

🗱 Ulster Ban

CLASS OF 2007 44

Autumn 07

Message from the Editor

With Queen's Centenary year rapidly approaching in 2008, I am delighted to welcome you to the new-look, renamed alumni magazine. *The Graduate* embraces a fresher and much livelier style echoing the University's confidence as it continues to deliver a world-class experience.

Your alumni publication once again focuses on graduate news and is brimming with stories on the latest developments at Queen's. You can read about the important roles of Queen's graduates in the new local Assembly (p6); how one former student has helped steer Northern Ireland's football team to the top of Europe (p40), and the latest on online dating (p34)! There are also articles on Queen's input into groundbreaking laser research for cancer treatment (p20); insight into how the University has linked up with charity WAVE to develop the first Diploma in Trauma Studies in Northern Ireland (p26), and details of Queen's contribution to a major new study of divided world cities (p30).

And if you are wondering what has happened to your former classmates since you graduated, there's an expanded Class Notes section crammed with all the latest news.

Alumni feedback on this inaugural issue of *The Graduate* would, as always, be most welcome to editor@qub.ac.uk, or in writing to the address given.

And remember, you can keep up-to-date with all the latest graduate news from Queen's by visiting the website – www.qub.ac.uk/alumni.



I look forward to hearing from you.

Gerry Power Editor



*Exclusive to First Time buyers

XX Ulster Bank

Our 100% mortgage means you can move into your first home faster. By removing the need for a deposit, we've designed a package that gives you the full value of your first home, up to £200,000. So instead of waiting around until you have your deposit saved, you can now get down to business straight away, and without the hassle.

To find out more about our 100% Mortgage, just drop into any Ulster Bank branch or visit our website - www.ulsterbank.co.uk

YOUR HOME MAY BE REPOSSESSED IF YOU DO NOT KEEP UP REPAYMENTS ON YOUR MORTGAGE

Calls may be recorded. *Northern Ireland residents and First Time Buyers only. Security and insurance may be required. Subject to status and conditions. Lending terms and conditions apply. 100% LTV available on all Ulster Bank residential mortgage products. Mortgaged property to be in Northern Ireland. Maximum mortgage amount of £200,000. Residential property only and not applicable for 1 bedroom, studio and multi storey flats. 1 property per customer. Ulster Bank Limited. Registered in Northern Ireland, Registration Number R733. Authorised and regulated by the Financial Services Authority.

Shelagh Rosemary Rainey, BA English & Latin 1967, has drawn to our attention a number of factual inaccuracies in the article 'A Life Fulfilled' (p39, Queen's today, 2007). Rosemary developed ME in 1991 and not at Queen's as stated. The spelling of her forename (Shelagh) was also incorrect. The Editorial team have apologised privately and now do so publicly for the errors.

Editors: Gerry Power & Kevin Mulhern

Managing editor: Tracey McKinney

Designer: Darragh Neely

Contributors: Shauna Hughes Jacqui McCormick Eugene McCusker David Maxwell Kerri Warnock

Editorial office: Development and Alumni Relations Office Queen's University Belfast BT7 1NN Northern Ireland

Tel: +44 (0)28 9097 5322 Fax: +44 (0)28 9097 5188 editor@qub.ac.uk www.qub.ac.uk/alumni

Cover: Graduates of the Year, Dr Nigel Hart and Dr Roger McMorrow (see p32)

© Development and Alumni Relations Office

The Graduate is a magazine for alumni and friends of Queen's University Belfast.

Extracts from *The Graduate* should not be published without the approval of the Editors. Any views expressed by the contributors are not necessarily those of the University or the editorial team.

The University does not take responsibility for the advertisements within this publication.

Printers: Corporate Document Services

THE GRADUATE

Contents



COVER STORY

Graduate and Student of the Yea Dr Nigel Hart and Dr Roger McMorrow discu Student of the Year, Neo discusses his pride a

FEATURES

The Art of the Possible The Graduate meets Arlene Foster and Barr who are reunited in the corridors of power.

Happy Birthday Queen's! How Queen's plans to celebrate 100 years as

The New Dating Game The Graduate talks to Dr Monica Whitty abo

Sea of Green Queen's graduate and Head of Marketing an Northern Ireland's recent rise in football fortu

GRADUATES

Class Notes Notice of Annual Meeting of Cor Golden Jubilee 2008 Queen's Graduates' Association Celebrating the Class of 2007

FACULTY OF ENGINEERING AN

High-powered laser research Profile - Doctor David Linton Aeronautics Conference puts Que New David Bates Building

FACULTY OF MEDICINE

Queen's helps in fight against Al Group breathes new life into Cys Profile - Professor Jennifer Ames Peake Practice

FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES

The Mitchell Symposium Profile - Professor Richard English Divided Cities Calling all Graduates

QUEEN'S SPORT

Corporate health promotes corporate The Campaign for Queen's races on

MISCELLANEA Sudoku, Quiz and Teaser



taking you around the world

McNeill Menary Travel

McNeillMenary.com/biz (028) 9020 2090

Preferred Business Travel Agent for Queen's University Belfast

SkiM^CNeill

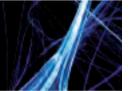
Dedicated to your perfect ski holiday

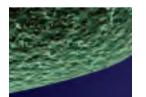
Fly direct from BELFAST to FRANCE, AUSTRIA, ITALY, ANDORRA & CANADA or to USA, BULGARIA, NORWAY, SLOVENIA & SWITZERLAND from DUBLIN & UK

Book online: **skimcneill.com** by phone: **028 9066 6699** in person: **421 Lisburn Road, Belfast**















P5

ear 2007 uss their Everest research mission and rescue operation. at winning this year's Award.	32
ry McElduff, two former Queen's students	6
as a leading university.	10
bout her innovative research into online dating.	34
nd Communications at the IFA, Geoff Wilson discusses runes.	40
nvocation	12 38 42 43 44
ND PHYSICAL SCIENCES	20
ueen's on international stage	21 22 23
IDS /stic Fibrosis Research s	24 25 25 26

	28
sh	29
	30
	31
porate wealth	36
s on	37

FEATURE

The Art of the Possible

As the Assembly starts the first full term since restoration last spring, David Maxwell speaks to two former Queen's students who are reunited in the corridors of power.



University life prepares you for many things, but few students at Queen's in the 1980s could have imagined running the country one day. Northern Ireland, beleaguered by conflict, had become used to being ruled at arms-length. Yet two students, who came to Queen's in that decade, have joined the many other University alumni who now walk the corridors of power in Stormont.

Barry McElduff came to Queen's in 1984 to take up a degree in Celtic Studies and Political Science. He was born in Carrickmore, County Tyrone, and his move to Belfast was his first time living away from home. From as young as he can remember Barry was interested in politics, and for him the political situation at that time had a big impact on his University experience:

> "In all honesty, my life then was trying to secure a degree gualification and at the same time being a bit of a political player. Even at that young age, I was distracted by political developments and by the conflict all around me. And these were very politicallycharged times - just after the hunger strikes," he recalled.

> > Barry was not heavily involved in student politics at the University, but he did find an outlet for his other

great passion at Oueen's. Gaelic football: "One of the things I liked

"I remember at Queen's being surrounded by some of Ireland's best Gaelic and rugby players and I counted that a huge privilege"

BARRY McELDUFF

most was playing Gaelic football for the Freshers' team. I was privileged to play alongside the likes of Henry Downey, who went on to lift the Sam Maguire Cup for Derry. I remember at Queen's PEC being surrounded by some of Ireland's best Gaelic and rugby players and I counted that a huge privilege."

Arlene Foster arrived at the University in 1989 from Fermanagh. It was not her original intention to study Law, but her grades made this option possible and she decided to go for it. For Arlene, it was guite a shock to move to the 'big city', and in her first year she lived in the halls of residence at Hamilton Hall: "Paddy Kielty was in those halls at the same time," she revealed with some pride.

	RY N		
DAR	KY IV		

In her first year, Arlene found comfort in making regular visits to her aunt who lived in Dunmurry: "I used to go to her quite a lot, so it wasn't really until second year that I fully settled into Queen's life and moved in with girls who studied Law with me."

"I think some of my most meaningful friendships have come from my time at Queen's"

ARLENE FOSTER

Unlike Barry McElduff, Arlene embraced student politics, immediately joining the Queen's Unionist Association: "I took a very active interest in it (the Queen's Unionist Association) and student politics as well. I would have represented the Law Faculty in Student Council and stood for election. I suppose student politics was my main hobby outside of Law," she added.

Politics outside the University inevitably found their way inside during Arlene's time at Queen's, but overall, she says she looks back on her time with fondness: "I think some of my most meaningful friendships have come from my time at Queen's. I

lived with three other girls on Lower Windsor Avenue and our house became known as 'Windsor Castle'!"

When graduation day came for Barry and Arlene, they were both faced with the daunting prospect of what to do next. For Barry, there was little doubt in his mind about what he wanted to do. His passion for the Republican cause was undiminished and he immediately started volunteering with Sinn Féin:

Sinn Féin, but I made the offer as soon as I had completed my degree to work full-time in a voluntary capacity and income didn't come into it," he explained.

ARLENE FOSTER

Studied: Law Born 1970 3rd of 4 children (2 sisters, 1 brother) Married with three children - Aged 7, 5 and 1 Aghadrumsee Primary - Rosslea and Moat Primary - Lisnaskea Collegiate Grammar School for Girls - Enniskillen Main hobby: Reading historical books and looking after children!

"I was already a member of

THF GRADUATE

FEATURE



couple of years, difficult years, but things have settled down and I'm very happy with where I am now"

ARLENE FOSTER

At the end of her time at Oueen's. Arlene had also decided on her next move. She opted to work for a solicitor's office in Enniskillen before going to the Institute of Professional Legal Studies to take her professional gualifications. Now a DUP minister in the Northern Ireland government, she doesn't miss the irony in the fact that she was, at that time, being taught by a future Irish President. "Mary McAleese was the head of the Arlene Foster's arrival as an elected

Institute, so it's very interesting the way in which Northern Ireland is such a small place."

Barry McElduff was first elected in 1996 to the Peace Forum for the constituency of West Tyrone. He was elected to the subsequent Assembly and has defended his seat in both Assembly elections since as a member of Sinn Féin. He is also currently the Chair of the DCAL Committee. For him, there is no greater honour than representing his beloved Tyrone: "To be successful where you are from is a major challenge, it is an amazing privilege to represent those people because you are of those people," Barry stated.

member of the Assembly came later. She was first elected in 2003 as an Ulster Unionist Party representative for Fermanagh and South Tyrone, but after a period of upheaval in Unionist politics, she left the party in the same year and joined the DUP. She says it was a hard period for her: "It was a turbulent couple of years, difficult years, but things have settled down and I'm very happy with where I am now."

Arlene may have arrived late to Assembly politics, but she has more than made up for it. She's now Minister for the Environment, which she says is very challenging: "It has guite a range of functions, from road safety through to planning and environmental issues." In fact, the Minister pointed out that she was

about to leave for a fact-finding trip to Rathlin Island with the Royal Society for the Protection of Birds.

e first meeting of the Northern Ireland Exe

At his office in the palatial surroundings of Parliament Buildings, Stormont, Barry explained the role he feels Queen's has played in getting him to where he is today: "Confidence. I am grateful to Queen's University Belfast, for the confidence it gave me. You are not always aware of it, but on occasions, people observe that about those who go through third level education.

"It also gave me imagination and I'm thankful for that because, is it Einstein who said: 'Education is important and will take you a long way, but imagination will take you even further'?"

With a troupe of civil servants in the next room and a large office overlooking Belfast, it's hard to escape the conclusion that Arlene Foster has pretty much reached the pinnacle of a political career in local government. She too feels that her experience at Queen's equipped her well for the job she does today: "Law gives me the analytical skills that are important for a job like this, because a lot of paperwork comes across the desk, and you have to see where the issues are that are important to you. I think it is important, very important, that we have people in government here in Northern Ireland who have been to Queen's as the premier University."

While their time at Queen's did not overlap, both Barry McElduff and Arlene Foster are proud of their

"I am grateful to Queen's University Belfast, for the confidence and imagination it gave me"

BARRY McELDUFF

association with the University. Poles apart in their politics, they now both work to achieve a better future for the people of Northern Ireland.

By working together as part of their respective party groups and by taking important decisions at a local level, they are making what once seemed impossible, possible.

FEATURE

Happy Birthday Queen's!

The year 2008 marks a significant milestone in Queen's history, as the University celebrates its 100th year as an independent university. As part of the commemorative celebrations, a year-long events programme will be unveiled to mark the centenary of the granting of the Charter.

On 1 August 1908, the Irish Universities Act provided for the foundation of a new University at Belfast and for the formal dissolution of Queen's College. On 2 December 1908, HM King Edward VII granted the Charter founding "a University having its seat in Belfast... to bear the name of The Queen's University of Belfast."

The granting of the Charter in 1908 is a hugely significant historic event in the life of Queen's - as important as the setting up of the Queen's Colleges in 1845 - giving it the authority to issue degrees in its own name. So 2008 presents a unique opportunity for the University to celebrate its birthday in style with its students, staff, graduates and the local community.

