



THE UNIVERSITY of EDINBURGH

bulletin*

AUTUMN 2010

THE UNIVERSITY OF EDINBURGH STAFF MAGAZINE



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PUBLICATION DETAILS

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CONTACT US

bulletin

Communications and Marketing
The University of Edinburgh
C Floor, Forrest Hill Building
Forrest Hill
Edinburgh, EH1 2QL

E: bulletin@ed.ac.uk

T: +44 (0)131 651 4325

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To keep up to date with news online, visit our regularly updated *Staff Bulletin* service at www.ed.ac.uk/news/staff-bulletin.

editorial

The new academic year is now in full swing and despite a climate of economic caution, autumn is shaping up to be a season packed with innovation, enterprise and achievement.

On page 7 we report on the 'Our Changing World' lecture series, featuring Channel 4 broadcaster Jon Snow, while on pages 8–11 we honour the medal-winning contribution of staff, students and alumni to the Commonwealth Games in Delhi, India.

We celebrate 'local heroes' from past and present on pages 12–13, and if social media mystifies you, Dr Miles Osborne from the School of Informatics explains all on pages 16–17.

We also launch our new Health & Wellbeing section on page 22. Here, you will find updates on news and information dedicated to improving your welfare at work and beyond. You can also try our nutritious recipe, supplied by Kitchen Manager Klaus Knust.

And finally, on page 23, enter our Spot the Difference competition for a chance to win tickets to Scottish Opera's production of *The Marriage of Figaro*, which is showing at the Festival Theatre, Edinburgh, from 19 to 27 November. Under 26-year-olds are eligible for £10 tickets. For full tour dates and further information, visit www.scottishopera.org.uk.

Find out what archaeologists excavated at the Old College quadrangle on page 14.



Julie Howden/The Herald

JK Rowling donates £10m for MS research

Harry Potter creator JK Rowling has donated £10 million to establish a new University research clinic for multiple sclerosis patients.

The writer (pictured right) made the gift in honour of her mother Anne who died from multiple sclerosis, aged 45. Named in her memory, the Anne Rowling Regenerative Neurology Clinic, will focus on patient-based studies to help find treatments that could slow progression of the disease, working towards the eventual aim of stopping and reversing it.

Ms Rowling said: "I cannot think of anything more important, or of more lasting value, than to help the University attract world-class minds in the field of neuroregeneration, to build on its long and illustrious history of medical research and, ultimately, to seek a cure for a very Scottish disease.

"I am incredibly impressed by the calibre of clinicians and researchers that Edinburgh has already managed to attract to make this project a reality, and I truly believe that it is set to become a world centre for excellence in the field of regenerative neurology."

Work at the clinic, which will be based in



I am incredibly impressed by the calibre of clinicians and researchers that Edinburgh has already managed to attract to make this project a reality.

JK Rowling



a purpose-built facility within the Chancellor's Building, will also provide insight into other degenerative neurological conditions, such as Alzheimer's disease, Parkinson's disease, Huntington's disease and motor neurone disease. There will also be a major emphasis on training the next generation of researchers.

Professor Sir Timothy O'Shea, the University's Principal, said: "This exceptionally generous donation will provide great help in the worldwide effort to improve treatments for multiple sclerosis. Work at the clinic will build on the already existing important research

strengths in neurodegenerative disorders at the University, which benefit very considerably from our close partnership with NHS Lothian."

The donation – the single largest ever granted to the University – is part of the Edinburgh Campaign, which aims to raise £350 million for initiatives across the University. It is also the single largest donation that the author has given to a charitable cause. In 2007, she made a £2.5 million contribution towards the creation of the University's Centre for Multiple Sclerosis Research.

PM praises energy research effort

Davos



to India this summer.

The Prime Minister (pictured) commented that Edinburgh was among a small number of UK universities that are leading international research in the field.

He said: "We believe we can have a technology leadership on this, developed through some of our best universities, like Edinburgh... that are doing incredible

UK Prime Minister David Cameron praised the University for its research into carbon capture and storage during his official visit

work on carbon capture and storage. That's the sort of technology we can then share, and export and invest with other countries."

One of the purposes of the visit, he added, was to seek partnership from India in the area of energy research.

Jon Gibbins, the University's Professor of Power Plant Engineering and Carbon Capture, commented: "We are very pleased that carbon capture and storage is being discussed with India at the highest level. The University has been working on this in India for a number of years and our engagement with scientific colleagues there has highlighted the

challenges of introducing this technology in a developing country."

Edinburgh also conducts world-leading research on renewable energy in its Institute for Energy Systems. This work spans all aspects of renewable energy, from electricity generation and distribution to how this energy is used by the consumer. The Institute is at the forefront of wave and tidal energy research, and leads many UK and European initiatives.

Mr Cameron visited the University earlier this year to learn about the work carried out at the Institute.



The University is financially strong. We experienced a 50 per cent growth in turnover during the last four years to 2008/09.

Jon Gorringe, Director of Finance

University prepares for tough economic climate

The University of Edinburgh is beginning to demonstrate that it can be financially successful during a period of constrained funding, says its Director of Finance, Jon Gorringe.

For the last two years the University has been working hard to both increase its income from non-governmental sources and implement various cost-saving exercises, as its income has been reduced in some areas due to the impact of the global financial downturn.

"The University is financially strong," says Jon. "We experienced a 50 per cent growth in turnover during the last four years to 2008/09."

The University has also been anticipating reductions in public funding. He explains: "The Research Councils will announce their future funding in December and we hope to understand our 2011/12 funding

from the Scottish Funding Council in early 2011. With Government departments planning on the basis of major reductions in resources over four years, our funding could be seriously reduced."

Jon emphasises that it is important to continue to seek ways to reduce costs to ensure that we maintain financial security: "Careful monitoring of spending as well as income growth has enabled us to generate a good surplus in the financial year that ended in July 2010. Managers have been anticipating tough financial times ahead and are engineering the University into a position to cope with funding reductions. These reductions, while coming later in Scotland [than in England], may be bigger in the first year."

Initiatives that are helping the University reduce costs include the Post Review Group, which evaluates and approves every recruitment vacancy. This began operating in December 2008 and has helped to reduce the payroll cost by a substantial amount.

Our Corporate Services LEAN initiatives are also well under way. Jon explains: "For the University to compete successfully on the international stage we must ensure we provide the most fit-for-purpose business functions and processes by the right people in the right place at the right time and at the best value for money. Our LEAN initiatives and workshops are identifying the ideal processes for us to strive for by means of small manageable changes. So far more than 100 staff members have taken part in these workshops."

Following a successful period of funding and building major capital projects such as the Main Library transformation, the Informatics Forum and the two new developments at Easter Bush, the University is now exercising greater caution in putting new buildings projects out to tender. The Government funding that has enabled these projects to be built is in future anticipated to be severely constrained.

Company boom sets Scottish university record

The University has set a record for the number of companies created in an academic year, further strengthening its position as Scotland's leading research institution.

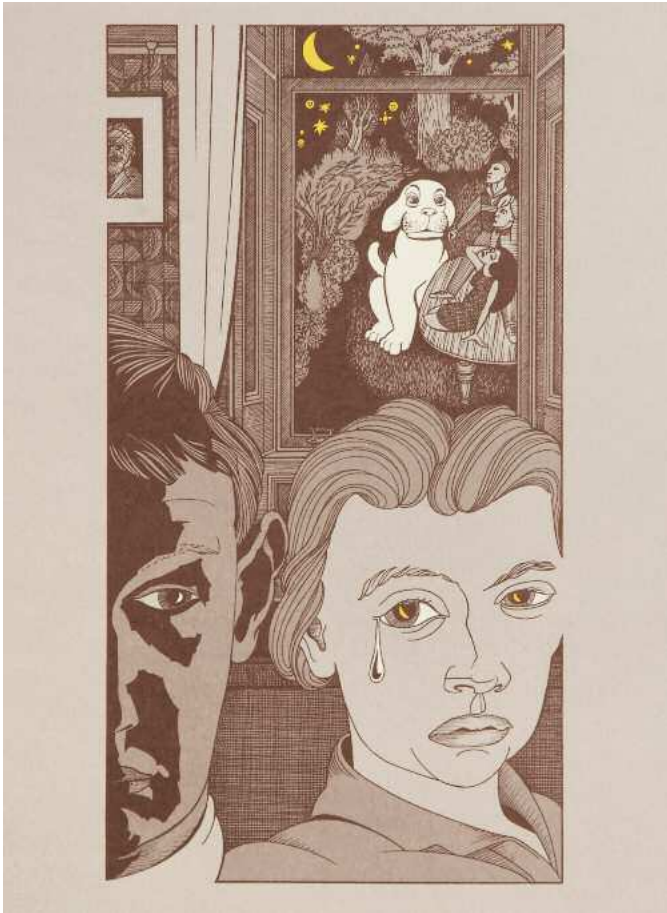
Some 40 firms were formed in 2009/10, the most generated by a Scottish university in a single year, and a 35 per cent increase on the 26 companies generated by the University during the previous academic year.

