dr Delaney, and when people reach the age of 50 there is a marked difference in their physical and mental health.

"This depends crucially on real economic circumstances including patterns of deprivation that can last generations. It also depends crucially on how people manage complex health information, how they deal with risk and how they make decisions with respect to their own and their children's future. We need to understand how long-term economic effects and psychological processes interact to generate patterns of health inequalities in society."

Future

In the next few years, Dr Delaney has many exciting areas of research that he wishes to explore including understanding how the extensive changes in the economic structure in Ireland affected mental health and suicide patterns; mapping in detail how environmental and technological factors influence day to day patterns of wellbeing; and understanding in greater depth how the brain processes information about the future and what this implies for how we should think about framing public policy.

It's all about understanding why people behave the way they do while providing our policy-makers with better tools to make important decisions affecting all of society.

Sean Duke (BA 1987) is joint editor of Science Spin.



Enterprise Ireland backs research effort

Enterprise Ireland has recently announced funding to support a UCD Diagnostic Imaging research project which is attempting to solve the age old beam hardening problem in Computerised Tomography (CT) which manifests itself as streaks in patient images.

The UCD School of Medicine & Medical Science team, led by Mr John Stowe, Principal Investigator, will work with the School of Electrical, Electronic and Mechanical Engineering in a multidisciplinary approach that will try to deliver a novel correction technique which will be suitable for use on all CT scanners.

The Enterprise Ireland funding will support additional equipment and personnel which will allow test data to be analysed and processed in UCD's state-of-the-art Diagnostic Imaging facility in a vendor independent capacity. The eventual goal of the research work is to apply the correction techniques refined on the UCD test facility into the real world CT patient images. The work is being conducted with the clinical support of both Beaumont Hospital and Blackrock.

Biological Imaging investigators win €300,000 funding award

Dr Louise Rainford and Professor Patrick C Brennan, Principal Investigators UCD, have been awarded €300,000 funding following an application to the Lifelong Learning Programme 2007-2013.

The successful application, in collaboration with: INHOLLAND University, St Martins College, Lancaster (UK), London South Bank University, the University of Malta and Kauno

Technologijos Universitetas, Lithuania, is funded by the European Education, Audiovisual & Culture Executive Agency.

The aim of this consortium is to benefit from the existing expertise and intellectual property of the six partners in the development of a Graduate Master's Programme to be offered to Diagnostic Imaging practitioners across Europe.

Researchers discover blood test to predict response to Arthritis Therapies

UCD researchers have shown for the first time that a simple blood test can predict those patients suffering from inflammatory arthritis who will respond to treatment at an early stage. The group of clinicians and scientists based in UCD Conway Institute of Biomolecular & Biomedical Research and St Vincent's University Hospital, working with collaborators from McGill University, Montreal, have published their findings in the current issue of the leading scientific journal, 'Arthritis and Rheumatism'.

Rheumatoid arthritis and psoriatic arthritis are forms of progressive inflammatory arthritis that cause pain and progressive destruction of the

joints. These diseases can be treated using drugs called tumour necrosis factor alpha (TNF α) inhibitors, which prevent damage and limit disability in arthritis patients. The extent of joint destruction can be measured by x-ray but this visible progression develops over months and years and is not suitable to measure the efficiency of treatment to reduce joint damage over a short period.

Dr Ronan Mullan, a medical PhD student with the arthritis translational research group led by Professor Douglas Veale and Dr Ursula Fearon, funded by The Health Research Board and Science Foundation Ireland, outlined the findings of this clinical study that measured

particles of cartilage collagen in the blood after the start of treatment with anti-TNF α drugs. The early changes seen in the blood levels of these collagen biomarkers at four weeks corresponded to the visible joint destruction seen on x-ray after one year.

"We are very excited about the results of this research, which clearly show that collagen biomarkers may be valuable early indicators of response to arthritis treatment", said Professor Douglas Veale. "This new blood test could rapidly identify patients who are at risk of their disease progressing despite ongoing therapy. It would be a valuable diagnostic tool for clinicians."

Rheumatoid arthritis is the most widespread form of inflammatory arthritis affecting more than 80,000 people in Ireland today. It can severely impact on the quality of life of patients and direct medical costs have been estimated at €30,000 per annum for each patient. An early indicator of likely response to new and expensive treatments would not only benefit the patient but the health service generally.

This research group led by Professor Douglas Veale and Dr Ursula Fearon is part of the newly formed, Dublin Academic Health Care (DAHC), Ireland's first academic medical centre.

ChangingWorlds ranked in Top 10 of 2007 Deloitte Fast 50

UCD computer science spin-out ChangingWorlds was ranked Number 8 in the 2007 Deloitte Technology Fast 50, a ranking of the 50 fastest growing technology companies in Ireland. The Deloitte Fast 50 rankings are based on average percentage revenue growth over the last five years. ChangingWorlds grew over 1000% during this period.

ChangingWorlds was co-founded by Professor Barry Smyth and Paul Cotter in 1999 to commercialise their research into personalisation and artificial intelligence technologies at UCD's Smart Media Institute. Today ChangingWorlds is the market-leading provider of intelligent personalisation and wireless portal products to the telecommunications industry.

ChangingWorlds has rolled out its ClixSmart™ Intelligent Mobile Portal platform to 45 mobile network operators worldwide, including Vodafone Global Group, O2 Ireland and Germany, TeliaSonera, Celcom Malaysia and Hong Kong CSL.

The company now employs over 100 highly qualified staff including staff based in its Advanced Research Centre based at NovaUCD. The company is headquartered in Dublin with offices in the Far East and USA.

Pictured are (l-r): Tom Keenan (Partner, Deloitte Belfast), David Moran (CEO, ChangingWorlds) and David O'Flanagan (Partner, Deloitte Dublin).



science

A New Era for Science

The increase in government and private funding for research in science and engineering related areas has led to the requirement for universities to provide research facilities capable of competing globally. As the largest university in Ireland, UCD has a pivotal role to play in producing graduates equipped with the ideas and skills to support Ireland's plans for a knowledge-led economy.

Michael Monaghan (Project Director, UCD Science Centre) told UCD today: "The new UCD Science Centre will provide a transformational resource for Irish science which will attract the best students, graduates and staff in the fields of science and engineering. Detailed analysis of projected activities, student requirements and national policy has identified the teaching and research infrastructure which will be required to enable UCD to deliver on the scale required to meet national objectives, such as those set out in the Strategy for Science, Technology and Innovation (SSTI)."

The original UCD Science Centre was first occupied in the early 1960s, with the recent completion of the Centre for Synthesis and Chemical Biology (CSCB) in 2005. According to Prof Pat Guiry (CSCB): "The UCD CSCB building has proven to be an important stimulus to the development of the UCD Science Centre which will give future generations of scientists an opportunity to carry out their research in world-class facilities. This will enhance graduate training and help to attract leading students and researchers from Ireland and abroad to study at UCD."

Although still structurally sound, it is imperative that the original buildings are redeveloped to modern standards and fully equipped to meet the needs of world-class teaching and research activity. Funding of €40m, including €17.5m awarded to UCD under PRTL Cycle 4, has now been allocated for physical infrastructure within the UCD Science Centre. Development work will take place on a phased basis and it is anticipated that this funding will enable the completion of the Science Centre South building by 2010. This initial phase will include provision for funded programmes in Nanoscience, Biopharmaceutical Sciences and Food and Health.

To ensure minimal impact on teaching and research operations during the first phase of the Science Centre South redevelopment, research



activity has been relocated. Building work will commence on a phased basis in January 2008 with the initial refurbishment of 1,000 sq m expected by September 2008. This will provide high quality facilities for synthetic chemistry (reference A1 on the map above).

Subject to funding, a new dedicated teaching laboratory and classroom building of 10,000sq m will be constructed to provide undergraduate and taught postgraduate facilities and high quality space for collaborative learning. This in turn will act as a primer for the further development of existing buildings to accommodate rapidly expanding research programmes.

"The new UCD Science Centre Development is crucial to ensuring that UCD achieves its full research and teaching potential. Already, UCD produces graduates and researchers recognised for the quality of their science education. The

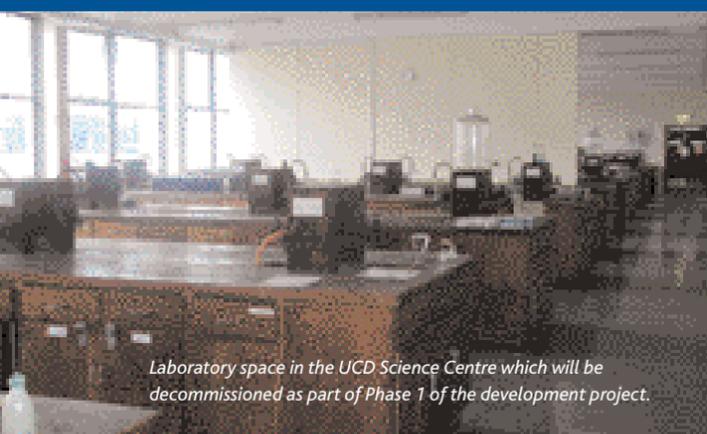
new facilities for undergraduate teaching will allow us to provide the learning environment and teaching approaches that our students deserve. In addition, the quality and scale of the proposed research space will ensure that we can retain and attract the best researchers required to deliver the graduates, Master's and PhDs required by the national development plan," said Prof Mark Rogers (Dean of Science, UCD School of Biology and Environmental Science).

