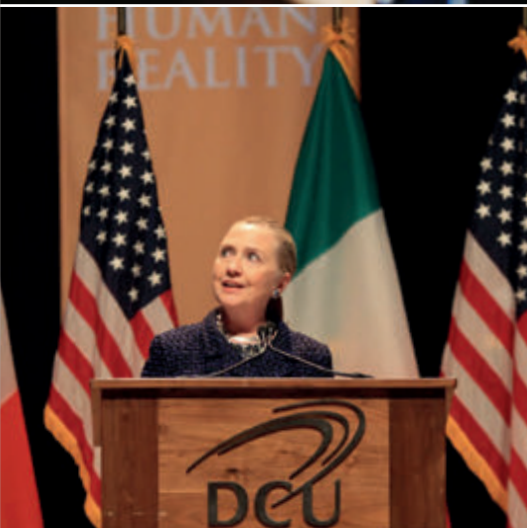




PRESIDENT'S ANNUAL REPORT

OCTOBER TO SEPTEMBER
2012 / 2013





CONTENTS

1.	President's Welcome	02
2.	Awards and Honours	04
3.	Student Successes and Initiatives	08
4.	Research & Innovation	12
5.	University of Enterprise	18
6.	Global Engagement	22
7.	Making an Impact	26
8.	Sporting Achievements	30
9.	University Overview	34
	Governance and Leadership	35
	University Financial Report	36
	Student Numbers	38
	Campus Developments	39
10.	Year at a Glance	40

PRESIDENT'S WELCOME



It is my pleasure to introduce the 2012/13 Annual Report to you. This report documents many of the developments and exceptional achievements of staff and students alike, over the course of the past year. DCU's mission, to 'Transform Lives and Societies', captures our focus and commitment to delivering upon our responsibilities to our students, to society and to the economy. Despite the continuing challenges of a struggling economy and the impact of reduced budgets on the Irish higher education system, it is evident from this report that DCU takes great pride in graduating students of the highest quality, not only in terms of academic excellence but also in terms of their readiness to fulfil their personal potential as citizens of the 21st century.

Underpinning all our activities and priorities of the last 12 months has been our five-year strategic plan that was launched last year. 'Transforming Lives and Societies, 2012-2017' is infused with ambition and reflects DCU's dynamism, entrepreneurial spirit and innovation. Developed around four core principles – Transformation, Translation, Enterprise and Engagement – the Strategic Plan sets out how DCU will not only anticipate but will embrace change.

This year we were delighted to be ranked among the world's top 50 young universities worldwide. DCU placed 46th in the QS World University Rankings 'Top 50 under 50', which showcases the next generation of leading universities, all of which have been established since 1962.

There were a number of significant developments for DCU in the innovation space. We opened our new Innovation Campus on a 9.5 acre site close to the University. The Innovation Campus is expected to host a large cluster of companies, mainly in the Cleantech sector. We established the highly innovative UStart, Ireland's first student start-up accelerator programme. UStart offers students with ideas space, funding and support to start their own enterprises. DCU Business School and DCU Ryan Academy for Entrepreneurship developed a new master's programme in Innovation for Social Enterprise. We also extended our annual President's Awards by establishing the President's Awards for Innovation. Sponsored by Fujitsu, this award scheme is intended to encourage and reward innovation across the DCU campus.

Internationally, DCU's reputation was enhanced by becoming one of only two European universities to be designated a Changemaker Campus by Ashoka U. This prestigious designation is awarded to leading institutions in social innovation education, in recognition of their efforts to embed social innovation as a core value across their campuses. DCU is one of 30 institutions worldwide to be recognised as a Changemaker Campus.

In a very significant international partnership development, DCU and Arizona State University established a Transatlantic Higher Education Partnership, built on shared values of innovation, entrepreneurship, technology-enhanced learning and research and discovery. The Partnership builds on and strengthens our long-standing collaboration of seven years with ASU.

In November, we launched the Age-Friendly University Initiative. Described by the Taoiseach, Enda Kenny TD, as 'truly a pioneering initiative', the Age-Friendly University Initiative is the first of its kind in the world. Its aim is to highlight the valuable role that universities can play in responding to the multi-faceted opportunities and challenges associated with an ageing demographic. By launching as an Age-Friendly University, we are setting a strategic direction for the University to respond to demographic changes through our research agenda, curriculum development, engagement with the ageing community and relationship to its own faculty, staff and students.

We were delighted to welcome a number of high profile visitors to DCU this year. In December, the US Secretary of State, Hillary Rodham Clinton, delivered a keynote address on human rights entitled "Frontlines and Frontiers: Making Human Rights a Human Reality". She also launched the University's new Institute for International Conflict Resolution and Reconstruction. We welcomed Professor Mario Molina, 1995 Chemistry Nobel Prize winner, who delivered the 2012 DCU Nobel Laureate lecture. Professor Molina rose to prominence for highlighting the threat of Chlorofluorocarbons (CFCs) to the ozone layer. It was a busy year, too, for DCU honorary conferring ceremonies, with honorary doctorates awarded to four outstanding individuals, Brother Colm O'Connell, John E Kelly III, Brian O'Dwyer and John Fitzpatrick. The presence of Olympic Gold medallist, David Rudisha, at the ceremony for Brother O'Connell, added an extra dimension of excitement for all in attendance. DCU was also honoured to host President of Ireland, Michael D Higgins on two separate occasions.

I wish to pay tribute to our outstanding staff and students whose hard work, commitment and innovative spirit have contributed so greatly to the many successes and achievements of the past year. This report captures just some of those achievements – there are many others I could mention. On behalf of the DCU community, I would also like to acknowledge our gratitude to our supporters, trustees, alumni and friends, who work so hard on behalf of the University.



AWARDS AND HONOURS



DCU CONFERS HONORARY DOCTORATE AWARDS ON FOUR REMARKABLE PEOPLE

This year, DCU had the pleasure of conferring Honorary Doctorate awards on four remarkable individuals.

In October, the Irish missionary based in Iten, Kenya, Brother Colm O'Connell, was conferred with an honorary Doctor of Philosophy. Brother Colm, a member of the Patrician missionary order, joined St Patrick's High School in Iten in 1976, as a geography teacher. Thirty six years later, he still lives in Iten and having nurtured five Kenyan Olympic Gold medallists and 25 world champions over the years, he is acknowledged as the world's most successful coach of endurance running, in a true mark of the high esteem in which Brother Colm is held, the London 2012 800m Gold Medallist and world record-holder, David Rudisha, accompanied Brother Colm and his family to DCU for the ceremony.

In November, Dr John E Kelly III, Senior Vice President and Director of IBM Research, became our second awardee this year to be conferred with an honorary Doctor of Philosophy. Dr Kelly has enjoyed a long and distinguished career in IBM for over 40 years.

In a special double conferring ceremony DCU awarded honorary doctorates to two leading figures of the Irish-American community in New York, Brian O'Dwyer, Irish-American lawyer, immigration rights lobbyist and adviser to President Bill Clinton on Irish issues and John Fitzpatrick, hotelier and philanthropist. Both men were conferred with the award of a Doctor of Philosophy, honoris causa, in recognition of their sustained efforts to improve the lives of others, ranging from work with the American Ireland Fund, immigration reform, welfare for senior citizens and giving their time and resources to charitable causes in Ireland.



DCU Chancellor, Dr Martin McAleese, Dr John E Kelly III and DCU President, Professor Brian MacCraith



Dr Brian O'Dwyer and Dr John Fitzpatrick

A YEAR OF OUTSTANDING ACHIEVEMENTS BY STAFF AND STUDENTS

From research and innovation, to teaching and learning and engagement, this was an outstanding year of achievements by DCU staff and students.

The **PRESIDENT'S RESEARCH AWARDS** were presented to Dr Dorothy Kenny, School of Applied Languages and Intercultural Studies and Professor Greg Hughes, School of Physical Sciences. Dr Kenny received the Award for the Humanities and Social Sciences for her outstanding contribution to the development of translation studies nationally and internationally. Professor Greg Hughes received the Award for Science and Engineering for his significant contributions to the development of experimental surface science as a key field of research within DCU and for his recent work on diffusion layer studies and high energy x-ray photoelectron spectroscopy, both for next generation microelectronic devices.



L to R: Professor Brian MacCraith, Professor Greg Hughes, Dr Dorothy Kenny and Vice President for Research and Innovation, Professor Alan Harvey

The **PRESIDENT'S AWARDS FOR CIVIC ENGAGEMENT** recognise outstanding engagement with the local community in addressing social, economic, cultural or environmental issues. This year's staff category award was presented to Dr Adam McAuley, School of Law and Government, in recognition of his work as module co-ordinator for the 'Placement: Law in Society' initiative. First year students in the School of Nursing and Human Sciences were the Student category winners, in recognition of their volunteering placements with marginalised groups.

At the inaugural **PRESIDENT'S AWARD FOR INNOVATION** ceremony, a mobile app to assist visually-impaired shoppers, a diagnostic tool to better assess cardiac disease and an online payroll self-service system were the creative innovations that won the President's Awards for Innovation, sponsored by Fujitsu.



