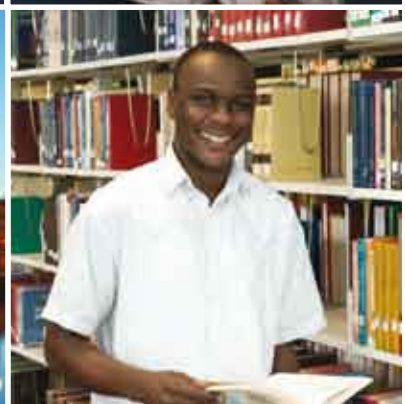
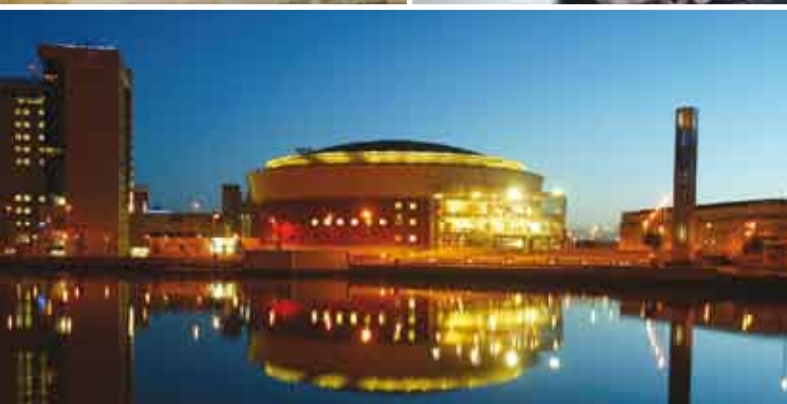
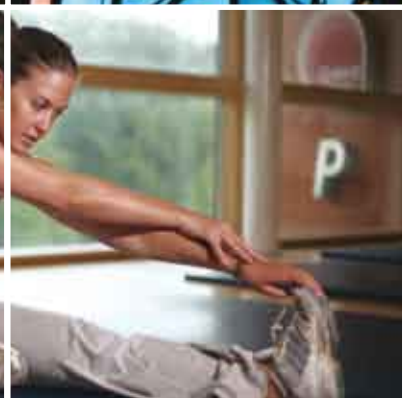




# GLOBAL IMPACT FROM THE HEART OF NORTHERN IRELAND

WE ARE QUEEN'S UNIVERSITY BELFAST  
*We are exceptional*







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## Queen's reaches out across global frontiers, spreading knowledge, making a difference.

*The Chancellor of Queen's is His Excellency Kamalesh Sharma, Secretary-General of the Commonwealth. A career diplomat, he served as India's permanent representative to the United Nations. From 2002 to 2004 he was the UN Secretary General's Special Representative to East Timor. He became Indian High Commissioner to the UK before taking on his Commonwealth role in 2007. He has been Chancellor since 2009.*

Queen's is a powerhouse of learning and enterprise, an exceptional university with a distinguished heritage. But it is not defined solely by past glories. It looks eagerly to the future, to the changing needs of new students and the global community it seeks to serve.

The University provides a unique educational platform for quality graduates. The teaching they experience sets them on a journey for life.

As a research university of global distinction, Queen's contributes to positive social transformation.

The Water For Life scheme, first developed in India and now extended to other parts of the world,

is an example of such a success – providing people with clean water, the most basic of human needs.

Through dynamic projects like this, rooted in passion and purpose, Queen's reaches out across global frontiers, spreading knowledge, making a difference. It sends a message of academic excellence and unique service to society from a university which is playing an increasingly important role on the world stage.

It is an exceptional place and I am honoured to be a part of it.

**His Excellency Kamalesh Sharma,  
Chancellor of Queen's University  
Belfast**





We offer an exceptional educational experience to a diverse student body, on a campus that is the heartbeat of Northern Ireland.

The ever-increasing global importance and influence of our University is a tribute to our greatest resource – our people – the staff, students and graduates.

The innovative work of our educators equips our international student body with professional skills and benefits for life.