Redevelopment works involve the complete removal of the external façade and the decommissioning and strip-out of everything apart from the concrete frame within the original buildings. Installation of a new façade and laboratory fit-out will provide state-of-the-art facilities for approximately four hundred researchers in the completed Science Centre South building by early 2010 including: laboratories, write-up spaces, shared equipment rooms and a large number of fume extraction

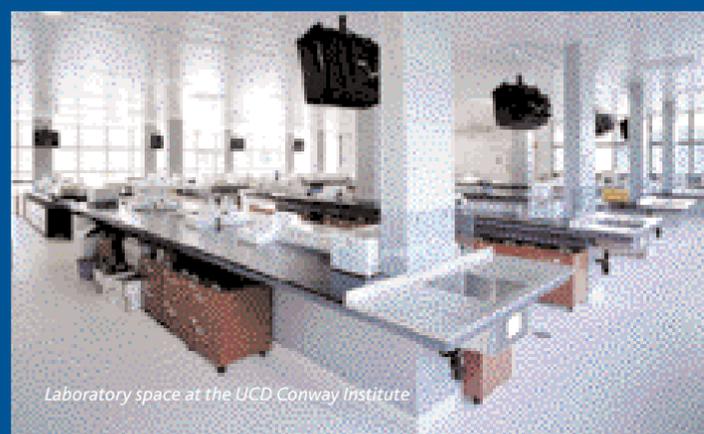
hoods, essential for synthetic chemistry related research.

The new Science Centre will be a key component of the wider UCD Science District which facilitates the strategic integration of science with related disciplines including, Agri-Food, Biomedicine, Engineering and Information and Communications Technology.

Prof Mike Gibney (UCD Food and Health) said: "I am most interested in the inter-disciplinary aspect of the new proposals. It makes sense to co-locate scientific disciplines and technology, supported by knowledge management systems, leading to the achievement of critical mass in global terms. This project will ensure that UCD will be ideally placed to undertake world-class research programmes in areas of strategic national importance."



Laboratory space in the UCD Science Centre which will be decommissioned as part of Phase 1 of the development project.



Laboratory space at the UCD Conway Institute



Laboratory space at the UCD Conway Institute

Property Seminar hosted by UCD Smurfit School



Pictured at the conference (l-r) Thomas Dowd (Quinlan Private) and Prof Robert Van Order (University of Michigan).

A leading US economist and expert on sub-prime markets has indicated that the Irish market is poised for a decline, although nothing like the tech bubble of the 90s. Professor Robert Van Order (University of Michigan) addressed an audience comprising experts from government, property, finance and academia at a seminar 'Property: The shape of things to come', hosted by UCD Michael Smurfit Graduate Business School.

Speakers at the seminar included: Thomas Dowd (Partner, Quinlan Private), Michael Scollard (Development Director, Mountbrook Homes, Jury's Ballsbridge), Colm McCarthy (Economist, UCD) and Geraldine Tallon (Secretary General,

Dept. of Environment) who gathered to discuss the critical issues facing the Irish property market.

Keynote speaker Professor Van Order commented on how rapid growth in the housing market is always likely to be risky and that the best protection going forward is to maintain high down payments to keep borrower equity strong. "Yes the rise has been very rapid, if you consider that ten or fifteen years ago housing costs in Ireland were well below the European average, and now its becoming one of the most expensive places in Europe - if not the world - in terms of housing. There's always a risk of that being fragile."

Professor Van Order informed the gathering of the importance of not eliminating or regulating the small but growing sub-prime market in Ireland out of existence and "not discourage sub-prime markets but instead manage them better. It's not easy expanding loan markets to riskier borrowers. You can't expect to do it without mistakes and lots of defaults."

According to Van Order, Ireland's sub-prime market is not big enough to do any damage but advised that Ireland should express concern if the sub-prime market grows too rapidly as rapid expansion can be dangerous considering that the "Irish property market is more volatile than the US market."

Van Order has faith in the resilience of markets in crises such as these: "The problem with financial markets is that you just don't always know, but I don't believe that this is a long term problem. Housing almost everywhere does fairly well, and financial systems around the world are pretty good at coping with losses of confidence."

With calls for possible policy intervention towards losses of confidence in this market, Van Order was direct in his response adding: "In general, you should direct monetary fiscal policy towards general stability of the economy and Ireland needs to be extremely careful about directing policy towards particular industries. Sometimes you just have to let things run their course."

Professor Tom Begley (Dean, UCD School of Business) who chaired the session said: "The seminar was one of the first of its kind in Ireland and provided a much needed platform to discuss the major issues facing this key sector from a planning, economic and development perspective."

UCD academic appointed joint editor of leading academic journal

Dr Deirdre Raftery (UCD School of Education and Lifelong Learning) has been appointed joint editor of 'History of Education', a leading, international, peer-reviewed journal published by Taylor and Francis.

The journal, which is a key resource for educationalists and social historians, publishes original research and major reviews of books on the history of education. It also includes papers discussing education systems, comparative education, policy-making, the politics and experience of education, and pedagogy.

The joint editorship, shared with Dr David Crook of the University of London, was announced at the AGM of the journal board in London. The appointment will commence in 2008 and will run for five years.

"By publishing work of a consistently high standard over the past thirty-five years, this journal has established itself as a leading publication," said Dr Raftery. "The appointment of an Irish editor clearly acknowledges that Ireland produces excellent research, particularly at UCD where doctoral research in the history of education has gained international recognition."

"The challenge, for my time as joint editor, is not only to maintain the standard of the journal but to innovate," explained Dr Raftery. "We will respond to the international audience with special editions that draw on global research, and we will also publish thematic editions that reflect new methodologies and inter-disciplinarity."

Dr Deirdre Raftery (Deputy Head of the UCD School of Education and Lifelong Learning) has published several books and papers on nineteenth century education.



Entrepreneurs Live! Seminar Series

Eight leading Irish entrepreneurs have revealed the secrets of their success at the latest NovaUCD 'Entrepreneurs Live!' seminar series which finished at the end of November.

The aim of this seminar series, which was organised by NovaUCD in association with the Dún Laoghaire-Rathdown County Enterprise Board, is to promote a spirit of entrepreneurship among the academic, research and student population at UCD.

This latest seminar series was launched by Stephen Flood (Managing Director of Gold Investments) a financial services company which specialises in wealth preservation strategies. Other speakers included Howard Beggs, CEO, Helix Health; Raymond Russell, co-founder and CTO, Corvil and Colm Lyons, founder and Managing Director, Realex Payments.

At the 'Entrepreneurs Live!' seminar series these leading Irish entrepreneurs talked about their experiences of setting-up and running their businesses emphasising the highs and lows encountered along their entrepreneurial journey and highlighting the secrets of their success. At each seminar the attendees availed of the opportunity to ask probing questions of the guest entrepreneurs.

Stephen Flood, Managing Director, Gold Investments (right) with UCD business students, Liam Ryan and Eimear O'Herlihy prior to the launch of the latest NovaUCD 'Entrepreneurs Live' seminar series.



Chuck Feeney, the secretive billionaire who transformed Irish university research

Chuck Feeney's worth was estimated at €1.3 billion by Forbes Magazine in 1998, making him the twenty-third richest American alive. But Forbes got it wrong, because in 1992, Feeney had secretly and irrevocably transferred the vast majority of his near 40% stake in 'Duty Free Shoppers' (DFS) to his charitable foundation - Atlantic Philanthropies.

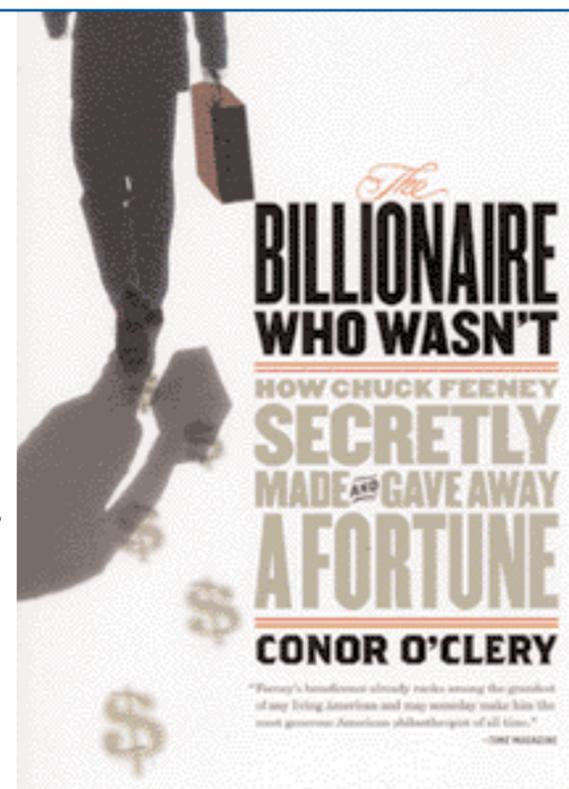
Until now, Chuck Feeney's story has been one of the greatest untold triumphs of the twentieth century. But with the publication of a new book entitled 'The Billionaire Who Wasn't: How Chuck Feeney Secretly Made and Gave Away a Fortune', by Conor O'Clery, all that is about to change.

It was only in 1997, when Feeney sold his interests in DFS, that his work as one of the greatest and most mysterious American philanthropists of modern times became known. Feeney's philanthropy surpasses that of the Mellons, the Rockefellers and the Du Ponts. Atlantic Philanthropies has donated several hundred million dollars to finance university research, libraries and on-campus accommodation on both sides of the Irish border.

Often funds which were donated from Atlantic Philanthropies leveraged the matching financial resources from the Irish Government - PRTL in the Republic of Ireland and SPUR (Special Programme for University Research) in the North, which completely transformed the face of Irish university research.

Examples on the UCD campus alone include: UCD Conway Institute; UCD Institute of Criminology; Michéal O'Cléirigh Institute; Institute for British Irish Studies; UCD Geary Institute, and Chairs in American Studies; Equality Studies and Food Safety.

All the while, in keeping with his long held desire for anonymity and his sense of modesty, Feeney refused honorary degrees and asked that his name be kept off buildings funded through his charitable foundation. Now in his mid-seventies, Feeney is determined that the remaining €4 billion in his foundation should be spent within his lifetime.