Regina Moran, CEO of Fujitsu Ireland and Professor Brian MacCraith, presented the awards to Kaylee Cherry, a final year student in Digital Media Engineering, for Scandroid, a barcode-scanning Android app designed to assist visually-impaired and blind shoppers; Stephen Hearty, Barry McDonnell and Richard O'Kennedy of DCU's Biomedical Diagnostics Institute, who collaborated with industry partner, Biosurfit, to engineer an antibody C-reactive protein (CRP), a cardiac biomarker which will allow more rapid and reliable assessment of cardiac disease at point-of-care and Sheila Bridgeman, from DCU's Finance Office, who won an award for My Payroll Self-Service, which delivers pay and tax information securely to staff desktops, translating into cost efficiencies as well as a positive environmental impact through the elimination of paper-based payslips.

This year's **PRESIDENT'S AWARDS FOR EXCELLENCE IN TEACHING AND LEARNING** were presented under five categories

- Teaching Support Category
- New Lecturer/Tutor Category
- Special Award for Distinctive Teaching Approaches
- Special Award for Distinctive Assessment and Feedback
- Academic Category Overall



This year's winners were Mr. Billy Roarty, School of Electronic Engineering - Teaching Support; Dr Jenny Lawler, School of Biotechnology - New Lecturer/Tutor; Dr Brieg Casey, School of Nursing and Human Sciences - Special Award for Distinctive Teaching Approaches; Dr Claire Gubbins, DCUBS - Special Award for Distinctive Assessment and Feedback and Professor Marann Byrne, DCUBS - Academic Category Overall.

PRESTIGIOUS FULBRIGHT AWARD FOR DR CLAIRE GUBBINS

Dr Claire Gubbins, Lecturer in the Human Resource Management and Organisational Psychology Group, was awarded a Fulbright Scholarship. She will conduct research on tacit knowledge management practices and influencers in industry at Carnegie Mellon University.



Mr Jim Dowling, Deputy President and Dr Claire Gubbins

EUROPEAN HEALTHCARE COMMUNICATION AWARD FOR DR VERONICA LAMBERT, SCHOOL OF NURSING AND HUMAN SCIENCES

Dr Veronica Lambert was awarded the Jozen Bensing Award for talented early career research from the European Association for Communication in Healthcare (EACH). This is the first time this award was presented to a nurse and recognises Veronica's outstanding research in clinical communication. Veronica, who lectures in Children's and General Nursing, completed her PhD thesis 'Visible-ness', on the nature of communication between children and health professionals in a specialist children's hospital, from the children's perspective.

FRENCH GOVERNMENT AWARDS CHEVALIER DES PALMES ACADÉMIQUES

Dr Brigitte Le Juez, School of Applied Languages and Intercultural Studies, was honoured by the French Government as a "Chevalier dans l'Ordre des Palmes Académiques". The Ordre des Palmes Académiques (Order of Chivalry of France) was founded by the Emperor Napoléon to honour eminent members of the University of Paris. This national order of France recognises distinguished academics as well as cultural and educational figures.

STUDENT SUCCESSES AND INITIATIVES



NOBEL LAUREATE WARNS OF CLIMATE CHANGE DANGER

"Climate Change is the most important problem that society faces." That's according to Professor Mario Molina who delivered this year's DCU's Nobel Laureate lecture, as part of our Nobel Laureate Lecture Series sponsored by Magnet Networks. The 1995 Chemistry Nobel Prize winner, Professor Molina rose to prominence for highlighting the threat of Chlorofluorocarbons (CFCs) to the ozone layer. He now concentrates his research on climate change and air pollution.

Addressing a large audience of secondary and third-level students in the Helix, DCU, and via a live broadcast of his lecture on aertv.ie, Professor Molina warned that the Earth's capacity to absorb waste from the activities of an increasing human population was diminishing. "About half the surface of our continents has already been changed or affected by human activity. What is limited is not the atmosphere but the atmosphere's capacity to absorb waste from human activities, without serious consequences."



Professor Mario Molina delivers DCU's Nobel Laureate lecture

MEMORANDUM OF UNDERSTANDING SIGNED WITH EDUCATE TOGETHER

In April the President, Professor Brian MacCraith and Mr Paul Rowe, CEO Educate Together, signed a memorandum of understanding marking a collaboration between both institutions. Speaking at the official signing, Oscar-winning director and Ireland's digital champion, Lord David Puttnam, praised the new initiative between DCU and Educate Together, which will develop innovative new approaches to teacher education at primary and second-level with potential application nationally and internationally. DCU and Educate Together have previously collaborated on the development and evaluation of Learn Together, an ethical education curriculum that supports

the moral, spiritual and ethical development of the child. In a video message to guests at the MOU signing, the Minister for Education and Skills, Mr Ruairi Quinn, TD, said that the Memorandum of Understanding was a very welcome development as we prepare for the classroom of the 21st century and the future.



L to R: Mr. Paul Rowe, Lord David Puttnam and Professor Brian MacCraith

DCU STUDENTS AWARDED PRESTIGIOUS PLACEMENTS WITH IBM RESEARCH LABORATORIES, BRAZIL

IBM Ireland, in association with IBM Research Brazil, offered two young DCU researchers the opportunity to spend ten weeks during the summer months at the IBM Research Brazil laboratories in Rio de Janeiro. These prestigious placements for early career researchers have previously only been offered, under their Global University Programme, to those undertaking research at elite universities in the USA. The fact that DCU is the first university outside North America to collaborate with IBM in this way reflects a strong relationship between the company and the University. The two young DCU researchers are Nina Hanzlikova, in the National Centre for Plasma Science and Technology, and Lijuan Marissa Zhou, in CLARITY. The initiative is welcomed as a very valuable step in deepening DCU's relationship with IBM through engagement with doctoral research.

DCU STUDENTS REPRESENT IRELAND IN THE 2012 ENACTUS WORLD CUP

A team of students from DCU became the first team to represent Ireland in the prestigious ENACTUS (formerly named SIFE - Students in Free Enterprise) World Cup. Daithí de Buitléir, Ronan O Dálaigh, Sallyanne Downes, Evelyn Boyle, Hannah Dobson and Paul Gillick travelled to Washington D.C. in October to compete with university teams from 38 countries for the title of ENACTUS World Champion 2012.

SIFE was founded in the United States in 1975, as an international, non-profit organisation, to encourage university students to make a positive difference to their communities, while developing the skills to become socially responsible business leaders of the future. In qualifying to represent Ireland at ENACTUS 2012, the DCU team had competed against teams from NUI Galway, Trinity College Dublin and University College Dublin to win the inaugural SIFE Ireland competition in May.

DCU ACCESS

Irish Distillers Pernod Ricard launched two four-year scholarships, in partnership with the DCU Access Programme, in memory of the former CEO and Chairman of Pernod Ricard, Patrick Ricard. The scholarships, named the Patrick Ricard and Irish Distillers scholarships respectively, will provide socio-economically disadvantaged students access to further education. For each of the next four years, Irish Distillers will provide two DCU students with full four-year scholarships. Each scholarship recipient will also be provided with a summer work experience placement each year within Irish Distillers Pernod Ricard.



NEW MASTERS IN BIG DATA

IBM teamed up with DCU to create a new Masters in Computing (Data Analytics). The programme content has been developed jointly by IBM and DCU to equip students with analytical skills to support the changing face of business today. The new programme will be delivered by experts from DCU and IBM and will facilitate collaborative research projects between the two organisations. The collaboration will help graduate students to develop critical IT skills for urban analysis, consumer behaviour, social networks, sentiment analysis, healthcare, and cyber and network security.

ONLINE MASTERS IN MANAGEMENT OF CLEAN TECHNOLOGIES LAUNCHED



Mr. Seamus Fox, Mr Jim Dowling, Minister Hogan and Dr Anne Morrissey at the launch of the online Masters in Management of Clean Technologies

The Minister for Environment, Community & Local Government, Mr Phil Hogan TD, officially launched DCU's new online Masters in Management of Clean Technologies in April. This new programme, delivered fully online through Oscail, DCU Distance Education, will upskill managers for the cleantech sector. Speaking at the launch, Minister Hogan noted the potential the Green Economy has to deliver economic growth and create jobs in Ireland, and the vital role third level institutions have to play in bringing this about. The blend of skills developed in this programme ensures graduates will understand the challenges involved in the management of Renewable Energy, Energy Efficiency, Water Treatment, Waste Management and Resources Efficiency. These are areas identified by the Industrial Development Authority, Enterprise Ireland and Sustainable Energy Association of Ireland as key in positioning Ireland as a major hub for investment in the Clean Technology sector.

NATURE HIGHLIGHTS DCU PHD TRAINING PROGRAMME

A special feature in the prestigious international science journal, *Nature*, has highlighted PhD training at DCU in an article on structured study for postgraduate students. The article explores how DCU, among other European institutions, has introduced structured doctoral programmes that broaden students' education. The BioAT (Bioanalysis & Therapeutics) Structured PhD programme, directed by Dr. Christine Loscher, is a collaborative, inter-institutional 4-year structured PhD programme. Funded by the Higher Education Authority, BioAT brings together the complementary expertise of researchers from DCU, the Royal College of Surgeons in Ireland, National University of Ireland, Maynooth and Institute of Technology, Tallaght.