Our students and researchers engage in groundbreaking work which is changing lives for the better all over the world.

Our graduates make their mark in business, science, medicine, and the arts. They are global citizens, ambassadors for our University wherever they go.

Our reputation is founded on the impact of our education and research programmes on society around the world, facilitated by our global partnerships such as that with Petronas, the Malaysian oil giant.

We offer an exceptional educational experience to a diverse student body, on a campus that is the heartbeat of Northern Ireland.

External recognition of our achievements includes five Queen's Anniversary Prizes for Higher and Further Education, most recently for Northern Ireland's Comprehensive Cancer Services programme in 2011, and four consecutive Times Higher

Education Awards, from 2008 to 2011, including 2009 Entrepreneurial University of the Year.

Queen's is an international centre of academic excellence, and it continues to grow even stronger as we look to an exciting future.

**Professor Sir Peter Gregson,  
President and Vice-Chancellor  
of Queen's University Belfast**





Queen's is a dynamic presence at the heart of Northern Ireland life.

After more than 150 years of growth, its influence spreads far beyond the elegant surroundings of south Belfast, where the magnificent Lanyon building, dating from the mid 19th century, symbolises a wealth of heritage and history.

Queen's brings Northern Ireland to the world and the world to Northern Ireland.

This is a region of the UK which is celebrating a rebirth, enjoying a new era of popularity and influence. There is much to be proud of – spectacular scenery, including the Giant's Causeway, a World Heritage site; a vibrant cultural life and the innovation and creativity of the people, past and present.

In Belfast, significant investment has been made in University projects, which both enhance the fabric of the city and maintain its reputation for enterprise.

Examples include:

- The development of a world-class Medical School and Institute of Health Sciences, which will transform healthcare in Northern Ireland and in the wider context.
- The new McClay Library, one of the finest in any modern university.
- Riddel Hall, once a residence for female students, now reborn as an Executive Education Centre.
- The Institute of Electronics, Communications and Information Technology, the flagship building in the Titanic Quarter Science Park.

Through projects like these, Queen's makes a vital contribution to the social and economic development of all of Northern Ireland. This will

QUEEN'S PEOPLE



**Nobel Laureate Seamus Heaney**

Perhaps the world's most famous living poet, Seamus Heaney graduated from Queen's in 1961 with a degree in English. He is also a former member of staff and an honorary graduate.

The University is proud to be the home of the poetry centre that is named after him.

He has been awarded the Nobel Prize for Literature, the TS Eliot Prize and two Whitbread Prizes.

He has been Professor of Poetry at Harvard and Oxford and in 2011 he was named by the Observer newspaper as one of Britain's top 300 intellectuals.





increase as the University's global reputation grows.

Belfast and Queen's share international connections. Belfast is linked to sister cities such as Nashville, Tennessee. Queen's in turn has productive academic partnerships with that city's Vanderbilt University.

One of the most productive international collaborations is with

universities and industry in Malaysia where there is also one of the largest alumni associations. Malaysian staff and research scholars at Queen's have made significant contributions to research projects. Malaysian delegations visit Queen's each year and our academic staff travel to Malaysia regularly.

Queen's enhances the life experience of its students and academics. The University

celebrates their cultural diversity and the increasingly international make-up of the local population. Important festivals such as Diwali and the Chinese New Year are part of campus life.

The people of Northern Ireland, whether they are figures of international renown or those who are less well known, have an engaging charm and a confidence which has survived a difficult recent history.

Queen's and Northern Ireland share a vision. It is of a future in which lives are changed for the better. The horizons have never been broader.

No matter where I meet people in the world, there is a path that leads back to Queen's.

QUEEN'S PEOPLE



Dr Liam Neeson OBE

In 2009, the acclaimed actor was awarded an honorary doctorate from Queen's at a ceremony in New York.

Thirty-eight years earlier, he had enrolled as a student of physics

and computer science. However, academia's loss was to be cinema's gain. Since then he has starred in some of the most popular films of all time, including Star Wars, Schindler's List and Batman Begins.