The University's Centenary Programme will be packed with key events throughout the year. These will build on the heritage and achievements of Queen's over the past 100 years and maximise the positive image of the University, both locally and internationally.

In addition to recording its accomplishments from the past century, Queen's will continue to lead the way in educational, economic, cultural and social development. The Centenary also affords staff and students, past and present, the opportunity to share in the pride of Queen's inspirational legacy. To mark the Centenary, a speciallycommissioned logo has been designed to complement the University's mark for use throughout the year. A calendar of events engaging the entire Queen's family will be rolled out. Plans are already afoot for an extensive graduate programme to include a Charter Day Dinner, special guest lectures and a commemorative alumni magazine. The University's associations around the world will also be celebrating the Centenary with special events planned in California, Malaysia, New York, Toronto, London, Dublin and Edinburgh.

The early part of the year will include a special Centenary Honorary Graduation ceremony, a Convocation Lecture and the Mitchell Law Symposium featuring a host of high-

"2008 presents a unique opportunity for the University to celebrate its birthday in style with its students, staff, graduates and the local community"

profile political and academic key speakers and round-table discussions. An International Culture and Taste Fest on the front lawn and a Student Fringe Festival in the autumn will add colour and spectacle and open the celebrations to the people of Belfast. The Centenary will culminate in 'Lives

and Times: A Journey through Queen's' and the Charter Day Dinner on 2 December 2008 - the 100th anniversary of the granting of the Charter. 'Lives and Times: A Journey Through Queen's', is a unique sound and light show which will dramatise the history and significant achievements of Queen's over the past century, against the stunning backdrop of music and visual presentations beamed onto the Lanyon Building. The Charter Day Dinner, the final event of the year, will round-off 12 months of special activities and look forward to the next century in the life of Queen's.

As Queen's prepares to celebrate its 100th birthday as an independent university, it is fair to say that there has never been a better time to join the party!



CELEBRATING 100 YEARS AS A LEADING UNIVERSITY

Queen's Centenary logo



A graduation, circa 1886.



The British Universities Students' Congress of 1908.



Vegetable plots in the Quad during World War II





Her Majesty Queen Elizabeth II on her visit to Queen's in 1953.



Salute the Soldier Week in May 1944.



The Queen's Campus, circa 1930.

THE GRADUATE

GRADUATES

Class Notes 2000s

Cameron Lee. BArch 2007, has the distinction of being top of the 2007 class in his subject. He was the single Queen's nominee for a series of awards in Northern Ireland and Dublin, and won the Landscape Institute award. He has recently joined Scott Tallon Walker and is currently involved in designing the new Lansdowne Road stadium in Dublin. Cameron can be contacted at lee.cameron@yahoo.co.uk.

Ella Connolly, LLB 2005, has completed a Legal Practice course at Bournemouth University and secured a paralegal position with Carey Olsen in London. This should give Ella the experience she requires ahead of a training contract that she wishes to find within the next few years. Ella can be contacted at el.connolly@gmail.com.



Adrian Dorrian, BA Theology 2003, was ordained as a Priest in the Church of Ireland on 17 June 2007 in Down Cathedral. He is serving his curacy in the Parish of St Mark's, Newtownards. Adrian can be contacted at adriandorrian@btinternet.com.

Gareth Elliott, BA Politics and Modern History 2003, married Louise O'Donnell, also a Queen's graduate, on 7 July 2007 in Knockmoyle, Omagh. They now live in Twickenham, London. Gareth can be

contacted at gc.elliott@googlemail.com.



Tze Yeung Chui, PhD Electrical and Electronic Engineering 2003, works as a systems engineer in a meteorological data network project. He is pictured with his wife **Carmen** Sook Han Fong, BA Management and Business Studies 2001, and their daughter Enya, born in March 2007 at the Ulster Hospital. Dr Chui can be reached at chui@yesmobile.co.uk.



Ken Tate, BA Social Sciences 2003, will be one of just 75 people to take part in the 2007 Everest Marathon on 5 December 2007. All proceeds go to the Everest Marathon Fund. which supports grass-roots health and education projects in Nepal. Ken can be contacted at ken.tate@ntlworld.com.

Deirdre Kenny, BA Sociology 2002, is experiencing the joy of parenthood. She and partner Tony have a new baby girl, Aibhe, born on 7 April 2007. Deirdre is currently on maternity leave from her job at Crosscare, which is a large voluntary social service agency in Dublin. She can be contacted at K157200@campus.ie.

Leilanie Stewart, BSc Archaeology and Palaeocology 2002, married Joe Cesnik from Minnesota in August this year. They met in Japan when they were both teaching English as a foreign language and now live in Cambridge. Leilanie can be contacted at leilaniestewart@hotmail.com.

Stephen Coulter, BSc Accounting with Hispanic Studies 2001, moved to Bogota, Columbia in January to work with a Christian charity helping to rescue children from the streets and is currently involved in building a school. Stephen can be contacted at guiriman@yahoo.es.

Victoria Sinclair, MA Twentieth Century Music 2001, has formed her own company, Octave Music Solutions. It provides a centralised contact point for musicians looking for work and those seeking music for entertainment. Octave Music Solutions is the only recruitment agency in the UK or Ireland to specialise in music jobs. Victoria can be contacted at info@octavesolutions.co.uk.



Danielle Sinclair (née Judge), BSc Information Management 2001, has been working voluntarily since early 2004 to secure integrated primary education for children in the Moira area. The culmination of this work came when the Department of Education approved a new school, Rowandale Integrated Primary, which opened in September. Further information can be viewed at www.RowandaleIPS.co.uk and Danielle can be contacted at DANNYJUDGE@aol.com.



Gareth Eakin, BSc Computer Science 2001, a school teacher from Portadown, has recently been appointed to the position of FIFA assistant referee - one of a small number from Northern Ireland.

Angela Vance, BA 2000, PGCE 2001, graduated with a MEd and a Certificate in Special Needs from Griffith University last year before undertaking a new challenge - longdistance running! In July, Angela completed the Gold Coast half marathon in two hours and 18 minutes. She continues to train and hopes to motivate some of her special needs students to compete next year. Angela can be contacted at angelavance@bigpond.com.au.

Laura-Anne Collins, BMus 2000, now a professional musician involved with numerous composition projects has recorded her second album, due for release in 2008. Laura-Anne now writes for film and theatre and one of her recent compositions was selected for performance at the annual Royal Music Association's Research Conference by the Kokoro Quartet. For more information, or to

get in touch, visit Laura-Anne's website at www.laura-anne.co.uk.

David McCauley, BEng Electrical and Electronic Engineering 2000, left Nortel Networks in 2001 to form a computer consultancy and maintenance firm, 3D Computer Services. He married his partner at sea in 2003 and now has one stepson. He has settled in Newtownards and has just finished renovating his Victorian terrace.

Daniel Viladrich, BSc Management and Public Relations 2000, married Estela Sanchez in 2000, and in April 2004 they had a baby son Guillem. Daniel is currently Sales Manager and Vice-CEO with Dicomol. He can be

contacted at d.altimiras@dicomol.com.

1990s

Carmen Romero, LLM 1999, has started her own law firm in Spain together with two partners. She can be contacted at carmen_gallagher@yahoo.com.



Alex McClements, BA Modern History and Politics 1998, is working on the new Baz Luhrmann film starring Nicole Kidman and Hugh Jackman. He has worked for Baz and his wife, Catherine Martin, for three years as the Director of IT Services for their production company Bazmark Ing. Alex can be contacted at alexmcclements@lycos.co.uk.

Jeff McFerran, BSc Maths and Statistics 1998, has set up a modern dynamic estate agency called Vision Property. After graduating he worked in London and Dublin before returning to Belfast introducing many new ideas into the local market. He can be contacted at jeff@visionpropertyagents.com.



Darren Toombs, LLB Law and Accounting 1998, has recently been made an Associate Solicitor with Carson McDowell Solicitors. Darren is married to Virginia and they have a one-year old daughter, Angelique. Darren can be contacted at Darren.toombs@carsonmcdowell.com.

Bronagh Marron, BSc Geography 1997, is married to Tony and has two boys, Daniel aged three and Anthony aged nine months. She is working as a primary school teacher. Bronagh can be contacted at bronaghmarron@hotmail.com.

Clive Scoular, MSSc Irish Studies 1996, started to lecture in the Institute of Lifelong Learning after graduating in 1996. He also lectures to many historical societies and schools throughout Ireland. He is the author of five books, has undertaken many history projects for District Councils, and has broadcast on a number of occasions.



THF GRADUATE

THF GRADUATE

Marco Lau, BDS 1985, was recently promoted in the Order of St John to Officer Brother, sanctioned by Her Majesty the Queen, in recognition of more than 20 years voluntary service in the St John Ambulance Brigade Dental Group. Marco can be contacted at

laumao@netivgator.com.

Trevor Ringland, LLB 1982 and David Cullen (a member of Queen's staff) were the recipients of the 2007 Arthur Ashe Courage Award, part of the ESPY awards, the annual sports awards event created and broadcast by American cable television network ESPN.

Trevor and David are pictured receiving their award in the Kodak Theatre (home of the Hollywood Oscars) from actor Samuel L Jackson.



1970s

Dr Robert Bell, BSc Aeronautical Engineering 1979, is currently Technical Director with the Renault Formula One Racing Team, winner of the F1 Constructors' Championships in 2005 and 2006. Dr Bell was born in Bangor and educated at Bangor Grammar School

Kenneth Addley, MB BCh BAO 1979, MD 2000, currently working in Belfast as Director of the Northern Ireland Civil Service Occupational Health Service, has been elected Dean of the Faculty of Occupational Medicine, Royal College of Physicians of Ireland.

George Mark Anderson, BSc

Computer Science 1978, is a resident of Fountain Hills, Arizona and was one of 50 biking enthusiasts from Ireland who recently completed a gruelling 700km cycle tour for charity in South Africa. On completion of the challenge, the cyclists all donated brand new Avalanche Mountain Bikes to needy families in the Cape Flats township, just outside Cape Town. Mark can be contacted at andersgm@aol.com.

Stephen White OBE, BSSc Business Administration 1978, MA 1991, is currently EU Head of Mission for Irag. Formerly a senior UK police officer, he has been involved with the project, which aims to reform and develop the Iragi criminal justice system, since it was launched in 2005.

Liam Gallagher, BA Russian Language and Literature 1978, is living in Brazil and in October 2006 set up his own translation company. He also provides Business English consultancy to Brazilian companies via in-company classes and weekend immersions, as well as advising small and mid-size companies on how to adequately globalise their website content. Liam can be contacted at liam_gallagher@uol.com.br.

Kate Ritchie, MB BCh BAO 1978, is helping to organise a reunion for the Medical Class of 1978 on 19-21 September 2008. Anyone who has not already heard from the organisers should contact Kate for further details at critchie@yahoo.co.uk.

Hugh Clarke, BEd 1978, taught locally for several years before moving to England to complete an MA in Counselling Psychology and retraining as a psychotherapist. He now works as a counsellor at London Metropolitan University. He would love to hear from others who were at St Joseph's or St Mary's between 1974 and 1978, and can be contacted at h.clarke@londonmet.ac.uk.

lan Kirkpatrick, BSc Physics and Applied Maths 1977, emigrated to South Africa in 1981, where he is

Andrea Lester, BSc Accounting 1995, has recently been appointed Global Head of Internal Audit for Rio Tinto, based in Melbourne, Australia.

George Watson, BEng Architectural Engineering 1995, has been living in Shanghai with his wife Jazmyne and son Kyle for the last ten months. He has taken up a permanent post as Project Director with a Project Management Company - Sino Infrastructure Partnership. George can be contacted at georgesjourneys@yahoo.co.uk.

Fiona Halliday, MB BCh BAO 1994, is working as a GP in Niagara Falls, Ontario after 12 years in Williamsville, New York. She and Hamish have three children, Campbell (nine), Emmeline (seven), and James (five). They are enjoying life in Canada and would welcome any visitors. Fiona can be contacted at hshaw@ican.net.

Marie Gallagher, BA Sociology 1994, who works for CCEA, is the proud grandmother of seven grandchildren. In 1991 Marie was among the first group of mature students to enter Queen's from a foundation studies course, the members of which struggled to hold down part-time jobs, or looked after families while studying.

Daragh Carter, BSc Psychology 1993, is working as a trial attorney in Houston, Texas. He and his wife Amy are expecting their second child in January. Daragh can be contacted at djmcarter@aol.com.

Georgia Hopkins, BA English 1992, is a self-taught artist living in Cork. She paints seascapes, naturescapes and abstracts and exhibits in local and national galleries. Her paintings can be viewed at

http://homepage.eircom.net/~tcope/. Georgia manages a community employment project with the Cork Simon Community, helping to devise artistic projects and workshops to creatively engage and offer some respite activity for those who have experienced great personal difficulty. Georgia can be contacted at ghopk@yahoo.com.

Chris (Jia) Chu, BSc Biochemistry 1992, is working as a Laboratory Manager in a hospital in Singapore. She is married with two lovely children. Chris can be contacted at christinechuih@gmail.com.