Dr Christine Loscher, School of Biotechnology

RESEARCH AND INNOVATION





US SECRETARY OF STATE, HILLARY RODHAM CLINTON LAUNCHES THE IICRR



In December, the US Secretary of State, Hillary Rodham Clinton visited DCU to deliver a keynote speech on human rights entitled “Frontlines and Frontiers: Making Human Rights a Human Reality” and to officially launch DCU’s new Institute for International Conflict Resolution and Reconstruction (IICRR).

In a powerful address to a large gathering in the Mahony Hall of the Helix DCU, Secretary Clinton spoke about the importance of human rights, highlighting the “four frontlines of human rights” (1) religious freedom and the rights of religious minorities; (2) internet freedom; (3) the role of civil society and (4) referring to this as ‘the

unfinished business of the 21st century’, respecting the human rights of women and girls.

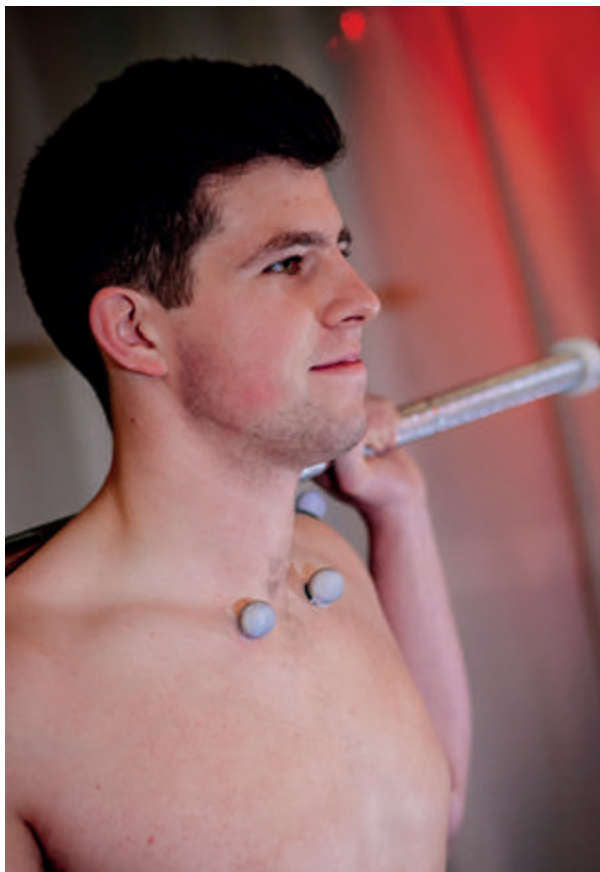
Secretary Clinton also launched the IICRR and commended the Institute on its award of €3.6m in EU funding to fund a four year European early career researcher training network for new PhDs and post-doctoral fellows focused on conflict and post conflict tensions in the former Soviet space. DCU is the lead partner on the project which will support the development of a team of 12 PhD students and two Post-Doctoral fellows, who will have regional specialisation on the former Soviet region, strong research training and three years’ experience of working in an international and intercultural environment. Project partners include the Universities of Bremen, Oslo, Warsaw, Tallinn and St Andrews in Scotland. IICRR’s lead researchers are Dr John Doyle, Director of IICRR, Dr Donnacha O Beachain and Dr Eileen Connolly.

EU FUNDING FOR PROJECT TO DIGITIZE GAELIC AND BASQUE SPORTS

A major European motion capture technology project to preserve, promote and develop culturally important sports was developed in Ireland through a unique collaboration between scientists, sporting bodies, cultural organisations and athletes.

Launched by Minister for Jobs, Enterprise and Innovation Richard Bruton TD, Re-Play is a €2million research project, funded by EU Framework Programme 7 (FP7), involving top-class scientists from Ireland, Spain, UK, Switzerland and Greece.

The project brings together eight participants from including Vicomtech-IK4 and Eusko Jaurlaritza from Spain, Vicon Motion and IN2 Search from the UK, CLARITY and the GAA from Ireland, the University of Geneva, Switzerland and the Centre for Research and Technology, Hellas in Greece, studying the bio-mechanics and unique skills base of Gaelic football, Hurling and Basque Poleta.



NEW RESEARCH TO ASSIST INDEPENDENT LIVING FOR THE ELDERLY

IT solutions company, Fujitsu, announced an exciting new research project, that will build on the successful programmes of life-logging and falls risk identification research in the CLARITY and TRIL research centres. The KIDUKU project is a collaborative effort between researchers from CLARITY and TRIL, working together in INSIGHT, and the CASALA research group in Dundalk Institute of Technology.

KIDUKU will explore ways to assist independent living in an ageing society through ICT. The three year project began in July, under the guidance of Professor Alan Smeaton (CLARITY), Professor Brian Caulfield (TRIL/CLARITY) and Dr. Cathal Guerrin (CLARITY collaborator). Researchers will use a range of sensors to monitor patients' daily lives, in addition to bringing the expertise of independent living support specialists together with data visualization and analysis technologies. The project aims to develop a system that supports independent living through health management and ICT, as well as solutions for seniors and patients that participate in this system.

The project's name, KIDUKU, captures the essence of two Japanese words, both pronounced "kiduku," with the first meaning "to be aware" and the second, "to construct." The idea of being aware has to do with the ability to observe changes in different conditions, such as an individual's health, which can lead to changes in behaviour and the offering of new support services. For this purpose, the project aims to "construct" a knowledge platform that provides services to help senior citizens and patients gain a heightened sense of awareness. The project also seeks to build senior citizen-oriented solutions that employ this system and are useful in everyday life.



NEW CENTRE TO DRIVE CLOUD COMPUTING INNOVATION IN IRELAND

The Minister for Jobs Enterprise and Innovation, Richard Bruton TD, launched the Irish Centre for Cloud Computing and Commerce (IC4) which is a new government-funded technology centre to drive cloud computing innovation in Ireland. IC4 aims to accelerate the development and adoption of cloud technology in Ireland, develop and showcase Ireland's capabilities in this field and ultimately benefit the Irish economy through job creation and increased revenues in the ICT sector.

The industry-led centre has a strong industry panel that includes Microsoft, Fujitsu, Intel and IBM. It will build on Ireland's substantial research base in this area and focus on partnering researchers with industry in order to turn good research ideas into good jobs in the Irish economy. This launch represents the delivery of a key commitment under the Action Plan for Jobs 2012.

DCU DRIVING RESEARCH LINKS WITH BRAZIL'S GROWING ECONOMY

A new consortium of Irish third-level institutions, led by DCU, is driving a co-ordinated national approach to promote Ireland's scientific and technological reputation in Brazil and to highlight Ireland's attractiveness as an international research partner. DCU and its partners (Royal College of Surgeons in Ireland, NUI Maynooth, University College Cork, Waterford Institute of Technology, University of Limerick, Dublin Institute of Technology, NUI Galway and Trinity College Dublin) will develop research and educational links between the two countries across five main areas: Information & Communication Technologies; Environmental Science & Technologies; Advanced Materials & Nanotechnology; Biopharmaceuticals, Biotechnology and Health and Sustainable energy and Agro-production. Funding of €550,000 was provided for this International Strategic Co-operation Award Programme, by Science Foundation Ireland which has designated Brazil as a priority country for research and education partnerships. DCU is also involved in two other consortiums which will drive the strengthening of strategic research links and collaboration with China (lead by NUIM) and with India (led by TCD).



Dr Dermot Brougham, Dr Dermot Brabazon and Professor John Costello

POSITIONING IRELAND AS A GLOBAL HUB FOR PHARMACEUTICAL PROCESS INNOVATION AND ADVANCED MANUFACTURING.

Mr Richard Bruton TD, Minister for Jobs, Enterprise and Innovation and Mr Seán Sherlock TD, Minister for Research and Innovation announced €30m funding to support world-class research at the Synthesis & Solid State Pharmaceutical Centre (SSPC) based at the University of Limerick. This exchequer funding is leveraging a further investment of €10 million from industry partners to SSPC. SSPC is dedicated to supporting the pharmaceutical industry in Ireland which is responsible for over 60,000 Irish jobs and exports over €50 billion annually. A collaboration of 17 companies and eight academic institutions, including DCU, SSPC will build a core capability in the area of process R&D serving to cement the pharmaceutical industry in Ireland and to retain jobs in existing pharmaceutical companies. A key theme of the research is its focus on process efficiencies and 'greener' chemistry, which will have a positive impact on the environment by reducing and in some cases eliminating the use of environmentally hazardous materials. Dr Nick Gathergood, School of Chemical Sciences at DCU, is the project leader for the targeted project 'Technologies for Cleaner Processes', which includes researchers from UCD (Professor Guiry and Professor Gilheany) and UCC (Dr MacGlacken). The project is supported by input from several major pharmaceutical companies including Pfizer, GlaxoSmithKline and Roche.



SFI investigator awards represent an important investment in future technology development which will help underpin DCU's role as a University of Enterprise."

Prof Alan Harvey, Vice President for Research and Innovation

Three DCU researchers were awarded funding totalling €1.4M under Science Foundation Ireland's Investigator Programme.

