Vision

By 2017, DCU will be recognised internationally as a research intensive, globally-engaged University of Enterprise that is distinguished both by the quality and impact of its graduates and its focus on the translation of knowledge into societal and economic benefit.

Mission

To transform lives and societies through education, research and innovation

• by developing creative, analytical, enterprising and socially-responsible citizens

• by creating and translating knowledge to address major global challenges

• by leading public debate and providing critical analysis on areas of societal importance and

• by engaging with enterprise for the benefit of our students, our region and the wider economy

Values

• We are committed to excellence in education, research and innovation

• We provide a student-centric, supportive learning environment

• We recognise that our achievements are built on the expertise and commitment of our staff

• We encourage social inclusion and diversity

• We are committed to making a positive impact on our local, national and global communities

• We are ethical, accountable and transparent in our operations.

Transforming Lives and Societies, 2012-2017
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UNIVERSITY FINANCIAL REPORTS ................................................................................................................ 34
It is my pleasure to introduce the 2011/12 Annual Report to you. This year has been a tremendously busy one for DCU, despite a difficult and challenging economic environment. At a global level, the combination of budgetary constraints and technological developments in the delivery of education is disrupting traditional models of education. At a national level, the active implementation of the Government’s National Strategy for Higher Education to 2030 (Hunt Report) is leading to significant changes in the landscape of Higher Education and substantial reform of the system itself. Shrinking budgets combined with growing student numbers are making it increasingly difficult to maintain the quality of education that has served our graduates so well in the past. The challenges of the present require a new creativity and a persistent innovative attitude in order for us to succeed. It is against this backdrop that, this year, I introduced my first Strategic Plan as President of DCU.

Transforming Lives and Societies, 2012-2017 is DCU’s ambitious five-year rolling strategy. Launched at a time of unprecedented challenges, this Strategic Plan is infused with ambition and confidence, reflecting DCU’s dynamism, entrepreneurial spirit and innovation. DCU’s mission is “To transform lives and societies through education, research and innovation” and we will do this by developing creative, analytical, enterprising and socially-responsible citizens, by creating and translating knowledge to address major global challenges, by leading public debate and providing critical analysis on areas of societal importance, and by engaging with enterprise for the benefit of our students, our region and the wider economy. Transforming Lives and Societies is developed around the four core principles of Transformation, Translation, Enterprise and Engagement, which collectively underpin the mission, vision and values of DCU.

This year we were delighted to be ranked among the world’s top 50 young universities. The only Irish university to be featured, 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.

In June, An Taoiseach, Enda Kenny T.D., launched the 3U Partnership, which is a major collaborative framework involving DCU, the National University of Ireland, Maynooth and the Royal College of Surgeons in Ireland. The 3U Partnership is driven by a shared belief in the potential for developing synergistic, joint initiatives spanning academic programmes, research, education and internationalisation. The 3U Partnership also offers significant potential to DCU, NUIM and RCSI in terms of their engagement with their shared region, including Ireland’s so-called Eastern Corridor.

In another important partnership development, DCU signed a Memorandum of Understanding with Dundalk Institute of Technology in July 2012. The signing, which took place in the Oldbridge Estate in Drogheda, signifies the first step in building a strategic alliance between our two institutions that will involve joint approaches to academic programme development, research, enterprise support and internationalisation.

The number of CAO applicants choosing DCU as their first option was up this year, across DCU’s four Faculties. The number of first preference applications to DCU Business School’s B.Sc. in Marketing, Innovation & Technology programme has seen a three-fold increase over the last three years. In the Faculty of Engineering and Computing, applications for the B.Sc. in Computer Applications increased by 33% in the last year and by over 70% since 2010. Likewise, the Faculty of Humanities and Social Sciences, has seen growth trends continue with increased numbers of first preference applications to a number of programmes including the B.A. in International Relations, B.A. in Languages for International Communication, B.A. in Economics Politics and Law, and B.A. in Contemporary Culture and Society.

This year we welcomed a number of high profile visitors to DCU, including President Michael D Higgins, whom we were honoured to welcome during his first week in office as President of Ireland. Another welcome visitor was Dr William Phillips, Nobel Prize Winner in Physics 1997, who delivered DCU’s Nobel Laureate Lecture 2012 to a full house in the Mahony Hall of the Helix.

It was with enormous pride that DCU celebrated two significant anniversaries this year, namely the 10th anniversary of Invent and the 21st anniversary of the DCU Access Service. Staff and students alike were delighted to share in the celebrations to mark the achievements of these two vital elements of the DCU community, both of which have stepped up to the challenge of charting a course to recovery through higher education initiatives and innovations.

I wish to pay tribute to our outstanding staff and students whose hard work, commitment and innovative spirit has contributed so greatly to the many significant achievements of the last year. On behalf of the DCU community, I would also like to express our gratitude to our supporters, trustees, alumni and friends, who play a key role in enabling the University to deliver on its vision to be recognised internationally as a research intensive, globally-engaged University of Enterprise.

Sri Dheeran

## DCU GOVERNING AUTHORITY MEMBERSHIP

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Position and University</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chancellor</td>
<td>Mr David Byrne</td>
<td>Former EU Commissioner and Attorney General</td>
<td></td>
</tr>
<tr>
<td>Chief Officer</td>
<td>Professor Brian MacCraith</td>
<td>President, DCU from 14 July 2010</td>
<td></td>
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<tr>
<td>Senior Officers</td>
<td>Professor Anne Scott</td>
<td>Deputy President / Registrar, DCU</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mr Martin Conry</td>
<td>Secretary, DCU</td>
<td></td>
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<tr>
<td>Professors/Assoc. Professors</td>
<td>Professor Heather Ruskin</td>
<td>School of Computing, DCU</td>
<td></td>
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<tr>
<td></td>
<td>Professor Paul Whelan</td>
<td>School of Electronic Engineering, DCU</td>
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<tr>
<td>Other Academic Staff</td>
<td>Mr William Kelly</td>
<td>Lecturer</td>
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<tr>
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<td></td>
<td>Dublin City University Business School</td>
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<tr>
<td></td>
<td></td>
<td>2 Vacant</td>
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<tr>
<td>Non-Academic Staff</td>
<td>Mr Paul Smith</td>
<td>Director of Equality, DCU</td>
<td></td>
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<tr>
<td>Student Representatives</td>
<td>Ms Megan O’Riordan</td>
<td>President</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Students’ Union, DCU</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mr Cillian Byrne</td>
<td>Deputy President / Education and Welfare Officer, DCU Students’ Union, DCU</td>
<td></td>
</tr>
<tr>
<td>Postgraduate Student</td>
<td>Mr Joe Brennan</td>
<td>School of Communications, DCU</td>
<td></td>
</tr>
<tr>
<td>Employers, Trade Unions, etc.</td>
<td>Ms Margaret Sweeney</td>
<td>Chief Executive</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>An Post Fortis</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Vacant</td>
<td></td>
</tr>
</tbody>
</table>
Ministerial nominees:

An T-Uasal Dáithí Ó Broin
Deputy Principal, Ard Scoil Ris

Mr Aidan J Kerins
European Commercial Director
(Manufacturing & Life Sciences)
Fluor Corporation

Mrs Lil Sheehy
Nurse

Artistic, Cultural interest:

Ms Orlaith McBride
Director, NAYD

Graduates:

Mr James Corcoran

Nominee of Local Authority:

Councillor Ciaran Byrne
Fingal County Council

Nominees of DCU Educational Trust:

Ms Ann Horan
Business Consultant

Linkage Agreement with St Patrick’s College:

Dr Pauric Travers
President, St Patrick’s College

Ms Pauline Flanagan
President, Students’ Union
St Patrick’s College

Dr Ciaran Mac Murchaídh
Department of English
St Patrick’s College

Linkage Agreement with Mater Dei Institute of Education:

Dr Dermot Lane
President, Mater Dei Institute of Education

Linkage Agreement with All Hallows College:

Fr Mark Noonan
President, All Hallows College
KEY APPOINTMENTS AND STATISTICS

Deputy President
Mr Jim Dowling was appointed Deputy President. Jim joined Dublin City University (formally NIHE Dublin) in 1983. Prior to his appointment he served as the Executive Dean, Faculty of Engineering and Computing (2008 until 2012) and as Head of the School of Electronic Engineering (2001-2007).