James Siu Lung Lee, BEng

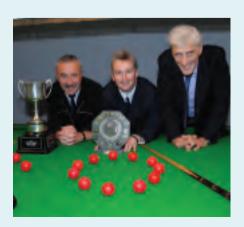
Manufacturing Engineering 1992, has been named among the Hong Kong Top 10 e-Businessmen Awards 2007. James has a daughter of 16 months. He can be contacted at jameslee@systechtelecom.net.

Andrew Biggs, BA Philosophy 1990, was appointed Deputy Commissioner of the Social Security Administration by President George W Bush on 4 April 2007. Andrew can be contacted at agbiggs@hotmail.com.

Claire Louw (née Logan), BSc Food Science 1990, has recently returned to Co Antrim after living and working in Holland for ten years. She will be teaching biology with science at Ballymena Academy. Claire can be contacted at clairelouw@hotmail.com.

1980s

Patrick McWilliams, BA Ancient History 1986, PhD 2005, is organising a 40th birthday dinner for former members of the Snooker, Billiards and Pool Club. The event will take place in the Great Hall at Queen's on 19 October 2007. Patrick, who is the current Club President, is pictured with Club founders Mickey Hannon (I) and Colin Latimer (r), and the Irish and British intervarsity snooker trophies.



For further details or to book your place contact Dr Paddy McWilliams tel.: 9097 3961 or email snooker@qub.ac.uk or visit http://guis.gub.ac.uk/snooker/

Rosemary Craig, LLB 1986, has written the Northern Ireland supplement for the Abbott, Pendlebury and Wardman Business Law text. The supplement concentrates on the legal profession, lay involvement in the Justice Courts and the public prosecution system in Northern Ireland.

Rosemary recently delivered a Family Law lecture in the Human Rights Department of NUI Galway. She was awarded a Master of Laws degree from Leicester University following her research into the role of women in management in the former Royal Ulster Constabulary, and is currently a lecturer in Law at the University of Ulster and the Open University in Ireland.

Rosemary and her husband James met fellow Queen's graduates, President of Ireland Mary McAleese and Dr Martin McAleese, at a recent



garden party in Áras an Uachtaráin.

Fred Wilson, BEng Chemical Engineering 1986, is returning home after 15 years in England. Fred arrived in England in 1992 after a spell in Brazil as a single man, and is returning to Armagh a married man with three children. He works with a Health and Safety Consultancy called Safety Choice H & S Consultancy Ltd and is keen to develop the brand in Ireland. Fred would like to hear from any of his old colleagues at Queen's and can be contacted at fred.wilson@safetychoice.co.uk.

currently employed by South African Breweries as a senior Microsoft developer (combining his love of IT with his love of beer!). The highlight of his life in recent years was cruising the Eastern Caribbean on a sailing ship following South Africa in the cricket world cup. Ian can be contacted at ian.kirkpatrick@za.SABMiler.com.

Leslie Hamilton, MB BCh BAO 1977, has been working as a Cardiac Surgeon at the Freeman Hospital, Newcastle Upon Tyne since 1991. He has just finished a term as Chairman of the Intercollegiate Specialty Board in Cardiothoracic Surgery and next March takes up the post of President of the Society for Cardiothoracic Surgery of Great Britain and Ireland for two years. Leslie can be contacted at leslie.hamilton@nuth.nhs.uk.

Jenny Montgomery, MB BCh BAO 1977, qualified as a doctor 10 years ago and was ordained as a priest in the Church of England in 2006. She is a part-time NSM curate and parttime doctor working as a salaried GP. Jenny is trying to practice truly holistic medicine by encompassing soul as well as body! She can be contacted at jsm1954@hotmail.com.

Dougie Gamble, MB BCh BAO 1976, joined the Royal Army Medical Corps in 1984. He is presently Colonel, Consultant Psychiatrist for Armed Forces Scotland and Northern Ireland. Dougie was awarded the Order of St John in 1998 and an OBE in 2003. He has been married to Jenny, a special needs teacher, for over 30 years and they have two children, Peter and Helen. Dougie can be contacted at dougiegamble@aol.com.



THF GRADUATE

Peter Rose, BSc Econ 1976, is married to Susan with two boys David and Jonny. He set up a fastenings company in 1981 selling nails and staples, and now spends his time flying between homes in touch with classmates and with those who did the DBA after graduating. Peter can be contacted at peter.rose@galino.com and would love to hear from anyone who might be interested in a reunion.

Danny McGuigan, BSc (Econ) 1976, graduated with a PhD in Human Resource Management from the University of Strathclyde in 2006. Danny's doctoral thesis concentrated on the friendship experiences of senior executives and the effect of these relationships on performance, life/work balance and wellbeing. Danny is always interested in exploring this subject with anyone who might have a special interest in it. He can be contacted at email@dannymcguigan.com.



Haydn Deane, MB BCh BAO 1975, and his wife Alina have had another baby boy, David Patrick. That makes two of each! Haydn can be contacted at haydn@deanes.ro.

Gareth L Jones, BSc Geology, 1975 is completing his second year as President of the Institute of



Geologists of Ireland (2005-2007). Previously President of the Institute of the Irish Association for Economic Geology (1992) and of the European Federation of Geologists (1999-2002), Gareth continues to manage Shanghai and Glasgow. Peter has lost his geological consultancy Conodate.

> Joe McKee, BEd 1974, MA 1982, PhD 1991, was awarded an OBE for Services to Music in the New Year Honours List in 2007. Joe is Head of Music Service at BELB, based in the City of Belfast School of Music, and sits on a number of boards including the Grand Opera House and Castleward Opera.

Previously, he had been Director of Music at Methodist College Belfast for 11 years and a Music Producer for BBC Northern Ireland.

Bill Minnis, BSc Mechanical Engineering 1972, has retired and is living in the sunny Algarve. He would like to hear from other graduates living there who may be interested in meeting informally. Bill can be contacted at billminnis@hotmail.com.

Gary Brooks, PhD 1971, has been made Professor Emeritus on his retirement from the Department of Psychology at St Francis Xavier University in Antigonish, Nova Scotia.

John Richard, LLB 1971, sends his best regards to Dave Lesley and Geoff Wilkinson of the Law Faculty of Oueen's. John has now retired.

1960s

Derick Bingham, BA 1969, has been appointed Adjunct Professor of English Literature at John Brown University, Arkansas, USA.

Professor George Carruthers, MB

BCh BAO 1969, was one of two Queen's alumni participating in the First International Conference of Deans of Medical Schools of the Islamic Countries held on Kish Island, Iran, in May. Professor Carruthers is Dean of Medicine at the United Arab Emirates University while Professor

Anwar Siddigui (PhD Biochemistry 1981) represented the Aga Khan University of Pakistan. Jill Carruthers (née Devon), BA 1965, accompanied her husband in Iran. Professor Carruthers can be reached at carruthers@uaeu.ac.ae.

Gerry Beamish, BA Geography 1967, created a record when he spoke at the American Society for Training and Development's (ASTD) International Conference in Atlanta in June. This was the 11th time he has been invited to speak at an ASTD conference, which is a record for a non-American speaker. His session was entitled 'I'd love to have a balanced life but I don't have the time'. Gerry can be contacted at gerry@beamishassociates.com.

Jenny Matthews (née Congreve), BSc Zoology 1967, retired from teaching in 2006 and has moved with her husband to live just outside Bath. She is getting involved in many village activities and is starting to learn the piano at 62! She has one grandchild and another on the way. Jenny can be contacted at jenny@sugarplum.plus.com.

Campbell McCullough, BSc 1967, has retired after 20 years as a Deputy Principal in several Independent Church Schools in WA. He currently spends much of his time travelling and is a volunteer crew member on a 150ft, three-masted barquentine (sailing ship) called 'Leeuwin', which carries 40 young people for 10-day voyages as it sails the entire coast of Western Australia and part of the Northern Territory each year - a round trip of 8000km! Campbell can be contacted at

campbellmcc@westnet.com.au.



Rodney Bennett, BSc Chem Technology 1966, who retired nearly five years ago, is a Justice of the Peace, an active Rotarian, a Trustee and Director of The Evangelical Trust Ltd. a Trustee of The White House Community Association of Hampton & Hampton Hill and Membership Secretary of the Twickenham Society. He is also kept busy with The Esperanza Trust (Argentina), a registered charity of which he is the founder and director. The charity is celebrating its 10th anniversary and Rodney visits Argentina on average twice a year. He can be contacted at derodney@bluyonder.co.uk.

Beatty Crawford, MB BCh BAO 1965, has 'almost' retired as a radiologist but still organises international conferences. During the US winter, Beatty and his wife live in New Zealand, about two hours north of Auckland. In March 2008, they are organising a wine tour in New Zealand and you are all invited - see www.swts1.com. Beatty is still involved in rallying but has given up fast special stage events and now concentrates on navigating on regularity events.

Helen Ryding, BDS 1964, has completed 13 years as the Associate Dean for Academic Affairs in the Faculty of Dentistry, Dalhousie University, Nova Scotia. She hopes to complete a Master of Divinity degree at the Atlantic School of Theology in April 2008 and to be ordained as an Anglican Priest, thus not really retiring, only changing careers! Helen can be contacted at Helen.Ryding@Dal.ca.

Dr lan Gilchrist, BEng Mechanical Engineering 1964, has retired from his position as Lecturer at Brunel University, following a career in deep sea research. Details of his academic activities and his involvement in reconciliation work in Northern Ireland can be found at www.crestcons.org.uk.

Eric Beatty, BSc Mechanical Engineering 1963, PhD 1968, is currently President of the Irish Academy of Engineering. He started

his career in 1968 in the Low Cost Automation Centre in the Department of Mechanical Engineering before becoming Director of the Northern Ireland Technology Centre in 1988. The next year he became Director of the University's Regional Office. He received an MBE in 1990, an OBE in 2000 and was made Professor Emeritus on his retirement in 2002. Eric is married to Shirley (née Robins) and they have two grown-up children, Sandra and Jonathan. Eric can be contacted at eric.beatty@ntlworld.com.

Brian Smyth, BSc Physics 1961, has been teaching for 46 years and is still doing a bit when required! He has taught in Saudi Arabia for British Aerospace, in a Lebanese College in the United Arab Emirates and also in South Africa. He would love to hear from the Class of 1961. He can be contacted at johnbriansmyth@hotmail.com.

1950s

Dr Charles H C Gould, MB BCh BAO 1957, together with five other classmates from 1957, organised a 50-year medical reunion in the Killyhevlin Hotel, Enniskillen in June. Activities included a visit to Belleek Pottery, a tour of Lough Erne on a water cruiser and a most interesting film show and talk by Dr Derek Carson - State Pathologist. Around 40 graduates attended from all over the world and many brought their spouses so the group totalled over 60. The reunion was enjoyed by all and was perhaps the best ever. So here's to the next time!



Aileen McConnell (née Musgrave), MB BCh BAO 1955, has a sheep



farm with North Country Cheviots as well as a thriving organic fruit and vegetable business. Since 2002, she has been President of the Canadian Border Collie Association. She has working border collies that she trains and competes, mostly on the West Coast although she has travelled to Ontario with her dogs. Aileen can be contacted at

aileenp@highspeedplus.com.



James H Johnson, BA Geography 1953, was made Professor Emeritus at University of Lancaster in 1995. Since then, he has served for 11 years as a school governor and has also become a governor of HOST, a charity originally sponsored by the British Council, which arranges weekend visits to British homes for international students. He is currently Treasurer of the Lancaster Civic Society and is a member of its planning group. James can be contacted at jandjhj@hotmail.com.



Ivan Cassidy, BA 1952, MA 1961, PhD 1966, and Norma celebrated their 50th wedding anniversary on 22 June this year. They were married in McCracken Memorial Presbyterian Church in 1957. They reside in the university town of Wolfville, Nova Scotia, to which they emigrated in 1967. Ivan can be contacted at icassidy@eastlink.ca.

Class Acts Books

Two Queen's graduates - Paul Hamill and Jackie Devine - are celebrating 20 years with Kainos, the local IT consulting University spinout company.



Paul, the longest serving member of Kainos staff, worked with STC (now Nortel) in London, before joining Kainos at its inception just a year after graduating.

A BSc Computer Science graduate, he has worked in Development, Project Management, Quality, IT infrastructure, Consultancy, Property, Training, and HR. His current role is Director of Operations, with a particular focus on HR and staff development.



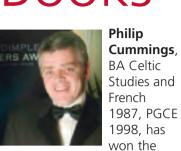
Jackie Devine joined Kainos as trainee software engineer in 1987. Having worked in a number of technical and team leading roles, Jackie is currently responsible for heading up the

Programme Office operation.

Over the years Jackie has been involved in strategic changes in ownership and service focus in Kainos' history. She has extensive experience of all aspects of service delivery in the IT sector, including hands-on experience of change management and process improvement.

Emer Campbell, who recently joined Kainos, became the 1,000th person to be appointed to one of the businesses created by QUBIS Ltd. Emer will work for SpeechStorm, the speech recognition division of Kainos, as a software engineer. From Brookeborough in Fermanagh, Emer graduated with First Class Honours in Computing Science in July.

Kainos, which has offices in Belfast, Dublin and Gdansk, was one of the first local campus companies. Established in 1986 as a joint venture between Fujitsu and QUBIS Ltd, Queen's venture spin-out company, today it has over 220 employees and annual sales in excess of £11 million. In 20 years, Kainos has grown to become Northern Ireland's largest indigenous high-tech company.