- Dr Dermot Brougham, School of Chemical Sciences, will research the development of magnetic nanoparticles for use in biomedical imaging by modifying the particle surface to enhance bio-compatibility. This work will enhance medical imaging capability, focusing on early cancer detection.
- Dr Dermot Brabazon, School of Mechanical and Manufacturing Engineering, will implement advanced laser processing techniques for the development of improved systems for separation and identification of chemical and biological species. This research work, supporting Irish based industries, will provide novel systems which will enable enhanced detection resolution within shorter periods and with low associated costs.
- Professor John Costello, School of Physical Sciences, will develop a novel stagnation layer methodology for laser ablation; laser ablation is a technology that underpins a number of key analytical techniques employed in materials, biopharmaceuticals, security, forensics and environmental monitoring.

NEW STUDY ON THE IRISH EXPERIENCE OF TERMINOLOGY FOR THE EUROPEAN UNION

A new study, Terminology for the European Union. The Irish Experience: was compiled by Fiontar, DCU and published by Cló Iar-Chonnacht. The GA IATE Project (Gaeilge Inter-Active Terminology for Europe) provides a comprehensive description of Irish-language terminology for translation purposes of the European Union.

PROFESSOR NIALL MOYNA, CENTRE OF PREVENTATIVE MEDICINE, CALLS FOR SPORT AND FITNESS TO BE PRIORITISED IN SCHOOLS



The national challenge, developed by Professor Moyna and the Wellness Economic Initiative Alliance, invited all secondary schools throughout the country to join in making physical fitness a national priority, by assessing the fitness levels of 1st and 2nd year school children over a six week period and advocating for improvements in their overall health.

A total of 8,047 students (4,390 boys and 3,657 girls), and 219 schools from 24 counties across Ireland successfully completed Aviva Health's Schools Fitness Challenge. The results show large improvements in fitness were observed among the students after a relatively short period of exercise intervention - as little as six weeks. Recent studies show that 25% of school-going children have risk factors for heart disease, while 86% of spend more than two hours daily, sitting viewing TV, videos or playing on the computer.

DCU CHILD HEALTH CONFERENCE CALLS FOR EU OBSERVATORY FOR CHILDREN – GREATER FUNDING NEEDED FOR CHILD HEALTH RESEARCH

In July, the Minister for Children and Youth Affairs was in DCU to launch a major EU conference on 'Child Health Research- The Key to a Healthier European Society'. Speaking at the conference, Professor Anthony Staines, of the School of Nursing and Human Sciences, called on policy-makers to provide greater funding for child health research.

The findings of two major EU reports on child health research were presented at the conference:-

CHICOS, (Developing a Child Health Research Strategy Across Europe), is currently studying more than 500,000 mothers, fathers and children, gathering information on important childhood diseases and determinants, such as obesity, asthma, infections, behavioural problems, cognitive development, and social, environmental and genetic characteristics of the children and their parents.

The EU consortium, RICHE, Research Inventory for Child Health in Europe, made up of researchers from 23 countries, is recommending a roadmap for child health research in Europe. The report recommends giving children a greater priority in census data and household surveys, in order to allow greater analysis of children's domestic and social environments. It also calls for more cross-cultural European longitudinal studies in child health, including cross-country comparisons and greater development of age-related indicators in specific research areas.

EDELMAN AND DCU RESEARCH PARTNERSHIP

The world's largest public relations business, Edelman, and DCU Business School have formed a strategic partnership to focus on ongoing research into trust, social influence marketing and online engagement. Edelman will participate in specific DCU initiatives such as the DCU Ryan Academy Propeller Accelerator for early-stage technology start-ups, UStart for student start-ups and the Irish Centre for Cloud Computing and Commerce.



ENTERPRISE

OCU

Campaña Nuálaid
Innovación



A NEW NATIONAL CENTRE FOR INNOVATION IN THE CLEANTECH SECTOR

In January, the Minister for Jobs, Enterprise and Innovation, Mr Richard Bruton TD, officially opened the DCU Innovation Campus, a new national centre for innovation in the Cleantech sector. Cleantech is one of the fastest growing areas of economic activity and worth more than €5 trillion globally. The hope is that this new campus will be a location of choice for Cleantech start-ups, SMEs and larger companies, and it is expected to drive significant green economy growth in the North Dublin and Leinster area, supporting 200 jobs over the initial 18 months.

The establishment of the Innovation Campus follows the transfer of a vacant Enterprise Ireland-owned site to DCU for the purposes of this project. The Cleantech sector develops innovative products and services to address major sustainability issues concerning water, waste, energy and emissions and forms a key strand of both the Government's Action Plan for Jobs and its policy on growth and employment in the Green Economy. Speaking at the launch, Minister Bruton spoke of the significance of the new Innovation Campus in the context of this major government policy focus,

The Innovation Campus will be a central element of DCU's contribution to the development of the Green Way, a collaborative venture established by industry, academic institutions and public/semi state players in the north Dublin region to create jobs and trade opportunities through its internationally recognised Cleantech cluster.

The campus is expected to attract new high-growth, Cleantech enterprises that wish to locate in a supportive entrepreneurial ecosystem; international entrepreneurs wishing to take advantage of advanced DCU R&D; university spin-out companies; and student and graduate start-up companies. Dalkia, the utilities and energy management service provider, was confirmed as the first tenant in the new campus.

Speaking at the launch the President, Professor Brian MacCraith, said "From the very beginning of this institution in 1980, under the leadership of Dr Danny O'Hare, Innovation has been at the heart of everything we do at DCU. It's what we were set up to do. And, following the launch of our new Strategic Plan last September, we are embracing a new message: **Ireland's University of Enterprise**. And that is about creating a culture of innovation, about pursuing active engagement with the enterprise sector, and about fostering innovative and entrepreneurial mindsets in our students".

NATIONAL CLOUD COMPUTING ACCELERATOR PROGRAMME

In May, details were announced for a new National Cloud Computing Accelerator Programme that will provide guidance and training to over 2,000 organisations on how to assess which cloud services will help fast-track their business. The programme will offer 200 organisations the opportunity to receive hands-on cloud implementation advice at drop-in clinics in Dublin, Cork and Athlone. In addition, 500 small and medium businesses, that have already adopted the cloud, will be advised on how the cloud can be harnessed to support growth. The partnership behind the initiative, which is designed to accelerate cloud business in Ireland, includes Microsoft, the Irish Centre for Cloud Computing and Commerce (IC4) at DCU, UCC and Athlone Institute of Technology. DCU will lead the outreach programme to 2,000 Irish organisations, expanding its existing Techspectations outreach programme to incorporate a new free cloud-specific training programme. DCU also announced that it will launch a new facility, MarketingLab, to provide SMEs, and specifically cloud technology companies, access to cloud and digital marketing expertise, tools and knowledge. MarketingLab will be supported by Microsoft and hardware partner HP, with the latest Windows 8 PCs, tablets and phones.



FAST-TRACK PATENT LICENCE SCHEME

DCU became the first Irish university to announce a fast-track Licence Express scheme through which it will make selected patented innovations available to industry and entrepreneurs. DCU Licence Express aims to ensure that publically-funded research is widely promoted and it will make it easier for companies to gain access to university technologies. The scheme was developed in response to the Government's National Intellectual Property Protocol published in June 2012. DCU Licence Express will offer on-line exclusive and non-exclusive template licences to companies or entrepreneurs who must propose credible business plans. Proposals will be selected by DCU on the basis of potential impact to the Irish economy in terms of jobs or exports. Royalties will not be due for a period of four years and there will be no up-front payments due to the University. Ongoing royalties after the initial four years will be at a rate of only 1% of net sales.

DCU RYAN ACADEMY FOR ENTREPRENEURSHIP TACKLES FEMALE START-UP CHALLENGES

The DCU Ryan Academy for Entrepreneurship invited female entrepreneurs to participate in The High Fliers Programme, a series of workshops and networking opportunities designed to address the gap between the rate of female and male start-ups in Ireland. Key challenges for women entrepreneurs have been identified as lack of self-belief, developing an entrepreneurial mindset and the ability to pitch and influence.

In response to these needs, DCU Ryan Academy for Entrepreneurship developed three targeted workshops, to be delivered by highly-regarded management coach, Struan Robertson. The programme is tailored to suit the needs of existing and aspiring entrepreneurs, entreprising students and intrapreneurial employees. The High Fliers Programme is supported by The Ireland Funds, Intel, Vodafone Ireland and Enterprise Ireland.



BIG IDEAS FROM DCU

At this year's 'Big Ideas' showcase, the Minister for Research and Innovation, Sean Sherlock, TD, presented a special Enterprise Ireland Commercialisation Award to Tony O'Dowd, CEO of Xcelerator, a DCU spin-out company based in DCU Invent. Xcelerator offers cloud based on-line translation using licensed technology from CNGL at DCU. The company's premier product is now marketed as 'KantanMT', which transforms how Localisation Service Providers work with Machine Translation technology.