Derek Waddell, Chief Executive Officer of Edinburgh Research and Innovation (ERI), said: "As well as the unprecedented increase in the number of companies formed in 2009/10 by the University, the quality of the companies created is at a higher level than ever and this is testament to the entrepreneurship and creativity of the University's staff and students, and to the excellent support provided by ERI's company formation team.

"Several of the new firms present real potential not only to contribute positively to the Scottish economy, but also to become globally significant – potentially helping to generate further economic growth and new jobs."

Among the new companies created by ERI in the past year is NGenTec, which creates lightweight gearboxes for wind turbines, potentially making wind power generation more efficient.

Other new firms include Actual Analytics, which uses video analysis technology to help develop drugs for diseases that affect the central nervous system, such as Alzheimer's and Parkinson's, and Skoogmusic, which produces innovative musical instruments for disabled children.



Lanark author at TRG

The Talbot Rice Gallery (TRG) has this month launched an exhibition celebrating the work of Scottish artist and writer Alasdair Gray.

Gray, author of the critically acclaimed novel *Lanark*, trained as a visual artist at Glasgow School of Art and has habitually worked with both pictures and text.

The TRG show will feature many of the visual references to Gray's famous novels and short story collections, including *Poor Things*, *Old Men in Love* and *Lanark*. Gray kept sketches, scrawled notes and doodled motifs from each book.

The exhibition, which coincides with the publication of Gray's new autobiographical work, *A Life in Pictures* (Canongate), runs from 23 October to 11 December.

James Tait Black winners

Established authors AS Byatt and John Carey have won this year's James Tait Black Memorial Prizes. Byatt was awarded the fiction prize for her latest novel *The Children's Book* (Chatto), while Carey was the recipient of the biography award for his book *William Golding: The Man who Wrote Lord of the Flies* (Faber).

City Car Club opportunities for staff and students

The University has teamed up with the City Car Club to provide staff and students with the opportunity to join the nationwide vehicle-pooling scheme for business and personal use at a discounted rate.

City Car Club members have access to hourly car and van rental across Edinburgh and the UK. Scotland's capital has the largest car-club operation outside London, with 4,000 members and 100 cars based around the city.

James Finlayson, City Car Club's Managing Director, explains: "Our vehicles are located at convenient locations on or near the University of Edinburgh. Our cars have CO₂ emissions that are less than 100g/km, and independent research shows that an average of 25 private cars are taken off the road for every City Car Club car."

Corporate membership to the car club is to replace the existing pool car scheme (with the exception of the Little France pool car).

For more information, please visit www.ed.ac.uk/transport.



ECA merger update

Edinburgh College of Art (ECA) and the University of Edinburgh have agreed to propose to the Scottish Government that the two institutions merge from 1 August 2011. The decision follows meetings of the University Court and the College of Art's Board of Governors in September.

The merger proposals have been developed following consultation with staff, students and other stakeholders. The institutions have now submitted the proposals to the Cabinet Secretary for Education and Lifelong Learning, Michael Russell MSP. It is anticipated that there will be a 12-week public consultation period.

You can download the merger proposal at:
www.eca.ac.uk/merger
www.ed.ac.uk/news/merger-discussions



Reuters

Response, relief, recovery

As the aftermath of severe flooding causes widespread devastation in Pakistan, *bulletin* investigates the University's involvement in a citywide initiative to provide support to global disasters.

The UN estimates that the floods that ravaged Pakistan this summer have affected at least 20 million people. In response to the catastrophe, the University is participating in an Edinburgh appeal to raise money for projects to provide clean water for flood survivors. This is the second high-profile appeal the University has been involved in as a member of the Edinburgh Disasters Response Committee (EDRC).

The group was established a little over a year ago at the instigation of the Rt Hon George Grubb, Lord Provost of Edinburgh, in partnership with international aid agency Mercy Corps. Following the public outpouring of support for the 2004 Boxing Day tsunami, a need to be able to provide a coordinated and immediate citywide response to large-scale disasters was identified, and the idea for the EDRC evolved from there.

Professor Sue Welburn, Director of the Global Health Academy at the University of Edinburgh and the University's EDRC representative, says: "The committee helps us to collectively be more responsive when a major disaster takes place. It is important to get money in,

very quickly, to bring relief. Being involved in the work of this committee fits in very well with our internationalisation strategy, and I think it certainly supports our approach to community engagement and involvement in the developing world."

With help from the University, so far the group has raised £350,000 for long-term support for victims of Haiti's devastating January earthquake. The money has contributed to emergency relief distribution that includes clean water, food, camp shelter improvements, emergency income for families, hygiene kits and tools.

Now the committee has turned its attentions to the humanitarian crisis in Pakistan, and a campaign to fund a project to secure a clean water supply for 50,000 flood survivors has been launched.

Mercy Corps Director John Cunningham explains: "The Edinburgh Disasters Response

Committee allows the people of Edinburgh to make a collective, civic response to disasters like the floods in Pakistan, or the earthquake in Haiti. The involvement of organisations like the University of Edinburgh makes the committee all the more effective, giving us the chance to make even more difference to people in need right across the world."

How we helped in Haiti

Money raised by the EDRC for victims of Haiti's earthquake contributed to supplying:

865,000 gallons of clean water

315 tons of food, helping **33,000** individuals

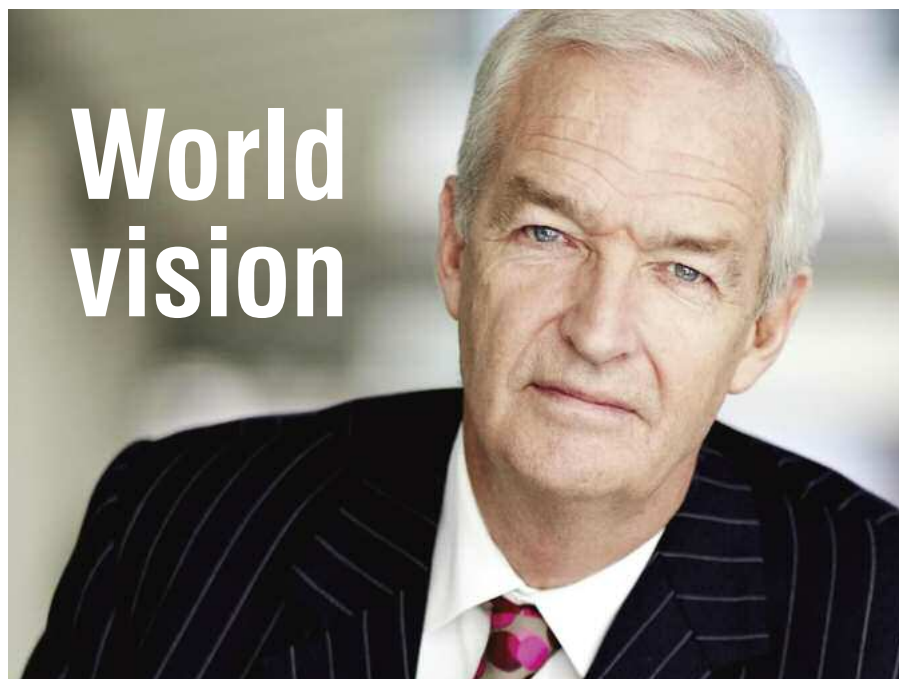
68,000 packets of high-energy biscuits

5,960 families with income through cash-for-work schemes

9,660 tools for camp improvements

1,000 Port-au-Prince General Hospital patients and personnel with food.

If you'd like to support the work of the Edinburgh Disasters Response Committee by donating to the Pakistan appeal, you can do so online or over the phone: www.mercycorps.org.uk, 0845 245 0686, Mon-Fri, 9am-5pm. Staff wishing to make regular donations to any registered charity may be interested in doing so directly from their pay through the Give as You Earn (GAYE) facility. Forms can be downloaded from www.giveasyouearn.org and should be forwarded to Payroll when completed.