Dean of Graduate Studies
Dr Lisa Looney from the School of Mechanical and Manufacturing Engineering was appointed as the University’s first Dean of Graduate Studies in October 2011 when the role, and the Graduate Studies Office under the Dean’s direction, was established.

Vice President for Academic Affairs (Registrar)
Professor Eithne Guilfoyle was appointed Vice President for Academic Affairs (Registrar) in September. Before this appointment Prof. Guilfoyle served as Executive Dean, Faculty of Humanities and Social Sciences (2004 to 2011).

Chief Operations Officer
In August 2012, Dr Declan Raftery was appointed Chief Operations Officer. Declan joined DCU in 1997 as Business Development Manager for the Biomedical and Environmental Sensor Technology Research Centre. In 1999, he was appointed Manager of the National Centre for Sensor Research and from 2003 he served as Director of Research Services.

Vice President of Research and Innovation
Professor Alan Harvey joined DCU this year from the University of Strathclyde, Glasgow where he was Vice-Dean (Research) in the Faculty of Science and a professor of pharmacology. Previously, Professor Harvey was Director of the Strathclyde Institute for Drug Research.

Director of Communications and Marketing
In October 2011, Teresa Murray joined DCU as Director of Communications & Marketing. Teresa previously worked with Diageo, Eircom and as Head of Marketing and Publicity with TV3.
Student population: 11,340
Alumni: 43,000
International Students: approximately 2000 from 114 countries
Percentage non-traditional: 30% undergraduate student body are non-traditional (mature, Access, disability, distance learners).
PhD numbers: 4-fold increase in DCU’s PhD student numbers in the ten-year period to 2012.

STUDENT NUMBERS 2011/12 - Students registered on 1st March, 2012

Students by Qualification Type

<table>
<thead>
<tr>
<th>Qualification Type</th>
<th>Full-time</th>
<th>Part-time</th>
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<tr>
<td>Undergraduate</td>
<td>6864</td>
<td>405</td>
<td>7269</td>
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<td>Postgraduate Taught</td>
<td>692</td>
<td>1152</td>
<td>1844</td>
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<tr>
<td>Postgraduate Research</td>
<td>582</td>
<td>184</td>
<td>766</td>
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<td>Non Award Visitors</td>
<td>172</td>
<td>213</td>
<td>385</td>
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<td>Total</td>
<td>8310</td>
<td>1955</td>
<td>10,265</td>
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</table>

Exchange: 213

*Does not include DCU Distance Education, Royal Irish Academy of Music students with DCU.

Students by Faculty

<table>
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<tr>
<th>Faculty</th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
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<tr>
<td>DCU Business School</td>
<td>1885</td>
<td>422</td>
<td>2307</td>
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<tr>
<td>DCUBS/HSS</td>
<td>301</td>
<td></td>
<td>301</td>
</tr>
<tr>
<td>Engineering &amp; Computing</td>
<td>1333</td>
<td>207</td>
<td>1540</td>
</tr>
<tr>
<td>Humanities &amp; Social Sciences</td>
<td>1887</td>
<td>553</td>
<td>2440</td>
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<tr>
<td>Science &amp; Health</td>
<td>2865</td>
<td>518</td>
<td>3383</td>
</tr>
<tr>
<td>Non Award Visitors</td>
<td>39</td>
<td>255</td>
<td>294</td>
</tr>
<tr>
<td>Total</td>
<td>8310</td>
<td>1955</td>
<td>10,265</td>
</tr>
</tbody>
</table>

*Does not include DCU Distance Education, Royal Irish Academy of Music students registered with DCU or exchange students.

Distance Education (Oscail) Students

<table>
<thead>
<tr>
<th>Number</th>
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<tbody>
<tr>
<td>Postgraduate</td>
</tr>
<tr>
<td>Undergraduate</td>
</tr>
<tr>
<td>Total</td>
</tr>
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</table>

Students by Gender

<table>
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<tr>
<th>Gender</th>
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<th>Part-time</th>
<th>Oscail</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>4269</td>
<td>1046</td>
<td>372</td>
<td>5687</td>
</tr>
<tr>
<td>Female</td>
<td>4041</td>
<td>909</td>
<td>482</td>
<td>5432</td>
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<tr>
<td>Total</td>
<td>8310</td>
<td>1955</td>
<td>854</td>
<td>11,119</td>
</tr>
</tbody>
</table>

*Excludes incoming Exchange Students or Royal Irish Academy of Music students registered with DCU.
THE YEAR AT A GLANCE

October 2011

School of Nursing and Human Sciences co-hosts symposium on ‘The Global Health Workforce: Pathways to Health’ in collaboration with the Irish Forum for Global Health, the Royal College of Surgeons in Ireland and Irish Aid.

DCU hosts over a hundred students from all over Ireland at “Research in the Real World”, the Dublin Regional Higher Education Alliance’s second Annual Undergraduate Research Conference.

DCU welcomes a delegation of Irish American Technology Leaders and Investors from Silicon Valley, California.

Guest lecturers included Noel Curran, the Director General of RTÉ and a DCU alumnus, and Willie Walsh, Chief Executive of International Airlines Group.

November 2011

President Michael D Higgins pays his first visit to DCU as President of Ireland.

ainm.ie, a new Irish-language biographies website, is launched by Minister of State, Department of Arts, Heritage and the Gaeltacht, Mr. Dinny McGinley TD.

MESTECH, Marine and Environmental Sensing Technology Hub, hosts “Our Environmental Economy: Challenges and opportunities, global and local perspectives.”

DCU Students’ Union run a ‘Please Talk’ Campaign, an initiative aimed at safeguarding the mental health of students in Irish schools and universities.

Over 2,500 students graduate from DCU.

Oscail’s first alumni reunion event takes place.

DCU Iolite Gala, hosted by the DCU Educational Trust, celebrates 21 years of Access.

December 2011

Professor Tom Schuller, Director of Longview, UK, delivers keynote address at DCU seminar on Age and Ageing in Higher Education: Exploring the Benefits and Costs of Higher Education Distribution over the Lifecourse.

RIA Hamilton Award presented to B.Sc. in Applicable Mathematics 4th year student, Ben Quigley.

Inaugural DAA Aviation Management prize awarded to B.Sc. in Aviation Management with Pilot Studies students.

More than 50 footballers and athletes, including European Cross Country Champion Fionnuala Britton and Olympic Marathon qualifier Linda Byrne, take part in the Santa Dash around campus to raise funds in aid of the Fr. Peter McVerry Trust and the Arusha Appeal.

February 2012

Campus Residences Ltd wins the Irish Accommodation Institute Gold Award for excellence in Accommodation Services Standards.

Over 400 second level students from around Ireland attend ‘ComputeTY 2012’ at the School of Computing.

PROJECT FUTSAL (Football used towards Social Advancement and Learning) launched at the Ballymun Civic Centre. A joint initiative between the Football Association of Ireland and the Welsh Football Trust, FUTSAL aims to provide education and work opportunities for people in disadvantaged areas and to assist community regeneration, via employment and volunteering in the field of sport.

DCU Students’ Union and drinkaware.ie team up to encourage students to ‘rethink their drinking’ as part of DCU Alcohol Awareness Week 2012.

March 2012


Minister of State for European Affairs, Lucinda Creighton T.D. launches EUJOBS.IE, designed to encourage Irish students to consider working in the EU after they graduate.

DCU launches its Green Flag initiative.

DCU Library’s Media History Collection is launched by the President, Professor Brian MacCraith, and Dr John Bowman, broadcaster and author.

Faculty of Engineering and Computing hosts over 300 school students, aged 10 – 14, as part of Engineers’ Week.

Dr Joe O’Hara, Head, School of Education Studies, is appointed to the Teaching Council.
March 2012 cont.

Annual Service of Remembrance and presentation of Memorial Scholarships event takes place and fourteen memorial scholarships are awarded in memory of past DCU students, graduates and business leaders.

Professor Anthony Staines, School of Nursing and Human Sciences, appointed to Board of HEA.

6th International Science Hack Day is held in DCU.

April 2012

Presentation, by the President, Professor Brian MacCraith, and former President, Dr Daniel O’Hare, to the 16 research students who have been awarded a Daniel O’Hare Research Scholarship since its introduction in 2010/11.

Mary Davis, President and Managing Director of Special Olympics Europe/Eurasia is guest speaker as part of the Women’s Innovation Network (WIN@DCU) Speaker Series.

DCU hosts ‘Get Digital: The National Conference on Cloud Computing and Commerce’ at The Helix, as part of Microsoft Ireland’s National Cloud Week.