Also at 'Big Ideas' Dr Stephen Daniels, Executive Director, NCPST, received an Enterprise Ireland Commercialisation Award in recognition of his outstanding entrepreneurial spirit and commitment to commercialising research. Dr Stephens leads a multidisciplinary research team in plasma technology and energy systems. He has also been instrumental in the formation of several technology businesses including Arann Healthcare Ltd, Qualflow Systems Ltd, Lexus Research and Sonex Metrology. Dr Daniels is regarded as a champion of innovation through his research work, his engagement with industry and his encouragement of entrepreneurship amongst students.

The Big Ideas showcase is the largest gathering of inventors and investors in the country. Addressing an audience of investors, entrepreneurs, venture capitalists and representatives from Irish and multinational companies, Minister Sherlock said, "The discovery, protection and transfer of commercially valuable intellectual property from bench to boardroom is essential if Ireland is to generate more high-value jobs and exports. Enterprise Ireland has assisted the researchers to bring their technologies to the global marketplace."



Xcelerator CEO, Tony O'Dowd, accepting his award from Minister Sherlock

CNGL SPINOUT, XCELERATOR, SECURES \$1.2 MILLION

Machine translation solutions company Xcelerator, a spin-out of the SFI-funded Centre for Next Generation Localisation (CNGL) secured \$1.2 million in funding from a syndicate of investors led by Delta Partners, via the Bank of Ireland Start-Up and Emerging Sectors Fund, together with Enterprise Ireland and two private investors. Established in 2011, Xcelerator is an export-focused company with customers in over 30 countries. It specialises in statistical machine translation systems and currently has over 650 clients registered and using its KantanMT.com machine translation platform. Founded by Tony O'Dowd, the company employs five people currently and is an Enterprise Ireland High Potential Start Up client company. It is expected that the new funding will allow for the creation of 25 new roles over the next 18 months in the area of Cloud Based Software Development. The company employs data cleansing techniques developed by CNGL's Integrated Language Technologies experts.

ZINOPY AND DCU HAVE ALL THE ANSWERS

IT specialist, Zinopy, launched its innovative app, QuAS, during Freshers Fortnight on campus. QuAS allows Frequently Answered Questions (FAQs) to be answered automatically and intuitively online and allows students to find information on any aspect of their university life on any device, quickly and easily. QuAS, funded by a successful Innovation Partnership between DCU, Enterprise Ireland and Zinopy, takes the latest language technologies and research at DCU to create an intelligent search engine which maps questions to the correct answer, learning from previous answers to create an ever-evolving database of questions and corresponding accurate responses. The Innovation Partnership Programme is run by Enterprise Ireland to encourage collaboration between Irish-based companies and Irish universities.



ENTERPRISE IRELAND'S "ONE TO WATCH" AWARD FOR DCU SPIN-OUT

Style-Eyes, a DCU spin-out, won the Enterprise Ireland 'One to Watch' Award 2013 for developing first-of-its-kind technology – a smartphone, tablet and computer application which uses image recognition technology to make fashion more accessible. Style-Eyes, which has been developed by Dr Mark Hughes and Bobby Pringle at CLARITY, the Centre for Sensor Web Technologies, allows the user to take a picture of a fashion item, whether it's an evening dress or a handbag and searches through a global retailer database to find an exact match. In a matter of seconds results appear on your screen showing the user the product they have photographed as well as a selection of other options that are visually relevant. The technology transfer team at Invent DCU facilitated the identification and protection of the intellectual property arising from Style-Eyes research.

DCU RYAN ACADEMY FOR ENTREPRENEURSHIP - ADDRESSING THE INTERNATIONAL SALES SKILLS GAP

DCU Ryan Academy for Entrepreneurship in partnership with BTSI, announced a new suite of international sales programmes to complement their existing sales education portfolio. As with all of the Ryan Academy's Sales Education programmes, these new programmes focus on sales as the key driver of growth within Irish export organisations by improving sales skills, knowledge and competence. The programmes were developed in response to calls from Irish business leaders for a concerted effort to address Ireland's growing sales skills deficit. The programmes are delivered using a blended methodology, which minimises out of office time to only four days over 12 months.

GLOBAL ENGAGEMENT

ASU

The image shows a large, three-dimensional white ASU logo mounted on a wall. The wall is composed of vertical copper panels that reflect the ambient light. Below the copper panels is a base made of irregular, rounded stones in various shades of brown and tan. In the background, palm trees and a clear blue sky are visible. The logo itself is a stylized 'ASU' where the 'S' is formed by a series of radiating lines, giving it a sunburst or star-like appearance. The lighting is warm, suggesting late afternoon or early morning.



Professor Brian MacCraith with the President of ASU, Dr Michael Crow

DCU-ASU TRANSATLANTIC HIGHER EDUCATION PARTNERSHIP

This year, building on an already well-established collaboration over seven years, DCU and Arizona State University (ASU) announced the establishment of a comprehensive Transatlantic Higher Education Partnership. The Partnership is built on shared values of innovation and entrepreneurship, technology-enhanced learning, and research and discovery. A number of projects and initiatives have been launched that are aimed at providing students with unique education and research experiences, growing the economy and positively impacting communities in both Arizona and Ireland. As part of the Partnership announcement, the details of three major new initiatives were released:

- In partnership with Ventana Medical Systems, Inc., a member of the Roche group, DCU and ASU will establish the world's first International School of Biomedical Diagnostics in 2014;
- In a major development in healthcare research, Biodesign Europe will leverage the research infrastructure capacity and expertise of ASU Biodesign Institute's eleven and DCU's five health-focused research centres. As a result, a combined team of over 400 researchers will address some of the most important challenges in 21st century healthcare,

such as chronic disease management, personalised and stratified medicine, and sustainable healthcare delivery;

- Building on a strong culture of student innovation in both institutions, DCU and ASU will develop joint programmes in student entrepreneurship. In particular, these new programmes will incorporate a global perspective through linkages with international partners and a focus on global grand challenges, especially in the developing world. Each of the institutions has already run successful student accelerator programmes and is a designated as AshokaU Changemaker Campus in recognition of their commitment to social entrepreneurship.

DCU and ASU also announced a Catalyst fund, which will be used to support engagement between researchers with a view to leveraging substantial income from research-funding agencies. In addition, a Partnership co-ordinator was hired to advance these collaborative projects and to support a planned roll-out of further initiatives between the two institutions.

DCU and ASU have a history of collaboration, and a range of initiatives are already underway which leverage the expertise and entrepreneurial skillset of the two universities.

ICCR CHAIR OF POLITICS AND INTERNATIONAL AFFAIRS FOR DCU

DCU signed a Memorandum of Understanding with the Indian Council for Cultural Relations (ICCR), New Delhi to establish the ICCR Chair of Politics and International Affairs at DCU. The new Chair will conduct courses in Contemporary Indian Perspectives on International Affairs, and International Affairs and Foreign Policy in the Developing World, and deliver the ICCR Lecture on India. Founded in 1950 by Maulana Abul Kalam Azad, independent India's first Education Minister, the ICCR helps formulate and implement policies relating to India's external cultural relations and fosters mutual understanding and promotes cultural exchanges between India and other countries.



Indian Ambassador to Ireland, Mr. Debashish Chakravarti and Professor Brian MacCraith

DCU SIGNS AGREEMENT WITH PRINCESS NOURAH BINT ABDULRAHMAN UNIVERSITY (PNU) TO DELIVER TWO UNDERGRADUATE PROGRAMMES

Following the signing of a milestone agreement between DCU and Princess Nourah Bint AbdulRahman University earlier this year, DCU@PNU welcomed its first intake of over 100 students in September. PNU, located in Riyadh, Kingdom of Saudi Arabia, is the world's largest women-only university. Under the agreement DCU Business School, in partnership with the College of Business and Administration at PNU, will deliver its Bachelor Degree of Business Studies and Bachelor Degree of Marketing, Innovation and Technology. Over the initial four years of DCU@PNU it is expected that almost 600 Saudi female students will participate in the programmes and it is hoped that the partnership will lead to an increase in postgraduate education opportunities for Saudi Arabian students in Ireland.

PNU was named by King Abdullah in honour of his aunt, the progressive Princess Nora, sister of the founder of the Kingdom of Saudi Arabia, the late King Abdulaziz Bin Abdulrahman. The University strives to educate and inspire its female students with leading edge, innovative programmes. Its 8 million square metre campus opened its doors in 2011, having been constructed in a record time of two years. PNU boasts its own elevated, dual track, light rail system, 1,444 residential units, an 80,000 sq metre library, schools spanning the pre-, primary, intermediate and secondary levels, research centres, student support centre, sport facilities for staff and students, a convention centre, a 700 bed hospital. The University has fifteen faculties designed to cater to 60,000 students under the first phase of development.

MEMORANDUM OF UNDERSTANDING SIGNED WITH PRESTIGIOUS CHINESE UNIVERSITY

In November, the President, Professor Brian MacCraith, signed a Memorandum of Understanding with Beijing University of Posts and Telecommunications (BUPT). BUPT is one of China's 73 key national universities, specialising in teaching and research in the areas of information and telecommunications. The signing took place during a week-long programme of engagement with DCU's significant exchange partners in Japan and China – Waseda University, Toyo University, Tagasaki University and Capital University of Economics and Business.