QUEEN'S PEOPLE

President Mary McAleese

President of Ireland for two terms from 1997 to 2011, she has also had a career as a lawyer, journalist and academic. She graduated from Queen's in 1973 and was called to the Northern Ireland Bar in 1974.

In 1987 she became Director of the Institute of Professional Legal Studies at Queen's. She later served as Pro-Vice-Chancellor. During her Presidency she has been consistently active in encouraging peace and reconciliation in Northern Ireland.



## EDUCATION: A LIFE-CHANGING STUDENT EXPERIENCE



### Queen's produces graduates of world renown.

Throughout its history, Queen's has been producing graduates of international renown.

There are Nobel laureates – David Trimble for his work towards peace and Seamus Heaney for poetry. Other distinguished poets include Michael Longley and Paul Muldoon.

There are doctors – Professor Frank Pantridge, inventor of the mobile defibrillator. There are diplomats – Dr Francis Campbell, former British Ambassador to the Vatican and now Deputy High Commissioner in Karachi. There are leading figures in business and industry, scientists whose research has transformed the lives of millions.

Many become familiar names but there are thousands of others who are less well-known. They come from different countries, diverse backgrounds, from places as far apart as Belfast and Beijing, but throughout the University's long and distinguished history they have made a difference to the world around them.



## EDUCATION: A LIFE-CHANGING STUDENT EXPERIENCE

Like those who have gone before, today's students at Queen's are on the journey of a lifetime. They gain an education that expands minds and opens doors to a wider world.

The University is truly international in its outlook and in the make-up of its students and staff. As they address global issues, they do so in some of the most modern buildings of any university. These include the International and Postgraduate Student Centre, and award-winning McClay Library, opened officially in 2010 by Nobel Laureate Seamus Heaney who described it as 'a starship for our scholars.'

The Library is named after the pharmacist and Northern Ireland philanthropist the late Sir Allen McClay who also contributed to the world-class facilities at the School of Pharmacy and the Centre for Cancer Research and Cell Biology.

These are some of the resources enhancing the University's standing as a member of the Russell Group of leading UK universities. Other developments include the new Executive Education Centre which will meet the needs of global and



### QUEEN'S PEOPLE

#### Therese White

The Queen's student of the year for 2011. Therese won an internship with NASA in Florida, the only UK student to do so, and assisted with preparations for the final mission of the space shuttle Endeavour.

A medical student, she believes the internship opened up the field of aerospace medicine for her. As President of the Students Working Overseas Trust, Therese has been the driving force behind a campaign, which raised a significant amount of money towards work on cystic fibrosis, from which she herself suffers.





**QUEEN'S PEOPLE**

**Vincent Murray**

Vincent was named Student of the Year in 2010.

As Chair of Students In Free Enterprise, a global network at Queen's dedicated to nurturing entrepreneurial skills, he was responsible for leading a number of peace and reconciliation projects and assisted a charity in Uganda which aims to improve the lives of families torn apart by the ravages of AIDS.

In addition, he won a major student business challenge award at Virginia in the USA.

regional business enterprise, attracting both alumni and newcomers to its exciting programme of work.