Broadcaster Jon Snow joins a line-up of global experts for a new lecture series that lifts the lid on global issues. *bulletin* reports.

Next month Channel 4 anchorman Jon Snow will share his insights into the changing scope of the world's media with an Edinburgh audience. The event will provide the finale to the University's 'Our Changing World' lecture series, an innovative new pilot project that combines traditional public lectures with interactive student learning.

The idea for the venture, which launched in September, was developed by Professor Mary Bownes, Vice-Principal Research Training and Community Relations, and Professor Gareth Leng, Head of the School of Biomedical Sciences, who were seeking to share the University's global research expertise with the local community.

The lectures tackle important worldwide issues, including climate change, international development, population, health and stem cell research. The series also benefits from multimedia technologies. The lectures will be filmed for online streaming enabling the lectures to be accessed by anyone and social media tools will help to generate web-based discussion.

What makes this project unique is that the lectures will also be used as part of a pilot course for first-year students who

wish to explore their own subject in a broader way by applying it to real-life global issues. Those taking the course, which will be capped at 30 students, will attend the public lectures, research in depth the topics, and use their findings to contribute to small-group discussions. Participants will also be expected to produce an individual research report and collaborate on a group project.

Professor Mayank Dutia, of the School of Biomedical Sciences, who has been heavily involved in organising the series, explains: "We want the students, as well as the public, to appreciate the role of interdisciplinary research in addressing these global issues, which are going to impact not just on our lifestyles but on those of the next generation.

"We also want the students to be able to use these global challenges as examples from which to develop practical learning skills, which can be used throughout their university career and beyond."

The organisation behind this project has involved support from colleagues across the Colleges and support services. "The enthusiasm for the lecture series has been quite remarkable," says Mayank. "It wouldn't work without support from the three Colleges, as well as interested colleagues from around the University." ✖

Tackling global change

From climate change to population, 'Our Changing World' tackles some of the world's most pressing issues. So far Professor Paul van Gardingen, UNESCO Chair of International Development, has discussed bridging the gaps between science and society, and Gabriele Hegerl, Professor of Climate System Science, has explained why looking into the past may yield clues to future climate change patterns. Also on the environment, Dr David Reay, MSc Carbon Management Programme Director, argued that society's capacity for innovation will help us tackle the threats of global warming, and Professor Roger Jeffery, Chair of Sociology of South Asian Studies, discussed the link between population and global issues like security, migration, economic development and human rights.

Coming up...

One world, one health: from rhetoric towards reality

Tuesday 26 October 2010,
6.30pm–7.30pm, Appleton Tower

Sue Welburn, Professor of Medical and Veterinary Molecular Epidemiology, will explore ways to tackle the disease battles of the 21st century, while respecting the Earth's biological integrity.

The invisible enemy: microbes and us

Tuesday 2 November 2010,
6.30pm–7.30pm, Appleton Tower

Dorothy Crawford, Robert Irvine Professor of Medical Microbiology, will talk about the links between the emergence of microbes and the cultural evolution of the human race.

Are stem cells the future of regenerative medicine?

Tuesday 9 November 2010,
6.30pm–7.30pm, Appleton Tower

Professor Siddharthan Chandran, Director of the Euan MacDonald Centre for Motor Neurone Disease Research, and Professor Charles French-Constant, Chair of Medical Neurology, will examine stem cell research developments.

Enlightenment lecture: a changing media for a changing world – entering the golden age of journalism or leaving it?

Friday 19 November 2010,
6.30pm–7.30pm, McEwan Hall

Jon Snow offers insights into the effects of new technologies upon journalism.

You can book online for the lectures at www.ed.ac.uk/news/events/changing-world.



The swimmers performed fantastically in Delhi. I am delighted with how well they adapted to what was a difficult environment.

Chris Jones
Head of Performance Swimming

Making a splash

The University has always had a strong connection to the Commonwealth Games, regularly offering a range of sporting talent to the competition. This year, in Delhi, the University fielded its largest contingent to date, and came home with two medals. *bulletin* reflects on the staff and student contribution to this global sporting event.

For the University of Edinburgh swimmers taking part in their first Commonwealth Games, the tournament was an important opportunity to build vital competitive experience. But exceeding all expectations, 22-year-old Michael Jamieson's impressive debut resulted in a silver medal in the 200m breaststroke event.

Michael's silver medal has secured his reputation as one of the sport's emerging talents and is testament to the strength of the University's performance swimming club with which he trains. Established a little over two years ago, this elite team of swimmers fielded five athletes in the 2010 Team Scotland aquatics squad.

They included Kris Gilchrist, a fellow breaststroke swimmer who after achieving the fastest qualifying time for the 200m event, finished fifth; Kerry Buchan, an experienced competitor, who was a finalist in the 200m woman's breaststroke; and Commonwealth newcomers Kathryn Johnstone and Louise Pate, who together with pool veterans Hannah Miley and Caitlin McClatchey, finished fifth in the 4x100m medley relay.

The University's Head of Performance Swimming, Chris Jones, said: "The swimmers performed fantastically in Delhi. I am delighted with how well they adapted to what was a difficult environment. The UoE swimmers either made finals or swam on personal best times. Michael's Silver medal was fantastic. As a coach these are the events you look to for a measure of performance and the UoE swimmers truly stepped up to the mark."

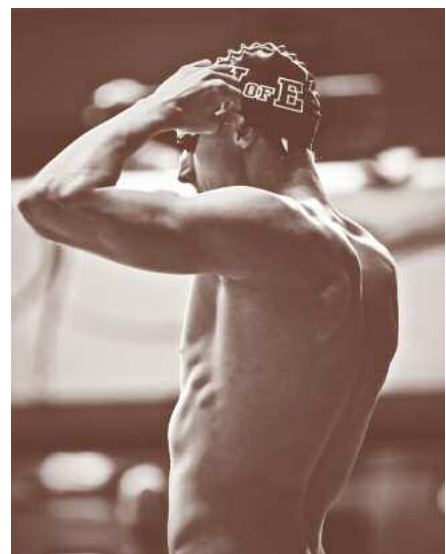
Having worked previously with Olympic and Commonwealth athletes, Chris was a fitting person to not only lead the University's elite swimming squad, but to also play a key coaching role in the 2010 Team Scotland aquatics squad, which brought home four medals, including two gold.

Achievements in Delhi will boost further Chris's ambitions for the University's swimming operation, of which he played an influential role in setting up. Within a relatively short period of time, the programme's swimmers have been yielding impressive results.

"Over the past 18 months it's really taken off," he says. "Since we've started we have put someone [Kris Gilchrist] on the World Championships team last year in Rome, we have put swimmers on the national team in the European Championships in Istanbul, and we have beaten Scottish records. We returned from Glasgow [the British Gas National Swimming Championships] in June as the top team in Scotland, which in less than two years is an outstanding achievement." Now the club can boast a Commonwealth silver medal.

Looking ahead to the 2014 Glasgow Commonwealth Games, and perhaps to the London Olympics in 2012, there are more targets to reach, and Chris admits to being "ambitious about the programme". He explains: "With the resources that the University has to offer, I can only see it getting better. We have world-class strength and conditioning facilities. We're lucky that we get physio support from FASIC [the University's Fitness Assessment and Sports Injuries Centre], which is absolutely fantastic."

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Top: Kris Gilchrist. Above from left: Kathryn Johnstone and fellow UoE performance swimmer Fiona Booth



Players on a world stage

There were 35 student, staff and alumni University representatives taking part in Delhi. Here's a selection:

Eilidh Child, *alumna, Physical Education*

Perthshire PE teacher Eilidh added to Team Scotland's medal tally by winning silver in the women's 400m hurdles. The athlete is a genuine prospect for London 2012.

Alan Clyne (pictured), *alumnus, Physical Education*

Scotland's top player in squash and a regular on the pro tour, Physical Education graduate Alan is ranked 62nd in the world in the racket sport.

Craig Howieson, *3rd-year Physical Education*

Table tennis player Craig, who is supported on the University's Individual Performance Programme, experienced his first Commonwealth Games in Delhi.

Becky Merchant, *4th-year Neurosciences*

Delhi was hockey player Becky's first Commonwealth Games. She won gold in 2007's Youth Olympics in Australia as part of the Great Britain under 20s team.