Irish language section of the

Glen Dimplex New Writers

Awards 2006, for his poetry collection Néalta (Coiscéim). He collected the award, worth 5,000 Euro, at a ceremony in Dublin last November. Philip has been the Arts Editor of the national, daily Irish language newspaper Lá Nua for the past three years and has published, as editor, two collections of articles from the paper's archives.



stories, eight afternoon plays and the comedy drama series Two Doors Down for Radio 4, on which the book is based. She is also the author of two other novels, Desire Lines, which was Northern Ireland's book for World Book Day 2003, and Your Cheatin' Heart. Annie is a regular broadcaster on BBC Radio Ulster and RTÉ. She lives in Belfast on a street similar to Marlborough Road. See www.anniemccartney.com.

Ben Clingain, BA 1964, is now working on his seventh

book The Springtowners, which will be published in April 2008. It's the story of a boy

growing up in Londonderry during the fifties in the notorious Springtown Camp. He would love to hear from any old friends from Oueen's football teams, especially John Stewart, Barney Donaghy, Frank McCrory, Victor Clarke and Declan McCartan. Ben can be contacted at Ben634@hotmail.com.

Gillian Russell, BA 1981, has just published a book entitled Women, Sociability and Theatre in Georgian London (Cambridge University Press). She would like to hear from anyone in the English Class of 1981 -

Gillian.Russell@anu.edu.au.

Patrick Taylor, MB 1964, MD 1985, published his last novel in 2007 called An Irish Country Doctor, which was set in North Down. It reached number 30 on the New York Times best seller list, 21 on the Barnes and Noble in-house Top 100, was selected as Novel of the Month in March by the Book of the Month Club and was published in July in the UK as a condensed book. The sequel, An Irish Country Village, will be published by Forge Books in February 2008. Book three in the series is nearing completion. Pat will be returning to Ulster in October. For more information please visit www.patricktaylor.ca, or contact Pat at editere@yahoo.com.

John H Sinclair, BA 1958, has published the Fifth Edition of the Handbook of Conveyancing *Practice* in Scotland, with his son Euan Sinclair. After leaving Queen's he went to practice law in Scotland. He later became Professor of Conveyancing in Strathclyde University, and the Glasgow Graduate School of Law.

Obituaries

Eric Raymond McKillen, BSc Civil Engineering 1947, died on 11 October 2006 in Mississauga, Ontario, Canada.

A former student of Methodist College Belfast, Eric played rugby for Methody, Collegians and also in Canada. Eric moved to Canada in 1952, and worked in road construction and later in road construction equipment. He is survived by his wife Joan, daughters Sandra (Mark), Heather Jane and grandchildren Melissa, Brandon, Lisa and James.

Ted Johnston, BSc (Physics) 1933, MSc 1934, PhD 1938, died on 28 December 2006.

Ted was born in Belfast in 1911 and attended Belmont Boys' School and RBAI. After he graduated from Queen's, he was awarded a PhD by Bristol University. Ted's first job in 1938 was at the National Physical Laboratory. Then in 1946 he joined Dr HWB Skinner to set up what became the Atomic Energy Research Establishment (AERE). When the Atomic Energy Authority was established in 1954, Ted moved to the Scientific Administration Division and in 1957 became Special Assistant to the Head of Health Physics Division where he continued until his retirement in 1976.

Ted is survived by his wife Stella, daughter Patricia, sons Brian and Peter, and five grandchildren.

Margaret Kinsley McIvor, BA 1937, died on 26 January 2007, aged 91.

Margaret was born in Belfast, the elder daughter of Robert Nicholas and his wife, Mary Bell. She graduated with an honours degree in English. Soon after graduating she met Glennie Charles Alexander Mclvor and they married on 10 June 1939. She was an enthusiastic

member of the Queen's Women's Graduates Association and served on the committee for a number of years. Her daughter, Elizabeth, moved to Malawi in 1968 so in her retirement she became a surrogate mum to her grandsons, David, Shaun and Richard who all returned to NI to attend boarding school.

John Robinson Marshall, MB BCh BAO 1955, died on 8 December

2005.

Dr Jack Marshall could be described as the epitome of the 'quiet achiever' with international recognition in the field of medical education. Jack graduated with Honours in Anatomy, a Medal in Bacteriology and a Scholarship in Obstetrics and Gynaecology. After four years at the Royal Victoria Hospital, he emigrated to Adelaide with his young family and from 1958 to 1971 worked as a General Practitioner initially at Clearview and then at Glynde. In 1958, he was appointed as Clinical Assistant in Cardiology at the Royal Adelaide Hospital (RAH) and in 1992 was made a Senior Visiting Specialist where he worked until a few weeks before his death. Jack was also a prolific author and talented scholar who remained passionate about education and training throughout his medical career. His commitment to professional excellence culminated in him being awarded the Membership of the Order of Australia in the Australia Day's Honours 2002. He is survived by his brother Bertie (USA), sister May (NI), his children; Peter, David, Helen, Trish and Fiona and 11 grandchildren.

Stephen David Stranock, BSc Hons

July 2007, aged 59. Stephen Stranock is fondly remembered by the Biology Class of 1970. A former teacher, he lived in Scotland and attended a class

(Zoology) 1971, PhD 1974, died on 7

reunion in Portaferry in 2005. A full obituary can be found on Queen's Alumni website.

Ernest Sandford died on 10 August 2006 and donated his body to Queen's Medical school. He was formally cremated on 9 July 2007.

Born in June 1913, Ernest graduated with a BA in 1936. During his time at Queen's in the early thirties he was editor of the student magazine, The Queensman. After leaving University he became a journalist for a number of local and English newspapers, and later for the Reuters news agency. Ernest reported on World War II and the Marshall Reconstruction plan. His last publication was *Discover* Northern Ireland in 1976. He is survived by his wife, Joyce, daughter Christine (also a Queen's graduate) and son Patrick. A full obituary is available on Queen's alumni website.

Cornelius O'Leary, former lecturer in political science at Queen's, died in Cork on 7 September 2006.

Born in 1927, he was appointed lecturer in 1960 and took up a chair in Political Science at Queen's in 1979.

He collaborated with Ian Budge, of Essex University, on Belfast: Approach to Crisis, A Study of Belfast Politics 1613-1970 (1973), with RA Wilford on The Northern Ireland Assembly, 1982-86 (1986) and with Patrick Maume on Controversial Issues in Anglo-Irish Relations, 1910-21 (2004)

FACULTY OF ENGINEERING AND PHYSICAL SCIENCES

High-powered laser research

A team at Queen's is playing a leading role in helping develop a laser beam to tackle cancer.

An award of £5 million from the Engineering and Physical Sciences Research Council (EPSRC) to Dr Marco Borghesi, Dr Matthew Zeph, their team at Queen's and their partners across the UK has made the research a possibility.

The project is called LIBRA, an acronym for Laser Induced Beams of Radiation and their Applications. Dr Borghesi said: "Laser energised bursts of proton and light ions have the potential to substantially reduce the high equipment costs of proton and ion radiotherapy of cancer, which have so far precluded their routine use in the treatment of cancers in the UK.

He continued: "This is developmental work, and we will need to assess how realistic the prospects of this approach are. A key point is that laser technology is evolving quite dramatically. We think that in a few years we will be able to do this type of work with laser systems that can fit on the top of a table."

In Europe, the laser-driven ion approach to cancer treatment is attracting substantial attention with a national project in France (PROPULSE) investing capital sums in this area. Now Belfast and Queen's have the chance to play a role too.

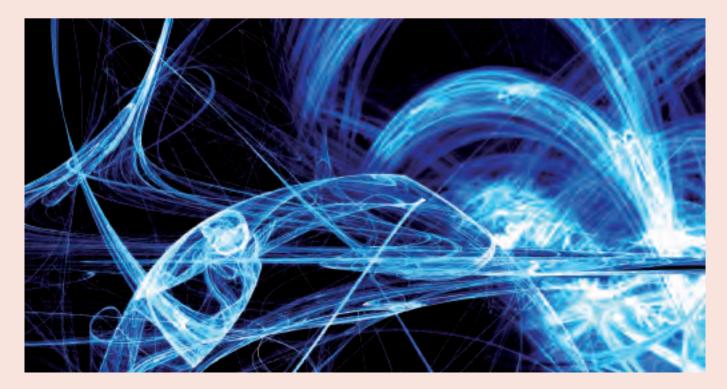
Marco explained: "The focus of our activity is mainly on fundamental research, but if we can ultimately do

something that is useful for mankind, this would be a fantastic achievement. This research funding follows a previous award from EPSRC, which has led to the installation of a large laser system (called TARANIS) in our department. These awards are extremely important because they allow us to perform cutting-edge experimental activity right at the heart of Queen's. Our group previously had to travel to England or to Europe to use the large-scale laser facilities required for our work."

The TARANIS system, which fits on two large tables located in Queen's, will be used to investigate the interaction of high-power laser light with matter, and its products.

The radiation emitted by shining a powerful laser beam on a small piece of metal, plastic or liquid is in the form of ions, protons, neutrons, electrons, gamma and x-rays depending on the characteristics of the laser pulse and the material.

Marco continued: "One basic difference of using ions instead of x-rays for cancer treatment is that x-rays, in order to destroy a tumour by depositing energy in it, will also deposit some energy in the surrounding, healthy part of the body, causing damage and side-effects, such as radiation sickness.



"Instead, if you have ions of a certain energy they will deposit most of this energy at a particular depth and in this way can target much more precisely a location within the body. From this point of view, using ions is a much more effective way of destroying the cancerous tissue without affecting the rest of the body."

The consortium working on the project consists not only of physicists, but of biologists and medics. These include Professor Bleddyn Jones, a consultant in Clinical Oncology at Birmingham University Hospital, and probably the most vocal supporter of the development of charged particle therapy in the UK.

Marco said: "We have been working in the area of laserdriven ion acceleration here at Queen's for about seven years. We have been carrying out experiments using highpower lasers in England, France and the US, and studying the production of ion beams by their interaction with simple metal foils. The LIBRA project aims to develop these laser-driven ion beam sources into a portable, reliable technology with a broad range of applications. "For example, I can certainly envisage applications of this



technology in industrial areas, such as for implantation or manufacturing application. If we can prove its utility in the medical sector, this would be of course the most highprofile application."

Ion therapy already exists in a number of centres worldwide through using 'large, expensive machines', which, said Marco, explains why it is not as widespread as it could be. He said: "The large cost is not limited to the machine that produces the ion beams. There are huge, very expensive magnets that are used to steer the beam around the patient. A laser-driven approach may also reduce this part of the cost."

It will take up to four years to confirm how important this latest UK project work involving Queen's will be and what results can be achieved. Development work on the possible medical use of laser-driven ions is also ongoing in Japan and the USA.

PROFILE **DOCTOR DAVID LINTON** READER IN ELECTRICAL AND ELECTRONIC ENGINEERING



Doctor David Linton was born in Ballymena in County Antrim. Having attended Ballymena Academy, David then gained a BSc First Class Honours degree from Queen's in 1983. During his time as a student, David's studies were sponsored by the local Antrim company Lucas Stability. On leaving University, David worked for Lucas as a Project Engineer, Project Leader and Application Manager.

David took up his post as a lecturer at Queen's in October 1989, and completed his PhD in 1992. David's own speciality area is around the theme of radio frequency and microwave communications, which he developed from an interest in amateur radio.

Married to Phyllis, David is a very active church member whose interests include DIY, gardening and music.

Recently, David gained an Engineering and Physical Sciences Research Council grant as Principal Investigator for the ISIS project (the Integrated Sensor Information System) for Crime Prevention. This work involves a team of five academics from the School of Electronic, Electrical Engineering and Computer Science, and the objective of the ongoing work is to make public transport safer.

David is also involved in a number of projects with Invest NI helping to forge links with the US electronics industry and in the Far East in China, India and Taiwan. He is also exploring the possibility of setting up a Northern Ireland centre with the University of Ulster on radio frequency identification devices, which permits the tracking of large volumes of goods in the same way barcodes are used in supermarkets.

FACULTY OF ENGINEERING AND PHYSICAL SCIENCES

Aeronautics Conference puts Queen's on international stage

Queen's recently hosted an external conference examining the future of the global aviation industry, the first time this event has been held outside North America.

Along with the American Institute of Aeronautics and Astronautics (AIAA), Queen's students were able to establish contact with the international aerospace community at the high-flying conference, which explored the theme of 'Aviation: Industry Without Borders'.

> Indian-born aerodynamicist and Bombardier Aerospace - Royal Academy chair Professor Srinivasan Raghunathan and Dr Mark Price, both from the Centre of Excellence for Integrated Aircraft Technologies (CEIAT) worked closely with the AIAA in organising this event.

> > The conference brought together researchers, designers, analysts,

"The conference is a tremendous accolade for Queen's and Belfast"

manufacturers, integrators and operators in a programme designed to enhance the aviation system of today while preparing for the needs and issues of tomorrow. Participants explored new systems analysis methodologies, discussed new aircraft designs and manufacturing techniques.

Among the plenary speakers were Michael Friend from Boeing who discussed international collaboration in new airplane programmes, and Luc Tytgat Head of the European Single Sky programme - the man who is defining the future shape of our air traffic system.