GRADUATE DIPLOMA IN LEADERSHIP DEVELOPMENT IN ICT AND THE KNOWLEDGE SOCIETY AWARDED TO FUTURE AFRICAN LEADERS

A partnership between DCU, the African Union Commission, Finland's Foreign Ministry and the UN Global eSchools & Communities Initiative (GeSCI) led to 180 future leaders from sub-Saharan African countries graduating with a pioneering new leadership qualification from DCU. The Graduate Diploma in Leadership Development in ICT & the Knowledge Society will enable them to become change-makers in government, with a focus on influencing the policy-making necessary for social and economic development on the African continent.



The programme is a bespoke professional blended (online and face-to-face) learning programme designed and delivered by DCU in conjunction with the Global eSchools and Communities Initiative (GeSCI) and supported by the African Union Commission and the Finnish Foreign Ministry. Tailored specifically to the professional development needs of Africa's future architects of the Knowledge Society in the fields of Education, Science, Technology and Innovation, and ICT policy-making and planning, the course strengthens career advancement opportunities, enhances policy implementation and planning skills and provides a leadership toolkit for the knowledge society.

MALAYSIAN EDUCATORS GRADUATE FROM DCUBS ENTREPRENEURSHIP PROGRAMME



SAN JOSE-DUBLIN POSTGRADUATE EXCHANGE SCHOLARSHIP

In October, the Lord Mayor of Dublin announced details of the US-based San José-Dublin Sister City new scholarship and exchange programme. The scholarship will provide Irish students with work experience at San José technology companies, academic training at San José State University and DCU, leading to an Industrial Master of Science and Engineering degree.

This is the first Masters level scholarship exchange of its kind among the Sister Cities International network. Speaking at the announcement, Tim Quigley, President of the San José-Dublin Sister City Program said that the scholarship series "will create a long-lasting and deeper relationship between San José and Dublin ... Students who join the exchange program will come to represent the cultural, academic and economic linkages that exist between our two great cities."

In February, ten Malaysian polytechnic lecturers graduated from the pilot of a unique Entrepreneurship Programme delivered by DCU Business School Centre for Executive Programmes at the request of the Malaysian Ministry for Higher Education. Mr Ciarán Cannon TD, Minister for Training & Skills and HE Ambassador Dato' Ramli Naam attended the special graduation ceremony on campus.

MAKING AN IMPACT





DCU HIGHLIGHTS THE ROLE OF UNIVERSITIES IN RESPONDING TO THE MULTI-FACETED OPPORTUNITIES AND CHALLENGES ASSOCIATED WITH AN AGEING POPULATION

In November, An Taoiseach, Enda Kenny TD, launched DCU's 'Age-Friendly University' initiative, the first of its kind in the world. Described by the Taoiseach as 'truly a pioneering initiative', DCU Age-Friendly University highlights the valuable role that universities can play in responding to the multi-faceted opportunities and challenges associated with an ageing population.

The initiative emerged from an internal DCU working group which set out to identify the distinctive contributions that can be made by higher education institutions in addressing the needs of older adults. As a result, a set of ten generic principles was established and a broad range of associated activities was initiated by the University, including:

- Intergenerational Learning programmes which encourage current students and older adults to learn together
- A suite of flexible academic programmes, some of which are offered online
- Research programmes focusing on issues of ageing (including a major EU project on Dementia)
- Fitness, health and wellness programmes including HeartSmart, BreatheSmart and DiabetesHealthSteps

- A 'Taste of DCU', which gives older adults the opportunity to experience university life for a day
- Encore, or second career programmes, which focus on career changes in later life, including entrepreneurial opportunities
- Cultural activities

DCU's 'Age-Friendly University Principles' are based on research evidence and consultation with older adults, representative groups and expert input. DCU will engage in regular dialogue with organisations representing the interests of the ageing population, and will ensure that its research and education agenda are informed by the needs of an ageing society.

As part of the University's commitment to being Age-Friendly, a full day-long programme, entitled Taste of DCU, took place in September, which was specifically designed to give older adults from the local community a taste of the range and breadth of courses and other activities offered by the University. The programme included DCU's Intergenerational Learning Programme, DCU Wellness Programmes, Drugs and Freedom, Study of Psychology, Fun with Physics, An Introduction to Terrorism and Political Violence, Online Learning with Oscail, Small Business Research, Becoming a University Student, Genealogy, Cognition and Ageing – what's healthy and what's not?, What is Cloud Computing?, Lifewriting and more. Participants were also given an opportunity to take a tour of BDI Research Laboratory and the Helix. The event drew a tremendously positive response from older adults in the local community and greater Dublin area with over 150 people participating.



VISIT BY PRESIDENT OF IRELAND, MICHAEL D HIGGINS

DCU welcomed the President of Ireland, Michael D Higgins to the University on two separate occasions this year. In June, President Higgins officially opened an international media and communications conference at DCU on the current economic crisis and how its 'creative destruction' affects geo-politics and communication. The conference was organised by the UNESCO-recognised International Association for Media & Communications Research, Crises, Creative Destruction and the Global Power and Communications Order and was attended by more than 1400 delegates from 88 countries.

In September, President Higgins delivered DCU's *Ethics for All* public lecture, speaking on the theme 'Toward an Ethical Economy'. The lecture was organised by DCU's Institute of Ethics in association with Mater Dei Institute of Education.

CODERDOJOGIRLS BOOTS UP AT DCU

DCU launched CoderDojoGirls, a new computer coding club aimed at sparking the interest of young girls in technology. Based on the model of CoderDojo, the global movement of free coding clubs for young people, CoderDojoGirls caters for the specific interests and motivations of girls, helping to build up their confidence and interest in the areas of science, technology, engineering and mathematics. Activities will focus on projects such as creating a pop band fan page, building pianos, or just having fun with social media, all under the guidance of female mentors. DCU CoderDojo mentors, Noel King and Niambh Scullion were inspired to develop this new learning-through-fun forum specifically for girls when they noticed the higher drop-out rate for girls from traditional CoderDojo groups.

DCU ALUMNI WALL 2013

This year the DCU Alumni Wall honoured the outstanding personal and professional achievements of 12 DCU graduates.

- Pat Burke, Partner, Grant Thornton (BA Accounting & Finance 1995)
- Regina Moran, Chief Executive Fujitsu Ireland (Master Business Administration 2000)
- Christine Barrett, Business Solutions Operations Director for EMEA and Gender Diversity Lead, Microsoft (BA International Marketing & Languages 1987)
- Brema Drohan, Managing Director, Nespresso UK and Ireland (BA International Marketing & Languages 1987)
- Margaret E Ward, Founder & Managing Director, Clear Ink (MA Journalism 1998)
- Ian Kehoe, Assistant Editor, Sunday Business Post (BA Journalism 2003, MA Journalism 2004)
- Tony Murphy, founding Director of Daon Group (BSc Applied Physics 1987)
- Garrett Forde, CEO & EVP Europe, Middle East & Africa, Philips Lighting (BSc Applied Physics 1988)
- Marian Corcoran, Accenture Head of Management Consulting in Ireland (BSc Biotechnology 1986)
- Greg Reilly, Vice President, Deutsche Bank Japan (BEng Electronic Engineering 1990)
- PJ Hough, Corporate Vice President for Program Management, Microsoft Office Division (BSc Computer Applications 1986)
- Dr Cathal Gurrin, DCU School of Computing (BSc Computer Applications 1997)

COMPUTE TY 2013 – SECONDARY SCHOOLS GET INVOLVED IN COMPUTING

School of Computing ran their successful ComputeTY programme for Transition year students. The programme has run very successfully for eight years now. This year the programme took place over a three week period with over 150 students attending each week. The overall content offers a broad range of computing skills from the creative aspect of website design to the problem solving challenges of the programming stream. Since its launch in 2005, ComputeTY has been completed by almost 3,500 Transition Year students from Dublin schools. The course enables students to develop practical computing skills and gain certification from DCU for their work. The initiative also aims to strengthen DCU's links with the local community by encouraging students who live close by, or on a bus route to, DCU to participate in the programme.

COOLEST PROJECTS IN THE COUNTRY

Young people, aged 8 -17 years, from all parts of Ireland came to DCU to showcase their cool and imaginative projects as part of the CoderDojo Coolest Projects Awards. An array of prizes, sponsored by longtime CoderDojo supporter, Intel, was awarded to all the winners and runners-up. The Coolest Project Awards, now in its second year, featured 60 projects, including four online from the USA, undertaken by young people as part of CoderDojo, the network of free coding clubs educating thousands of young Irish people about the fun and creativity of computer programming. The awards reward the creative side of programming, ranking entries using a 'cool' factor assessment criteria. Co-founder of CoderDojo, James Whelton celebrated his 21st birthday at the event and congratulated the children on their achievement.

SPORTING ACHIEVEMENTS



OCTOBER:

Four DCU students were named in the GAA/GPA All-Star Football Team 2012. PE & Biology students Michael Murphy, Paul Flynn and Aidan Walsh all made the final list in the Full Forward, Half Forward and Midfield positions. Michael captained Donegal this year to their first All-Ireland victory in twenty years while both Paul and Aidan turned in impressive performances for Dublin and Cork respectively. DCU Business School MBA student, Paul Durcan of Donegal also received an All-Star award in the Goalkeeper position.