Graham Moodie, *Player–Coach for the University's Hockey Men's XI*

This is the hockey player's second Commonwealth Games. Graham has more than 100 caps for Scotland and has also been part of the Athens 2004 GB Olympic squad.

Steven Watterson, *Research Fellow, Centre for Systems Biology*

Marksman Steven lined up in Delhi for the Isle of Man shooting team.

Alistair Whittingham, *Head of Performance Archery*

Alistair has made his name as a coach, but contributed to Team Scotland's archery performance as a player. He is one of five University representatives on Scotland's archery team in Delhi.

The University's first-rate sports facilities have contributed to Edinburgh's standing as one of the UK's top sports universities in the UK. In particular, the services provided by FASIC are sought after by elite athletes from all over Scotland.

Founded in 1988, the centre has grown from a team of just three to a well-staffed resource of 30. Three of the staff also took part in the Delhi Games as part of the medical squad.

Supporting Scotland's athletes at the tournament was FASIC's Clinical Specialist Physiotherapist, Lindsay Thomson, whose role at the event was Deputy Head of Medical Services for Team Scotland. Accompanying her were FASIC colleagues University Physiotherapist and Clinical Specialist in High-Performance Sport, Sandi Lyall, and Medical Director, Dr Alastair Nicol.

Lindsay, who has previously attended the Commonwealth Games in both Melbourne and Manchester, as well as the last two Youth Commonwealth Games and the European Youth Olympics, remarks: "It is always tremendously exciting representing your country. These Games were very important for Scotland – there are a lot of young athletes coming through as we prepare for the 2014 Commonwealth Games."

It is always tremendously exciting representing your country.

Lindsay Thomson

FASIC's Clinical Specialist Physiotherapist

She adds: "Over the past two decades sport has received increased funding and become more professional, particularly in Scotland. As a founding member of FASIC it has been incredible to see us develop with the emphasis on research, education, evidence-based medicine and integration with coaches to help develop the specific strengths our athletes need."

The University's contribution to Scotland's effort at the Games underlines the vital role higher education has to make in fielding the sports talent of the future. Chris Jones explains: "It's imperative that universities have an understanding that young people who come to study are typically at an age when they will be excelling at a performance sport. Universities now have the facilities to be able to cater for performance sport and that's something that is getting stronger and stronger."





Taking on the target

Archer Susan Maitland works part time in the School of Chemistry's Teaching Office. A holder of three Scottish records and recipient of multiple championship medals, Susan took part in her first Commonwealth Games in Delhi this month. She caught up with *bulletin* before the tournament.

For how long have you been an archer for?

I've been an archer since 1986, when my husband organised a beginner's course for me. At first it was just a hobby but I became more and more involved and found that I really enjoyed competing.

Which clubs do you play for?

I'm a member of Penicuik Archers and Edinburgh University Alumni Archery Club. In the alumni club, my coach is Alistair Whittingham [the University's Head of Performance Archery and a fellow competitor in Delhi]. He's been my coach for years and what he doesn't know isn't worth knowing. He also coaches the University club, which gets tremendous results. It's the best university club in the UK and has been for years.

Has archery been selected for the Commonwealth Games before?

It was included in Brisbane in 1982, which I think is the only time it's been part of the Games prior to Delhi. It's great for the sport because the bigger the profile we can get, the more funding we can attract to help the sport move forward.

Aside from the Commonwealth Games, which major tournaments have you participated in?

I've shot for Scotland since 1988. I go to the Scottish and British Championships every year, indoors and outdoors. As part

of the Commonwealth Games training squad, I've competed in the Marks Park Tournament, South Africa [Susan gained bronze] and the Asian Grand Prix in Calcutta, where we returned with five medals, including a team silver.

How did the team prepare for the Delhi Commonwealth Games?

We took part in a test event in Delhi in March. It was too early in the season for us because our outdoor season doesn't start till April, so we didn't come back with any medals. Closer to the event we just worked hard, trained hard, and made sure we ironed out any problems in the equipment. You have to make sure everything's 100 per cent right. We took part in local competitions and training weekends but the priority was just making sure that we stayed fit and healthy and kept the training going. ✱

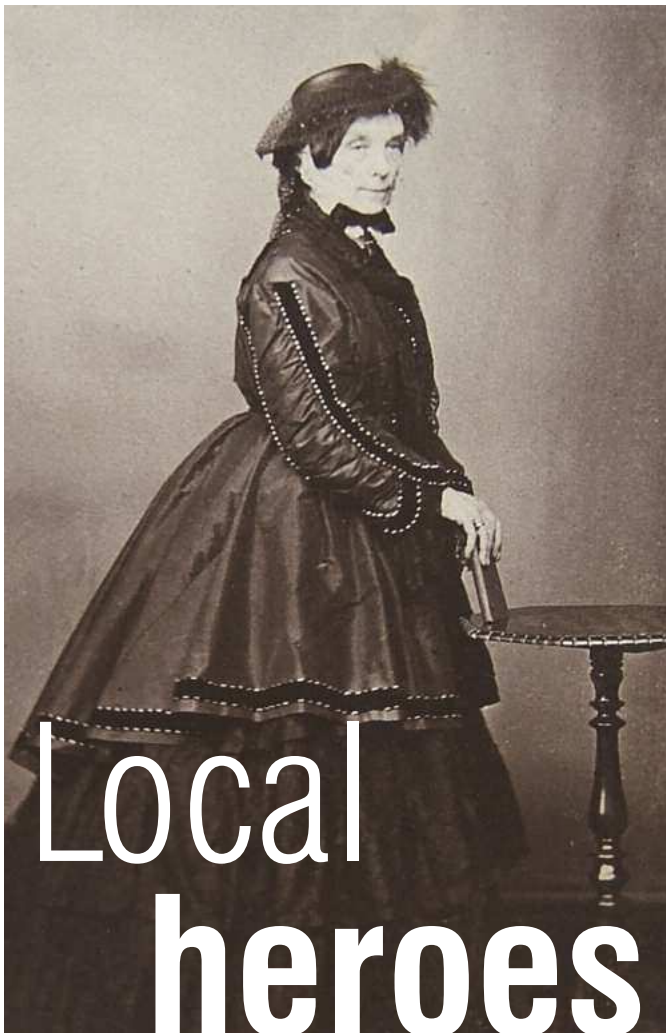
Archery at Edinburgh

Susan was one of five University of Edinburgh archery representatives in Team Scotland. Facilities for archery at the University have been bolstered significantly by the addition of a new indoor archery range at the Pleasance – part of the recent expansion – as well as a new outdoor archery shelter at Peffermill.



SUSAN'S MEDAL RECORD

- 2010: Scottish Outdoor Championships, silver medallist
Scottish Indoor Championships, silver medallist
- 2009: Fourth Asian Grand Prix, team silver
FITA Marks Park tournament, bronze medallist
- 2008: Scottish Outdoor Championships, bronze medallist
Scottish Indoor Championships, gold medallist
- 2007: Scottish Outdoor Championships, bronze medallist
- 2004: British National Championships, silver medallist
- 2002: Scottish Outdoor Championships, gold medallist



Local heroes

Coinciding with the Royal Society's 350th anniversary local heroes campaign, *bulletin* asked a selection of academics to nominate Edinburgh individuals, past or present, who have made a mark on their career or shaped thinking in their field.

Alan Murray, Professor of Neural Electronics, nominates former tutor Emeritus Professor Ken Bowler as his local hero.

"I first met Ken Bowler when I took his second-year course in mathematical physics in 1972–73. Professor Bowler's great skill was to paint mental pictures and to draw analogies for difficult scientific and mathematical material to bring it to life and enable it to be understood. As a theoretical particle physicist Professor Bowler was completely at ease with complex physics and its mathematical abstraction. His ability to see why students were having problems and then to cause the pennies of comprehension to drop was legendary.

"It was a huge joy to see Professor Bowler appointed to the Chair of Computational Particle Physics in recognition of a career that touched all aspects of University life and inspired several generations of physicists. He was, and is, an excellent role model. I have copied his lecturing style shamelessly. Most importantly, I have tried to emulate his balancing act of research, teaching and bringing up a family, with his academic rigour brought together with self-deprecating humour. I would not have followed this career and I would be a different person without the very direct inspiration, influence and friendship of Ken Bowler. Cheers, Ken."