School of Languages and Intercultural Studies hosts Ireland’s first Pocket Cinema Festival.

CoderDojo@DCU is launched in DCU with the Minister for Training & Skills, Ciarán Cannon T.D. in attendance.

May 2012

DCU is ranked in the QS ‘Top 50 under 50’ universities worldwide.


CLARITY: Centre for Sensor Web Technologies, at DCU hosts an international workshop on Image Analysis for Multimedia Interactive Services.

DCU Ryan Academy for Entrepreneurship partners with Business Training Solutions Ireland to deliver its internationally-recognised, ECTS-accredited, Graduate Diploma in Sales Coaching and Diploma in Professional Selling.

June 2012

3U Partnership is launched by An Taoiseach Enda Kenny T.D.

Ireland India Institute is launched by Mr. Ruairi Quinn, T.D. Minister for Education and Skills.

Professor Anne Scott, Deputy President/Registrar, is named as one of Ireland’s Top 25 Most Powerful Women by the Women’s Executive Network.

July 2012

DCU signs Memorandum of Understanding with Dundalk Institute of Technology.

DCU hosts the 2012 China Ireland Information & Communications Technology symposium, ICT & Energy Efficiency.

August 2012

Taoiseach, Enda Kenny, T.D., visits DCU to meet young students taking part in CTYI summer programme.

September 2012

Minister for Education & Skills, Mr Ruairí Quinn T.D. launches DCU’s new Strategic Plan Transforming Lives and Societies, 2012-2017.

DCU’s MA in Comparative Literature is offered online.

DCU Ryan Academy for Entrepreneurship launches the third phase of its Propeller Venture Accelerator programme for early-stage technology start-ups.
We aim to transform the lives of our students by providing an excellent learning experience combined with a particular focus on their personal development. Success for us is enabling all our students to realise their personal potential and to achieve their professional ambitions."

*Transforming Lives and Societies, 2012-2017*
CELEBRATING 21ST ANNIVERSARY OF DCU ACCESS SERVICE

This year the DCU Access Service celebrated its 21st anniversary. When DCU Access was established in 1990 it had just six students. By 2011, this number had grown to 500 students. To mark the occasion DCU held a Festival of Learning, which included guest speakers; Mary Liz Trant, National Access Office, John Lyons, TD, Matt Cooper, Today FM broadcaster and Presidential candidate, Mary Davis. The annual 'Achievement Awards' were held, as part of the celebration. This year a total of 385 students were nominated by their teachers and guidance counsellors under five nomination categories - Academic, Sport, Arts and Culture, Community Spirit and Special Nomination.

PRESIDENT’S AWARDS FOR EXCELLENCE IN TEACHING

The President’s Awards for Excellence in Teaching were presented for academic support, new lecturers/tutors, academic staff, as well as two special awards made for distinctive teaching approaches and distinctive approaches to assessment and feedback. This year’s awards were presented to:

• Dr Derek Molloy, School of Electronic Engineering (Academic Staff & Overall Excellence in Teaching)
• Dr Jean Cushen, DCU Business School (New Lecturer/Tutor)
• Mr. Vincent Hooper, School of Chemical Sciences (Academic Support Staff)

AN TAOISEACH, ENDA KENNY T.D., LAUNCHED THE 3U PARTNERSHIP, A MAJOR COLLABORATIVE FRAMEWORK INVOLVING DCU, NATIONAL UNIVERSITY OF IRELAND, MAYNOOTH AND THE ROYAL COLLEGE OF SURGEONS IN IRELAND.

THE 3U PARTNERSHIP WILL SEE

• The establishment of 3U Biomedical Research to harness the talents of over 750 researchers across the three institutions to develop leading-edge research in areas like cancer, diabetes and neurology. Working with industry, 3U Biomedical Research is dedicated to bringing research solutions for human disease to the market more efficiently.

• Significant growth in international student numbers for the Greater Dublin region. A joint International Foundation and Induction Programme for all incoming students will be developed and a number of measures to enhance the academic, cultural and social experience of international students will be announced.

• The introduction of new national and international study programmes, particularly at postgraduate level, which combine the particular strengths of each institution and will see students moving between campuses over the course of their work. New programmes being developed include Masters Degrees in Healthcare Technology, Humanitarian Logistics & Emergency Management and Global Health.

• Developments in education of Science, Technology, Engineering and Mathematics at third level.

This is a very significant collaboration between three of our finest institutions with very complementary and distinct fields of expertise. Through collaboration we can achieve scale that allows us to compete more effectively on the global stage. It is clear that this partnership will lead to increased competitiveness for major research awards, innovation at the intersection of disciplines, and also the intellectual, cultural and financial benefits of a greater internationalisation of our student base in Ireland.”

An Taoiseach at launch of 3U Partnership
DCU TACKLING THE ICT SKILLS GAP

This year saw the first intake of students on three new masters’ programmes offered by DCU Business School - MSc in Management (Cloud Computing), MSc in Management (Digital Marketing) and MSc in Management (Strategy). Each of these programmes, devised with input from key industry stakeholders, is designed to directly address Ireland’s ICT Skills Gap.

The School of Computing launched its BSc in Computational Problem-Solving and Software Development, the first programme of its kind in Ireland. This four year programme, with significant industry engagement, is aimed at students with a demonstrable ability in computer programming and ICT.

DCU is also a lead partner in a consortium of Higher Education institutions involved in a €1.2 million government-funded initial research programme in the Cloud Computing Technology Research Centre. The Government’s investment in this area is intended to directly support Ireland’s efforts to become a world leader in the area of cloud computing.

CHANCELLOR’S MEDAL AWARD

Two Chancellor’s Medals were awarded at this year’s autumn conferring ceremony. The recipients were David McMullin (at undergraduate level) and Paul Conroy (at postgraduate level). These awards are highly prestigious and are only made to exceptional students who not only achieve academic excellence, but who also demonstrate an outstanding commitment to the non-academic aspects of third-level education.

In March, Dr William Phillips, Nobel Prize Winner in Physics 1997, delivered two addresses as part of the Nobel Laureate Lecture Series hosted by DCU, in association with Magnet Networks. Over one thousand guests, including primary and second-level students and teachers, as well as DCU staff and students, enjoyed Dr Phillip’s presentation on ‘Time, Einstein and the Coolest Stuff in the Universe’, a multimedia spectacle demonstrating how Einstein’s thinking is shaping one of the key scientific and technological wonders of life - atomic clocks. Many more watched online in schools throughout the country, courtesy of the live streaming provided via Magnet Networks. In a wonderfully engaging presentation, Dr Phillips explained how these atomic clocks are at the heart of the Global Positioning System (GPS), which uses atoms cooled to incredibly low temperatures to guide cars, aeroplanes and hikers to their destinations.

The Nobel Laureate Lecture Series is sponsored by Magnet Networks and reflects DCU’s commitment to academic excellence and its ethos of access to education for all.

CNGL PRODUCED A LOCALISATION CAREERS GUIDE

The Centre for Next Generation Localisation, a DCU-led academia-industry consortium, supported by the Department of Jobs, Enterprise and Innovation through Science Foundation Ireland, produced a Localisation Careers Guide to encourage secondary students to consider studying language and technology at third level. Mr Sean Sherlock TD, Minister for Research and Innovation attended the launch of the guide which has been distributed to all secondary schools in Ireland.

DCU STRUCTURED MENTORSHIP CLOSING EVENT

In April, DCU Alumni and the DCU Careers Service co-ordinated the annual mentorship programme for second-year students. The programme offers alumni mentors an opportunity to reconnect with DCU. Through the various activities including skills sessions, work-shadow day and one-to-one meetings with the mentors, the programme provides students with career advice as well as an understanding of professional networking and the value of continuous learning opportunities.

NOBEL PRIZE WINNER IN PHYSICS 1997 DELIVERS DCU’S NOBEL LAUREATE LECTURE

FIRST RECIPIENT OF THE DARREN SUTHERLAND MEMORIAL AWARD

Described as being a true inspiration to students both at undergraduate and postgraduate level, former Dublin football player and Manager, Micky Whelan, was awarded a PhD this year. In a separate ceremony, Dr Whelan also received the first Darren Sutherland Memorial Award from the President, Professor Brian MacCraith.
This year, in celebrating the 21st anniversary of the DCU Access Service, DCU announced a new DCU Northern Ireland Scholarship Fund. The Fund will offer scholarships of €1000 to students from socio-economically disadvantaged communities in Northern Ireland who wish to study at DCU. Speaking at the launch of the Scholarship Fund, Ita Tobin, Head of Access and Student Recruitment, said that studying at DCU is a realistic and attractive option for students from Northern Ireland, with its offering of over 60 undergraduate degree programmes, a modern campus, state of the art facilities and a convenient location on the north side of the city.