Prof Raghunathan said: "The conference is a tremendous accolade for Queen's and Belfast, reflecting the quality and breadth of all the staff in our School."

The aviation community, from aircraft manufacturing to operations, contributes over a trillion dollars to the global economy every year so this conference is big business for Queen's and Northern Ireland.

> Professor Raghunathan said: "This particular event was about aircraft integration. How do you develop an aircraft to make it more effective, more efficient, use less fuel and create less noise? All the top industry companies were there, including NASA, Boeing,

BAE Systems, Lockheed Martin, Airbus and Rolls Royce. The Advisory Council for Aeronautical Research in Europe (ACARE) has a set of objectives to be met by the year 2020, which are to reduce the nitrate oxide emission of the aircraft by 80 per cent, reduce carbon dioxide emission by 50 per cent, reduce noise by 10 decibels and then make aircraft affordable for buyers."

Professor Raghunathan added that the priorities for aerospace had changed in the last decade. "In the past, the aerospace industry was driven by speed. Going faster is no longer the big issue anymore. You may go from Belfast to another destination taking a three-hour flight, but it takes time for you to go from your house to the airport, and there is a waiting period for you there. The flying time is no longer significant, except for business people who want to move very quickly and on time for a meeting."

CEIAT draws from the combined strengths of Queen's Schools of Aeronautical Engineering and Mechanical and Manufacturing Engineering, Bombardier Aerospace, the Northern Ireland Aerospace Consortium and the University's Virtual Engineering Centre.

Raghunathan has seen many changes during his 30 years at Queen's: "When I came here to Queen's, there were 25 undergraduates in aeronautical engineering. There are now up to 140. And 15 years ago there were only six researchers in aeronautical engineering. Now there are 40."

Professor Raghunathan concluded: "For me, this is the most exciting time to be involved in research in Aerospace Engineering."

New David Bates Building



Few academics work in a building for the whole of its life. But that has been the experience of Queen's Professor Alan Hibbert, Director of Education in the School of Mathematics and Physics.

Professor Hibbert has served Queen's for nearly 40 years and recalls moving into the first David Bates Building on its completion in the early 1970s: "David (Professor Sir David Bates, then Head of the Applied Mathematics Department) spent a great deal of time working on the design of that building, but only after his retirement did he agree to it being named in his honour."

That first building is now being demolished to make way for the Sir Anthony O'Reilly Library. A new David Bates Building has been constructed to house the Mathematics staff, as well as much of their teaching and research activity. Alan, his colleagues and their research personnel moved in on schedule at the beginning of April 2007. The new Mathematics building is part of the first phase in the Sir Anthony O'Reilly library project and sets the standards for what is to follow. The principal design architects are the Boston-based company Shepley, Bulfinch, Richardson and Abbot who have already designed over 50 major academic libraries. Prof Hibbert admired the way in which he and senior colleagues were allowed to be involved in the details of the design process: "The architects were very accommodating. We discussed with them at great length the detail of the new building. They really did listen to what we were saying. They provided us with teaching space, which can be used in different formats, as well as a study room for Level Three students plus individual workspace for Level Four students, which is superior to that offered in most universities.

"The new building blends well with the architecture of the houses in the vicinity, and helps to maintain good relationships between Queen's and the local community." He added: "I am due to retire in a couple of years time, and I wanted a building in "I wanted a building in which my younger colleagues would be pleased to work and to which our students would feel they belong. I believe that has been achieved "

which my younger colleagues would be pleased to work. I believe that has been achieved. But also I wanted a building to which our students would feel they belong. Our recent subject review panel commented very positively on the way our students had fostered an academic community within the old building. I hope that the new premises will allow that to grow." THE **GRADUATE**

Queen's helps in fight against AIDS

Queen's pharmacists are pioneering research to combat the appalling impact of HIV in sub-Saharan Africa. The team, led by Professor David Woolfson and Dr Karl Malcolm, is focusing on controlled release systems to protect women against heterosexual transmission of HIV, the causative virus of the AIDS pandemic.

Professor Woolfson pointed out that although HIV/AIDS is prevalent in virtually every country in the world, the problem is most severe in sub-Saharan Africa. In 2006 alone, there were almost three million new infections in the region, more than in the rest of the world combined. With most infections now due to heterosexual transmission of the virus, women, for biological and cultural reasons, are suffering disproportionately from the effects of the AIDS pandemic. The Belfast team is taking a twintrack approach to tackle the problem.

Professor Woolfson said: "To protect women during heterosexual intercourse, the first option is to vaginally deliver an agent, known as a microbicide, that will block the infection. The other approach is to develop a vaccine to provide widespread immunity to the virus. Because of the many hurdles to be overcome before a vaccine can be developed, we are hoping that the microbicide approach will be quicker and will allow us to gain some control over the pandemic in the medium term."

Because the HIV virus is highly complex and readily changes, a conventional vaccine has so far proved impossible. The Queen's team are part of an international research consortium that is taking a radical new approach to vaccine design, by seeking to deliver a vaccine directly to vaginal tissue. This consortium is led by leading HIV researcher Professor Robin Shattock from St George's Medical School in London, and is co-funded by the Bill and Melinda Gates Foundation and the Wellcome Trust.

Professor Woolfson and Dr Malcolm have a team of Postdoctroral fellows and PhD students working on both microbicide and vaccine approaches to the problem. They also work closely with scientists worldwide in a multidisciplinary approach to beating the virus.

Professor Woolfson stressed there will be no quick fixes. "You have to take a long-term view and recognise the great progress that has already been made against HIV, particularly in the developed world where we now have HAART (Highly Active Anti-Retroviral Therapy) as an effective, if expensive treatment. However, the many social, political and economic problems in parts of the developing world mean that these approaches are not fully effective in many countries."

Queen's is set to become even more heavily involved in the fight against HIV, as the Professor revealed: "The latest development is that the International Partnership for Microbicides, (the leading international organsisation promoting microbicide development), has just confirmed that it will establish in November 2007, in the School of Pharmacy at Queen's, its major research laboratory for the development of advanced controlled release formulations for microbicides. This will make Queen's the primary centre for drug delivery research worldwide in this field.

Commenting on the timescales involved, Professor Woolfson said: "There is no single answer, and there is no magic or instant solution. We have to focus on microbicides and vaccine development co-operatively, backed up by health and social education in the worst affected areas. Hopefully, the microbicides field is moving quite rapidly now, so that we may see these become available over the next few years."

Professor Woolfson added: "It's wrong to think of HIV/AIDS as simply an issue for the developing world. The big difference is really the comparatively widespread availability of treatment in the developed world, and the different social and economic pressures that exist, particularly for women, in the developing world. This is one area where scientific research really can make a difference for good."

"There is no single answer, and there is no magic or instant solution. We have to focus on microbicides and vaccine development cooperatively"

THE GRADUATE

Group breathes new life into Cystic Fibrosis research

Since being established at Queen's in 2006, the Respiratory Medicine Research Group, (RMRG) has been at the centre of research into Ireland's most common life-threatening inherited disease, Cystic Fibrosis.

The man at the helm of the clinical research is Professor Stuart Elborn, who is also Director of the Adult Cystic Fibrosis centre at Belfast City Hospital, where he works with over 200 adults with the illness. Cystic Fibrosis has been gaining column inches lately with the news in July of the first double lung transplant in a CF patient in an Irish hospital. The operation in the Mater Hospital in Dublin has been welcomed by Professor Elborn.

He said: "I think it's great news. We are zoned with Newcastle Upon Tyne who carry out our transplants. Some time in the future we may be able to send patients to Dublin instead." Ireland has the highest instance of Cystic Fibrosis in the world, with more than 1,100 people in Ireland having the disease and that number is expected to rise to over 1,300 by 2010.

The research at Queen's focuses on the way in which infection causes lung damage. Professor Elborn explined: "Young people get bacteria in their lungs and this develops into a chronic infection. This, in turn, drives a process of inflammation which then damages the lungs. Our research has focused on trying to eradicate the infection and modulate the inflammation so we reduce the lung damage. We're investigating new treatments to stop that process continuing."

Survival rates for CF patients continue to improve and Northern Ireland patients are fortunate in a number of respects.

According to Professor Elborn: "Northern Ireland is the first place in the UK to introduce screening of newborn babies. Since the mid-1980s, all newborn babies here have been screened for Cystic Fibrosis so the diagnosis is made very early. This means that treatment can be started early and this stops complications happening.

"Secondly, we're the only region where everyone with CF is supported by two specialist centres - one for children and one for adults. That means all patients get expert care from day one in a co-ordinated manner."

PROFILE PROFESSOR JENNIFER AMES DIRECTOR OF AGRI-LAND USE RESEARCH AND

CHAIR OF HUMAN NUTRITION AND HEALTH



Jenny Ames came to Queen's on 1 July 2005 to take up the Chair in Human Nutrition and Health in the newlyformed Institute of Agri-Food and Land Use (IAFLU). Speaking of her role, Jenny said: "I was attracted to Queen's by the challenge of establishing a new academic unit equipped with state-of-the-art instrumentation and the presence of a medical school."

Originally from Maidstone, her mother was Welsh and her father Scottish, so Jenny considers herself to be "British rather than English." She has been married for 27 years to Chris, and is interested in geology and enjoys holidaying in Iceland and walking.

Throughout her career, Jenny has combined her love of chemistry with an interest in cooking: "I can remember standing on a stool to make pastry aged four! I was nterested in how recipes could be modified and I was ucky enough to be allowed to try out almost any recipe I wanted!"

Following secondary education, Jenny read for a BSc in Food Science at the University of Reading. After graduating, she won an Open Scholarship to study for a PhD at London University, staying on for a two-year Postdoctoral, before returning to Reading to further her studies. Following an appointment lecturing in London, she accepted a Lecturership in Food Science at Reading and was promoted to Reader in Food Chemistry. In 2002, she became Professor of Nutritional Chemistry and was appointed Visiting Professor in the Dept. of Chemistry and Biochemistry, University of South Carolina, USA.

A key area of Jenny's work at Queen's involves the impact on human health of a diet consisting largely of heated foods. Jenny says: "We are collaborating with colleagues n Medicine working on compounds formed in foods that have been processed. We don't have an experimental kitchen in IAFLU so I do most of the cooking in my kitchen at home!"

FACULTY OF MEDICINE

Peake practice

The Graduate chats to Sandra Peake on the work of the WAVE Trauma Centre



Over 600 trauma victims each year are benefiting from WAVE, the charity that helps people bereaved or traumatised as a result of the Troubles in Northern Ireland. The charity has forged a strong bond with Queen's in recent years through the Diploma in Trauma Studies.

This one-year course, the first of its kind in Northern Ireland, is being offered through the School of Nursing and Midwifery. It was developed as a response to the need for accredited trauma training at government, statutory and community levels.

So far, more than 60 students have graduated with the Diploma.

WAVE Trauma Centre CEO, Sandra Peake, described the significance of the course and the new opportunities of the trauma training pathway leading to a BSc Hons, which is commenced in September 2007. This pathway offers individuals a number of opportunities to engage in specialised training.

She said: "The Diploma course was

piloted for two years before being accredited and funded through the European Union. The School of Nursing and Midwifery has had a very strong community focus and recognised the need for training to be provided across a range of disciplines and sectors, community, voluntary and statutory. The new trauma training pathway is needed more than ever to equip the

community and professionals who deal with trauma to work in this area."

The BSc Hons course covers a variety of topics, such as grief trauma and the helping relationship, transition from victim-hood, transgenerational trauma, and related areas such as

"The ceasefire in 1994 made a tremendous difference to the work of WAVE, with people coming forward affected by incidents spanning some 30 years"

trauma and addiction and trauma within an international context. All of the modules on offer through the training pathway are underpinned within a theoretical framework.

Sandra added: "Issues such as transgenerational trauma are very pertinent today, because you have fewer people being bereaved in the context of the Troubles, but increased numbers struggling with the aftereffects and ramifications of bereavement and trauma particularly in the changing political climate.

"The ceasefire in 1994 made a tremendous difference to the work of WAVE, with people coming forward affected by incidents spanning some 30 years and referrals continue to be evident today. Political development, which may be viewed as good or

bad, brings people forward, seeking assistance and therefore the training on offer is crucial at a practice level. Our ongoing relationship with the School of Nursing and Midwifery has been very important, particularly in acknowledging the broader psychosocial aspect of trauma and its impact on the delivery of support and associated services.

"The Troubles have changed, they haven't necessarily ended. What we see is the long-term legacy of the Troubles and the changing nature of the conflict within communities. WAVE offers a variety of support and training programmes such as psychotherapy, befriending and peer group support, in addition to training opportunities and creative storytelling processes.

"Some people are only now addressing trauma that happened to them in the 1970s. Referrals aren't going down. We average 600 per year across five centres. That's still high when you consider one referral can bring with it other members of the family."

The combination of WAVE and Queen's works well in the delivery of the BSc Hons pathway.

"WAVE practitioners provide the training, and external practitioners are brought in as required for specialised areas. The course is delivered jointly on Queen's campus and at the WAVE Belfast Centre."