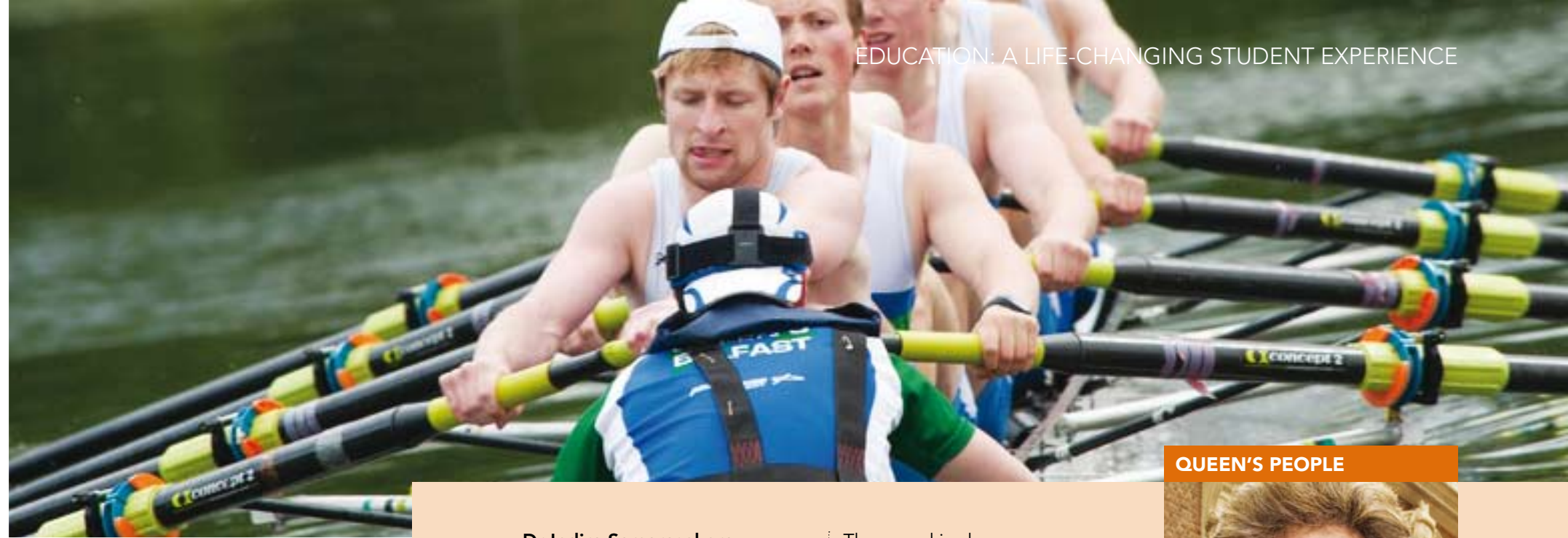
Away from study, there is a vibrant network of clubs and societies, while sport also plays an important part in life at Queen's. Queen's rowers won the 2010 UK University Championships and a bronze medal in the World Student Championships.

Queen's is in partnership with the INTO organisation, providing a study centre in Belfast for international students, helping them to broaden their language skills and adapt to their new surroundings as they embark on university life.

Student movement – both to and from Queen's - is actively encouraged through links with countries across Europe but also with the Americas, India, Malaysia and China.

Queen's has forged links with:

- **China:** More than 400 students have come to Queen's from



**QUEEN'S PEOPLE**

**Dr Indira Samarasekera**

One of Canada's best-known public figures, Dr Indira Samarasekera received an honorary doctorate from Queen's in recognition of her distinctive work in mechanical engineering and services to higher education.

The award is also an acknowledgement of her role as President of the University of Alberta with which Queen's has strong academic links.



Shenzhen University for undergraduate programmes in management, law, engineering and computing. Vibrant collaborative programmes of study exist between the School of Pharmacy and the China Medical University, Shenyang, and the School of Chemistry and Chemical Engineering and the East China University of Science and Technology.

- **Malaysia:** A major student-led conference on engineering science organised in Kuala Lumpur in July 2011 by Queen's and the University of Malaya, a follow-up to the

Now a proud alumnus of Queen's University Belfast, I will be your ambassador around the world.





QUEEN'S PEOPLE

Dr Gail McConnell

A poetry scholar, Gail was the first Queen's student to become a graduate student fellow at the Robert Penn Warren Center at Vanderbilt University in Nashville, Tennessee. This was described at Vanderbilt as 'a model for international collaboration.'

She is now a staff member of the Queen's School of English, convening a third year module on British Poetry 1940-1995.

inaugural conference in Belfast in 2010. A Queen's staff member in Kuala Lumpur, Miin Kong, is the University's representative within the Malaysian market, helping to develop the University's partnerships and profile.