TOP HONOURS FOR DCU STUDENTS, CLUBS AND SOCIETIES – A SELECTION FROM THE PAST YEAR

- Accenture “Best Technology Enabled Solution” Award: School of Health and Human Performance PhD students, Conor Coyle and Colm Fallon, won the Accenture ‘Leaders of Tomorrow’ Best Technology Enabled Solution award for their winning concept, HOWL. HOWL provides for real time monitoring by homeowners of their house alarms, sending alerts directly to their smart phone when the alarm activates. These Accenture awards seek to identify and foster leadership potential and innovative thinking in Irish graduates.

- 2012 BICS awards: DCU secured top honours in two categories in the 2012 BICS awards. The Media Production society won the award for the “Best online presence in Ireland” and the RAG society won the award for “Best New Society in Ireland”.

- Eurachem 2012: Nicola McConnel and Barry Reid, both second year Analytical Science students, won 1st Place at Eurachem 2012, representing the School of Chemical Sciences. Eurachem is aimed at second year undergraduate science students.

- Students in Free Enterprise (SIFE) Ireland: Raising and Giving (RAG) won the inaugural Students in Free Enterprise (SIFE) Ireland competition. Competing against teams from NUI Galway, Trinity College Dublin and University College Dublin, the RAG team won the award for their social enterprise outreach projects. RAG team members, Daithí de Buitléir, Ronan O’Dalaigh, Sallianne Downes, Evelyn Boyle, Hannah Dobson and Paul Gillick, went on to represent Ireland at the prestigious SIFE 2012 World Cup in Washington, USA.

- Irish Software Association Award: PhD student, Adam Bermingham, won the 2011 Irish Software Association award for the student project with the greatest commercial potential. Adam’s project was to design and implement a real-time sentiment monitoring system, SentiSense.

The Faculty of Engineering and Computing’s Inaugural Academic Scholarship Awards ceremony took place in November. The awards ceremony marked the significant success of seven students, each of whom achieved over 500 CAO points in the Leaving Certificate, or equivalent, exam.

A new interactive Equality and Diversity eLearning programme (LEAD) was launched by Minister Fergus O’Dowd in March, at a joint Irish Universities Association Equality Network and Equality Authority event. The event was supported by the Workplace Diversity Initiative led by the Department of Justice and Equality.

Developed by six of the Irish Universities Equality Network member institutions, DCU, TCD, NUIG, UCC, UCD and UL, in conjunction with Aurion Learning, the aim of the LEAD project is to introduce a tailored eLearning programme covering the nine grounds of discrimination under Irish Equality Legislation, as part of a blended approach to generating mainstream staff engagement with equality and diversity issues in the workplace. LEAD, which was part-funded by the Equality Authority Equality Mainstreaming Unit and by each of the six participating Universities, won the Outstanding Achievement award for Most Innovative Use of Technology at the IITD National Training Awards.

Dublin City University Business School and the Gaelic Players Association announced three scholarships for the DCU’s Executive MBA programme. The recipients, Donegal footballer, Paul Durcan, Sligo hurler, Patrick Quinn, and former Louth hurler, Michael Martin, joined Laois manager Justin McNulty and former Dublin football captain, Colin Moran, to bring the total number of GPA scholarship places to five. The GPA scholarship with DCU Business School forms part of the GPA’s Education portfolio under its Player Development Programme, established in 2010, and is an integral part of the GPA’s commitment to supporting the education of players.
All over the world, universities focus on the creation and dissemination of knowledge. DCU goes beyond this and places an additional emphasis on Translation - the effective conversion of knowledge arising from research into societal and economic benefits.”

*Transforming Lives and Societies, 2012-2017*
BIOANALYSIS AND THERAPEUTICS STRUCTURED PHD PROGRAMME (BIOAT)

This collaborative inter-institutional 4-year structured PhD programme is funded by the HEA under Cycle 5 of the Programme for Research in Third-Level Institutions (PRTLI). The programme 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. BioAT is an integrated, flexible and student-centric programme which will enable students to broaden their skills base and career opportunities through participation in high quality research, advanced training, personal and professional development, and exposure to an innovative, translational research environment. Research projects underpinning BioAT training will lead to developments in bioanalytical methodology and technology applied to disease diagnosis and treatment. BioAT is structured to ensure the highest level of transferrable skills and knowledge between academia and industry. The programme works to develop graduates’ entrepreneurial skills as well as the high quality research. BioAT is further enhanced by the involvement of Dundalk Institute of Technology and Athlone Institute of Technology and the collaborative research opportunities it offers in hospital-based laboratories at Beaumont Hospital, James Connolly Hospital, Blanchardstown and the Children’s Research Centre at Our Lady’s Hospital, Crumlin. In 2011, a total of 29 scholarships, based across the partner institutions, were awarded.

€1.2M INITIAL RESEARCH PROGRAMME TO HELP MAKE IRELAND A WORLD-LEADER IN CLOUD COMPUTING

In April, the Minister for Jobs, Enterprise and Innovation, Richard Bruton T.D., announced details of the €1.2 million initial programme of industry-led research in the Cloud Computing Technology Research Centre. Led by DCU, the research consortium, which includes University College Cork, and Athlone Institute of Technology, with input from the Innovation Value Institute at NUIM, used the funding provided to work with a group of software companies to establish ways to generate business and profit from cloud computing in four principal research areas: cloud computing technology architecture, including design, configuration and operation; service management, addressing the need for new methods and tools for designing, developing, releasing, maintaining and managing cloud-based applications and services; business research; and cloud security.

COVIDIEN TO INVEST IN DCU’S BIOMEDICAL DIAGNOSTIC INSTITUTE

In November, the medical devices group, Covidien, announced plans to fund an innovative R&D project with the Biomedical Diagnostic Institute (BDI). The project is included in a total investment of up to €25 million in six separate research and development projects in Ireland in association with IDA Ireland. The company employs 1,500 people at six plants across the State. The R&D projects will be focused on the area of respiratory technology. BDI will collaborate with colleagues from the National Centre for Sensor Research at DCU, the Royal College of Surgeons of Ireland and University College Dublin.

SFI RESEARCH CENTRE TECHNOLOGY USED AT 2010 FIFA WORLD CUP

In November, the Centre for Next Generation Localisation (CNGL) presented its Localisation Innovation Showcase at the Innovation Dublin Festival at Croke Park’s Convention Centre. Among the technologies showcased by CNGL was the software used at the 2010 FIFA World Cup to translate tweets into global languages. CNGL is a dynamic consortium comprising more than 150 researchers at Dublin City University, Trinity College Dublin, University College Dublin and University of Limerick, along with ten industry partner companies. CNGL has also engaged with more than 100 companies across Ireland over the last year under the Enterprise Ireland Commercial Development Manager programme. The Centre continues to develop ground-breaking technologies in voice recognition and language translation for use in software and social media across the world.

IRISH TECHNOLOGIES TO KEEP ASTRONAUTS FIT AND HEALTHY IN SPACE

Helping astronauts deal with ‘accelerated ageing’ and a lack of exercise in space were the focus of two European Space Agency research contracts awarded to Irish researchers, and announced by Seán Sherlock T.D, Minister for Research and Innovation, in November. The two European Space Agency (ESA) contracts, totalling €135k, were won by Dr Donal O’Gorman, DCU, and Dr Brian Caulfield, UCD, arising from Ireland’s membership of ESA, which the Irish Government funds and which enables Irish research institutes and companies to participate in ESA programmes. The ESA funding supports research into novel ways to prevent negative impact of micro-gravity on the body.
THROUGH THE WORMHOLE – CLARITY RESEARCH

A Discovery Channel film crew visited the CLARITY Research Centre in DCU to film interviews for ‘Through the Wormhole with Morgan Freeman’, an American science documentary television series, narrated by actor Morgan Freeman, which brings together the brightest minds and best ideas from the world of science. The series producers interviewed CLARITY researcher and lecturer in the School of Computing, Dr Cathal Gurrin, about his work in the area of ‘lifelogging’ which uses wearable and environmental sensors to automatically capture and semantically understand life experience in detail.