Aileen Christianson, Senior Lecturer and an Editor of *The Collected Letters of Thomas and Jane Welsh Carlyle*, shares her enthusiasm for the unsung literary contribution of Jane Welsh Carlyle (1801–66).

"Jane Welsh Carlyle was the wife of essayist and historian Thomas Carlyle, an alumnus and former rector of the University. As a woman, Welsh Carlyle could not attend the University but was instead wooed by one of its brightest graduates. Her earliest links to the city included frequent visits to her early confidante, Eliza Stodart, at 22 George Square. Following her death, a grief-stricken Carlyle collected her letters, which were published after his death in 1881. These letters brought recognition that there had been "two writers in the household" in Cheyne Row, London.

"My connection to her began with my appointment in 1967 as a research assistant on *The Collected Letters of Thomas and Jane Welsh Carlyle*, a joint project between Duke University and the University of Edinburgh. Jane Welsh Carlyle's individual importance came with my realisation that her letters are not just interesting narratives of daily 19th-century lives but exceptional examples of skilled life writing. The young woman who visited George Square and became the letter writer from Cheyne Row satirising her world, is a prime example of a local and a literary hero."

John Henry, Professor of History of Social Science, on the misunderstood Professor of Natural History Robert Jameson (1774–1854).

"Robert Jameson, Professor of Natural History, here at Edinburgh, has always had a bad press. His reputation was first scuppered by Charles Darwin, whose recollection that Professor Jameson's lectures were "incredibly dull" has carried more weight than any number of other testimonies to the excellence of his teaching. Furthermore, when the history of geology came to be written, it became set in stone that Professor Jameson was a hidebound follower of Abraham Werner (who taught that all rocks precipitated out of a worldwide ocean), and therefore failed to acknowledge the superior theory proposed by the 'father of modern geology', James Hutton. Evidence suggests he believed that it was premature to decide between Werner and Hutton, and suspended judgement until the evidence became decisive. Professor Jameson accepted the truth of the Huttonian theory towards the end of his life.

Recent scholarship has revealed that Jameson was one of the earliest thinkers in Britain to seriously consider the possibility of

evolution. Advocating the evolutionary theory of the French thinker Jean Baptiste Lamarck (which has also suffered from a bad press), Jameson may well have included it in his lectures and passed it on to some of his students including Robert Grant and Hewett Cottrell Watson. Grant, who taught extra-mural classes at Edinburgh, gave Darwin his first introduction to evolutionary theories and Watson, who published his evolutionary ideas in 1836, was consulted by Darwin while writing *On the Origin of Species*. Jameson, then, was at least indirectly a major influence on the man who finally set the seal on the theory of evolution.”

Peter M Grant, Emeritus Regius Professor of Engineering, admires Dr Win Rampen, MD of University spin-out Artemis Intelligent Power.

“As a local hero Dr Rampen is distinguished for his highly innovative design of hydraulic drive mechanisms. He achieved this by converting the earlier wave-power hydraulic mechanisms and scaling them for use in conventional mobile hydraulic drives, such as for vehicle and JCBs. Dr Rampen then moved this concept forward to achieve a fully dynamic control which used the principle he registered as Digital Displacement® (DD) technology.

“Artemis Intelligent Power was formed in 1994 initially by Steven Salter (Emeritus Professor of Engineering Design), with Dr Rampen as Managing Director. Since its creation, the spin-out has grown organically to its current level of 25 staff. Under Dr Rampen as MD, Artemis has won several awards and supplemented its license income by winning projects worth £3.5 million. The engineer has also distinguished himself as an eminent mechanical designer consultant through his novel motor racing damper valve and power steering valve – both now used in Formula One cars – and a hydraulic device for vehicle body forming.”

Tom Devine, Sir William Fraser Professor of Scottish History and Palaeography, praises former University Principal William Robertson (1721–1793).

“William Robertson was Principal of the University, a great historian, a star of the

“Robertson in his youth was also a man of action and courage.”

Professor Tom Devine on William Robertson

Scottish Enlightenment and an influential Moderator of the General Assembly of the Church of Scotland. The University building named after him in George Square appropriately houses key parts of the School of History, Classics and Archaeology.

“Robertson in his youth was also a man of action and courage. He was to the fore in the defense of Edinburgh when Prince Charles Edward Stuart’s Jacobite army entered the city in 1745. Later he showed his finely honed diplomatic skills as leader of the Moderate Party in the Church of Scotland. Robertson and his kind helped to usher in a new age of liberal thought which was the *sine qua non* for the remarkable intellectual advances made in Scotland in the middle decades of the 18th century.

“But it is perhaps as a great historian that William Robertson should be lauded and remembered. A model for the current crop of Edinburgh scholars, he produced several fine works of pioneering research, not least his *History of America*. He stands only behind Edward Gibbon and David Hume in the firmament of 18th-century historians. A man of several parts and indeed a local hero.”

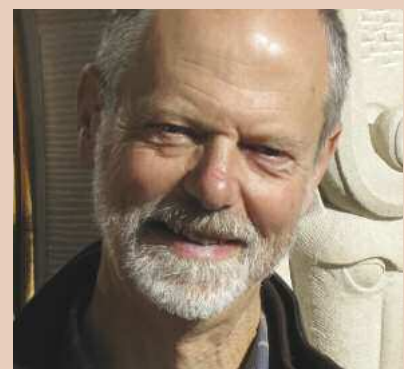
Charlie Withers, Professor of Historical Geography, chooses Sir Robert Sibbald (1641–1722) as his “flawed hero”.

“‘Hero’, like ‘tragedy’ and ‘genius’, is over used in modern parlance. People who merit the description are anyway ‘flawed’. Yet it is precisely for his fallibility as for his many successes and for the fact that his failures never tripped him that Sir Robert Sibbald is a ‘hero’ to me, flaws and all. Studying him and his world, this ‘hero’ is someone I can relate to.

“Professor Sibbald was a prime mover in the early Scottish Enlightenment. He established the ‘modern’ botanical garden in Edinburgh and the city’s first civic museum. He helped establish the

Royal College of Physicians of Edinburgh in 1681. Between 1698 and 1701, Sibbald twice proposed the founding of a Royal Society of Scotland. He began his geography in 1682, publishing a circular requesting information towards a description of Scotland: it was never completed. His chief work, *Scotia Illustrata* – an essay on Scotland’s natural history – appeared the following year.

“The physician’s work has enduring significance. His view on the appetite suppressant qualities of the heath pea, for example, has attracted modern pharmaceutical companies, and the blue whale was once named after him. Here was a man who protested the value of natural knowledge as a means to national improvement.”



Top: former University Principal, William Robertson. Above: “legendary” lecturer Ken Bowler



Simpson & Brown

What lies beneath

Preparations for a landscaping project to resurface the University's Old College quadrangle have unearthed a fascinating chapter in Scotland's history.

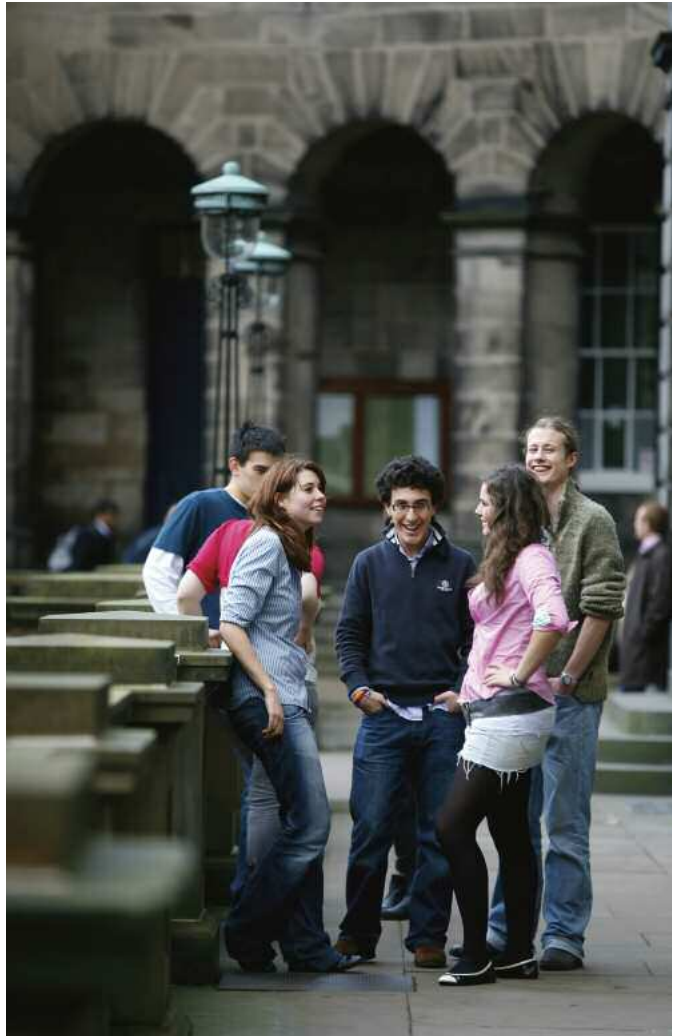
Over the summer, archaeologists have been excavating the iconic site ahead of the £1 million makeover. They hope to uncover remnants of the centuries-old buildings that lie beneath the concrete and in doing so, shed light on one of Scotland's darkest unsolved political murders – that of Mary Queen of Scots' second husband, Henry Stuart Lord Darnley, who died in 1567 when a house on the site blew up in a mysterious explosion.