Animal biometrics for a robust livestock traceability system

Animal health and food borne illness scares in Europe, along with the importance of export markets for national producers, have created a demand for source verification, food safety and supply chain identification of food products. In particular, identification and tracking of animals is a key element in this chain because animal food products present the most significant disease risk to the consumer, given the high-profile disease scares of recent years (BSE, swine fever, foot and mouth disease, avian flu, etc). In order to meet the required needs of an animal identification and source verification system, the animal ID technology must be permanent, tamper-proof, easy to apply (or capture) and read, capable of providing immediate access to data, and must also safeguard the welfare of the animal. Alternative markers based on animal biometrics are the subject of research by Dr Ursula Gonzales Barron (Biosystems Engineering, UCD School of Agriculture, Food Science and Veterinary Medicine).

Preliminary investigation of the distinctiveness of animal traits such as muzzle pattern, retinal vascular pattern and facial recognition have suggested that these biometrics are very likely to overcome the problems associated with ear tags (susceptibility to loss and tampering) and electronic identifiers (invasiveness, readability failures and recovery at slaughterhouses). For instance, work carried out by the UCD Biosystems Engineering team has confirmed the suitability of retinal imaging technology as a viable method of sheep identification. Low values of false match error (0.25%) and false non-match error (0.82%) were reported when one retina was used to individually identify animals.

Furthermore, it was estimated that the use of two retinal images (from right and left eyes) to enrol one animal, produces negligible misclassification errors (<0.0001%). Most importantly, a longitudinal study of the effect of time on the retinal matching performance in lambs, showed that retinal images can be

acquired and positively matched at a stage of life as early as one week after birth. Because the biometric traits are inherent to the animal (ie no tags to be attached), a biometric-based ID system would in turn be non-invasive and tamper-proof; and because the biometric traits are unique and consistent over time (just like human fingerprints), a biometric ID system would in turn be robust.

Biometric systems are already being used effectively in human recognition and border control; and research being carried out at UCD Biosystems Engineering shows that similar technologies have excellent potential for parallel developments in the control and monitoring of animals. Animal (and consequently human) disease control, government subsidy payments monitoring, food chain monitoring of animal products and animal welfare assurance are a few of the several good reasons for developing the science and technology of animal biometrics.

Staff and Students hit the road

In June 2007, nine UCD students and four UCD staff walked approximately 260 kilometres of the Camino de Santiago de Compostela.

The walk took eleven days, doing roughly 20 - 30 kilometres each day, which meant an average of 4 - 7 hours walking, depending on the terrain. The group carried all their belongings in rucksacks and stayed in the official albergues or hostels along the route. Each day, the group started out very early so that the walk could mostly be done in the cool

of the morning as the aim was to reach our destination in the early afternoon.

The event was used to raise sponsorship money for the Peter McVerry Trust, which is an organisation that runs hostels for homeless young people in Dublin and a detox unit for people hooked on drugs.

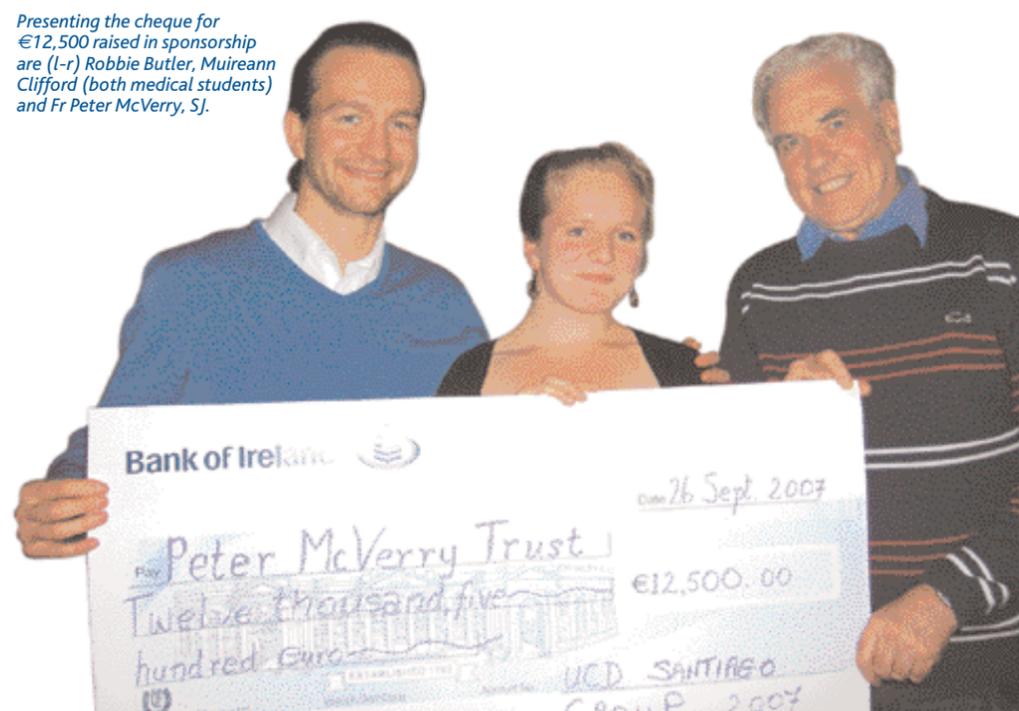
Everyone on the walk pays their own expenses and so, every cent donated goes directly to the charity. This is the fourth time that a group from UCD have done this walk, always for the same worthy cause.

The presentation of €12,500 in sponsorship was made to Fr Peter McVerry in the St Stephen's Chaplaincy, UCD.

Students who took part were: Niamh O'Brien (Med 1), Friedrich von Westerholt (Eng 1), Muireann Clifford (Med 2), Christine Arthurs (Physio 2), Sean D Rafter, (BCL Matrise 1), Robbie Butler (Med 2), James Byrne (B & L 4), Robert Stephenson (B Comm 3) and Hidekazu Joji (Occasional). Staff members were: Antonia Corrigan, Joanne Blennerhassett, John Callanan SJ and Mary Finlay.



Back row (l-r): Joanne Blennerhassett, Antonia Corrigan, Robbie Butler, Niamh O'Brien, Christine Arthurs, John Callanan SJ, Friedrich von Westerholt, Robert Stephenson and James Byrne. Front row (l-r): Sean D Rafter, Muireann Clifford and Hidekazu Joji.



Presenting the cheque for €12,500 raised in sponsorship are (l-r) Robbie Butler, Muireann Clifford (both medical students) and Fr Peter McVerry, SJ.

Social Partnership, how we built 20 years of progress

While not solely responsible for the Irish economic miracle, social partnership has made a significant contribution to the creation of the political, economic and social life of modern Ireland. November saw the Michael Smurfit Graduate School of Business host its inaugural event of the new 'Growing Ireland' speaker series 'Social Partnership, how we built 20 years of progress'.

The event brought together a group of four people who brought their perspectives to bear on the enormous challenges facing Ireland in 1987

and through a partnership approach helped forge a new Ireland. Theirs was an insider's perspective and one that we should reflect on as we seek to address the problems of today.

The panel of guest speakers included Billy Attley then President of Ireland's largest trade union, SIPTU, John Dunne then Director General of IBEC and its precursor the FUE, Paddy Teahon then Chairman of NESC and Secretary General of the Dept of An Taoiseach and Dr Rory O'Donnell, Director General of NESC.

Chaired by Paul Haran, Chairman, UCD Michael Smurfit Graduate Business School, the session involved a presentation by each of the guest speakers, followed by a highly interactive question and answer session with the audience, which comprised of senior leaders in Ireland today, both North and South.

Pictured at the event (l-r) Prof Tom Begley (Dean, UCD Business Schools), Dr Rory O'Donnell, Billy Attley, Paul Haran (Chairman, UCD Michael Smurfit Graduate Business School) John Dunne and Paddy Teahon.



Bank of Ireland Chief Executive addresses students at UCD Marketing Development Business Breakfast

On the day Bank of Ireland announced its readjusted growth predictions for 07/08, CEO Brian Goggin stressed the importance of managing change in an evolving and recently turbulent financial services environment.

Mr Goggin addressed over two hundred of Ireland's leading business people from a range of companies including Accenture, Deloitte, Ernst & Young, Davy Stockbrokers, Vodafone and AIB at the UCD Marketing Development Programme Business Breakfast. The event, sponsored by ESB Customer Supply, was held in The Four Seasons Hotel in November. The Business Breakfast is a bi-annual event organised by a team of students from the MSc in Marketing Practice, commercially known as the Marketing Development Programme.

At a time when regular change is evident in the financial sector, Mr Goggin stressed the importance of effectively aligning the internal fabric of an organisation, such as Bank of Ireland, to manage change effectively. Over the last three years, they have undertaken a journey to transform what had been perceived as an archaic institution into a 'fighting, fit, strategically strong business with a clear growth focus'.

In other news, a team of students from the Marketing Development Programme was awarded second place in the Marketing Agencies Association Worldwide Challenge. Each year, MAA recognizes the very best work in Promotion Marketing from around the world and this year decided to extend recognition to Marketing Students in universities and business schools.

Pictured at the MDP Business Breakfast were (l-r) Damien McLoughlin (Head of the Marketing Development Programme), Padraig McManus (CEO, ESB), Anne-Marie Rhatigan (Marketing Development Programme), Tadhg O'Donoghue (ESB Chairman) and Brian Goggin (CEO Bank of Ireland).



At the Launch of the 'Business of...' series of talks in UCD Quinn School were (l-r) Jamie Crawford (Marketing Manager, SPIN 1038), Keira Kennedy (Commercial & Marketing Manager, Leinster Rugby) Dr Aileen Pierce (Director, UCD Quinn School of Business) and Moira Murphy (Marketing & Communications Director, The Brown Thomas Group).

Talking business to tomorrow's industry leaders!

Leaders from fashion, magazines, sport and radio launched the innovative 'Business of...' series at UCD Quinn School of Business.

Industry leaders Norah Casey (CEO, Harmonia, publishers of Irish Tatler, Woman's Way, U and Food and Wine); Moira Murphy (Marketing and Communications Director, Brown Thomas); Chris Doyle (CEO Spin 1038) and Keira Kennedy (Commercial and Marketing Manager for Leinster Rugby) are all participating in the series.