DCU RESEARCH FEATURES ON FRONT COVER OF INTERNATIONAL JOURNAL OF CANCER

In December, a research article by DCU researchers, which sheds light on the biology of Hodgkin’s Lymphoma (HL) featured on the front cover of the International Journal of Cancer. The research carried out by Dr Dermot Walls and Dr Sinead Loughran, of the School of Biotechnology, pointed at a new target (a protein called Bfl-1) in the Hodgkin’s Lymphoma cancer cell, against which new therapies could be designed. The study, which was carried out in collaboration with the University of Birmingham, was funded by the Health Research Board of Ireland, the Irish Cancer Society, and the DCU Educational Trust (through an Orla Benson scholarship award).

SAILS: EU-FUNDED SCIENCE EDUCATION INITIATIVE

In January, the Minister for Education and Skills, Ruairí Quinn T.D., launched Strategies for Assessment of Inquiry Learning in Science (SAILS), a €3.75m EU-funded initiative, which aims to revolutionise the way science is taught and assessed in the classroom. The long-term aim of SAILS is to generate a greater interest in science subjects at school, improve the take-up of science at third level and to increase the number of skilled graduates seeking to pursue careers in the area of science and technology. SAILS is funded under the European Framework Programme (FP7) and is coordinated by the CASTeL team at DCU, involving Dr Odilla Finlayson, Dr Eilish McLoughlin, Dr Paul van Kampen, Dr Sarah Brady and Dr Deirdre McCabe. Thirteen partners from twelve countries make up the SAILS consortium, which includes universities, SMEs and Intel.

In January, DCU became a member of the prestigious European university network, the European Consortium of Innovative Universities (ECIU). DCU is the only Irish university to be represented in this network of 11 European universities and three associate partners, from Australia, Mexico and Russia, all of whom share a common commitment to innovation and entrepreneurship.

The vision of ECIU is to be a global leader in higher education through the collective expertise of the consortium, their dedication to enhancing the learning experience of students, and their focus on fostering economic and social development in the regions. The members of ECIU have each established a reputation for working closely with industry and business, for strong interdisciplinary links and an entrepreneurial mindset. Established since 1997, ECIU’s strategy is to remain a small, tightly-knit, consortium that collaborates on different activities and makes a difference to both its member institutions and the surrounding society.

PRESIDENT’S RESEARCH AWARDS

The President’s Research Awards are presented annually to researchers who have excelled in their field. This year the award recipients were Dr John Appleby, School of Mathematical Sciences, Dr Francesco Cavatorta, School of Law and Government and Professor Josef van Genabith, School of Computing.

Dr Cavatorta is very active in translational research and he received the award for his outstanding contribution to field of politics in the Middle East. His work on the role of civil society in authoritarian Arab states (funded by Irish Aid) has been of significant interest to policy-makers and, in addition to its impact in Ireland it has been presented to policy community seminars in Denmark and the Netherlands.

Dr John Appleby received his award in recognition of his work on understanding the qualitative behaviour of stochastic functional differential equations. Dr Appleby has published over 80 peer reviewed journal papers and refereed conference papers, which have attracted in excess of 185 citations and has presented more than 40 papers at conferences worldwide.

Professor Josef van Genabith, School of Computing, received the President’s Research Award for his exceptional contribution to the field of computational linguistics and for spearheading DCU’s leadership in academia-industry collaborative research. Professor van Genabith’s significant research accomplishments, presented in more than 100 peer-reviewed international research publications, have not only shaped the evolution of computational linguistics worldwide; they have also helped brand DCU and Ireland as world leaders in language technology.

NAIRTL TEACHING EXCELLENCE AWARD

Dr Paul van Kampen, School of Physical Sciences, was awarded a 2012 Teaching Excellence Award by the National Academy for Integration of Research, Teaching and Learning.
ORLA BENSON POSTGRADUATE RESEARCH SCHOLARSHIP

The Orla Benson Postgraduate Research Scholarship was awarded to Ms Claire Morgan, a final year PhD research student in the School of Biotechnology. The scholarship is awarded in recognition of Claire’s research in the area of animal evolution and its potential connections to the fight against cancer in humans. The annual scholarship, worth €2,500, was established in memory of Orla Benson, a DCU Biotechnology student who was tragically killed in 1995.

€1.2 MILLION CELTIC ALLIANCE TO DELIVER MAJOR HEALTHCARE ADVANCES

In March, four higher education institutions from Ireland and Wales launched the Celtic Alliance for NanoHealth (CAN) with funding of €1.2 million, to develop cutting-edge healthcare and to help companies, on both sides of the Irish sea, to stay at the forefront of innovation and growth in this sector. CAN’s lead partner is Swansea University with funding of £765,000 from the European Regional Development Fund under the Ireland Wales Cross Border programme. The Irish partners are the Dublin-based institutions of DCU, UCD and TCD. Professor Robert Forster and Professor Tia Keyes of the Biomedical Diagnostics Institute and the Nano-biophotonics and Imaging Platform, lead DCU’s team.

DCU RESEARCHER CREATES GREEN SOLUTION TO MRSA SUPERBUG

An international team of researchers, led by Dr Nicholas Gathergood, School of Chemical Sciences, created an antimicrobial drug which targets highly resistant strains of the MRSA superbug. The ground-breaking research, which was funded by the Environmental Protection Agency, involves the use of renewable materials, such as amino acids, in creating a drug which can target the MRSA superbug without destroying any ‘friendly’ bacteria.

VIOLENT ONLINE POLITICAL EXTREMISM RESEARCH

A DCU-led consortium has attracted €5.1 million in European funding for international research into Violent Online Political Extremism. Dr Maura Conway, School of Law and Government, led a research team of world-leading experts on the internet activities of violent jihadists, nationalist-separatists, and extreme Right groups in submitting the successful VOX-Pol proposal. DCU is joined by partner institutions in Germany, Hungary, India, the Netherlands, the UK, and the US.

IRISH FULBRIGHT SCHOLARSHIPS

Two DCU academics have been awarded prestigious Irish Fulbright Scholarships to pursue their research at leading US academic institutions. Dr Karen Devine, a lecturer in International Relations in the School of Law and Government, will travel to Columbia University where she will evaluate the role of patriotism as a driver of public attitudes to foreign policy in the US and in Ireland. Dr Mary J O’Connell, a lecturer in the School of Biotechnology, will spend a year at Harvard University undertaking research on the evolution of defence against disease in animals to aid a more accurate modelling of human genetic diseases.

LAUNCH OF HSE FUNDED REPORT ON MARTE MEO

In October, the HSE-funded DCU report on Marte Mio was launched. This is a study of parents’ and professionals’ experiences of the Marte Mio therapy programme. The report was carried out by Dr Jean Clarke, Dr Mel Duffy and Yvonne Corcoran from the School of Nursing and Ms Colette O’Donovan, Marte Mio programme, HSE. It is a video-based programme that provides concrete and practical information to parents and carers on supporting the social, emotional and communication development of children, adolescents and adults. It offers support and advice for parents of children who are experiencing developmental delay, behavioural difficulties, have a diagnosis of autism, aspergers, ADHD or because of other social or family problems.
Our vision of a University of Enterprise, which sets DCU apart in the Irish Higher Education landscape, comprises two principal elements: First, we will create an environment that encourages creativity and fosters the development of entrepreneurial and innovative thinking in our students and staff. Second, we will engage deeply with enterprise (commercial, cultural and social), both in Ireland and abroad. We will establish regular fora for dialogue with enterprise in order to inform our degree programmes and our research agenda. Furthermore, we will continue to develop deep partnerships with Enterprise that will provide mutually beneficial opportunities across a range of our activities.”

Transforming Lives and Societies, 2012-2017
INVENT DCU CELEBRATES 10 YEARS OF INNOVATION AND ENTERPRISE

Invent DCU celebrates its 10th Anniversary. Speaking at the anniversary event, the President, Professor MacCraith, acknowledged Invent’s role in developing DCU’s profile as a research-intensive, globally-engaged University of Enterprise. In its ten years, Invent has become one of the leading Technology Transfer Offices in Ireland in terms of licencing activities to both Irish companies and to overseas markets. In 2011 alone, Invent assisted in establishment of six new start-up companies based on DCU technology.