That house was one of a series of buildings that comprised the medieval Kirk O' Fields parish church, which was granted to the University in 1583. Work on the present-day Old College began in 1789, however due to financial problems, the quadrangle was never completed to the same grandeur as the surrounding buildings.

The current resurfacing project will fulfil the vision of original architects Robert Adam and William Playfair and replace the gravel surface with honey-coloured sandstone paving stones and a lawn. Since the original plans were first drafted, more than 20 attempts have been made to revamp the quad.



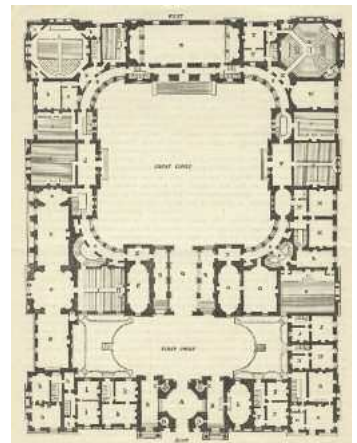
Clockwise from top: an archaeologist at work at the Old College site; an artist's impression of the quad makeover; Lord Darnley, aged 17, with his brother Lord Charles Stuart, aged 6



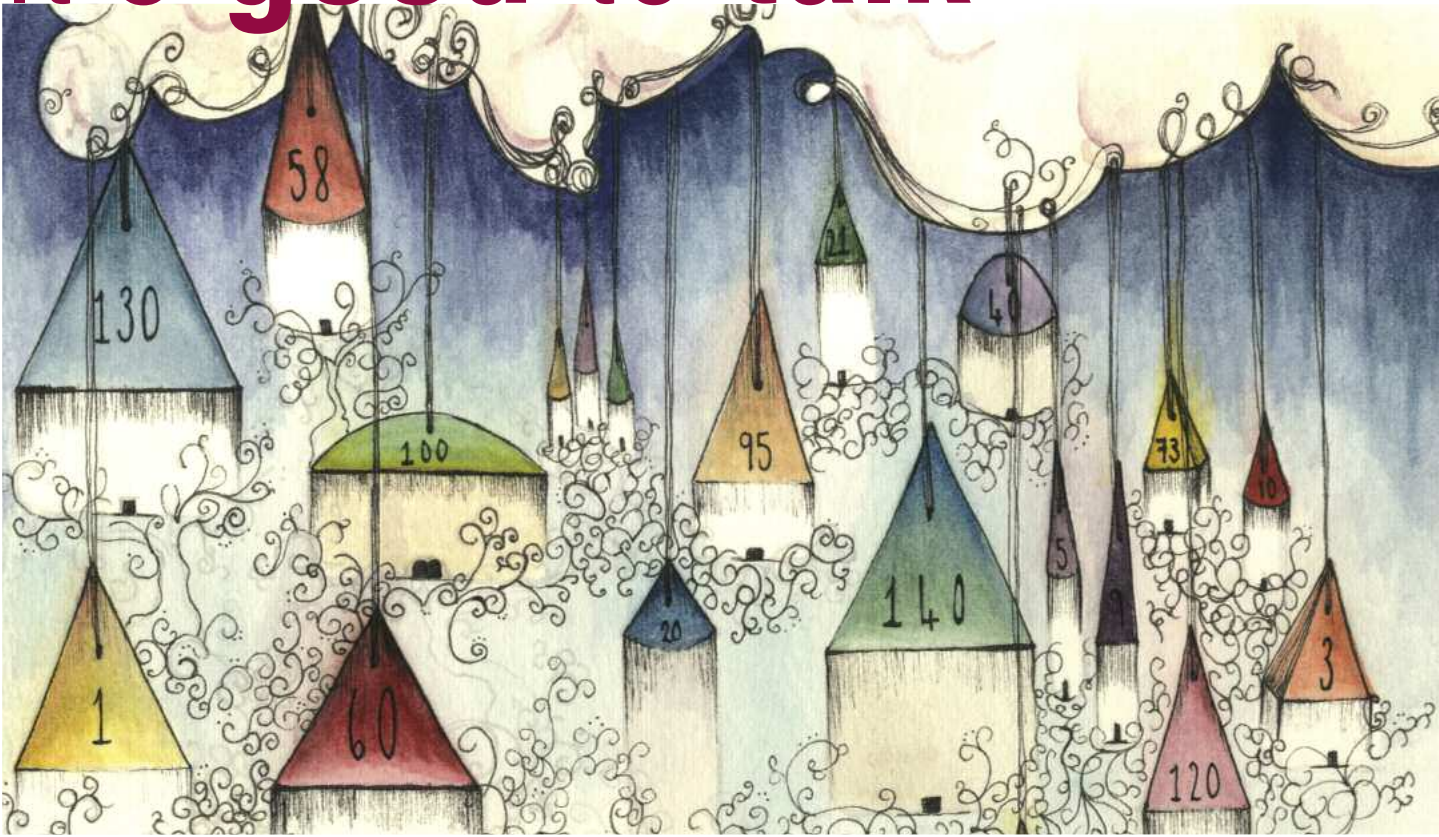
For all occasions

Over the centuries the historic Old College quadrangle has served as a gathering point for students and staff alike. In more recent times, it has also provided a location for a variety of projects: hot air balloon enthusiasts have used it as a launching pad, camera crews have filmed there, and every summer it comes alive as an outdoor Festival Fringe venue. Once completed, the quad will be utilised as a venue for graduation celebrations and festival shows.

Clockwise from above:
The University's Hot Air Balloon Club launch from the quad; Old College prior to 1952; students take a break from lectures; Robert Adam's vision for the quad; Old College provides a backdrop for a scene from Scottish crime drama *Taggart*



It's good to talk



Whether you find Facebook frightening or Twitter tedious, Social media is here to stay, says Dr Miles Osborne, a reader with the School of Informatics. As a user of and researcher in social media, Dr Osborne explains why this new internet phenomenon can enhance our lives.



Miles Osborne

Earlier this year something remarkable happened. For the first time, more people in the US visited Facebook than Google. Google represented a time when people passively searched the web for content. Facebook stands for a time when people actively create content. Statistics on social media (mainly Facebook and Twitter, but also Livejournal, Google Buzz, Orkut and YouTube, to name a few) are staggering. If Facebook was a country then it would have the fourth largest population in the world. On Twitter alone, people send more than 100 million short messages (tweets) each day. Social media is not a fad: it is here and not going away.

People use social media to communicate in many different ways. Facebook grew from roots within American academic communities and support groups of friends talking and sharing information

with each other. Twitter originated in the world of public blogging and encourages people to post short messages that are potentially read by anyone. In the early days this communication was mainly textual, but increasingly image and video sharing has become popular.

Social media is attractive from a research perspective. Linguistically, it contains the language of enormous numbers of different people communicating on a vast range of subjects and in numerous languages. Social media is an excellent way to carry out research in sociology (for example, how do groups emerge or evolve over time?). Because so many people use it for various different purposes, it can be used as a rapid and cost-effective way to monitor large communities. People have used it to track flu outbreaks and monitor earthquakes and other natural disasters. It can also be used as a tool of persuasion. Political parties use it for campaigning, as do numerous companies for marketing and business

Illustration: Gemma Stuart, fourth-year BA (Hons) illustration, Edinburgh College of Art, www.gemmastuart.net/index.html



intelligence. Here at Edinburgh, uses for social media have included event detection (quickly finding out about what is happening in the world), modelling the stock exchange and also as a source of large datasets driving the development of novel algorithms. We also translate it from one language to another.