The seminars will provide a practical and exciting insight into these vibrant industries to 5th and 6th year students and showcase the range and diversity of careers that fall under the general term of 'business'.

Commenting on the 'Business of...' series, Dean of UCD Business Schools, Professor Tom Begley said: "This series is about opening up students' minds to business and the many career opportunities it can bring. Business is all around

us from the clothes we wear, to magazines we read or the music we listen to. Everything starts off as an idea and it is the skills of business people that bring ideas to life. The series is a new venture for UCD Quinn School and we are really excited that we have such great industry leaders participating."

The first talk 'The Business of Fashion' took place in October at UCD Quinn School. At an event booked out weeks in advance, Moira Murphy from The Brown Thomas Group gave the attending 5th and 6th year students an insight into the business of fashion, from launching season collections to the role of Public Relations in the industry.

All talks in the series were booked out in advance with demand among schools and students incredibly strong. All the various events were recorded, allowing students who could not attend the opportunity to discover what was discussed at the presentation.

Bank of Ireland / UCD New Irish Scholarship Awards

With the recent census identifying 400,000 foreign nationals currently living in Ireland, which represents almost 10% of our population, a key priority area for Irish universities over the next few years is to further develop systems and supports for members of minority ethnic groups from outside of the EU now resident in Ireland.

UCD, in association with Bank of Ireland, has introduced a New Irish Scholarship Scheme.

"The scholarships - valued at up to €5,000 per annum for the duration of the student's degree programme - are aimed at individuals who face significant economic obstacles to entering university," said Ronan Murphy (Office of the Director of Access at UCD).

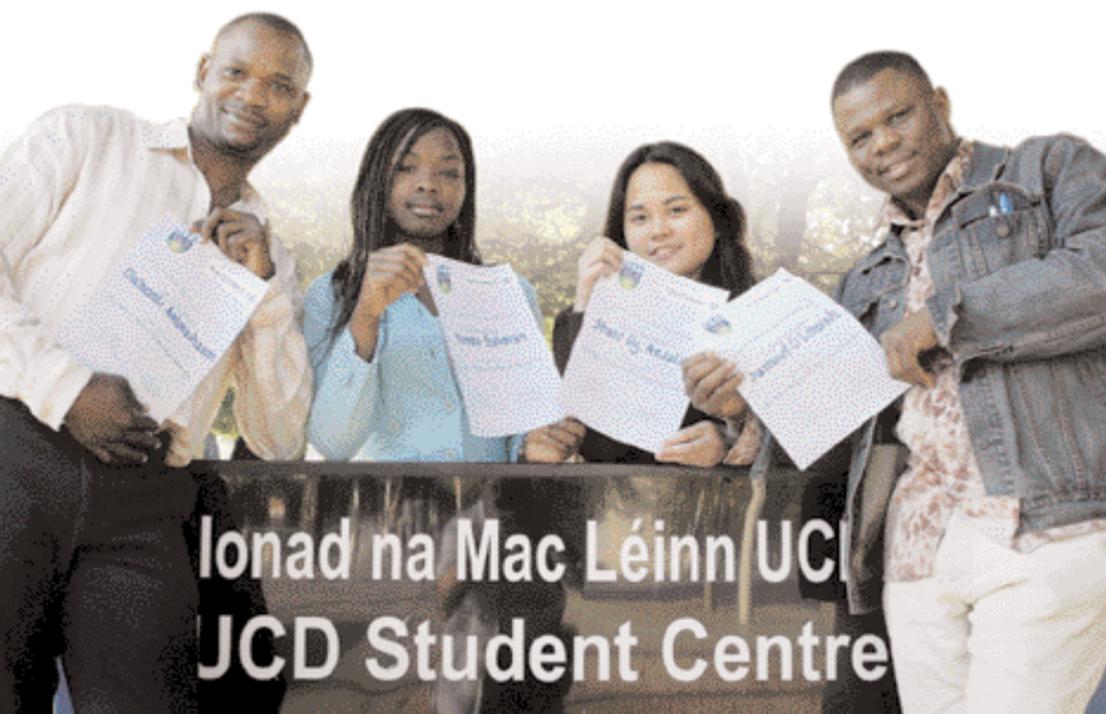
"Bank of Ireland has a long tradition of supporting student initiatives at UCD," said Sinéad Mulryan (Commercial Branch Manager,

University Branch Montrose, Bank of Ireland). "And we are particularly proud of our commitment to this unique new scholarship."

Applicants for the scholarship scheme must have been resident in the Republic of Ireland for a minimum of three years and must be legally entitled to remain, based on Irish naturalisation, refugee status, humanitarian leave, leave to remain or be holders of an Irish work permit for the past three years.

Candidates for the scheme are individuals aspiring to study at undergraduate or postgraduate level in UCD (full- or part-time) but whose financial circumstance are such that it would be extremely difficult for them to take up their place in UCD.

Olakunle Animashaun from Nigeria; Yombo Rahman from Nigeria; Shane Liz Andaloc from the Philippines and Samuel Ogwu Lekwadi from South Africa; who each received a Bank of Ireland / UCD New Irish Scholarship Award at a ceremony held in UCD in October.



UCD researcher awarded €5.8 million in research funding

Professor Maarten Nieuwenhuis (UCD School of Biology and Environmental Science) has been awarded over €5.8 million in research funding from COFORD (The National Council for Forest Research and Development) under the National Development Plan 2007-2013, following the evaluation of proposals by an international team of reviewers. The total funding obtained exceeds €4.8 million of which over €4 million is allocated to UCD.

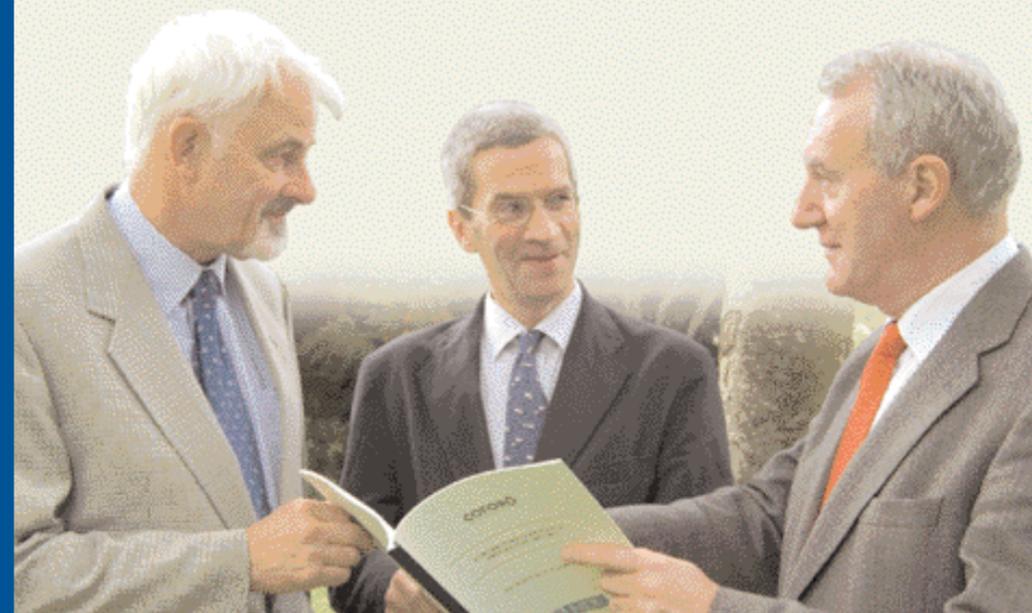
The funding has been awarded for six research projects in the 'Planning and Implementation of Sustainable Forest Management (PLANSFM)' programme as well as for the programme itself.

The PLANSFM programme is based within the UCD School of Biology and Environmental Science. One of the research themes of the School is 'Ecosystems and sustainable resource management', and the programme fits very well within this theme, benefiting from the wide range of expertise in the School, and opening up possibilities for future research, further integrating forestry management (planning) into the research and development

of national land-use planning and management methodologies. The programme will create a critical mass of forest management (planning) expertise at UCD, which will facilitate the development of proposals and involvement in national and international research programmes.

The forest industry is involved in all of these projects, which will facilitate data collection, model testing and, hopefully, the application of the research findings in the planning and implementation of sustainable forest management. Most of the industrial project partners have had previous involvement in forest research and have been selected based on their specific expertise. All projects involve international research links, including the Forestry Commission, UK Forest Research, the Institute for Forest Ecosystem Research (Czech Republic), Dr Lance Broad (New Zealand), Universities of Freiburg and Dresden in Germany and Nordic Forest Research in Scandinavia.

Pictured are (l-r) Mr Alistair Pfeifer (Research and Development Manager, Coillte Teoranta), Prof Maarten Nieuwenhuis and Dr Eugene Hendrick (Director COFORD).



UCD professor awarded RIA gold medal



Pictured at the presentation ceremony are (l-r) Michael Kelly, Minister Mary Hanafin TD and Prof Eogan.

Professor George Eogan, emeritus Professor of Celtic Archaeology at UCD, widely regarded as one of Ireland's foremost archaeologists, has been awarded the Royal Irish Academy Gold Medal in the Humanities. His momentous programme of archaeological work in the Boyne Valley over the course of the last forty years has transformed our understanding of the passage tombs and the settlement history of the area. As a result, the Boyne Valley was established as a national park and designated a World Heritage Site by UNESCO. His crucial role in the development of Irish archaeology from the 1960s onwards has received recognition in his appointment to Seanad Éireann, in numerous awards and in membership of bodies such as Academia Europea, the German Archaeological Institute and the Society of Antiquaries, London.

Each year, Royal Irish Academy Gold Medals are presented to two outstanding academics. They are recognised as a truly national expression of

celebration for scholarly achievement. The medals are sponsored by the Higher Education Authority and the Irish Independent.

"Professor Eogan is being honoured on the basis of his immense contribution over many decades to the Humanities," said The Minister for Education and Science, Mary Hanafin TD. "In acknowledging his achievements, we are also bringing to the wider public attention the high standards and broad range of research work that is going on in this country. Today's recipients of the RIA Gold Medal, the highest award that can be made in Ireland in this area, stand as the most influential academics renowned both nationally and internationally."