MINISTER SEAN SHERLOCK PRESENTS COMMERCIALISATION AWARDS TO NEW COMPANIES

In October, Sean Sherlock T.D., Minister for Research & Innovation, and Feargal O Morain, Enterprise Ireland, presented Michael Cunningham, CEO, Sonex Metrology Ltd and Professor Patrick McNally, with an Enterprise Ireland Industrial Technologies Commercialisation award, for their DCU spin out Sonex Metrology Ltd. The company, which focuses on detecting mechanical defects in semiconductor and solar cell wafers, won the award for the way in which the team, which includes Dr Stephen Daniels, Fiachra Green and Dylan Fitzgerald, set about commercialising an idea which had emanated from Professor McNally’s research.

THE TWELVE BUSINESS DAYS OF CHRISTMAS

‘12 Business Days of Christmas’ is a concept developed by DCU’s Leadership, Innovation and Knowledge Research Centre (LINK), with support from AIB, to kick-start brand awareness of 12 new internet companies. The companies, which between them provide a range of services including mobile application design, e-commerce and web TV, are all clients of LINK, or start-ups formed by DCU Business Studies graduates. Starting on December 1st and running for 12 business days thereafter, a team of DCU staff and students launched a new internet start-up business.

Companies participating in the ‘12 Business Days of Christmas’ included: Smartouch Media; Talentevo; Edubills; Sannus; My Doggy Hotel; Rentview; CompareBookPass; Imagine Sunglasses; AerTv; Nimble Tours; Dairy LIMS and Maybe Video.

DCU INVENT SPIN-OUT TACKLES INTERNET CAPACITY CRUNCH

Pilot Photonics Ltd, a spin-out built on the work of research teams in DCU and the Tyndall National Institute, Cork, succeeded in attracting seed investment of €300,000 from Enterprise Ireland and AIB Seed Capital Fund for their optical networking technology. The funding allowed the technology inventors, Dr Philip Perry, Dr Frank Smyth, Dr Prince Anandarajah, Professor Liam Barry from DCU and Prof Andrew Ellis from Tyndall, to bring the commercially-relevant aspects of their work to a spin-out ready stage. Assisted by Invent, the research team built an enviable portfolio of patented technologies and accumulated significant expertise in state-of-the-art optical networking.

MASON HAYES & CURRAN 2012 GREEN BUSINESS PLAN COMPETITION

The winner of the Mason Hayes & Curran 2012 Green Business Plan competition was Tina Reid, founder of Reid Recycling (trading as ORGAANEQ), a waste management service for the Irish equine industry. Tina’s business plan was developed through her participation in the DCU Ryan Academy for Entrepreneurship Business Innovation Programme. Mason Hayes & Curran Green Business Plan competition provides a platform for enterprising students at DCU to pitch their innovative, start-up business ideas to business and investment professionals.

IRISH TECHNOLOGY LEADERSHIP GROUP AND DCU RYAN ACADEMY FOR ENTREPRENEURSHIP PARTNERSHIP

In March, the Irish Technology Leadership Group (ITLG) and the DCU Ryan Academy for Entrepreneurship announced a major partnership to deliver Kauffman entrepreneurship and innovation programmes in Ireland and Silicon Valley with the aim of stimulating economic growth.

According to the Kauffman Foundation, an authority on entrepreneurial innovation and economic growth, over 40% of new job growth comes from new start-up companies. The Kauffman Foundation works through its Global Network Partners, to share best practice in supporting the development of economically successful entrepreneurial ecosystems in which job creation, innovation, and the economy flourish.
Established in 2007, the ITLG is a non-profit group of senior executives from around the world, each of whom is committed to promoting the technology connection between Ireland, Europe and the United States major technology markets. The ITLG is a platform that connects entrepreneurs, technology companies, academics, students and government officials to the technology communities via trade missions, networking events, investor/executive introductions, strategic business planning meetings and mentorship programmes.

The DCU Ryan Academy for Entrepreneurship already delivers a broad range of initiatives for the development and encouragement of entrepreneurship and innovation in Ireland. These focus not only on start-up businesses but also on social and community enterprises, cultural enterprises and larger organisations, in both the public and private sectors. The partnership with ITLG will enhance this portfolio of activities significantly through the introduction of international best practice in the field.

DCU Ryan Academy for Entrepreneurship Propeller Venture Accelerator Programme Ranked 7th Best in Europe

DCU Ryan Academy for Entrepreneurship received 137 applications from 20 countries for its 2012 Propeller Accelerator Programme. The Programme, which is for early-stage technology start-ups, this year ranked seventh best in Europe, in an independent study commissioned by the Kauffman Fellows Program.

The programme already has a proven track record in helping technology start-ups accelerate and to date, companies that have emerged from the Propeller programme between them employ 49 people and have raised over €1.75 million in investment. Companies accepted onto Propeller receive €30k in seed investment, mentoring and training and three months incubation with free space and services.
Engagement is a cornerstone of DCU’s uniqueness. We are the antithesis of the ‘Ivory Tower’ university and, through our actions, reflect a clear commitment to the pursuit of symbiotic relationships with our city, our region and our nation across all of our core activities. Moreover, the education and research roles of universities have a significant global dimension; we are preparing graduates to flourish in an increasingly globalised world and the biggest challenges facing society are global in scale. Therefore, engagement with global issues and internationalisation of campus experiences are essential elements of progressive universities, such as DCU.”

Transforming Lives and Societies, 2012-2017
PRESIDENT MICHAEL D HIGGINS VISITS DCU

DCU was delighted to welcome President Michael D Higgins to DCU during his first week in office as President of Ireland. In his meeting with the President, Professor Brian MacCraith, President Higgins discussed his vision for his term in office and the synergies that exist between his presidency and the ethos and strategy of DCU. Professor MacCraith congratulated President Higgins on his election and offered DCU’s support in the delivery of his initiatives. During his visit to DCU, President Higgins also attended the 7th annual FIS Film Festival awards in the Helix. This ceremony was attended by representatives from 24 national schools from around the country. FIS is an initiative of the Department of Education and Skills and was designed to introduce the medium of film as a support to the Revised Primary School Curriculum.

DCU SIGNS MOU WITH DUNDALK INSTITUTE OF TECHNOLOGY

In July, DCU and Dundalk Institute of Technology signed a Memorandum of Understanding. The formal signing took place in Oldbridge Estate, Drogheda and signifies the first step in building a strategic alliance between the two institutions that will involve a multidisciplinary approach to academic programme development, research, enterprise support and internationalisation.

Speaking at the event, the President of Dundalk Institute of Technology, Denis Cummins, welcomed the signing as very significant for DkIT, greatly widening the opportunities available to students both in education and research.

Professor Brian MacCraith spoke of the importance of the MOU in the context of DCU’s strategic focus on the Eastern Corridor and the University’s commitment to supporting social and economic growth in the region as Ireland’s University of Enterprise. Both Presidents expressed the view that this collaboration could lead to significant economic developments in the region, based on entrepreneurship, innovation and the enhanced attractiveness of the region for foreign direct investment.

PRESIDENT’S AWARDS FOR CIVIC ENGAGEMENT

The President’s Awards for Civic Engagement recognise outstanding engagement with the local community in addressing social, economic, cultural and environmental issues. This year’s awards ceremony took place in May and awards were presented to:

- The Centre for Academic Achievement, a collaborative project between DCU Access Service and the Centre for Talented Youth in Ireland. The award was made for a project which began in 2006, following publication of a research report from local primary school principals, which highlighted the lack of support for bright students in disadvantaged areas. To date, over 1000 students from 36 DEIS primary schools in North Dublin have attended after-school classes at DCU, studying subjects as diverse as superhero science, aeronautical engineering, architecture, sports science, computers & animation, chemistry, creative writing, forensic science, engineering and computer gaming.
- Ruth Crawford, Patrick Collins and Shane Glynn, students in the School of Law & Government, who received the award in recognition of their voluntary work as mentors with the DCU/Ballymun Community Law Centre Student Mentoring Scheme.