NOVEMBER:

DCU graduate, Jamie Heaslip was selected to captain the Irish rugby team against South Africa - his first time to captain the national squad.

DECEMBER:

Five DCU students were awarded scholarship bursaries by Leinster GAA in recognition of their commitment to the promotion of Gaelic games within the University. Billy Wright (Wexford), Alan Coyne (Westmeath), Seamus Kelly (Carlow), Joshua Warde (Laois) and Lauren Farrell (Longford) were also recognised for the work they undertake at committee level.

DCU student, Davy Byrne, captained Ballymun Kickhams to their first ever senior Leinster Football crown.

JANUARY:

DCU graduate, Fionnuala Britton, claimed the 2013 Great Edinburgh Cross Country title

**FEBRUARY:**

DCU's Camogie team won the Purcell Cup

MARCH:

Student Eanna Bailey, won silver medal at the Modern Pentathlon 2013 World Cup



DCU Men's Senior Soccer team made a historic first appearance in the Colleges & Universities Football League Premier Division Final against Dublin Institute of Technology.

AUGUST:

DCU was strongly represented on the Dublin panel for the All-Ireland Senior Football Semi-final against Kerry in Croke Park. Students Jonny Cooper, James McCarthy, Bryan Cullen and Dean Rock battled alongside DCU graduates, Stephen Cluxton, Philly McMahon, Paul Flynn, Bernard Brogan and Kevin Nolan for a place in the All-Ireland Football Final.

SEPTEMBER:

DCU celebrated an All-Ireland three in a row. With Dublin's win in the All Ireland Senior Football Finals, DCU graduate Stephen Cluxton became the third DCU student or graduate in three years to raise the Sam Maguire Cup as captain. Last year, DCU student, Michael Murphy, captained Donegal to victory and, in 2011, Bryan Cullen, another DCU student, led Dublin to victory.

DCU staff and students celebrated a unique hat-trick for the University.

Eleven DCU students and graduates took centre stage in the TG4 All Ireland Ladies Championship Finals at Croke Park. First up in the Ladies Junior Final was DCU student, Kate Caulfield in the Offaly v Wexford Ladies Junior Final. The Intermediate Final featured students, Sinead Greene and Lorraine O'Shea for Cavan and Tipperary respectively. Sinead was joined by graduates Donna English, Roisin O'Keefe, Clara O'Reilly and Bronagh Sheridan on the Cavan team. In the Ladies Senior Football Final, student, Laura McEnaney, toggled out for Monaghan alongside DCU graduates, Ellen McCarron, Aoife McAnespie and Ciara McAnespie. Helping out in the backroom team were be John Downey, DCU student and member of the DCU Sigerson Cup management team.



SPORTS CENTRE OF THE YEAR

DCU Sport was awarded 'Sports Centre of the Year' by Excellence Ireland Quality Association (EIQA). DCU Sport held off strong competition from many sports and leisure facilities throughout the country, including the National Aquatic Centre, to re-capture the title it had previously won in 2009 and 2010. This award celebrates the drive, commitment and achievements of the DCU Sport team in delivering a quality facility and service provision.





UNIVERSITY OVERVIEW



GOVERNANCE AND LEADERSHIP

DCU GOVERNING AUTHORITY

Chancellor

Dr Martin McAleese

Chief Officer

Professor Brian MacCraith, *President*

Senior Officers

Professor Eithne Guilfoyle, *Vice President Academic Affairs/ Registrar*

Dr Declan Raftery, *Chief Operations Officer*

Professors/Assoc. Professors

Professor Gary Murphy, *Office of the Vice President for Research*

Professor Fiona Regan, *Chemical Sciences*

Other Academic Staff

Dr Caroline McMullan, *DCU Business School*

Dr Noel Murphy, *Electronic Engineering*

Dr Shirley Coyle, *CLARITY*

Non-Academic Staff

Mr Paul Smith, *Director of Equality*

Ms Phylomena McMorrow, *Director of Registry*

Student Representatives

Mr Paul Doherty, *President, Students' Union*

Mr Aaron Clogher, *Vice President for Education, Students' Union*

Mr Ciaran O'Connor, *Vice President for Education, Students' Union (from June 2013)*

Employers, Trade Unions, etc.

Dr Regina Moran, *Managing Director, Fujitsu Ireland*

Mr John Tierney, *Dublin City Manager*

Ms Margaret Sweeney, *Council Member, Dublin Chamber of Commerce*

Ministerial nominees

Dr Sean Farren, *University of Ulster*

Ms Mairead Dunne, *Enterprise Ireland*

Ms Gary Joyce, *Genesis Ireland*

Artistic, Cultural interest

Ms Orlaith McBride, *Director of the Arts Council/ An Chomhairle Ealaíon*

Dr Dermot Egan, *Former Chair, National Concert Hall*

Alumni Council Representative

Mr James Corcoran, *Financial Consultant*

Nominee of Local Authority

Cllr Ciaran Byrne, *Fingal County Council*

DCU Educational Trust Nominee

Mr Pdraig McKeon, *Managing Director, Drury Communications*

Linkage Agreement with

St Patrick's College, Drumcondra

Dr Daire Keogh, *President, St Patrick's College*

Ms Paula Melvin, *Oifigeach na Gaeilge, St Patrick's College*

Dr Ciaran MacMurchaidh, *Dean of Research and Humanities, St Patrick's College*

Mr Thomas McCormack, *President, St Patrick's College, Students Union*

Linkage Agreement with Mater Dei Institute of Education

Dr Dermot Lane, *President, Mater Dei Institute of Education*

Linkage Agreement with All Hallows College

Dr Patrick McDevitt, *President, All Hallows College*

DCU SENIOR MANAGEMENT GROUP

President

Professor Brian MacCraith

Deputy President

Mr Jim Dowling

Vice President for Research and Innovation

Professor Alan Harvey

Chief Operations Officer

Dr Declan Raftery

Director of Finance

Mr Ciaran McGivern

Director of Human Resources

Ms Marian Burns

Dean of DCU Business School

Dr Anne Sinnott

Dean, Faculty of Science and Health

Professor John Costello

Dean, Faculty of Humanities and Social Sciences

Dr John Doyle

Dean, Faculty of Engineering and Computing

Professor Barry McMullin

Executive Director for External and Strategic Affairs

Mr Ciaran O'Cuinn

Governing Authority Member	Attendance Record
Dr. Martin McAleese	7/7
Professor. Brian MacCraith	7/7
Cllr. Ciaran Byrne	4/7
Mr. Aaron Clogher	6/7
Mr. James Corcoran	1/7
Ms. Shirley Coyle	7/7
Mr. Paul Doherty	4/5
Ms. Mairead Dunne	3/7
Mr. Dermot Egan	6/7
Prof. Sean Farren	5/7
Prof. Eithne Guilfoyle	4/6
Ms. Gary Joyce	4/7
Dr. Daire Keogh	3/5
Dr. Dermot Lane (Retired Dec 2012)	2/2
Ms. Orlaith McBride	3/7
Mr. Thomas McCormack	1/5
Dr. Patrick McDevitt	4/7
Dr. Andrew McGrady	5/5
Mr. Pdraig McKeon	7/7
Ms. Phylomena McMorrow	6/7
Dr. Caroline McMullan	6/7
Ms. Paula Melvin	1/2
Ms. Regina Moran	4/7
Prof. Gary Murphy	7/7
Mr. Ciaran MacMurchaidh	5/7
Dr. Noel Murphy	7/7
Mr. Ciaran O'Connor	2/2
Dr. Declan Raftery	7/7
Ms. Fiona Regan	6/7
Mr. Paul Smith	5/7
Ms. Margaret Sweeney	7/7
Mr John Tierney	1/3

UNIVERSITY FINANCIAL REPORT

INCOME AND EXPENDITURE ACCOUNT FOR YEAR ENDED 30 SEPTEMBER 2013

	2013 Euro '000	2012 Euro '000
INCOME		
State Grants	25,729	29,397
Student Fees	57,878	54,759
Other Income	3,935	4,554
	<u>87,542</u>	<u>88,710</u>
St. Patricks College, Drumcondra	18,453	17,010
Mater Dei Institute of Education	2,846	3,180
Irish Universities Quality Board	-	245
Research Grants and Projects	42,833	44,045
	<u>64,132</u>	<u>64,480</u>
Total Income	<u>151,674</u>	<u>153,190</u>
EXPENDITURE		
Academic Faculties and Departments	51,147	51,924
Academic and Other Services	5,579	5,588
Premises	7,846	7,549
Amount Allocated for Capital Purposes	1,865	1,596
Central Administration and Services	10,049	9,523
General Educational Expenditure	771	555
Student Services	5,075	4,609
Miscellaneous Expenditure	5,207	7,357
	<u>87,539</u>	<u>88,701</u>
St. Patricks College, Drumcondra	18,453	17,010
Mater Dei Institute of Education	2,846	3,180
Irish Universities Quality Board	-	245
Research Grants and Projects	42,833	44,045
	<u>64,132</u>	<u>64,480</u>
Total Expenditure	<u>151,671</u>	<u>153,181</u>
Surplus on Activities before Amortisation of Capital Reserves and Grants and Depreciation of Fixed Assets	3	9
Depreciation of Fixed Assets	(8,351)	(10,382)
General Reserve movement	8,351	10,382
Surplus for the year	<u>3</u>	<u>9</u>