Social media has been so successful because it improves lives, both personally and in the workplace. Most people are aware of public social media sites such as Facebook. Fewer people are aware of Enterprise (commercial) versions, which are used by companies internally.

But use of these technologies is not without problems. Because virtually all social media is controlled by companies, academic access to the data (what people talk about, who they are, who their friends are and so on) is problematic. At the time of writing, there are no large-scale sources of Facebook friendship graphs or person-to-person communication available, and Twitter actively prevents people from distributing

“Social media is not a fad: it is here and not going away.”

static sets of tweets. Without this data, it is hard to conduct research and something as basic as reproducing results is almost impossible. Social media companies are clearly still learning how best to balance the needs of their users against the desire to make money. Facebook continually changes its privacy settings, making it hard to know exactly what is shared and with whom.

These companies tend to lock the data in, making it hard to move it later. Initiatives such as OpenData and peer-to-peer social media networks (which do not directly control the data) point to possible solutions to these problems. Ultimately, we may need government-level intervention legislating how our data is stored, shared and safeguarded.

What about the future? It seems likely that the Facebooks and Twitters of today will be replaced by something else. What is unlikely to change is our desire to talk with each other, nor expected battles revolving around data. Perhaps legislation will catch up and the rights we have about our data will become better defined. As a user of social media and a researcher in it, I don't see these as problems. It is good to talk, even in 140 characters at a time. 

Miles is a Reader in Informatics, having joined in 2000. He mainly works on natural language processing, machine translation and social media. You can follow him on twitter ([@milesosborne](https://twitter.com/milesosborne)). He is very interested in finding out what other people are doing in social media, so get in touch.

If you wish to comment on some of the points raised by Miles, please email bulletin@ed.ac.uk. Are you an academic who tweets? If so, let us know at the email address above.

people news

Sir John takes up MRC role

I am thrilled to be joining the MRC at a time when there are such bright prospects for the UK to play a leading role in the international effort to beat disease.



Professor Sir John Savill, Head of the College of Medicine & Veterinary Medicine (MVM), has been appointed as the Chief Executive of the Medical Research Council (MRC). He began the three-year post on 1 October but remains in his role as Head of the College of Medicine & Veterinary Medicine.

He commented: "I am thrilled to be joining the MRC at a time when there are such bright prospects for the UK to play a leading role in the international effort to beat disease through interdisciplinary discovery science.

"By retaining a University base, I will remain grounded in the realities of medical research in which partnerships

with charities, industry, patients and public are so important in developing research and research leaders for the future."

MVM staff changes

The College Head's new role is one of several changes within MVM. Professor Jonathan Seckl, Director of Research for the College, will take on a role as Executive Dean for the College. Professor John Iredale, Head of the Centre for Inflammation Research, will also take on a three-year role as Dean of Clinical Medicine. Hugh Edmiston, former Director of Operations at the Roslin Institute of the University of Edinburgh, joined MVM in September as College Registrar-elect. His predecessor Louis Golightly retired.

Teaching and research innovators honoured



Three members of staff have been recognised in the University's annual Chancellor's Awards. The awards, which were presented by the University's Chancellor, HRH Prince Philip, Duke of Edinburgh, reward excellence and innovation in teaching and research.

James Garden, Regius Professor of Clinical Surgery (pictured far left), was



presented the Teaching Award for his role in establishing the Edinburgh Surgical Sciences Qualification.

The Research Award was given to Peter Sandercock, Professor of Medical Neurology (pictured centre), who is actively involved in acute stroke care at the University, and has become a leader in the field. Professor Sandercock heads Edinburgh Neuroscience.



Dr Euan Brechin, Reader in Inorganic Chemistry (pictured far right), received the Rising Star award. This accolade credits young academics who have demonstrated great achievement and potential. Dr Brechin is considered to be the leading UK scientist under 40 in the field of molecular magnetism.

Turn to page 21 for a profile of Professor James Garden.

S&E's Deputy Head retires



From setting up Maths Base to playing a key role in the redevelopment of King's Buildings, Dr John Martin, Deputy Head of the College of Science and Engineering, has enjoyed a diverse University career. He stepped down from his post this summer to take early retirement. His colleagues reflect upon his time here.

University of Cambridge graduate Dr John Martin joined the University of Edinburgh in 1973 as a lecturer in mathematics. His achievements in that post include becoming the first to teach the use of PCs to an entire honours class, contributing to the setting up of our first major microlab, establishing the Maths Base for first-year mathematics students at Appleton Tower and serving as Secretary of the Edinburgh Mathematical Society.

In 1991 his talents were recognised by promotion to Senior Lecturer and in 1994, his name emerged for the position of Head of Department. In 1998 John became Vice-Dean [now Deputy Head of College] and for the next 12 years he worked with four Heads of College, providing stability in the College office, and more importantly, managing and initiating many important projects of his own. During a time of great change, John was responsible for the semesterisation and curriculum redevelopment projects as well as redesigning IT delivery and organisation within the College.

John took overall responsibility for buildings and the redevelopment of King's Buildings, playing an important role in ensuring the construction of many important buildings including the Informatics Forum, the Ashworth Wellcome laboratories and the CH Waddington Systems Biology Centre. John was also keen to improve the student experience and under his guidance Appleton Tower was refurbished, with special attention to modern facilities for Maths, Physics and Informatics, as well as a cybercafe.

More recently John was involved in the library project at King's Buildings, which has begun with the refurbishment of the third floor of the James Clerk Maxwell Building as a learning and teaching cluster, as well as preparation for the rebuilding of the old Robertson Library, which started in the summer. Through these developments, John demonstrated an understanding of the different patterns of students' working behaviour by designing facilities that allow for innovative methods of teaching and learning. The enormous range of John's activities and skills make him irreplaceable.

Role play ✦



Name: Billy Hislop

Role: Procurement Training and Development Manager

Department: Procurement Office incorporating Printing Services

What is your role at the University?

My role is to plan and develop procurement-related training and development events for anyone in the University who is involved in procurement.

I also coach and develop staff in procurement matters and brief them on policies, procedures and best practice.

Why does the University need someone to do your job?

The University spends approximately £150 million per annum and managing this expenditure to make budgets stretch further is extremely important, especially given the current economic climate, the pressure on budgets and the increased risks of noncompliance within the regulations.

A large number of University employees are involved in procurement activities and it is important that appropriate help and support is available to them. My role helps people to develop and utilise appropriate skills to help them carry out their duties better.

What essential qualities and skills does a person need to do your job?

Good planning, communication, presentation and influencing skills, as well as a positive attitude to developing people to maximise their potential.

If you would like to nominate yourself or a colleague for this slot, please email bulletin@ed.ac.uk.



New faces for the new year

The University opened its new academic year this autumn with four new Heads of School and a new University Secretary, who have all been officially inducted into their roles. The new appointees, who are pictured left to right, are: Dr Kim Waldron, University Secretary; Dr Andy McKinlay, Head of the School of Philosophy, Psychology & Language Sciences; Professor Jay Brown, Head of the School of Divinity (acting); Professor Cara Aitchison, Head of the Moray House School of Education; and Professor Eleanor Campbell, Head of the School of Chemistry.

Dr McKinlay and Professors Brown and Campbell took up their new roles at the start of the new academic year. Professor Aitchison took up her appointment in June 2010, and Dr Waldron took up her position on 1 August. All four new Heads and the new University Secretary completed an induction course in August to help ease them into their new roles.

Queen's Birthday Honours list

Several staff members and associates of the University of Edinburgh have been recognised in the 2010 Queen's Birthday Honours. Honorary Professor Veronica van Heyningen FRS, received a CBE for services to science.

OBEs were given to Utheshtra Chetty, retired Senior Consultant Surgeon with the Edinburgh Breast Unit and Honorary Senior Lecturer with the University's School of Surgery, and Rosalind Newlands, who works with the University's Office of Lifelong Learning as Course Director for the Scottish Tourist Guides Association Blue Badge Training Course. Receiving MBEs were Jim Aitken, the Director for the Centre for Sports and Exercise, and Health and Safety's Donald Blue.

Obituary

Peter Denyer (1953–2010)



Peter Denyer was an electronics engineer, distinguished academic, inventor, company CEO and multiple entrepreneur. He pioneered CMOS

image sensor chips for many applications, including mobile phones, and was the first academic to bring a Scottish university spin-out company to PLC.