Michael Kelly, Chairman of the Higher Education Authority explained that recognising academic excellence is a core function of higher education in Ireland. "The contributions of Prof Eogan to learning and research are richly valued by all," he said.

Defining Space Conference

The international interdisciplinary conference 'Defining Space' took place in Newman House and the National Gallery of Ireland in October. Organised by Hugh Campbell (School Of Architecture, Landscape & Civil Engineering) and Douglas Smith (French and Francophone Studies, School of Languages and Literatures) and funded by the Humanities Institute of Ireland (World-Writing in French Research Strand) and the School of Architecture, Landscape and Civil Engineering, the conference attracted 130 delegates, including more than seventy speakers from over twenty countries and a wide variety of disciplines.

The conference set out to investigate the relevance of the spatial paradigm in theory and practice across the arts and social sciences. Often associated with purist versions of twentieth-century modernism, spatial models of creation and understanding have been denigrated for their neglect of time and history but they arguably remain key to the construction and apprehension of the world at the beginning of the twenty-first century. In exploring this

proposition, papers ranged in theme from the philosophy of space in ancient Greece to the politics and sociology of the modern post-colonial city in Europe and Asia, from the history and theory of architecture to the psychoanalytic exploration of inner space, investigating along the way the spaces of the visual arts and literature. A number of recurring themes emerged: the use of drawing as a means of grasping and constructing space, the importance of empathy to an understanding of modern conceptions of space, the negotiations of place that characterise contemporary urban life.

Organised across two sites in the centre of the city, the conference provided a congenial and stimulating setting for scholars and practitioners from different backgrounds to explore the elusive and contested notion of space, establishing both the divergences and common ground essential to meaningful interdisciplinary dialogue. The event was launched by UCD Registrar, Dr Philip Nolan in Newman House and keynote addresses were given at the National Gallery by Barry Bergdoll, Chief Curator of Architecture and Design at the Museum of Modern Art in New York, Steve Pile, Professor of Human Geography at the Open University and Anthony Vidler, Dean of Architecture at the Cooper Union, New York.

Valerie Norton and Pierre Jolivet provided invaluable administrative and technical assistance. An accompanying exhibition, curated by Emmett Scanlon and Sarah Cremin of CAST Architecture, showed how seven young Irish architectural practices responded to the theme of Defining Space.



New fellowships to train academic medical leaders

Dr Ruth Barrington, Chief Executive of the Dublin Molecular Medicine Centre, recently announced the launch of a prestigious new Fellowship Programme to train the next generation of academic medical leaders in Ireland. The first intake of the *Molecular Medicine Ireland Clinician Scientist Fellowship Programme* will comprise at least 22 Fellows competitively selected from medical graduates at registrar level who wish to undertake PhD training. The Fellowship Programme, which has received funding of €11m from the Higher Education Authority under the *Programme for Research in Third Level Institutions*, will be organised on a national basis by Molecular Medicine Ireland and delivered by the participating institutions: NUI Galway, RCSI, TCD, UCC and UCD.

Commenting on the significance of the programme, Dr Barrington said: "This programme is one of the most important advances in Irish medical training. Until now, medical graduates who wished to pursue a career in research often had to do so abroad. This programme gives some of our best medical graduates the opportunity to train to the highest standards as clinician scientists in Ireland."

Dr Michael Kamarck, Chair of the Dublin Molecular Medicine Centre, welcomed the initiative: "This training programme transcends

institutional boundaries to give Fellows unparalleled access to the top biomedical researchers in the country, and to state-of-the-art basic and clinical research facilities. It will also attract to Ireland high calibre medical graduates who wish to undertake their training in this well structured programme, and it will build Ireland's international reputation in biomedical research."

The Fellowship programme will address one of the key challenges of modern medicine - how to speed up the translation of advances in research into more effective ways of preventing and treating disease. The Fellows will undertake their research in areas in which Irish universities and academic hospitals are strong; such as neuroscience, infection and immunity, cancer, regenerative medicine, respiratory medicine, and cardiovascular disease. Each medical graduate in the programme will bring his or her clinical expertise into the laboratory in their host university/college and have the opportunity to train in depth in a relevant area of biomedical research. The Fellows will come together for part of their training, developing their experiences beyond any single laboratory or institution. The Fellows will be selected by a competitive process organised by Molecular Medicine Ireland, involving their sponsoring institutions and a cross-institutional panel including international experts.

Showcasing undergraduate research

The Summer Student Research Award (SSRA) Scheme is an initiative to support and showcase undergraduate research within the UCD School of Medicine and Medical Science. Students are competitively chosen based on academic record and interviewed for selection. The bringing together of all of the research projects in one research symposium highlights the breadth and diversity of the projects undertaken. In most cases, the SSRA scheme gives students their first experience with either laboratory or clinical based research.

16 oral presentations were competitively judged for the SSRA 2007 Gold Medal by Professor Michael Keane (Professor of Medicine and Therapeutics, St. Vincent's University Hospital), Professor Cormac Taylor (Strand Leader Vascular Biology SMMS), Professor Patrick Brennan (Strand Leader Biological Imaging SMMS) and Dr Clare O' Connor (Director of the Graduate College of Life Sciences). Prof William Powderly (Head of UCD School of Medicine & Medical Science) subsequently introduced the keynote address by Professor Marie Cassidy (State Pathologist) entitled 'CSI Ireland'.

Congratulations to Hiew Pei Hwa (Stage 4 Medicine) who won the SSRA Gold Medal and €250 for her project 'Histone acetylation and its role in epithelial to mesenchymal transition (EMT) in bladder cancer', supervised by Dr Jenny Orr of the Conway Institute.

Maeve Muldowney (Year 5) won second prize for her project investigating whether the presence of anti-thyroglobulin antibodies (TgAb) played a role in detecting recurrence of differentiated thyroid cancer (DTC) under the supervision of Dr Peter Smyth SMMS.

Niamh O'Connell, who is a third-year medical student and graduate of music and psychology, won third prize for her research under the supervision of Professor Patrick C Brennan. The study investigated the optimisation of radiological image interpretation through the consideration of the human visual adaptation system.

In addition, many SMMS students undertook research outside of the remit of the SSRA scheme and presented their findings in poster format. In total 26 posters were adjudicated for three monetary prizes.

The first prize in the poster competition went to Robert Cunningham, who received €250. Robert's study comprised a unique group of related patients suffering with an unusual genetically inherited glycogen storage disease.



Kate Matthews medal winner, Cherrie Wade

Adrian McArdle, second prizewinner of €100, carried out research in Philadelphia at the University of Pennsylvania with Professor Tilo Grosser and Professor Garret A FitzGerald into the effects of nicotine on atherosclerosis in a genetic mouse model.

The third prizewinner of €100 was Tony Laffan, currently a Res Year Student in the Mater Hospital and formally an engineer for IBM. Tony's project determined the prevalence of incidentally discovered pancreatic cysts as detected by 16-slice multi-detector computed tomography (MDCT) in a population of outpatients imaged for disease unrelated to the pancreas.

The Kate Matthews medal is awarded annually for the best original article accepted for publication in an international peer-reviewed journal arising from a fourth year radiography undergraduate project. The winner of this year's medal is Cherrie Wade for her paper 'Assessment of monitor conditions for the display of radiological diagnostic images and ambient lighting'.

The UCD Medical Graduates Association awards two medals annually for excellence in research: the Patrick Meenan Medal for exceptional research in medicine or surgery was awarded to Dr Orla McCormack and the Liam O'Connell Medal for outstanding research in Oncology/Haematology/Immunology, awarded to Dr Wen Yuan Chung. Both medals accumulate points for entry into Higher Surgical/Medical training.

Sincere congratulations to all our undergraduate students and their supervisors who participated in the SSRA Oral and Poster scheme in 2007. The standard of the presentations was of an international level and the amount of preparation made by all the students was incredible. Thanks too to Bank of Ireland who very kindly sponsored such a successful evening.



Pictured with Prof William Powderly and Prof Paul McLoughlin are Hiew Pei Hwa, Maeve Muldowney, Niamh O'Connell, and Lisa Keogh (Bank of Ireland).

'Fill Arís' - Commhhdháil ar Sheán Ó Ríordáin

'Fill Arís: Oidhreacht Sheáin Uí Ríordáin' a bhí mar theideal ar chomhhdháil a reachtáladh faoi choimirce Scoil na Gaeilge, an Léinn Cheiltigh, Bhéaloideas Éireann agus na Teangeolaíochta ar 19 Deireadh Fómhair. Is mar fhíle is fearr a bhí aithne ar Sheán Ó Ríordáin (1916-1977), duine de na mórghilí a tháinig chun cinn le linn daicheadaí na haoise seo caite agus a chuir borradh úr i nualitricht na Gaeilge. Ba scríbhneoir ildánach é, áfach, a bhfuil tábhacht ag baint freisin lena chuid aistí iriseoireachta, a chuid aistriúcháin agus, go háirithe, a chuid dialanna neamhfhoilsithe (atá ar caomhnú sa choláiste anseo), mar ba léir ó na cainteanna éagsúla a tugadh i gcaitheamh na comhdhála.

Scrúdaigh cainteoirí éagsúla gnéithe difriúla de shaol, de shaothar agus de chúla cultúrtha an scríbhneora, a cailleadh tríocha bliain ó shin i mbliana. Is é Cathal Goan, Ardcheannasaí RTÉ, a d'oscail an chomhhdháil le caint a thug léargas fíorspéisiúil ar chaidreamh Uí Ríordáin le Raidió Éireann, bunaithe ar litreacha atá i gcartlann RTÉ. I measc na n-ábhar eile a pléadh bhí fealsúnacht agus creideamh an fhíle, Ó Ríordáin agus cros-

síolrú an chultúir in Éirinn, dánta fada an Ríordánaigh, fréamhacha an dúchais ina shaothar, agus an seanchas a bhain lena mhuintir.