BALANCE SHEET AS AT 30 SEPTEMBER 2013

	2013	2012
	Euro '000	Euro '000
FIXED ASSETS	<u>249,587</u>	<u>253,338</u>
INVESTMENTS	<u>23,524</u>	<u>23,524</u>
CURRENT ASSETS		
Cash on hand and at bank	22,928	16,269
Debtors and Prepayments	30,609	33,304
Stocks	<u>166</u>	<u>166</u>
	<u>53,703</u>	<u>49,739</u>
Less: CURRENT LIABILITIES		
Creditors and Accrued Expenditure	91,211	84,918
Bank Overdraft	<u>-</u>	<u>178</u>
	<u>91,211</u>	<u>85,096</u>
NET CURRENT LIABILITIES	<u>(37,508)</u>	<u>(35,357)</u>
LONG TERM LIABILITIES		
Creditors due after one year	<u>688</u>	<u>796</u>
	<u>234,915</u>	<u>240,709</u>
REPRESENTED BY:		
General Reserve	209,288	215,085
Restricted Reserve	25,291	25,291
Revenue Reserve	<u>336</u>	<u>333</u>
	<u>234,915</u>	<u>240,709</u>

STUDENT NUMBERS

By Qualification Type			
	Full-time	Part-time	Total
Undergraduate	7288	450	7738
Postgraduate Taught	729	1043	1772
Postgraduate Research	544	205	749
Non Award Visitors	297	115	412
Total	8858	1813	10,671
Exchange	231		

*DCU students registered on 1st March, 2013. Excludes DCU Distance Education and Royal Irish Academy of Music students registered with DCU. Incoming exchange students reported separately.

By Faculty			
Faculty	Full-time	Part-time	Total
DCU Business School	2087	613	2700
DCUBS/HSS	281		281
Engineering & Computing	1480	175	1655
Humanities & Social Sciences	1991	473	2465
Science & Health	2947	508	3455
Non Award Visitors	72	43	115
Total	8179	1962	10,671

*DCU students registered on 1st March, 2013. Excludes DCU Distance Education, Exchange Students and Royal Irish Academy of Music students registered with DCU.

Distance Education (Oscail) Students	
	Number
Postgraduate	105
Undergraduate	814
Total	919

*DCU students registered on Oscail Distance Education Programmes on 1st March, 2013.

By Gender				
Gender	Full-time	Part-time	Oscail	Total
Male	4462	970	420	5852
Female	4396	843	499	5783
Total	8858	1813	919	11590

*DCU students registered on 1st March, 2013. Excludes incoming Exchange Students and Royal Irish Academy of Music students registered with DCU.

CAMPUS DEVELOPMENTS

NEW COMMUNITY KNOWLEDGE EXCHANGE SERVICE

DCU in the Community launched the new Community Knowledge Exchange service. This initiative offers to match community and voluntary organisations with DCU researchers to investigate topics of important social and community interest free of charge. The event was attended by a range of community organisations including Sports Across Ireland, Ballymun Women's Resource Centre, Ballymun Job Centre, Ballymun Regional Youth Resource, youngballymun and CAFTA.

DCU in the Community will support community organisations to formulate their issues as topics for research by students under academic supervision. The University has appointed a community knowledge broker, Brian Trench, to identify potential supervisors and facilitate dialogue between them and the external group.

DCU COMMUNITY GARDEN

This year as part of the University's Green Campus initiative, the President, Professor Brian MacCraith, along with the DCU Student Union President Mr. Paul Doherty, launched the DCU Community Garden. The garden is an open, all-inclusive area that can be utilised by staff, students and the community for a wide range of purposes - teaching, research, education, training, community engagement and, of course, recreation. Speaking at the launch, Professor MacCraith said, "This DCU community initiative which marks another step in our campaign toward a more sustainable campus for DCU and will hopefully lead to a Green Flag award from An Taisce. This garden will provide a new environment and platform for enhanced engagement across the entire DCU community."

ROSE BOWL SCULPTURE UNVEILED

In November, the Kenyan Ambassador, Catherine Muigai Mwangi, visited DCU for the unveiling of the new Rose Bowl sculpture which was donated to DCU by the Rose Project. The Rose Bowl was commissioned in honour of Rose Atieno, a 32 year old Kenyan woman who is estimated to have been the 40th millionth person to have lost her life to AIDS. The Rose Project is an Irish humanitarian organisation which has funded innovative locally-led health programmes in Kenya and Malawi over the last ten years.



Her Excellency Ambassador of Kenya, at the unveiling of the Rose Bowl Sculpture

DCU CLIMBS IN WORLD TOP 50 YOUNG UNIVERSITIES RANKINGS

Dublin City University once again ranks among the World's top 50 universities in a new league table of the world's young universities (less than 50 years old). The only university on the island of Ireland to be featured, DCU rose from 46th to 40th place in the influential QS World University Rankings which list the next generation of leading universities, all established since 1963.

Universities are scored on academic reputation, employer reputation, faculty-student ratio, publications per faculty, citations per paper, the proportion of international faculty and international students, inbound exchange students and outbound exchange students.

YEAR AT
A GLANCE



OCTOBER

DCU awards Honorary Doctor of Philosophy to Brother Colm O'Connell

DCU's Raising and Giving Society are the first team to represent Ireland at the ENACTUS World Cup

Students' Union launches its Mental Health Week campaign

NOVEMBER

DCU's 'Age-Friendly University' initiative is launched by An Taoiseach, Enda Kenny TD.

DCU awards Honorary Doctor of Philosophy to Dr John E Kelly III, Senior Vice President and Director of IBM Research

Cloud Computing Centre is launched at DCU

DCU signs Memorandum of Understanding with Beijing University

GoGreen – GoCar – a new alternative green travel option for staff and students arrives on campus

DECEMBER

US Secretary of State, Hillary Rodham Clinton launches DCU's Institute for International Conflict Resolution and Reconstruction

Lord Mayor Naoise Ó Muirí launches DCU "Sli na Slainte", a health promotion initiative by the Irish Heart foundation designed to encourage people to get walking

JANUARY

Cleantech Innovation Campus is launched

Professor Michael Ryan appointed as an Emeritus Professor in the School of Computing

FEBRUARY

Academic Scholarship Awards are presented to 92 students, from all over Ireland, who achieved more than 500 CAO points at Leaving Certificate or equivalent

USTART Student and Alumni Business Start-Up Programme is announced

All Ireland Programming Olympiad Competition 2013 takes place in DCU

Professor Brian MacCraith, delivers the first address in the Seamus Heaney Lecture Series 2013, 'Imagining the Future', at St Patrick's College, Drumcondra

DCUBS student, Sinead Foy receives the LePere Award from the Marketing Society of Ireland

MARCH

DCU Community Garden is launched

DCU signs Memorandum of Understanding with Shantou University, China

Dr Iain McMenamin's book 'If Money Talks, What Does It Say? Corruption and Business Financing of Political Parties' is launched

The Fidelio Trio, artists-in-residence at St Patrick's College, Drumcondra, perform at The Helix, DCU

DCU awarded change maker campus designation by Ashoka U

APRIL

DCU signs Memorandum of Understanding with Educate Together

SFI announces c. €50m research funding for new INSIGHT Centre for Data Analytics.

DCU launches fast-track Patent Licence Scheme

Professor Michael Cronin, SALIS, launches new book – Translation in the Digital Age

MAY

5th year anniversary for DCU's flagship initiative, the Intergenerational Learning Programme

Disaster Bioethics meeting hosted by DCU

CLARITY, in conjunction with visual artists Cleary and Connolly, present art exhibit "Look Both Ways" – a unique art/science collaboration – at the European Council in Brussels

DCU students win the Enactus Ireland, the national social enterprise competition

JUNE

DCU awards Honorary Doctor of Philosophy to Brian O'Dwyer and John Fitzpatrick

President Michael D Higgins attends the International Media and Communications conference at DCU

Professor Alan Smeaton admitted to Royal Irish Academy in honour of his world-class contribution to science

JULY

180 future leaders from sub-Saharan African countries graduate with a Graduate Diploma in Leadership Development in ICT and the Knowledge Society

New journal, "International Journal of Supply Chain and Operations Resilience", launched by DCU Business School researchers in collaboration with University of Derby, UK and the National Polytechnic Institute of Mexico

DCU signs Memorandum of Understanding with Indian Council for Cultural Relations

Dr Claire Gubbins, DCU Business School, is awarded a Fulbright Scholarship

AUGUST

DCU players feature strongly on Dublin panel for All-Ireland Senior Football Semi-final against Kerry

SEPTEMBER

President Michael D Higgins delivers DCU's 'Ethics for All' public lecture

DCU@PNU welcomes the first intake of students

DCU signs Higher Education Partnership agreement with Arizona State University

Class of '08, '03, '98, '93, '88 and '83 return to campus for an Alumni Reunion in the Helix

CoderDojo Coolest Projects Awards ceremony takes place in DCU

DCU students compete for Enactus World Cup in Mexico

The first 3U Pathways Programme Graduation takes place



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