FROM DCU TO CHENNAI, INDIA

In January, Dr Stephen Daniels delivered a live online lecture to students of the prestigious IIT Madras in Chennai, India. The lecture, entitled “Plasma Surface Engineering for Surface Micromachining”, was delivered via videoconferencing technology at both institutions which allowed for high definition video transmission of live and computer images. The lecture which demonstrated the feasibility of the concept and its tremendous potential was well received by the students of both institutions. This engagement follows on from the signing of a Memorandum of Understanding in 2010, by IITM and DCU, and the visits in 2010 and 2011 by DCU delegations to IITM. As a result of these visits several collaborative research projects are now under way, a number of which are co-funded by DCU and India’s Department of Science and Technology.
DCU CHINA PARTNERS MEET WITH TAOISEACH

DCU Business School and North Eastern University (NEU Shenyang) China and Capital University of Economics and Business China (CUEB), were represented at a recent business breakfast in Beijing hosted by Enterprise Ireland, in honour of Taoiseach Enda Kenny TD and Minister Richard Bruton TD. The three organisations collaborate in various initiatives including joint research, faculty and student exchange and the IBL/ Business Study International Year Abroad programme.

IRELAND INDIA INSTITUTE LAUNCH AT DCU

The Minister for Education and Skills, Ruairí Quinn TD, launched the Ireland India Institute, a new national centre at DCU which will drive enterprise, research and academic collaboration between Ireland and India. Kiran Mazumdar-Shaw, Indian entrepreneur and Founder, Chairman and Managing Director of Biocon, one of the world’s largest biotechnology companies, is Patron of the Institute.

The Ireland India Institute (III) offers support for strategic partnerships in business, education and research between the two countries. Plans for the III include an Ireland-India Research Fund to support research into the grand challenges affecting both countries, in areas such as sustainable technologies, health and multiculturalism; III Scholarships to support Indian scholars and researchers in their studies in Ireland; an III Seminar Series intended to bring some of the most significant thinkers and business leaders on contemporary India to Ireland. The III will also provide a suite of academic and extra-mural programmes in areas relevant to contemporary India.

PROF COLUM KENNY DONATES FAMILY ARCHIVES TO DCU LIBRARY

Correspondence from Patrick Pearse, Roger Casement, Arthur Griffith and other patriots are among family papers and books that were donated to DCU in November by Professor Colum Kenny. The Kenny Family Papers provide an insight into Irish politics, advertising, journalism and publishing in the first half of the twentieth century. Presenting the papers on behalf of his family, Professor Kenny of the School of Communications, welcomed the existence of a new media archive at DCU and called on the government to invest in Irish archives and to recognise the value of history in sustaining national morale at times of crisis. Most of the papers that have been donated concern the affairs of Kevin J. Kenny (1881-1884), who was the grandfather of Colum Kenny. The son of a Fenian, Kevin J Kenny founded Ireland’s first full-service advertising agency and managed the production of Pádraig Pearse’s journal, An Macaomh and Arthur Griffith’s annual Sinn Féin Year Book, among other publications.

MUSIC CONNECTIONS SERIES

Music Connections was a lunchtime series of music performances held for the DCU community this year. The first concert took place in December and featured the 60-strong St Patrick’s College choir. The concert was dedicated to the memory of DCU lecturer Tom Lawrence, musician, composer and sound artist, who died this year. Dr Lawrence helped set up the inter-institutional collaboration behind this concert series and he was also a member of the advisory group whose report contributed to the Arts and Culture Initiative of which the Music Connections series is part. The series also included performances by the Royal Irish Academy of Music, Mater Dei Institute and Newpark Music Centre.

DCU AND THE JOHN MURRAY SHOW, RTE RADIO, ROLL OUT ALL-ISLAND FIRST YEAR FITNESS CHALLENGE

DCU joined forces with RTÉ Radio’s John Murray Show, to launch the First Year Fitness Challenge for schools throughout the island of Ireland. By getting fit and beating the Bleep Test, first year secondary students could win €1000 towards their Physical Education Programme and a place on a three-day live-in sports and activity camp at DCU. The initiative was spearheaded by Professor Niall Moyna, School of Health & Human Performance, to transform the fitness levels of Irish schoolchildren and encourage them to adopt healthy behaviour patterns at an early age.
DCU SIGNS AN AGREEMENT OF INTENT WITH FIRAT UNIVERSITY

In March, DCU signed an Agreement of Intent with Firat University, Turkey. Professor Bulent Sen, Vice-President, and Professor Nuri Basusta, Erasmus Institutional Coordinator, of Firat University signed the Agreement in the presence of the Turkish Ambassador, His Excellency, Mr Altay Cengizer. The Agreement was signed by Deputy President, Professor Anne Scott, on behalf of DCU. Firat University is one of the largest academic institutions in the East of Turkey. It has twelve faculties, four institutes, three high schools, one state conservatory, nine vocational high schools and 21 research centres with a strong emphasis on scientific and technological research.

DUBLIN CITY UNIVERSITY COMMITS TO INCREASED ENERGY EFFICIENCY

In May, DCU signed up to the SEAI Public Sector Energy Partnership Agreement. SEAI will assist DCU in further developing its energy management planning, which will build on DCU’s target of a 33% improvement in energy efficiency by 2020. In 2011, DCU reduced its electricity energy consumption by 3% and its gas consumption by 16%, representing an overall reduction of 7% Total Primary Energy Requirement (TPER), the target being set at 3%. DCU has set a target of a 3% year on year reduction over the next 8 years to achieve the goals set out in the National Energy Efficiency Action Plan (NEEAP). The consumption reductions in 2011 resulted in over €200,000 savings for DCU, and with emissions reduced by over 1000 tonnes of CO₂.

TAOISEACH PRAISES IRELAND’S TALENTED YOUTH AT DCU

Taoiseach, Mr Enda Kenny T.D., visited the Centre for Talented Youth Ireland (CTYI) in August where he met young students (aged between 6 and 16 years) who were in DCU to learn about the wide range of university-style courses on offer to them at the University. The students, who are in the top 5% of the population academically, enjoyed learning about a wide range of subjects including forensic science, computer programming, and criminology.

“It is wonderful that children and teenagers, who are exceptionally able in one or more areas, can come here to CTYI to explore, to create, to stretch themselves and to simply be with each other. As Ireland moves to a high-skills, high-tech economic model, these exceptional young people are our future entrepreneurs, our scientists, our doctors, our inventors, our engineers, our gamers, our musicians, our environmentalists, our artists, our philosophers, our politicians, our leaders of the future.”

An Taoiseach, DCU, August 2012
NASA ASTRONAUT, COL SHANE KIMBROUGH VISITS DCU

NASA astronaut, Col Kimbrough, gave his audience an insight into his experiences on the STS-126 Endeavour, including video footage showing the effects of gravity on simple activities such as eating, drinking, moving and exercising. He described the process of changing in and out of the cumbersome spacesuit used in spacewalks and showed the effects of weightlessness on the ability to carry out simple tasks.

TASTE OF DCU (A DCU AGE-FRIENDLY INITIATIVE)

As part of DCU’s commitment to being an age-friendly university a one-day Taste of DCU programme, specifically designed for older adults from the local community, was organised by members of DCU’s Age-Friendly University Working Group. Participants were given a taste of the range and breadth of courses DCU offers, and enjoyed this opportunity to visit the campus and meet with DCU staff and students.

Close to 120 participants attended this Taste of DCU and it was very well received. We hope that we can run a similar event again in future years.

DCU TO DELIVER POLICY AND STRATEGY TRAINING TO AFRICAN LEADERS

In August, Tánaiste and Minister for Foreign Affairs, Eamon Gilmore T.D., launched a new partnership between DCU and GeSCI, the Global eSchools and Communities Initiative, under which senior government officials, across Africa, can study for a DCU Graduate Diploma in ICT and the Knowledge Society. The initiative was launched in Nairobi, Kenya with support from the African Union Commission and the Finnish Foreign Ministry. Dr Margaret Farren and Dr Yvonne Crotty from the Centre of e-Innovation, Pedagogy and Workplace Learning and the School of Education Studies, spearheaded this unique initiative on behalf of DCU. GeSCI is an international non-profit organisation, established by the UN Taskforce on ICT. Its mandate is to collaborate with partners to improve education, empower communities and accelerate socio-economic development through the use of technology.

The African Leadership in ICT Programme will enable present and future African leaders to become change-makers in government and to participate in and influence the kind of central policy-making necessary for social and economic development. The programme runs in five countries – Kenya, Zambia, Tanzania, South Africa and Mauritius - with almost 100 participants. A further 200 participants from Malawi, Botswana, Ethiopia, Uganda, Rwanda, Namibia and Mozambique are expected to join the programme in October 2012. While the partnership between DCU and GeSCI is initially focused on world-class professional development programmes for African leaders and key policy makers, the intention is that, in due course, programme offerings will include science, technology and innovation as well as research initiatives.