Léirigh an slua suntasach a bhí i láthair agus an plé bríomhar a spreag na cainteanna an spéis atá i gcónaí i saothar an Ríordánaigh agus an tábhacht a bhaineann le cur lenár n-eolas ina thaobh. I measc na gcainteoirí ó institiúidí éagsúla ar fud na tíre a chuir ábhar i láthair an tslua bhí an Dr Máire Ní Annracháin, an Dr Stiofán Ó Cadhla, an Dr Tadhg Ó Dúshláine, an Dr Louis de Paor agus an Dr Seán Ua Súilleabháin. Thug an Dr Caoimhin Mac Giolla Léith, ball de Scoil na Gaeilge, an Léinn Cheiltigh, Bhéaloideas Éireann agus na Teangeolaíochta caint chomh maith, mar a rinne Cairtriona Ní Chléirchín agus Séamas Mac Floinn, beirt iarchéimithe de chuid na Scoile. An oíche chéanna bhí deis ag an slua a bhí i láthair cluas a thabhairt do thriúr d'fhilí suntasacha comhaimseartha na Gaeilge, Aifric Mac Aodha, Bidy Jenkinson agus Liam Ó Muirthile ag léamh cuid dá saothar féin agus a rogha de shaothar an Ríordánaigh, mar aon le dreas ceoil agus sóláistí.

'Fill Arís' - a Symposium on the work of Seán Ó Ríordáin

A one-day symposium on the work of Seán Ó Ríordáin (1916-1977) was organised in UCD under the auspices of the School of Irish, Celtic Studies, Irish Folklore and Linguistics in October. The symposium borrowed its title, 'Fill Arís: Oidhreacht Sheáin Uí Ríordáin' ('Return Again: the Legacy of Seán Ó Ríordáin'), from one of the best-known poems by one of the pioneering voices in Irish language poetry from the 1940s until his death thirty years ago. Although Ó Ríordáin was principally acclaimed as a poet, his work as a journalist is also significant in the development of contemporary prose in Irish. As a number of speakers pointed out, however, one of the most potentially rewarding and relatively untapped areas of his oeuvre is the series of diaries he wrote for much of his adult life, which were acquired in 1984 for UCD Special Collections.

Various speakers addressed different aspects of the poet's life and work, as well as his cultural background. The symposium was officially opened by Cathal Goan (Director General of RTÉ) who provided a fascinating insight into Ó Ríordáin's dealings with Radio Éireann, drawing on letters from the RTÉ archives. Among the other topics

discussed throughout the day were the poet's philosophy and religious beliefs, Ó Ríordáin and the cross-fertilization of culture in Ireland, his longer poems, the native roots of the work, and the folklore and local history relating to his family and ancestors.

The impressive numbers in attendance testified to an enduring interest in Ó Ríordáin's work, and the variety of critical approaches to his writing exemplified by different speakers gave some indication of the ample rewards to be gained from revisiting his writings. Among the speakers from various institutions throughout the country who delivered papers were Dr Máire Ní Annracháin, Dr Stiofán Ó Cadhla, Dr Tadhg Ó Dúshláine, Dr Louis de Paor agus an Dr Seán Ua Súilleabháin. Dr Caoimhin Mac Giolla Léith of the UCD School of Irish, Celtic Studies, Irish Folklore and Linguistics also delivered a paper, as did two of the School's postgraduate students, Cairtriona Ní Chléirchín and Séamas Mac Floinn. In the evening refreshments were provided for the symposium-goers as well as the opportunity to hear three prominent contemporary Irish-language poets, Aifric Mac Aodha, Bidy Jenkinson and Liam Ó Muirthile read a number of their own poems as well as a personal selection from the writings of Seán Ó Ríordáin.

Researchers can now purchase storage through UCD IT Services

UCD IT Services now provides a large scale storage facility for research in the Daedalus Data Centre. Researchers can purchase storage at competitive pricing negotiated through tender. They also have the option to host in the Data Centre in Daedalus. From here data can be accessed easily and quickly via the existing network (using iSCSI). Alternatively, researchers can choose to locate it as locally attached storage to servers outside of the Research IT Data Centre.

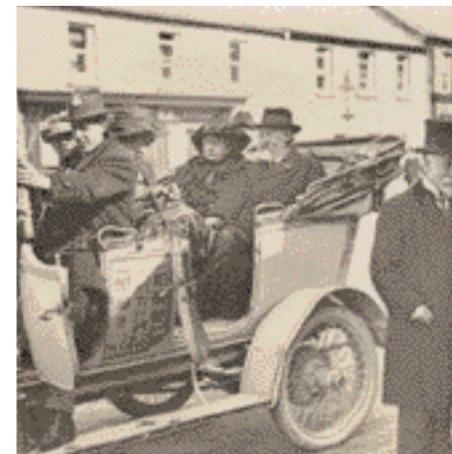
Some of the diverse research areas which can benefit from the storage solution were

Research IT Services' first customers. They include the Irish Virtual Research Libraries and Archives (IVRLA) project and research groups in the UCD Conway Institute.

The IVRLA, led by John McDonough, recently launched a digital archive in UCD Newman House. This digital repository holds anything ranging from old maps to recordings of Irish-language storytellers. Further developments by the group are planned with massive amounts of storage being purchased to facilitate a future dark archive (a repository for information that can be used as a failsafe during disaster recovery).

Researchers in the UCD Conway Institute now access their files through a local server connected over iSCSI via the network to the storage located in the Research IT Data Centre. The new solution has given Dr Jens Nielsen, a Senior Lecturer in the School of Biomolecular & Biomedical Science, a significant improvement in access speeds to user files over the previous locally attached solution RAID array storage.

Plans are in place to connect further research groups and projects to the service over the coming months.



IVRLA repositories contain physical materials in documentary, audio, video and graphic formats whose uniqueness or rarity, and in many cases their fragility, is a major obstacle to their availability and use.

The Natural Presenter - Turning Conversations Into Presentations by Barry Brophy

Barry Brophy (UCD School of Electrical, Electronic and Mechanical Engineering) has recently published a book on making presentations. This builds on consultancy work he has been engaged in over the last six years, as well as workshops he has been carrying out with engineering students since 1999.

The focus of these workshops, and one of the features that makes the book unique, is in trying to explain complex material. And this is not just a problem that faces engineers and scientists; there is always a gap to bridge in presentation. Sample scenarios are taken from many fields.

To bridge this gap, several communication tools are presented - examples, analogies, demonstrations and stories - and a chapter is devoted to each. Coupled with this is a look at the psychological rationale behind these communication devices. To this end, Barry has worked with a cognitive psychologist in the University of Manchester. In doing so, he has been able to explode many of the myths of this

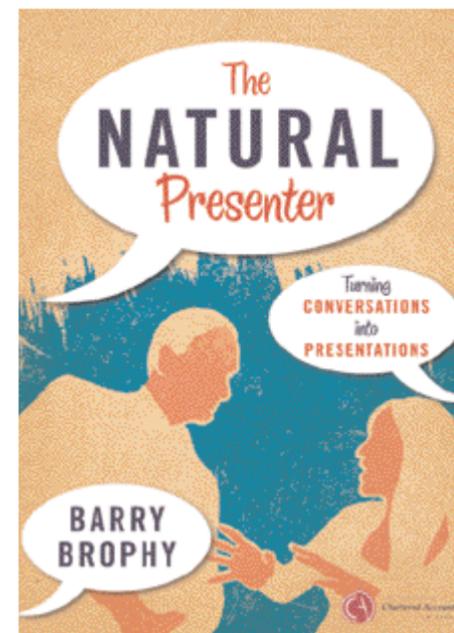
form of communication, such as the excessive use of bullet points with which we are now all so familiar.

The book also has a detailed chapter on visual aids, including sample graphics and photographs to bear the various points out. Although PowerPoint is over-used for the displaying of presenter-distracting bullet points and text, Barry points out that it is probably under-utilised in the production of mobile visual arguments that clearly compliment what the speaker is trying to achieve. This constant focus on how each component in a presentation should relate to your main aim is a theme throughout.

The other important theme, as reflected in the book's subtitle: 'Turning Conversations into Presentations', is the idea that no new delivery techniques need to be mastered to make a presentation. You have the skills already at your disposal in the form of your vast and sophisticated palette of conversational skills.

Making eye contact; varying the tone, pitch and speed of your voice; injecting energy into your words; telling stories, drawing analogies, using body language to enhance your expression - we have learnt to use all of these techniques, and many more, to express ourselves in conversation and we can just as effectively use them when making a presentation. The thrust of the book then becomes how you manage your content and prepare, so as to be able to bring these skills with you to the podium.

The book is a complete guide to public speaking and includes chapters on all of the other main issues - structure, body language, keeping audience contact, preparing guide notes, tackling nerves - as well as a section on some important special cases - conference presentations, lectures and wedding speeches. It is stocked in most shops, including the UCD Campus Bookshop, and is also available in the UCD Library.





A&L Goodbody announce sponsorship of UCD Law Society

Ireland's leading law firm, A&L Goodbody, has announced its title sponsorship of UCD Law Society for the coming academic year. The UCD Law Society, the largest student society in Ireland's largest university, will benefit from close collaboration with A&L Goodbody throughout the year. Partners from A&L Goodbody will engage in a number of events run by the society and offer hands-on, practical advice to the students on their future careers.

According to Michael Barr (Partner at A&L Goodbody): "This sponsorship is key to ensuring knowledge transfer between a top law firm and the young lawyers of the future. At A&L Goodbody we recognise the paramount importance of nurturing young talent and facilitating the next generation of lawyers. Many of the partners in A&L Goodbody, myself included, look forward to mentoring the students over the coming year and beyond."

Pictured at the announcement of the sponsorship are Michael Barr (Partner, A&L Goodbody), Maria Pittock (Public Relations Officer, UCD Law Society) and Ciaran Ahern (Auditor, UCD Law Society).