"When WAVE was established, the intention was for it to be a psychotherapy service. People preferred instead to talk to other people who had similar experiences. What they needed was group support because many of them had lost loved ones or had been

traumatised in single incidents. They needed the sense of commonality and that's really the emphasis of many of our programmes and lies at the heart of what the organisation does."

As WAVE CEO, Co Down woman Sandra knows only too well what trauma can inflict on people. Having had knowledge of this prior to her current role as she explained:

"I had been asked, following completion of the MSc in Nursing at Queen's, to undertake a piece of work looking at teaching packages for older people. Through this I met someone involved with WAVE who asked me to do work for them. Having worked in the Royal Victoria Hospital in surgery and theatres, I was well aware of seeing the consequences of the Troubles, but the reality was that I was blind to the long-term effects."

When Sandra joined WAVE in 1995, the charity had an annual budget of £8,000, now it is over £1.2 million. Times have changed indeed both for this charity and for Northern Ireland.

"Some people are only now addressing trauma that happened to them in the 1970s. Referrals aren't going down"

FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES

The Mitchell Symposium How conflict ends: Lessons from Northern Ireland. 10 years on from the Good Friday Agreement

Ten years after the Good Friday Agreement of 1998, the historic accord will be the focus of a major international conference at Queen's.



The Mitchell Symposium, named after Queen's Chancellor, Senator George Mitchell who agreed to broker the Agreement, will take place next year. It will bring together politicians, academics and practitioners (lawyers, community workers, social workers, youth workers and others) to mark the Agreement's 10th anniversary and to discuss the lessons to be learned from Northern Ireland for other societies. The benefits of the Symposium will be enormous, given the challenges which we all currently face in terms of global political conflict, and will make a significant contribution to our understanding of how to best manage and resolve such conflict situations.

Mitchell will address the Symposium, with high-profile local and international figures also taking part.

Last year, Queen's signed a formal agreement with Georgetown University, Mitchell's former alma mater, committing both universities to co-operation on a programme of shared activities and interests. A distinguished delegation from Georgetown will take part in the Symposium.

The Dean of Arts, Humanities and Social Sciences, Professor Ellen Douglas-Cowie, is looking forward to the visit of the Georgetown delegation. She said: "The visit will strengthen existing links between our own excellent Law School and the distinguished School of Law at Georgetown, and between academics with common research interests in conflict resolution across the two institutions. Bringing some of the key people from Georgetown here to talk and to see the building of peace will be very informative for

them both as academics and members of society."

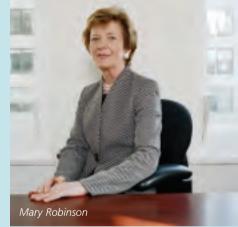
The Symposium will have key addresses by leading academic and political figures, round table discussions and a series of more academically-focused workshops.

Among the academic workshops that will be taking place, is one on 'Education In Divided Societies' with the workshop leaders being Professor Tony Gallagher from the School of Education at Queen's and Jeff Helsing from the United States. Institute of Peace, in Washington DC. Professor Douglas-Cowie commented: "Tony is well known for his work on education in divided societies and he has been working with people from the Peace Institute in Washington. Some of that work extends way beyond Northern Ireland. These people have been working on education issues across the Israeli-Palestinian divide and linking their work in Northern Ireland out to other societies."

Another workshop will explore 'Literature in Post Conflict Societies'. The workshop leaders will, be the poet and lecturer Dr Sinead Morrissey from Queen's and Professor Mark McMorris from Georgetown. Professor Douglas-Cowie commented: "This workshop is looking beyond the conflict to the kind of poetry and literature that comes out of a society as it moves towards peace."

The Dean appreciates Senator Mitchell's role in the Peace Process and in next year's event." Senator Mitchell's idea about this Symposium

"Senator Mitchell's idea about this Symposium is that it brings together people from different walks of life. These people were integral to building peace and integral to future stability"



is that it brings together people from different walks of life. These people were integral to building peace and integral to future stability. It bridges different levels of society from the big political names who negotiated things, down to the community workers at the peacelines."

Among the speakers who will be addressing the conference is the former Irish president Mrs Mary Robinson.

The Dean added: "Internationalisation is fundamental to any academic development. The Mitchell Symposium is a way of giving prominence to what is a very special link for Queen's with Georgetown University."

That link will be firmly in the spotlight when the Vice-Chancellor, Professor Peter Gregson, and the President of Georgetown University, President John J DeGoia officially opens the Symposium.

PROFILE



in politics and he became Professor of Politics in 1999.

Born in Belfast - where his mother came from - Richard grew up mostly in England. His family moved around a lot as his father was a Methodist Minister. He gained his secondary schooling in Bristol before reading Modern History at Oxford University.

Recalling how he gained an enthusiasm for Irish politics and history, Richard said: "I suppose a combination of my Dad's interest in history, which he himself studied, and Mum's Belfast background played their part

The last two books Richard wrote were on the IRA: Armed Struggle: The History of the IRA, and Irish Nationalism: Irish Freedom: The History Of Nationalism. His next book will study terrorism and try

RICHARD ENGLISH

PROFESSOR OF POLITICS AND DIRECTOR OF IRISH POLITICS RESEARCH



Oueen's academic **Richard**

English, famed for his analysis of the Northern Ireland Troubles, is currently working on his next book on terrorism. Professor English first came to Queen's in 1989, to take up a research fellowship at the Institute of Irish Studies. In 1990, he was appointed to a lectureship

to reflect on some of the lessons that Northern Ireland might teach as we face the wider crisis of terrorism and violence in the new century.

Richard offered his own view on the current political situation in Northern Ireland saying: "After a Peace Process that has taken as long as the war process which preceded it, we now seem to have a workable political arrangement in Northern Ireland. Its great strength is its foundation on the basis of shared access to power, and its basis in the rejection of violence. Its weakness is the continued division of the community into two antagonistic groups, something which shows no sign of being eroded at

Richard is married to Maxine, a clinical psychologist and has two daughters, Jasmine aged 11 and Bella aged eight.

As well as work-related obsessions with reading and politics, Richard has a keen interest in music. He added: "I'm a pianist, though I do far too little practice these days, and I listen at present to lots of Handel opera."

FACULTY OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Divided cities

A major study of divided world cities, including Belfast, began at Queen's on 1 October 2007, led by Professor Liam O'Dowd of the School of Sociology, Social Policy and Social Work and Emeritus Professor James Anderson of the School of Geography. It will involve other Queen's staff, PhD students and researchers.

The £3.2 million five-year research project, 'Conflict in Cities and the Contested State' is funded by the Economic and Research Council, of which £1.1 million will come to Queen's. Three universities, five disciplines and eight cities are involved, and *The Graduate* asked Professor Liam O'Dowd to set the project in context. He said: "The research objectives are to analyse how divided cities in Europe and the Middle East have been shaped by ethnic, religious and national conflicts. The two main cities examined will be Belfast and Jerusalem, along with other divided cities such as Nicosia, Mostar, Berlin, Brussels, Beirut and Kirkuk."

Professor O'Dowd believes it is an exciting and innovative project. "First of all, it's multi-disciplinary. It includes architecture, political science, geography, urban studies and sociology. It also focuses on the strategies people use in everyday life to cope with conflict."

One aspect being examined will be the impact of the peace walls in



"We will be looking at historical developments which reveal the recurrent nature of ethnoreligious conflict in Belfast, and whether there are signs that this time it's going to be different."

Belfast and the separation barrier that divides Jerusalem and the relationship between religion and the city.

O'Dowd said: "The interesting thing about Belfast is that it is at an advanced stage in its peace process. Jerusalem has hardly started on that. There is accommodation in Belfast, but it is at a political level. Our interest over the next five years is looking at whether it is manifested at street level. Is it taking hold?"

O'Dowd added: "We will be looking at historical developments which reveal the recurrent nature of ethnoreligious conflict in Belfast, and whether there are signs that this time it's going to be different."

Other aspects to be examined include how the city is used at different times of the year and the effects of this. The way the new-look city is evolving with the Cathedral Quarter and the Titanic Quarter will also be featured in terms of how this deals with the legacy of conflict.

O'Dowd said: "We will examine the business of remembering and forgetting the conflict. We will also be looking at youngsters who have no memory of the conflict as well as those who have lived through it. Another point is commemoration - how the conflict is being commemorated in physical space.

"There is also the business of how both communities can identify with the same city. Then you have the different groups within the two communities. There is also the issue that the middleclass will identify things in a different way to the working-class."

Professor O'Dowd admits to looking forward to the challenge: "In a way the project is extremely ambitious. It aims to engage with policymakers at various levels from the international to local. Then there will be issues around state policy and how it actually shapes cities. What drives the policy?"

The issue of studying divided cities is now placed in a very different context in Northern Ireland following the events of 8 May 2007 at Stormont, a fact acknowledged by Professor O'Dowd: "It's hard to believe but I think it's going to be stable. I think there are going to be interesting internal debates, not necessarily between Unionist and Nationalist but within those.

"For example the debate about the proposed sports stadium at the Maze site. You could say sport is a way of bringing people together, yet this is a good example of debates over how physical space and environment is being transformed and how they are going to interface with persisting divisions and the legacy of the conflict."

The study will significantly enhance the international profile of social science research at Queen's, where in 2011, the School of Sociology, Social Policy and Social Work will host a major conference on Everyday Life In Divided Cities.

Calling all Graduates

Have you ever thought of rekindling your link with Queen's by enrolling in one of the many Open Learning courses offered through the School of Education?

Many graduates of the University have returned to pursue for pleasure the subject they once studied, or to satisfy their curiosity about a new topic or to learn a new skill.

Open Learning programme coordinator, Tess Maginess, said: "We would be delighted to see more Queen's graduates joining the programme, both as lifelong learners and as tutors. The programmes are very relaxed, but you do have the chance to access a great deal of expertise across a wide range of programmes."

The redesigned brochure now contains both Autumn and Winter courses. This new format has been introduced so that people can have the opportunity to view the range of courses over two terms: Autumn and New Year. This should make it easier to see which 'follow on' courses people might want to join.

The new format also means that people can enrol for both Autumn and New Year in one go. This year, people can also book online by going to www.qub.ac.uk/edu and following the links.

The coming year sees a number of important highlights including, the Centenary of Queen's University, when Raymond O'Regan will be conducting a special tour in February. The Flight of the Earls is also recalled by Cathal McManus in his autumn course on the Nine Years' War. This year also celebrates English composers, Elgar and Coates, in the company of Alec Macdonald.

Popular culture features in a number of courses, such as John Bradbury's 'Defining Moments in the History of Rock', Marcus Smith's examination of 'Aliens in American Science Fiction Cinema' and Eadaoin Agnew's course on 'Detective Fiction and Contemporary Literature'.

Interdisciplinary courses are also coming to the fore; Encarnacion Trinidad Barrantes explores 'Spain in Literature', Barbara Renzi examines the relationship of women to science, while Alec MacDonald gives us a history of music in France.

Geoffrey McNab promises a fascinating trip with his 'Romance of Travel' course. A number of other courses will enable students to find out about the culture of other countries, in addition to our wide selection of language courses. Astronomy is another new subject area, with Colin Johnston deepening our understanding with 'The Night Sky'.

Training for people wishing to teach in the lifelong learning sector is also available this year.

"We would be delighted to see more Queen's graduates joining the programme" COVER STORY

Graduate & Student of the Year 2007

The weather for this year's graduation week left something to be desired, but it did nothing to dampen the spirit of the ceremonies. Now well established, the University's Graduate and Student of the Year Awards were a highlight of the week.

The Awards were launched eight vears ago by the Oueen's Graduate Association (QGA) and the University's Development and Alumni Relations Office. They recognise excellence, achievement or service by Queen's alumni and students, to the University, or to the wider community.

This year, the Graduate of the Year Award went to two former students. for scientific achievement and heroic endeavours to save the life of another. The Student of the Year Award went to a Chinese student.

contributed to a heroic rescue in one of the world's most dangerous terrains.

Born in Whiteabbey, Nigel graduated from Queen's with a degree in Computer Science in 1990, and returned to the University to take a medical degree in 1999. He is married to Oueen's graduate Caroline and has three children. His classmate was Roger McMorrow. Originally from Lisburn, Roger now lives with his wife and two young children in Dublin.

Graduates of the Year and Everest lifesavers Dr Roger McMorrow (left) and Dr Nigel Hart



who has embraced every aspect of University life since arriving in Northern Ireland, and whose achievements had already been commended, well before this year's graduation week.

Graduate of the Year Award

The Graduate Award was presented iointly to two 'high' achievers. Dr Nigel Hart and Dr Roger McMorrow scaled Everest, conducted scientific experiments at altitude and

In May this year, both men travelled to Nepal as part of the elite Xtreme Everest climbing team. Their research team, co-ordinated by University College London, was there to investigate the effects of low oxygen on human physiology.

Having a scientific laboratory at such a high altitude enabled the team to more fully understand hypoxia, which is a lack of oxygen in the blood and a plight faced by many patients in intensive care hospital wards around

the world. They also investigated altitude sickness and human performance at altitude.

Both men also conquered the summit of the mountain - an experience that Nigel later described as "very emotional". As if these acts did not already make them deserving of the Graduate of the Year Award, their descent from the world's highest mountain would bring further achievement. At around 27,500 feet. they encountered a 22 year-old Nepalese climber called Usha Bista, in an area known as the 'death zone'. She was suffering from swelling of the brain, which in the extreme conditions, was life-threatening.