- **USA:** Students from Fordham University, New York, and University College, Dublin, attend an annual summer school at Queen's, organised by the School of Law. There is an extensive programme of internships for Queen's students including placements in Washington DC and with major US multi-national companies.
- **India:** Student and staff exchanges between the School of English and the University of Hyderabad; student exchanges between Queen's and Jawaharlal Nehru University; there is also a significant research partnership between Queen's and the National Institute of Immunology, New Delhi, supported by the Department of Biotechnology, India.
- **South America:** There are extensive research collaborations with leading South American universities, complemented by



student exchanges, supported by Santander.

- **Europe:** Queen's is one of the top 10 universities in Europe helping students to gain work placements through the Erasmus programme.

The University is recognised for providing a link between education and entrepreneurship. Enterprise teaching is a core ingredient of all subject courses, an innovation which has been taken up by the EU. Queen's has also developed an international innovation programme in partnership with Trinity College Dublin and University College Dublin.

Winning the Times Higher Education award for the Entrepreneurial University of the Year in 2009 is recognition of the University's unique work.

Over the past 25 years, the venture spin-out company, QUBIS Ltd, has helped to create more than 50 businesses based on ideas developed at Queen's, generating over 1,000 jobs to the betterment of the community and the advancement of knowledge around the world.

QUEEN'S PEOPLE

David Gibson OBE

Queen's University Management School

David Gibson has been named by the US Association of Small Business and Entrepreneurship as the top enterprise educator in the world. He has also been awarded the 2011 Times Higher Education Most Innovative Teacher of the Year.

His motivational model of teaching has become a core element of every course at Queen's. It has been taken up by the European Training Foundation to enhance the employability of graduates throughout Europe.



In becoming world leaders in enterprise education we've become leading edge entrepreneurs ourselves.





QUEEN'S PEOPLE



**Professor Zhang Jie**

Professor Zhang Jie, President of Shanghai Jiao Tong University, one of the world's top universities, is the distinguished recipient of an honorary degree from Queen's for his work in physics.

He has a world-wide reputation in the fields of x-ray lasers and high

field and laser plasma physics. His academic achievements have been recognised by numerous honours and awards and he is the author of more than 100 academic papers.

He serves on a number of international committees and is the youngest president in his university's history.

The pioneering research being carried out at Queen's makes an impact right around the world.

Our engineers, physicists and chemists are part of a proud heritage of discovery - from groundbreaking work in the 19th century which led to the development of the home refrigerator, through the early days of laser technology in the 1960s, right up to the needs of today's world, such as cybersecurity, in which Queen's plays a world-leading role.

Membership of the Russell Group, the UK's leading research-intensive universities, brings responsibility. Improving lives is a

key aspiration, as shown by the achievements of our scientists and academics.

Examples include:

- Professor Tracy Robson of the School of Pharmacy has led research of global significance in the treatment of breast and prostate cancer.
- Professor Alan Stitt won the 2010 Royal Society Wolfson Research Merit Award to support the innovative research being carried out at the Centre for Vision and

We're offering new possibilities for cancer-sufferers who had lost hope because of developing resistance to other forms of treatment.



QUEEN'S PEOPLE

**Professor Tracy Robson**

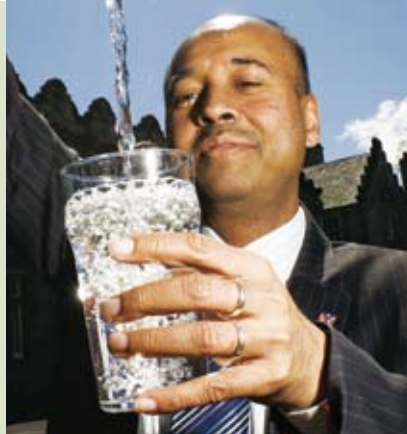
School of Pharmacy  
Professor Robson specialises in molecular pharmacology at the Queen's School of Pharmacy.

Her work on drug discovery has been recognised for its international importance.

In collaboration with the research firm Almac Discovery, she has led a groundbreaking project to develop a new way of killing cancer tumours, developing a drug treatment that could be particularly effective in treating prostate and breast cancer.