UNIVERSITIES OF IRELAND TO HONOUR CHUCK FEENEY

In September, DCU joined the other universities of Ireland, North and South, to confer an honorary Doctorate of Laws (LLD) on Charles F. ‘Chuck’ Feeney, founder of The Atlantic Philanthropies. The degree was conferred to give public honour and thanks to Chuck Feeney for his remarkable contribution to Irish society, and in particular to the universities over the past twenty years. This was the first time that the universities on the island of Ireland came together to confer their highest award on an individual.
SPORTING HIGHLIGHTS
DCU STUDENTS AND ALUMNI RECEIVE GAA GPS ALL STAR NOMINATIONS

Students Michael Murphy (Donegal captain), Paul Durkan (Donegal goalkeeper) and Paul Flynn (Dublin) were nominated for GAA/GPA All Star Football Awards as were alumni, Bernard Brogan, Kevin Nolan and Stephen Cluxton.

INTERNATIONAL RULES – DCU STUDENTS AND ALUMNI SELECTED

Student, Michael Murphy (Donegal) and alumni, Stephen Cluxton (Dublin) and Kevin Reilly (Meath), were selected to play in the International Rules series in Australia.

SPORT SCHOLARSHIPS AWARDED TO ELITE ATHLETES IN DCU

In November, 140 sport scholarships were announced and students from twenty sports received scholarships which provide financial and academic support, accommodation, athlete education and top class high performance training and fitness testing. The Sport Scholarships were first introduced in 1996 in the form of GAA sport scholarships. The programme has expanded greatly in recent years with the launch of the DCU Sports Academy in 2006.

ATHLETICS


Student runs sub-four minute mile: John Coghlan, joined the exclusive club of athletes, which includes his Olympian father, Eamon, to run a mile in under four minutes. Competing in the Terrier Indoor Invitational at Boston University, John crossed the finish line in 3:59:32.

DCU Send-off for Olympic and Paralympic Athletes: the President, Professor Brian MacCraith, hosted a special send-off event for the record number of DCU students and graduates who qualified to compete in the 2012 Olympic and Paralympic Games.

Fionnuala Britton – Steeplechase/5,000m/10,000m | Linda Byrne – Marathon | Padraig Moran – Boccia | Laura Reynolds – 20k Walk | Deirdre Ryan – High Jump | Darren O’Neill, St Patrick’s College, a linked college of DCU – boxing

BASKETBALL

DCU Mercy Basketball Victory: In a testimony to the ongoing development of DCU Mercy Basketball, the Under-20s, featuring DCU students Catriona Foley and Ciara Redmond and ten secondary school students from Mercy, Coolock and Holy Faith, Clontarf, reached their first ever National Final.

National Varsity Title for DCU Ladies Basketball: In April, the DCU Ladies Basketball team defeated University of Limerick to win the 2012 National Varsity title. The team previously won the title in 2007 and 2008.

FOOTBALL

Third Sigerson title: the Senior Football Team claimed the Sigerson Cup for a third time, in an emphatic victory over NUI Maynooth.

O’Byrne Cup win: DCU’s Sigerson team claimed the Bord na Mona O’Byrne Cup in a victory against Kildare.

DCU’s Fresher A team (Mens) won the All Ireland league title, defeating Carlow IT.

DCU’s Ladies senior football team won the All Ireland league title in Newry.

DCU’s Sigerson B team (Mens) won the All Ireland league title defeating UCD.

LEINSTER RUGBY

Student Colm O’Shea made his Leinster debut in the European champions RaboDirect Pro12’ clash against Benetton Treviso.

Camogie Purcell Cup

DCU’s Camogie Team beat Queen’s University Belfast to win the Purcell cup for the first time.

ALL-IRELAND HANDBALL

Student, Donal Wrynn claimed the All-Ireland Handball Minor Singles, 40 x 20 title, in Roscommon and brought the title to Leitrim for the first time in the championship’s 37 year history.
### UNIVERSITY FINANCIAL REPORTS

**INCOME AND EXPENDITURE ACCOUNT FOR YEAR ENDED 30 SEPTEMBER 2012**

<table>
<thead>
<tr>
<th></th>
<th>2012 Euro '000</th>
<th>2011 Euro '000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INCOME</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State Grants</td>
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<td>30,679</td>
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<tr>
<td>Student Fees</td>
<td>54,759</td>
<td>53,856</td>
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<tr>
<td>Other Income</td>
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<td><strong>Total Income</strong></td>
<td><strong>88,710</strong></td>
<td><strong>89,235</strong></td>
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<tr>
<td>St. Patricks College, Drumcondra</td>
<td>17,010</td>
<td>21,727</td>
</tr>
<tr>
<td>Mater Dei Institute of Education</td>
<td>3,180</td>
<td>3,359</td>
</tr>
<tr>
<td>Irish Universities Quality Board</td>
<td>245</td>
<td>330</td>
</tr>
<tr>
<td>Research Grants and Projects</td>
<td>44,045</td>
<td>42,202</td>
</tr>
<tr>
<td><strong>St. Patricks College, Drumcondra</strong></td>
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<td>42,202</td>
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<tr>
<td><strong>Total Income</strong></td>
<td><strong>153,190</strong></td>
<td><strong>156,853</strong></td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>2012 Euro '000</th>
<th>2011 Euro '000</th>
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</thead>
<tbody>
<tr>
<td><strong>EXPENDITURE</strong></td>
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<tr>
<td>Academic Faculties and Departments</td>
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<td>53,451</td>
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<tr>
<td>Academic and Other Services</td>
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<td>5,949</td>
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<tr>
<td>Premises</td>
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<td>7,781</td>
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<tr>
<td>Amount Allocated for Capital Purposes</td>
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<td>1,855</td>
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<tr>
<td>Central Administration and Services</td>
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<td>8,992</td>
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<tr>
<td>General Educational Expenditure</td>
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<td>662</td>
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<td>Student Services</td>
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<tr>
<td>Miscellaneous Expenditure</td>
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<td><strong>Total Expenditure</strong></td>
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<td><strong>156,793</strong></td>
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<tr>
<td>St. Patricks College, Drumcondra</td>
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<td><strong>Total Expenditure</strong></td>
<td><strong>153,181</strong></td>
<td><strong>156,793</strong></td>
</tr>
</tbody>
</table>

**Surplus on Activities before Amortisation of Capital Reserves and Grants and Depreciation of Fixed Assets**

- **Surplus for the year**: 9

**Depreciation of Fixed Assets**

- **Depreciation of Fixed Assets**: (10,382)

**General Reserve movement**

- **General Reserve movement**: 10,382

**Surplus for the year**

- **Surplus for the year**: 9

**Total Surplus for the year**

- **Total Surplus for the year**: 9
**BALANCE SHEET AS AT 30 SEPTEMBER 2012**

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Euro '000</td>
<td>Euro '000</td>
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<tr>
<td><strong>FIXED ASSETS</strong></td>
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<td>259,444</td>
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<td><strong>INVESTMENTS</strong></td>
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<tr>
<td><strong>CURRENT ASSETS</strong></td>
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<tr>
<td>Cash on hand and at bank</td>
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<td>16,616</td>
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<tr>
<td>Debtors and Prepayments</td>
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<td>37,645</td>
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<tr>
<td>Stocks</td>
<td>166</td>
<td>203</td>
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<td><strong>Less: CURRENT LIABILITIES</strong></td>
<td>84,918</td>
<td>89,708</td>
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<tr>
<td>Creditors and Accrued Expenditure</td>
<td>84,918</td>
<td>89,708</td>
</tr>
<tr>
<td>Bank Overdraft</td>
<td>178</td>
<td>-</td>
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<tr>
<td><strong>NET CURRENT LIABILITIES</strong></td>
<td>(85,096)</td>
<td>(89,708)</td>
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<tr>
<td><strong>LONG TERM LIABILITIES</strong></td>
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<tr>
<td>Creditors due after one year</td>
<td>796</td>
<td>1,041</td>
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<tr>
<td><strong>REPRESENTED BY:</strong></td>
<td>240,709</td>
<td>246,683</td>
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<tr>
<td>General Reserve</td>
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<td>221,068</td>
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<tr>
<td>Restricted Reserve</td>
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<td>25,291</td>
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<tr>
<td>Revenue Reserve</td>
<td>333</td>
<td>324</td>
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<tr>
<td><strong>Total</strong></td>
<td>240,709</td>
<td>246,683</td>
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</tbody>
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