Roger was part of the group that

"Without doubt, the most important achievement has to be coming back in one piece to tell the tale!"

brought Usha down to Camp Three. Here she was treated before being brought to Base Camp where Nigel helped with her care. Both men's actions should not be underestimated, as Nigel and Roger selflessly put themselves in harm's way to save another.

Apart from frostbite in two fingers and several toes, Usha suffered no lasting injury. She thanked Roger and Nigel for showing "love and concern" in spite of the difficulties.

Roger believes his five years studying medicine at Queen's equipped him well for the rescue effort: "It was actually at Oueen's that I first learnt to climb. As a medical student I was a member of the Mountaineering Club and became President of the Club."

Nigel says he was guite astonished at winning this year's Award: "It was a great honour, but I felt truly humbled, especially when I saw the names of many of the previous recipients and their achievements. Just being asked on the expedition was a great honour, participating in such a unique research project was thrilling and reaching the summit of

Nigel said: "Without doubt, the most important achievement has to be coming back in one piece to tell the tale!"

Student of the Year Award

Yu Huai Zhang, known as 'Neo' to friends and colleagues, left his home in China to come to Oueen's in 2003. For him it was the "iourney of a lifetime" and his first extended period away from the city of Shenzhen.

Neo recalls receiving a warm welcome at Queen's, and threw himself into student life with all the energy and enthusiasm he could



Mount Everest was truly exhilarating. Receiving the Award tells me that our participation and contributions were recognised and valued by others. There were people who thought we were more than a bit mad in the first place, so the Award is very gratifying!"

His classmate Roger was equally surprised: "It was a great honour. I know that guite a few other people were up for the Award, so I was most surprised that we were chosen."

Nowadays, Roger spend his free-time looking after his children, but he still makes time for climbing and photography.

Summing up the one aspect of the expedition that was most important, muster. At the University, he was active in promoting multi-culturalism and diversity by organising events, writing articles for the University newspapers and presenting a talkshow on Queen's Radio.

Neo also served on the Students' Executive at Oueen's as the International Students Officer and is the first Chinese national to do so. He served as Student Volunteering Officer with the National Union of Students and Student Union of Ireland. He was also Deputy Convenor of NUS-USI. While holding this role, Neo organised a crosscampus 'Multi-cultural Awareness Training' event, which resulted in him helping to translate a prisoners' handbook into Mandarin and Cantonese.

Neo's crowning achievement was winning the UK International Student of the Year Award. The competition, run by the British Council, highlights the unique contributions of international students to life in the UK. To win this Award Neo had to fend off competition from 2.000 students representing 130 nationalities.

Neo received high commendations for winning this Award. Northern Ireland's Employment and Learning Minister Sir Reg Empey, said Neo had "played an important role in promoting multi-cultural diversity within both the student and the wider Northern Ireland community."

The Vice-Chancellor of Queen's, Professor Peter Greason described Neo as "a role model" for all students, highlighting his "enthusiasm for university life, his commitment to raising the profile of international students and to promoting the benefits of a multicultural student body."

Neo spoke of his pride at being honoured with this award. "When I stood on the stage and received the trophy, many marvellous memories rushed into my mind. I am indebted to my distinguished University, School of Management, teachers, classmates, colleagues and friends. This Award not only belongs to me, but also to them. Without their help and encouragement, I would not have received this Award."

This energetic student who graduated with a 2:1 is undoubtedly well-placed to succeed as he enters the working world, in his new post with B/E Aerospace in Kilkeel, Co Down.

"When I stood on the stage and received the trophy, many marvellous memories rushed into my mind"

FEATURE

The new dating game

Are you tired of going to bars at the weekend to try and meet that special person? Are you feeling lonely at yet another friend's wedding? Help, it would appear, is now available, courtesy of internet dating. *The Graduate's* Eugene McCusker has spoken to one of the UK's leading experts in the use of the internet for romantic and dating purposes.

Sydney-born Dr Monica Whitty, lectured at the School of Psychology in Queen's until July 2007. Monica has carried out research into online dating, misrepresentation of the self online, cybersex and cyberflirting and internet infidelity.

The bubbly lecturer had been researching the romantic

lives of students in Belfast since 2003. So how did Monica get into this area of work?

"I was teaching relationship studies at the University of Western Sydney and my students were pointing out there was nothing in the textbooks on internet relationships. It made sense I could tie that in with my teaching. That was way before online dating. I never imagined it would get this big."

Monica recalled how the first study into the area was carried out in 1995, at a time when it was mostly men or in particular 'just geeks' who used internet dating sites. Indeed, by the year 2000 and Monica's first research study, it was still mostly men. In 2007, internet dating



now also empowers a lot of women. Dr Petra Boynton, Sex Editor of Men's Health explained the female

"I was teaching relationship studies at the University of Western Sydney and my students were pointing out there was nothing in the textbooks on internet relationships..."

attraction to internet dating in 2002, "A lot of women say they find it quite empowering because they can ask things, demand things and flirt. For instance, many women find it hard to say, 'I don't want to see you again' but online they can. It can be used to improve your confidence outside of the internet."

Monica argues: "Every year, the actual use of internet dating by the public is increasing." She believes there are a couple of reasons for this. "First, the internet continues to become a popular space to communicate and interact in. Secondly, sites are being designed to be easier to use and are more enticing." Furthermore, Monica suggests that "there is far less of a stigma involved in using online dating" than in recent years.

Dr Whitty pointed out that when she was interviewing people years ago one of the reasons they really liked using online dating was because their lives were often too busy to find the time to go out socially and meet people. Online dating, she said, fitted nicely into their busy schedules.

Monica continued, "Younger people tend to be moving towards online dating and other novel methods." She claims that this younger cohort is "using multi-methods, such as speed-dating and Myspace and Bebo websites". She reports that Bluetoothing was popular a few years back.

Still the quest for romance continues apace. Monica has completed studies into areas such as `misrepresentation' and 'personality characteristics'. "Some do tend to raise their hopes about finding their ideal partner on these sites. When people misrepresent themselves or don't live up to their expectations on the first date online, daters tend to become despondent and quite upset by the encounter."

Monica also carried out a study with Dr Tom Buchanan at The University of Westminster, which examined the personality characteristics of online daters. They found that shy people are more likely to try and continue to use online dating. Monica believes that "cyberspace can give users a buffer zone if they are a bit anxious about meeting people."

Specialised sites are becoming more popular where people believe they belong to a certain social, ethnic, or professional group.

One major difference in Northern Ireland that Monica discovered was the reluctance to publish personal

"One of the reasons they really liked using online dating was because their lives were often too busy to find the time to go out socially and meet people..."

photographs online. "The use of photos is not so popular with online daters here. Northern Ireland has a small population and so one cannot be as anonymous on these sites." When it was suggested to Monica that unlike meeting people in pubs, online daters are sober when they log on to first communicate with their date, she interestingly pointed out that this is not always the case. "Some people do log-on late at night after a couple of drinks".

The scarier side of using the internet to find love and perhaps a whole lot more, includes internet infidelity. Monica points out that sites like 'Meet A Wife', or 'Meet2Cheat' exist online, where individuals can cheat on their spouse online or organise to have an affair offline.

Monica has published a book on the subject called *Cyberspace Romance: The Psychology of Online Relationships.*

Dr Whitty has recently taken up a post at Nottingham University.

OUEEN'S SPORT

Corporate health promotes corporate wealth

A new Executive Body Check is just one of a range of interventions from Queen's Sport that is helping both large and small companies in Northern Ireland fulfil the old adage, 'A healthy body makes for a healthy mind'.

Queen's graduates and their work colleagues can now access a range of high-quality health and fitness assessments on offer to help promote 'wellness' throughout the corporate sector in Northern Ireland.

Whilst the cost-benefits of such programmes are widely accepted, many employers here have found it difficult to get access to specialised corporate health interventions that can positively influence the health and behaviour of their workforce.

Such difficulties won't be a problem anymore, according to Dr Robert Gamble of Queen's Sport: "From the Executive Body Check to a range of fully cost-effective health and fitness assessment programmes that can also be delivered in the workplace, Queen's Sport, is now in a position to help improve the 'wellness' of many employees in Northern Ireland."

"The Executive Body Check is our flagship programme. In conjunction with a specialist medical team led by Dr Barbara Fair, Sports Medicine Consultant with the University's Health Centre, we offer a series of medical tests including a full medical examination and a detailed fitness assessment. Candidates are also offered a personalised change strategy that will assist them to make the lifestyle changes necessary to



improve their health status."

Coming from a background in Occupational Health, Robert added: "Positive interventions that target individual behaviour and educate staff about their health status have been shown to significantly reduce employer costs, reduce absenteeism and improve staff morale. It has been estimated that fitter workers are 20 per cent more productive at work and in some studies, absenteeism rates have shown a 10-14 per cent improvement after health intervention.

"Queen's Sport is now in a position to help improve the 'wellness' of many employees"

The programmes will be delivered through the University's High Performance and Lifestyle Centre, which is based in the new £7 million extension to the Physical Education Centre.

Opened by Dame Kelly Holmes earlier this year, the extensive new facility offers individual memberships to all alumni of Queen's and their family and friends.

The University already practises what it preaches. More than 1,000 Queen's employees have taken part in a free health and lifestyle assessment. If you would like to see where Queen's Sport could take you or your employees, then please contact Dr Robert Gamble on 028 9038 7694, or at r.gamble@gub.ac.uk.

The Campaign for Queen's races on

The Campaign for Queen's is fast approaching the final hurdle as fundraising for the extensive £13 million redevelopment of the Malone Playing Fields complex begins.

The impressive final project will significantly upgrade the Malone Site to ensure that the University demonstrates excellence in outdoor sports participation, performance and provision in the future. Once completed, the venue, together with Barnett's Park, Belfast Activity Centre, Mary Peters' Track and the Shaws Bridge facilities, will create an exciting major sporting hub in Belfast.

Queen's recognises that university is about much more than gualifications. Its vision for sport is to create a new and vibrant culture that allows everyone from beginners to top student athletes, to identify with sport. Ambitious plans are underway to develop University facilities, making them the best in Ireland and beyond.

With the £7 million extension to the Physical Education Centre now completed as part of the University's £259 million capital investment programme, the vision calls for

improved, modernised and expanded outdoor sports facilities. To fulfil the vision, the final initiative in the Campaign for Queen's, 'Investing in a Sporting Future', seeks to raise £13 million to complement and add value to the indoor facilities by redeveloping the Malone site.

The redevelopment project is extensive and includes draining and resurfacing existing grass pitches, providing additional floodlighting, replacing a number of synthetic surfaces, including resurfacing the tennis courts and building a new pavilion and a mini-stadium. These measures will enable student clubs to revive interest in outdoor team sport at Queen's and ensure that the complex is upgraded to the standard required to host major Intervarsity matches.

'Investing in a Sporting Future' will benefit staff, students and the community at large, setting new benchmarks for delivering sport in Northern Ireland and providing a sustainable legacy for the future.

In November 2001, Dr Seamus Heaney publicly launched the Campaign and called all to action with the Latin phrase: 'Pro Tanto Quid Retribuamus - In return for so

Investing in a Sporting Future Name: Address: I wish to make a gift of: £ I wish to pay by (please sele Cheque (made payable to The Queen's University of Belfast Foundation Card No: Security Code: Name on Card:. UK Tax Payers – Gift Aid – I would like all contributions from the date b postcode to meet Inland Revenue regulations. Please note you must par Signature: Please send your donation to Development and Alumni Relations Office, Oueen's U

much, what shall we give back?' We invite you to seize this opportunity to give back by helping us reach the target of £13 million and Investing in a Sporting Future.

In making a donation, you will make a difference to the future not only of Queen's but of sport throughout Northern Ireland.

If you would like to support the 'Investing in a Sporting Future' initiative, please use the reply slip below to send us your donation.



Postcode:
ct): on) Charity Voucher Visa Mastercard
Expiry Date:
elow to be treated as Gift aid until I notify you otherwise. We need your home an amount of UK income tax equal to the tax we reclaim.
Date:
niversity Belfast, BT7 1NN. Inland Revenue No. XR22432



NOTICE OF ANNUAL MEETING OF CONVOCATION

Clerk of Convocation Queen's University Belfast Belfast BT7 1NN Tel: 028 9097 5321 Fax: 028 9097 5188

The Annual Meeting of Convocation will be held in the Canada Room in the main University building on Thursday 6 December 2007 at 6.30pm for 7.00pm. Coffee/tea will be served from 6.30pm.

The business of the Annual Meeting will incorporate the Report of the Standing Committee, and any other relevant matters of which due notice is received no later than 22 November 2007. Motions to be included on the Agenda should be submitted on the appropriate forms, which are available now from the undersigned, or online.

The Annual Meeting will be followed by Queen's Question Time, which will afford graduates an opportunity to put questions to local political representatives on education and other matters.

All papers (including minutes of the 2006 Annual Meeting) are now available at www.qub.ac.uk/convocation.