Take-away a laptop for a day

The Laptop Loan has been a service provided at UCD IT Centres since July 2006 and from November 2007, staff and students can enjoy the benefits of a new extended laptop loan service 'Take-away a laptop for a day'. This enhanced service means staff and students can now borrow laptops between 9.30am and 5.00pm and use them on the wired or wireless network anywhere on campus.

This scheme offers flexibility to those who don't have their own laptop and would like the option to work outside of the computer lab

environment. There are 700 wireless hotspots on campus to avail of and printing facilities are also available to wireless users.

Laptops can be borrowed from any of the IT Centres by producing a valid staff or student card. (IT Centres are located in the Daedalus, Newman, Health Sciences and Newstead buildings.)

IT staff are available at each centre to handle any queries from email and computer account queries to wireless settings and laptop issues. Laptop advisory clinics for more complex IT enquiries are also run on demand.



Rose of Tralee

In a change from her usual day to day life as a UCD student, Lisa Berry enjoyed a summer of photo shoots and glamour as the Wicklow Rose. She was chosen in April and progressed to a regional competition with Roses from every county, competing to send six girls through to the final in Tralee in August. Lisa was thrilled to be the first Rose from Wicklow to progress to the final.

In September, Lisa returned to UCD to enter the third year of her degree in English and Geography. Lisa entered UCD as part of the New ERA programme and is appreciative of the opportunity to study at UCD. Following her degree, she plans postgraduate study in journalism. UCD New ERA aims to encourage and facilitate increased participation in higher education by students who, for a variety of economic or social reasons are under-represented in university.

As well as studying hard for her degree, Lisa is a professional Irish dancer, she performed with Riverdance in Croke Park for the Special Olympics Opening Ceremony, toured America

several times with Noel V Ginnity's Traditional Irish Cabaret Show and also toured China as part of An Taoiseach's Official Visit to the People's Republic of China with Dervish 2005. And to top it all, the Wicklow Tourism Board was so proud of Lisa that they named a special rose after her. Being the Garden County of Ireland, this is particularly apt as a tribute.



Lisa with compere Ray Darcy at the Rose of Tralee Festival.

GAA commentator, Mícheál Ó Muircheartaigh honoured

In recognition of his outstanding contribution to Irish sport and the Irish language, distinguished UCD alumnus Mícheál Ó Muircheartaigh was awarded the UCD Foundation Day Medal in November.

One of Ireland's best known sports commentators, Mícheál Ó Muircheartaigh made his first RTE broadcast on a Railway Cup match in 1949 following his selection from a test panel of student commentators on a hurling match at Croke Park earlier that year. With his uniquely entertaining and often bilingual commentaries, he has since become the public voice of the GAA.

Born in Dún Síon, near Dingle, he graduated from St Patrick's College, and completed his Bachelor of Arts, Higher Diploma, DAP and Bachelor of Commerce at UCD. He worked as a teacher in primary and secondary schools throughout Dublin before becoming a full-time broadcaster for RTE.

At the beginning of his broadcasting career, Ó Muircheartaigh commentated on minor GAA matches in Irish. In the mid-1980s, he took over from Micheál O'Hehir as RTE's premier radio sports commentator. His love for the GAA is palpable from his enthusiastic commentary on each and every game. He is the main commentator in the Gaelic Games football game on the Sony Playstation video game console.

"Mícheál is a participant in the game. In describing what is happening, he is representing the athlete in their drive to succeed," said Brian Mullins (Director of UCD Sport). "The achievement that each and every athlete and player strives to execute is captured in his words as he describes, for all those listening, the very essence of what the particular scene and the sequence of scenes in sport are all about."

"There are those in our world who bring music, literature and art to life," continued Mullins. "Through his commentary, Mícheál brings sport to life because he believes it is life and he wants to share that understanding and vision with each and every one of us."

The Minister for Integration, Conor Lenihan TD presented the keynote address at the UCD Foundation Day Dinner. As he outlined the progress made by the Irish government in terms of aid to the developing world, he spoke of his pleasure working with UCD on several overseas projects while he was Minister for Overseas Development. The Minister also expressed his continued interest in further developing this longstanding relationship through his current ministerial appointment as Minister for Integration.



Mícheál Ó Muircheartaigh with his Foundation Day Medal.

St Vincent's University Student Research Presentation

UCD IT Services now provides a large scale storage facility for research in the Daedalus Data Centre. Researchers can purchase storage at competitive pricing negotiated through tender. They also have the option to host in the Data Centre in Daedalus. From here data can be accessed easily and quickly via the existing network (using iSCSI). Alternatively, researchers can choose to locate it as locally attached storage to servers outside of the Research IT Data Centre.

Some of the diverse research areas which can benefit from the storage solution were Research IT Services' first customers. They include the Irish Virtual Research Libraries and Archives (IVRLA) project and research groups in the UCD Conway Institute.

The IVRLA, led by John McDonough, recently launched a digital archive in UCD Newman House. This digital repository holds anything ranging from old maps to recordings of Irish-

language storytellers. Further developments by the group are planned with massive amounts of storage being purchased to facilitate a future dark archive (a repository for information that can be used as a failsafe during disaster recovery).

Researchers in the UCD Conway Institute now access their files through a local server connected over iSCSI via the network to the storage located in the Research IT Data Centre.

The new solution has given Dr Jens Nielsen, a Senior Lecturer in the School of Biomolecular & Biomedical Science, a significant improvement in access speeds to user files over the previous locally attached solution RAID array storage.

Plans are in place to connect further research groups and projects to the service over the coming months.

UCD Students named on camogie All-Star team

Four UCD students were named on the Energise Sport Camogie All-Star team. Among the winners were Wexford captain Mary Leacy and her sister Una, who made history by becoming the first sisters to win Camogie All-Stars. Joining them was Wexford teammate Mags Darcy.

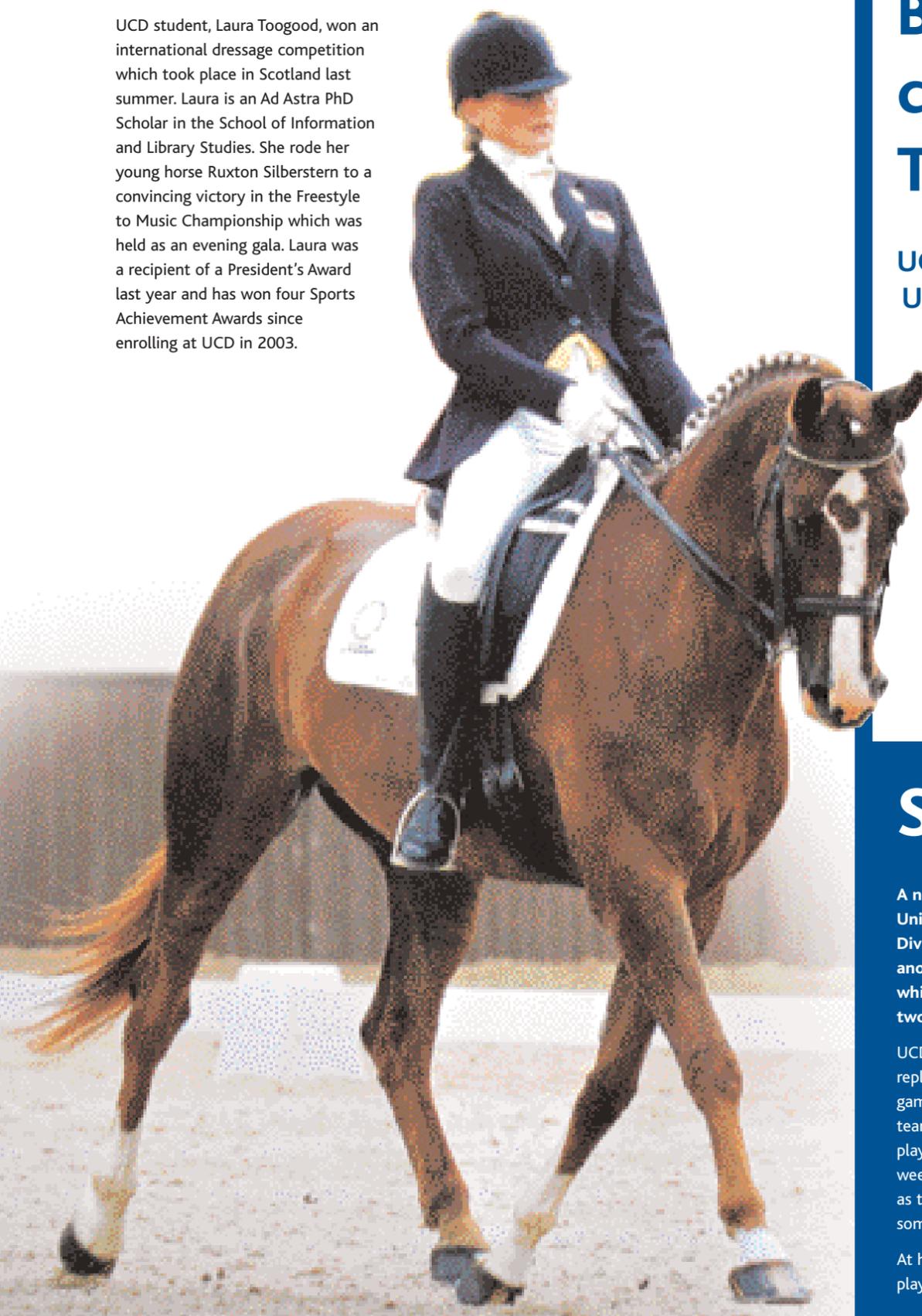
Also receiving an All-Star award was physiotherapy student Rena Buckley of Cork. Notably this is Rena's third Camogie All-Star award in a row.

Notably all four UCD students were members of the UCD senior camogie team which won the Ashbourne Cup (the All Ireland Higher Education Championship) and the Higher Education League final earlier this year.