QUEEN'S PEOPLE



**Dr Bhaskar Sen Gupta**

School of Planning, Architecture and Civil Engineering

Dr Bhaskar Sen Gupta is a world-renowned and award-winning environmentalist whose pioneering work is transforming millions of lives through his 'Water for Life' project. This removes arsenic from

ground water without the use of chemicals. His first plant was developed in India with others now in China, Malaysia, Vietnam and the USA.

The project led to the 2010 Times Higher Education Award for the Outstanding Engineering Research team.

Clean water is a fundamental human need. I'm very proud to be able to help so many people.

Vascular Science into vascular stem cells and eye disease.

- Professor Stuart Elborn, Director of the University's new Centre for Infection and Immunity, has made critical advances in the study and treatment of cystic fibrosis, co-leading an international team which has developed a new drug with the potential to improve the lives of sufferers throughout the world. Specialists from Europe, Australia and the USA are involved in the project.

- The challenges of the digital world are the focus of the Centre for Secure Information Technologies, led by a distinguished Faraday Medallist, Professor John McCanny FRS.
- Professor Haifeng Wang of the School of Electronics, Electrical Engineering and Computer Science is developing technology to make future electricity systems cheaper and cleaner.
- Professor Stephen Smartt and

Professor Alan Fitzsimmons of Queen's Astrophysics Research Centre, whose work on Pan-STARRS has contributed to identifying near-earth objects.

The University has also won five Queen's Anniversary Prizes for Further and Higher Education in green chemistry, palaeoecology, environmental research, law and, in 2011, for cancer services.

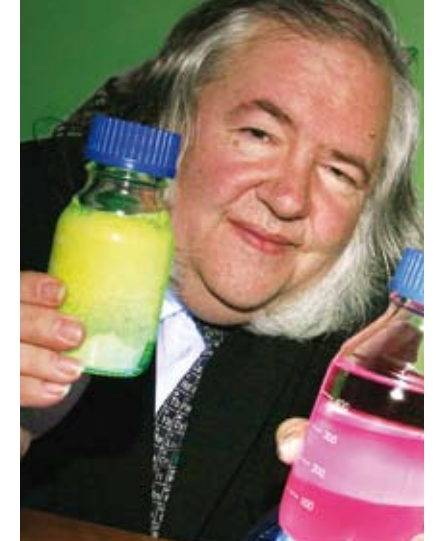
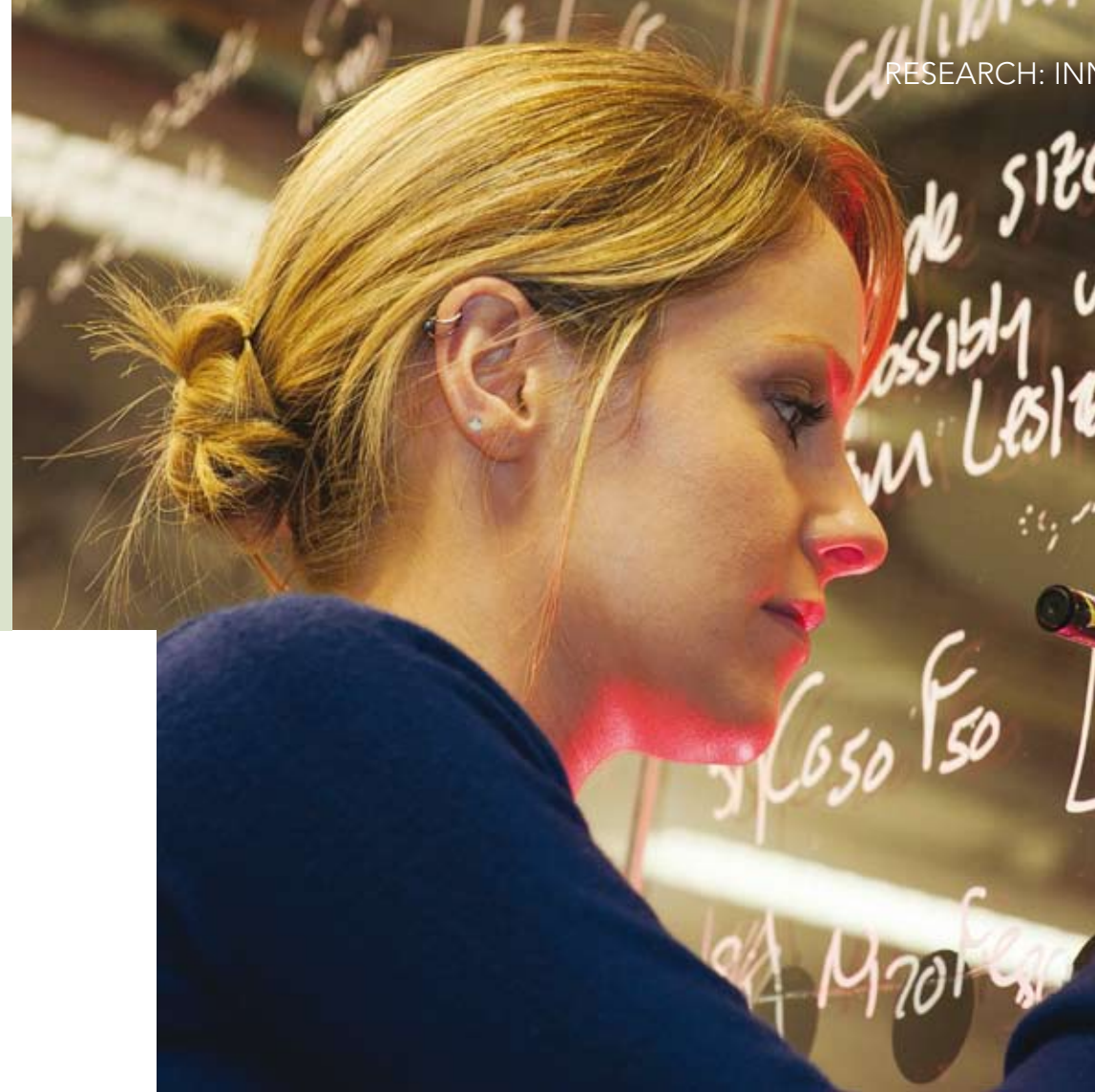
Knowledge knows no boundaries. Partnerships with universities around the