Yours faithfully

Gerry Power Clerk of Convocation

LAST DATE FOR PROCEDURAL STEPS:

Issue of this summons - Monday 1 October 2007 (online) Receipt of notice of business - Wednesday 22 November 2007 Issue of agenda - Thursday 29 November 2007

TJ DEVELOPMENTS INVEST WITH THE BEST BULGARIA

Bulgaria voted No. 1 expert opinion & No. 1 viewers' opinion for property investment. (Real Estate TV Survey Autumn 2006)

*Projected Growth P.A over 20% *Guaranteed Rental Income P.A 6% of your cost *Price includes all tax / legal & fully furnished *2 Bed Apts from 70,000 Euro en suite with private beach



Contact: Willie Egan 09064 71024 or (086) 8099459, www.tjdevelopments.ie, kennegan@eircom.net, TJ Marketing Limited, Belhavel, Golden Island, Athlone, Co Westmeath



The Queen's University GAA Academy has secured a major 5 year sponsorship agreement with TJ developments. The agreement will cover all aspects of the GAA at Queen's and will undoubtedly move Gaelic Games in one of Ireland's leading universities into a new era of sporting excellence. The GAA Academy was launched in June 2004 as an initiative to give the best possible sporting chance to Queen's Gaelic stars of the future. It is part of the University's vision for student sport which aims to develop the student experience to include sporting opportunities at performance, recreational and community levels.

FEATURE

Sea of Green

Northern Ireland has seen its fortunes rise in world football. Over the summer the senior side topped its European group. The turnaround in the good fortune is not just restricted to on-the-pitch performances, as Gerry Power, editor of The Graduate, found out when he talked to Queen's alumnus Geoff Wilson, the IFA's Head of Marketing and Communications.

"There's something very special about Wednesday night international home games." Geoff told The Graduate. "The atmosphere rocks. You can really feel the passion and the fans take a real pride in cheering - and wearing - the green shirt."

Geoff Wilson displays a youthful exuberance for Northern Ireland football. Impressive wins against superior opposition in the last 18 months have certainly made his job much easier, though selling local football hasn't always been easy. For many years mediocre results on the pitch and sectarian trouble on the terraces made 'team Northern Ireland' virtually an impossible product to sell.

Undaunted, Geoff accepted what others may have regarded as a poisoned chalice at the Irish Football Association in August 2005.

"When I joined the IFA I inherited nothing!" Geoff said. "There was just one part-time person handling Public Relations: fans were not treated as customers - there was little or no communication with them or with sponsors; merchandising didn't exist and brand visibility was low."

So, what prepared the 1996 BSc Information Management graduate from Crumlin for the role? Sport is very much in Geoff's DNA, though he admits football wasn't something he played while at Queen's.

"My dad was a founder member of Crumlin United and while I had only a passing interest in football as an undergraduate, I now play for Crumlin Rec," he said. "I spent much of my spare time at Queen's working for the Information Management



"From the first whistle, I knew I needed a few guick wins"

Society (IMS), where I was President in the mid-90s," he added.

"Queen's really did prepare me for the vagaries of my current post. The Information Management course taught me about marketing, IT and decision-making - all skills I use every day. And organising IMS events certainly helped me to get onto the BT graduate programme."

Geoff is married to Christine, who he met while at BIFHE before coming to Queen's. They have one daughter, Katie who is 21 months old, a second child on the way and live in Dollingstown near Lurgan.

Before joining the IFA, Geoff spent nine years at BT as Senior Marketing Manager, using skills easily

transferable to the world of football branding.

"From the first whistle. I knew I needed a few guick wins," said Geoff. "So, after some initial research. I developed a plan which included redeveloping the IFA website, setting up a supporter scheme, creating an e-magazine and sorting out our merchandising."

It's a plan Geoff is still working from 18 months later. Now leading a team of seven, the IFA has a strong merchandising, corporate sponsorship and communications programme. Over 16,500 fans have signed up for regular e-magazines and the website receives on average 70,000 monthly visits. And with Windsor Park boasting a meagre 14,000 capacity, it's no wonder international tickets sell out so auickly.

The notable departures of manager Lawrie Sanchez and IFA Chairman. Jim Boyce in recent months have however altered the local footballing landscape.

"Lawrie certainly put Northern Ireland football back on the map," said Wilson after the departure of Sanchez for Fulham in May. "He brought back pride, passion and belief to our national team - and to the fans - and for this we are eternally grateful. It was sad to see him leave, but all good things come to an end at some stage I suppose."

Local veteran football mandarin, Jim Boyce, was next through the exit turnstiles six weeks later, after 30 years with the IFA and 12 years at the top.



"Lawrie (Sanchez) certainly put Northern Ireland football back on the map"

"Jim has been a great ambassador for the IFA and Northern Ireland football," said Geoff. "His ability to build relationships within UEFA and FIFA has been, and will continue to be, invaluable.'

Clever merchandising and the setting up of an online shop (to add to the outlet in Windsor Avenue), have lead to an explosion in shirt sales. Fans of all ages are now proud to wear Northern Ireland-branded goods, and not just on match days.

And the sectarian tag is no longer levied at local supporters.

"Fans didn't want the sectarian tag,

so they initiated the change," said Geoff. "While the IFA's 'Football for All' campaign certainly helped, it was the supporters themselves who got rid of sectarian colours and chants from the terraces. It's no wonder they have recently been voted the best fans in Europe," he added, with obvious satisfaction.

What of the challenges that lie ahead? While the decision on the new stadium isn't likely until the end of the year, it is also holding up the location of the IFA's new headquarters and the development of a new footballing centre of excellence. For Geoff, business matters are viewed as most important going forward.

"E-business is the key to our future success," he said. "Introducing new revenue opportunities, extending the range of goods available and offering ticketing through mobile phones are all part of our longer term goals."

He Continued: "I measure success in three ways: What fans say, what our

17 corporate sponsors tell me and, of course, the bottom line profit."

Much has changed on the international stage in the last few years. Football is no longer regarded as the 'working man's' pastime, but by most as part of the entertainment business. This should bring with it a whole new audience.

With the Northern Ireland international side currently riding high at 36th in the FIFA world rankings (it was 103rd in 2005), and the impact of Geoff Wilson's marketing expertise and unbridled enthusiasm, the unfolding future looks bright for local soccer - in fact the future looks green!

"Queen's really did prepare me for the vagaries of my current post"

GOLDEN JUBILEE

Classes of 1950-1961 Golden Jubilee 2008

Reunion & Class Gift



Programme Thursday 17 April 2008

11.45am Registration

12.30pm - 1.45pm Lunch & Welcome

3.30pm Afternoon tea

4.00pm - 5.00pm Entertainment by Queen's Drama and Music students

5.15pm - 6.15pm History of Queen's a personal view by Alf McCreary

6.30pm Drinks Reception

7.00pm Informal Dinner

Reunion Class Gift

The 1950s Class Gift represents your opportunity to mark the anniversary of your graduation by making a donation to the University through the Queen's Annual Fund. Whether you are already a donor or have never given before, the contribution that you and your classmates make will be invaluable to the University and greatly appreciated.

Over 4,000 alumni, parents and friends have participated in our annual appeals since 1999 and the money donated raises vital unrestricted funds which can be used to support key University projects and educational initiatives. The first Golden Jubilee Reunion, held in November 2006, raised over £14,000 for the Annual Fund.

With help from graduates we can continue to:

- Create scholarships and hardship grants for students
- Award small research grants to young academics
- Provide extra resources for student societies and sports teams
- Enable the purchase of books and equipment

Graduate support is already making a positive impact across the campus. Your gift will make a REAL difference to the lives of all at Queen's.

Booking forms will be issued to the Classes of 1950 to 1961 within the next few months.

OUEEN'S GRADUATES' ASSOCATION

Roll up, roll up! Perks - A bonus in a book

A new Perks directory has been launched exclusively for members of the Oueen's Graduates' Association (OGA). The directory contains hundreds of benefits and vouchers for members across Northern Ireland.

Treat yourself to a weekend break and select from over 40 hotels and holiday cottages across Ireland. With more than 70 restaurants to choose from, you will be spoilt for choice and with 12 fitness packages on offer there is no need to feel guilty!

How do I sign up?

The QGA is Queen's exclusive membership club for graduates. Through the QGA, you can stay in contact with old friends, meet other graduates, and remain part of a worldwide community. To join, simply complete and return the application form below. If you live outside Northern Ireland you can find out how to join an association in your area by visiting www.gub.ac.uk/home/Alumni/Associations/

What our members have to say

"Membership of the QGA brings many rewards not just financial, although the new Perks directory scheme can mean that membership pays for itself. You should never have to pay full price again for a whole range of goods and services."

Oonagh Ferrity, Queen's graduate







Some of the great savings you can avail of through the Perks directory as member of the QGA:



Reply Slip (tick as appropriate)

I wish to join an association in Belfast (£10) []
Dublin (12.50 Euro) [] London (£10) []	
Scotland (£10) [] USA (\$25) []	

Please return this reply, and the correct membership fee, to the address below. Cheques should be payable to Queen's University Belfast.

Name:
Address:
Postcode:
Year of graduation
Degree
Email:
Telephone:
Return this slip to - Alumni Officer, Queen's University Belfast,

GRADUATION 2007

Celebrating the class of 2007

A host of renowned names from the worlds of medicine, science, business, education and public service were conferred with honorary degrees in July 2007.

Among those honoured were Archbishop Desmond Tutu, leading historian Professor Sir Ian Kershaw, Professor Edison T Liu who helped resolve the SARS crisis in Singapore and *Irish Times* journalist Conor O'Clery. AIDS expert Professor Robert Gallo, neuroscientist Professor Ann Graybiel, green chemist Professor Paul Anastas, businesswoman Sheila O'Malley Fuchs, space scientist Dr Michael McKay and local entrepreneur Francis Jennings completed an impressive week.

The Nobel prize-winning antiapartheid campaigner Archbishop Tutu was awarded an Honorary Doctorate of the University for distinction in public service. Delivering the citation, Queen's Chancellor Senator George Mitchell said: "In all his activities, Archbishop Tutu's message continues to be one of forgiveness and reconciliation. It is a message which has had resonance around the world and particularly here in Northern Ireland, where he has visited on several occasions."

Some 4,000 students received their degrees in 11 ceremonies during the week, with 2,400 people attending garden parties each day during graduation week.





MISCELLANEA

4					8	5		
9	5	6	7		3		4	8
		8	9					
	8	9		6		4		
1				7				2
		2		9		7	3	
					9	6		
8	9		4		6	3	2	1
		4	1					9

Sudoku

To solve the Sudoku puzzle opposite, each 3 x 3 box, all the rows and all the columns must contain the numbers 1-9, with no repeats or omissions. And remember, there is only one correct solution.

Quiz

1 What was Northern Ireland's FIFA world ranking in 2005?

2 Which company do Paul Hamill and Jackie Devine work for?

3 Who won this year's Student of the Year Award?

Teaser

How can you throw a ball as hard as you can and have it come back to you, even if it doesn't hit anything, there is nothing attached to it, and no one else catches or throws it?

Reply Slip	
Name:	
Address:	
Year of Graduation:	
Email:	Telephone:
	· · · · · · · · · · · · · · · · · · ·
Preferred Prize (please tick):	Queen's Welcome Centre Gift Voucher Queen's Bookshop Token

The first correct entry (for each of the Sudoku, the quiz and the teaser), will receive a **£50 Queen's Welcome Centre Gift Voucher**, or a **£50 Queen's Bookshop Book Token**.

The second correct entry drawn for each quiz will each receive a **£25 Queen's Welcome Centre Gift Voucher**, or a **£25 Queen's Bookshop Book Token** (please indicate your preference accordingly).

Please return your entry/entries, along with the reply slip above, to arrive no later than 12 Noon on Friday 7 December 2007, to: *The Graduate*, Development and Alumni Office, Queen's University, Belfast BT7 1NN.

Graduate Account Lets you get on with life

£1,500 interest-free overdraft



Ulster Bank Graduate Package is only available to persons who have graduated within the past 12 months (minimum course length of two years). Overdraft facilities are provided by Ulster Bank subject to terms and conditions and credit scoring criteria. Over 18s only. Security (by way of personal guarantee) may be required for certain overdraft facilities. Ulster Bank Limited. Registered in Northern Ireland. Registration Number R733. Registered Office: 11-16 Donegall Square East, Belfast BT1 5UB. Authorised and regulated by the Financial Services Authority and entered on the FSA Register (Registration Number 123315).

💥 Ulster Bank



celebrating [the past]





creating [the future]



LEAVING A LEGACY

Queen's University has changed your life...the lives of your family and community. A legacy to Queen's helps us continue to change lives; funding medical research, endowing fellowships and scholarships, building library resources, supporting capital projects and promoting student welfare. Even the most modest legacy can make a difference, ensuring Queen's has the resources to maintain its world-class standing and meet the challenges ahead. Leaving a bequest to Queen's, after providing for family and friends, is the highest honour the University can receive. For those who have done so, it was their way of thanking Queen's for giving them so many opportunities. Your gift can create opportunities too.

If you are thinking about making a will and would like more information, please contact Norma Sinte, Head of Alumni Relations, Queen's University Belfast, Belfast, BT7 1NN on 028 9097 3114 or n.sinte@qub.ac.uk

The Queen's University of Belfast Foundation