International success for UCD student

UCD student, Laura Toogood, won an international dressage competition which took place in Scotland last summer. Laura is an Ad Astra PhD Scholar in the School of Information and Library Studies. She rode her young horse Ruxton Silberstern to a convincing victory in the Freestyle to Music Championship which was held as an evening gala. Laura was a recipient of a President's Award last year and has won four Sports Achievement Awards since enrolling at UCD in 2003.



Fitting end of an era for Belfield Park as UCD claim Dr Tony O'Neill Trophy

**UCD under-21 0 St. Patrick's Athletic under-21 0 AET
UCD won 4-2 on penalties**

In November, UCD hosted the final senior game in Belfield Park, as the under-21 soccer team beat St Patrick's Athletic in the Dr Tony O'Neill Final.

The final curtain came down on the home ground of UCD for the last 72 years. Indeed it was a fitting end to the ground's history with UCD emerging victorious in the competition named after one of its most loyal servants.

It proved to be a nail-biting encounter, with the game ending scoreless after extra-time, and therefore going to penalties.

However, UCD goalkeeper Billy Brennan proved to be the hero of the night scoring and saving a penalty in the shoot-out as UCD became the permanent holders of the Dr Tony O'Neill trophy.

The last ever final at this grade of the game pitted a UCD team seeking their third title in four years against a Pat's team chasing their first ever triumph at this level.

With such talent at underage level the future looks bright for the UCD Soccer Club. Home games next season for the club will be played in the newly refurbished UCD Bowl.

Safety, but only just

A nerve wracking 90 minutes against Galway United ultimately saw UCD secure Premier Division football for next season, but it was another disappointing performance, and one which saw them end their campaign with two points from seven games.

UCD, who hadn't scored in four games, had to reply on results from other Premier League games before being sure of staying up. The team was evidently rattled by the prospect of a play-off, which had seemed so remote seven weeks ago, but to their credit, they did improve as the game went on and started to create some openings.

At half time, UCD were a point above the play-off, hoping Waterford wouldn't take a

shock lead in Tolka. Granted, the news filtering through early in the second half was that Waterford were time-wasting already, seemingly content to keep things tight and play for the 0-0 that would guarantee the play-off rather than throw players forward for the win but risk leaving gaps at the back which could see them concede and go straight down.

UCD's players trooped off the pitch utterly dejected after their 2-1 loss, but two minutes later came the news that Waterford had ended scoreless with Rovers, thereby finishing a point behind UCD in the standings, and condemned to a play-off.

I sing who I am

Identity, ethnicity and individuality in Chinese music

The 12th International CHIME (European Foundation for Chinese Music Research) Conference, jointly organised by UCD School of Music and the Chester Beatty Library, took place in October. This was the first major academic conference on Chinese music to be held in Dublin. Specialists from the UK, Europe, Canada, China, Korea, Taiwan, Hong Kong, Singapore and the USA gathered to address the issues of identity, ethnicity and individuality via individual papers, themed panels, video sessions, roundtables and interviews with musicians.

The opening day's proceedings took place in the Chester Beatty Library. Following opening remarks and welcome address by Dr Wolfgang Marx (Head of UCD School of Music) and Dr Michael Ryan (Director of Chester Beatty Library) a film on shadow puppeteers of Gansu, Western China, kickstarted the conference. This was followed by the keynote paper delivered by Professor Mercedes Dujunco from Bard College, New York. A short film portraying Li Guangzu, a master musician of the *pipa* four-string lute, was linked to a live interview with the *pipa* player Liu Fang from Montreal to end the first day. An opening reception took place in the Chester Beatty Library that evening. Mr Zhang Xinseng (Ambassador of the People's Republic of China) and Dr Philip Nolan (Deputy President of UCD) welcomed the delegates and guests. Both emphasised the importance and significance of this conference and its contribution in bringing Chinese music and its academic studies to the UCD community and a wider Dublin audience.

An interesting array of papers and panels on Chinese music was spread across the next two and a half days in UCD School of Music. The question of identity, pertinent in Chinese music among the diasporic community, and its impact on local music and musical life, were discussed in papers such as 'The Corneta China: Chinese shawms in Cuban Rumba', 'The adaptation of Chinese *Yueqin* in nineteenth century Japan', and 'Singing Czina: the musical repertoires of Czech sinologists'. A panel on Korean music and the Korean diaspora in China focused on vocal styles and the musical embodiment of identity. Issues



of ethnicity were evident in many papers on the music of ethnic minority groups in China including the Yi people in Yunnan, the Tibetans and the Horqin Mongolian in Eastern Inner Mongolia. A panel on gender identity had papers focused on the question of masculinity and music in China, ranging from Uyghur male pop groups, Korean pop in China, traditional Chinese shawm bands and the male imagery to the battle of image and style between Chinese male pianists Lang Lang and Yundi Li. Lively discussions and exchanges of ideas flowed freely in almost every session.

The highlight of the conference was a concert of music from the plains to the grasslands featuring the *mukam* music of the Uyghur people in Xinjiang, the music of the *pipa* lute and 22-string *zheng* zither, the classical 7-string *qin* zither, and Mongolian Long Song, horse-head fiddle music and overtone singing. The concert, open to the general public, took place in the Chester Beatty Library. It was the first time these musical genres were performed in Ireland, and it was indeed a rare opportunity for an Irish audience to hear these masterpieces in one single concert. A selection of music was also performed at a lunchtime concert in the open courtyard in the Arts Café in UCD Newman Building. The informal concert attracted UCD staff and students, many of whom expressed their astonishment at the unique and beautiful sounds.



Europe's largest student fashion show 2008

UCD is proud to claim ownership of Europe's largest student fashion event - the annual UCD Fashion Show - which involves a cast of over 200 students from across campus, raising thousands for Irish charities in one of Ireland's largest venues.

The 22nd show will take place in the RDS Simmonscourt on Friday 29 February 2008 before an audience of 5,300 and will feature 140 students modelling on the catwalk, 20 student dancers and a behind the scenes organising committee of 30 who are involved in fundraising, production, ticket sales, marketing and public relations.

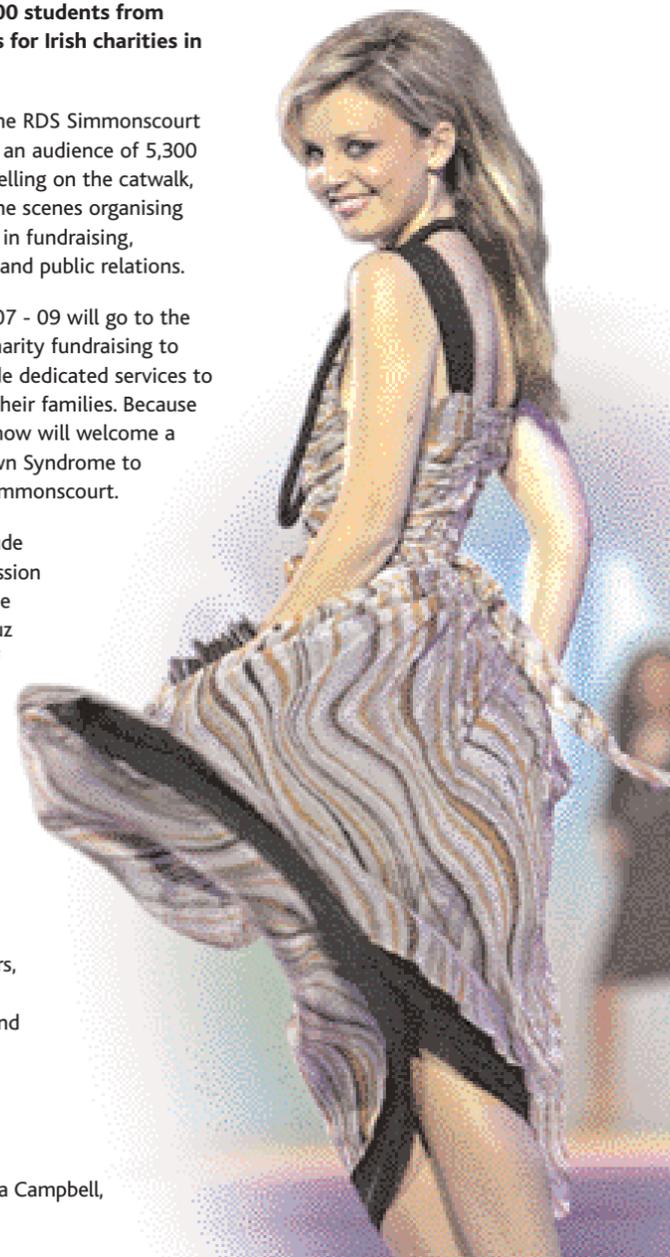
Proceeds from the events from 2007 - 09 will go to the Down Syndrome Centre, an Irish charity fundraising to build Ireland's first centre to provide dedicated services to people with Down Syndrome and their families. Because of the charity's involvement, the show will welcome a further ten young people with Down Syndrome to model alongside the students in Simmonscourt.

Bands playing live onstage will include The Coronas and high energy percussion group Extreme Rhythm will open the show. Styling will be by Graham Cruz who regularly features on RTE's 'Off the Rails' and dance will be choreographed by Jane Shortall.

Special awards will include 'Male/Female Model of the Year' and 'Young Designer of the Year' - a competition which invites entries from students in design colleges throughout the country.

Ticket prices are €10 for schoolgoers, €20 for students, €40 for adults, €100 for a family ticket (2 adults and 2 students) and VIP tickets, €100. They can be purchased online at www.ucdfashionshow.com and will be sold on campus in the New Year.

For more information, contact Sheila Campbell, Campbell PR. Tel: 086 818 5967



About UCD today — UCD today is the campus magazine of University College Dublin. It profiles and celebrates the tremendous variety of activities on the UCD campus. It provides information on issues that affect staff, students and stakeholders and is a forum to showcase the work of UCD people throughout the university.

Published five times annually by the UCD Communications Office, UCD today also includes major feature interviews by well known Irish journalists.

UCD today keeps the UCD community up-to-date with campus, people, news and activities and showcases UCD's excellence in teaching, learning and research.