world and with international industry play a vital role in developing ideas.

Through the UK Science Bridge initiative there is intensive collaboration with China, an interchange of staff and students involving Queen's and Shanghai

Jiao Tong, Chongqing and Shanghai Universities. And there is a commitment from the China Scholarships Council to PhD students coming to Queen's.

A collaboration with the Malaysian national oil giant Petronas and



QUEEN'S PEOPLE

**Professor Ken Seddon**

Professor of Inorganic Chemistry and a Director of QUILL, a collaborative research centre between university and industry, he was ranked in 2011 by Times Higher Education as the UK's leading research chemist of the past decade.

His contribution to green chemistry has received world recognition. 'Green chemistry is about doing things in better, cleaner, cheaper and more efficient ways.'





**QUEEN'S PEOPLE**

**Dr Bob Bell**

The technical director of the Mercedes Formula 1 team, he gained his Doctorate in Aeronautical Engineering at Queen's.

Since 1982 he has had a distinguished career in motor racing with McLaren, Benetton, Jordan and Renault where, as lead design engineer, he was credited as playing a vital role in Fernando Alonso's two consecutive F1 titles in 2005 and 2006. He joined Mercedes in 2011.

other international funders has led to research projects in the area of green chemistry, including the establishment of a Petronas laboratory at Queen's under the guidance of the Times Higher Education UK's top two chemists of the decade, Professor Ken Seddon and Dr John Holbrey. Their research has established new technologies that are now being applied in Petronas refineries.

There are also strong and long-established links with a number of universities in Malaysia and a thriving alumni association there. Important work in cancer research is also carried out in partnership with the National Institute of Immunology in New Delhi. Key figures have been recruited by Queen's to drive the development of the new Institute of Health Sciences in Belfast, among them Manuel Salto-Tellez, now the University's Professor of Molecular Pathology and formerly at the National University of Singapore. At Queen's he will help transform the way medical and biomedical science research is carried out, advancing the



**QUEEN'S PEOPLE**

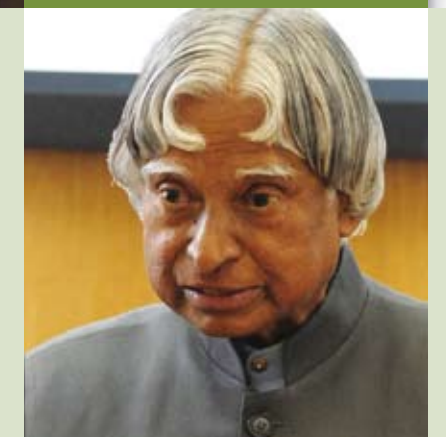
**Dr APJ Kalam**

President of India from 2002-2007, Dr Kalam is an internationally-renowned space scientist who was awarded an honorary doctorate by Queen's for distinction in public service, further strengthening the University's connections with India.

A former Principal Scientific Advisor to the Indian Government, he is an award-winning aerospace engineer

who played a leading role in his country's developing technology, including the landing of India's first unmanned lunar spacecraft.

He has been described by the Vice-Chancellor, Professor Sir Peter Gregson, as a statesman, scientist, educator and visionary who has inspired millions in his native India and around the world.







QUEEN'S PEOPLE



**Dr John J DeGioia**

Queen's academic and research links with Georgetown University in Washington DC were further strengthened by an honorary degree for Georgetown's President Dr John DeGioia.

He has been an enthusiastic supporter of collaboration

between the universities which he has described as places 'that will ensure a continuous engagement in the search for truth.' This principle has been applied in the development of the biennial George Mitchell Conferences, which focus on conflict resolution and transitional justice.

University's reputation for life-changing work.

Collaboration with multi-national enterprises has helped in the development of distinctive areas of research such as nanotechnology. The ANSIN Centre in the School of Mathematics and Physics, an advanced materials research hub, is the result of a £9.5m investment by the US company Seagate Technology.

Arts and Humanities have been recognised by a Times Higher Education Award for Excellence and Innovation in the Arts. Opportunities include creative writing research and education programmes linking the Seamus Heaney Centre for Poetry and the Robert Penn Warren Center at

Vanderbilt University in Nashville, including PhD student exchanges.

The work goes on, and it continues to demonstrate the value that Queen's research provides for the local and national economies, for international business and for universities and communities around the world.



QUEEN'S PEOPLE

**Sultan Mizan Zainal Abidin**, the 13th Yang di-Pertuan Agong, receiving his honorary degree from Queen's University's President and Vice-Chancellor, Professor Sir Peter Gregson at the Melawati Palace, Putrajaya, Malaysia in 2009.

The impact of sharing ideas and research with colleagues from Queen's, offers rich opportunities for our faculty and students.



# CONTACT



Queen's University Belfast has representatives based in China, Malaysia, South East Asia and the Middle East.

For further information on internationalisation activities, please contact:

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[www.qub.ac.uk](http://www.qub.ac.uk)





- A first-class student experience in world-class facilities
- A Russell Group university: one of the UK's 20 leading research-intensive universities
- Second safest city in the world (United Nations)
- World leading Research in all areas (Research Assessment Exercise 2008)
- 77% of Queen's Graduates are in graduate level jobs "immediately on leaving" (Sunday Times University Guide 2012)
- "Teaching and Research... in the front rank of UK universities" (Guardian 2011)
- One of the top 10 Erasmus universities for work placement throughout Europe
- Five Queen's Anniversary Prizes for Higher and Further Education, including Northern Ireland's Comprehensive Cancer Services programme in 2011
- Four consecutive Times Higher Education Awards (2008-2011), including Entrepreneurial University of the Year 2009
- Six subjects ranked in the world Top 100 (QS World Rankings 2011)
- Lowest cost of living in the UK (Mercer.com 2011)





Queen's University  
Belfast