In 1980 Peter was appointed lecturer at the University of Edinburgh, where his first research project was to invent a method of bit-serial compilation. His work grew rapidly from there and in 1989, his discoveries led to the creation of the world's first single-chip CMOS video camera. Peter quickly took the

opportunity to develop this technology commercially, by setting up VLSI Vision Ltd (VVL). The company became the first Scottish university spin-out to become a PLC. In 1998, it became the imaging division of STMicroelectronics and Peter acted as a consultant and adviser during the transition.

Peter resigned from his Chair at the University, but was appointed an Honorary Professor in 2001. He acted as Chairman for the Scottish Microelectronics Centre, Microemissive displays and Rhetorical Systems. He also held posts as Adviser to the University of Edinburgh Commercialisation Unit, Chairman of ATEEDA, Adviser to Dexela, Chairman of QFT, Angel Investor, Chairman of Pufferfish and Board Member of the ERA Foundation.

In 1997 Peter obtained a Queen's Award to Industry for VVL. In 1998 he was awarded the Royal Academy of Engineering Silver Medal and was appointed Fellow of the Royal Society of Edinburgh. In 2008 his work on CMOS camera chips was awarded one of the Rank Optoelectronics Prizes.

Peter was an inspiration to a generation of students, young academics and aspiring entrepreneurs. He was inventive, dynamic and exciting to work with and full of energy and enthusiasm. His skills, advice and assistance in finding customers, or investors, given to many high-tech SMEs over the last decade will be sorely missed.

*Dr David Renshaw,
School of Engineering*

Like father, like son



Childhood ambitions materialised into a successful surgical career for Professor James Garden. The surgeon talks to bulletin.

As a small boy, James Garden had big dreams. Of becoming a farmer... And then a fireman... But after observing his orthopaedic surgeon father on the wards of his local Lanarkshire hospital, he was sold on medicine.

Now, many years later, it's clear that James, the University's Regius Professor of Clinical Surgery and Honorary Consultant Surgeon at the Royal Infirmary of Edinburgh, made a good decision.

"As children we would go along to the hospital to entertain patients. There was a real community spirit," he reflects. "My father was a bit of an interventionist and he had made quite a reputation for himself, which seemed to be based around teamwork."

Collaboration and communication are of paramount importance to James, who received this year's Chancellor's Award for Teaching in recognition of his role in establishing the online MSc in Surgical Sciences (the Edinburgh Surgical Sciences Qualification). The unique programme supports surgical trainees through the early years of their postgraduate surgical training using an e-learning web-based system, and attracts high-calibre students from all corners of the globe.


He insists, however, the development of the MSc programme was a collaborative effort: "It is one thing for me to deliver the leadership, but we have involved more than 400 senior trainees and consultant surgeons, and to get that degree of support from colleagues is very rewarding. I have always been fiercely proud of Edinburgh medicine's international reputation, and our programme is essentially spreading the 'Edinburgh enlightenment'."

James's Chancellor's Award also recognises his innovative teaching approach to the undergraduate medical curriculum.

"One of the many reasons why we have had so many good bright young people coming through Edinburgh surgery is that we always try to engage the undergraduates – they get to know us and you always get a kick out of seeing a young person mature and develop," he enthuses.

James himself studied medicine at Edinburgh in the 1970s and completed his postgraduate surgical training in Edinburgh, Glasgow and finally Paris, where he trained in liver transplant and hepatobiliary surgery. He then returned to Edinburgh, where he played an integral role in establishing the Scottish Liver Transplant Unit at the Royal Infirmary of Edinburgh. In 1992, he performed Scotland's first successful liver transplant, and the unit has subsequently transplanted some 1,000 patients. It is also established as a major referral centre for complex problems requiring surgery to the liver, pancreas and bile ducts.

On the back of this success, James was able to help establish kidney and pancreas transplant units at the Royal Infirmary. Having such a strong academic surgical group enables his team to deliver high-quality clinical training and patient care while concurrently building a solid and supportive environment in which research and teaching can flourish. He explains: "We now have the critical mass to deliver in all of these areas. It comes back a little to when I was observing my father – everyone has a place in the team."

As for his own remit at the University and beyond, James has enjoyed a varied and challenging career, and his many roles mean that every hour in his working week is accounted for. "I would say I have a very balanced lifestyle; my family would probably beg to differ!" he jokes. "There are some sacrifices, such as working long clinical hours, but it is rewarding as you feel that you are enhancing the reputation of the University and that you are actually making a difference." 

I have always been fiercely proud of Edinburgh medicine's international reputation, and our programme is essentially spreading the 'Edinburgh enlightenment'.

PROFESSOR JAMES GARDEN: CV

The University of Edinburgh

- 1978–1979: Anatomy Demonstrator
- 1997–2000: Consultant Professor of Hepatobiliary Surgery, Royal Infirmary of Edinburgh
- 2000–present: Regius Professor of Clinical Surgery
- 2002–2006: Head of the School of Clinical Sciences & Community Health
- 2007–present: Director of MSc in Surgical Sciences (ESSQ)

Other roles

- 1985–1988: Lecturer, University of Glasgow, Glasgow Royal Infirmary
- 1986–1987: Chef de Clinique, Hopital Paul Brousse, Villejuif, France
- 1988–present: Honorary Consultant Surgeon, Royal Infirmary of Edinburgh
- 2004–present: Surgeon to the Queen in Scotland

health & wellbeing

Striking gold for health

The University has received Gold Healthy Working Lives accreditation in recognition of its commitment to enhancing health and wellbeing in the workplace. The award is part of a national programme, run by the Scottish Centre for Healthy Working Lives. To earn Gold, the University was assessed on a range of areas related to health and wellbeing in the workplace, including health and safety, occupational health, supporting staff attendance, diet and exercise, mental wellbeing and community health. Karen Darling, Deputy Director of Health and Safety, says: "This award recognises the efforts of all the staff who have played a part in implementing and developing both existing and new initiatives and activities that benefit the University community and beyond."

For updates and information on health and wellbeing at work and beyond, visit the University's new dedicated website on the subject at www.ed.ac.uk/staff-students/staff/health-wellbeing.



Grilled Yellowfin Tuna with Puy Lentils & Malawi Rice

Supplied by Kitchen Manager Klaus Knust

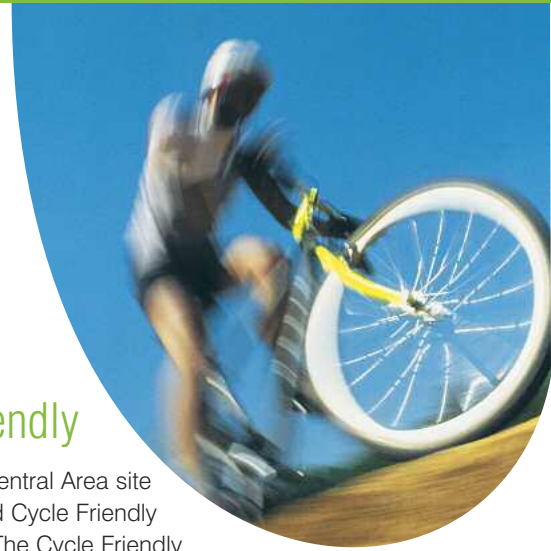
Serves 4

600g tuna loin (sashimi grade), cut into 4 medallions
 200g brown Malawi rice*
 100g red onion, finely diced
 2tbs olive oil, for frying and drizzling
 100g puy lentils, cooked until al dente
 50g seedless vine tomatoes, diced
 1tbs lemon juice
 20g red chilli, deseeded and finely sliced lengthways
 16 orange segments (optional)
 40g mixed Sakura and mustard cress leaves
 40g pumpkin seeds (dry-toasted in a pan for a few minutes)
 20g sunflower seeds (dry-toasted in a pan for a few minutes)

* The University signed a pledge to stock fair trade rice from Malawi

Cycling friendly

The University's Central Area site has been awarded Cycle Friendly Employer status. The Cycle Friendly Employer Award scheme was set up by Cycling Scotland to provide national recognition for organisations whose workplaces support cycling. The University already holds the accreditation for the King's Buildings campus.



Orienteering course

A new orienteering course has opened at Pollock Halls. The course is available for students, staff, visitors, event organisers and local community groups. You can try a number of routes on the course, and the longest will take approximately 45 minutes for walkers, or 10 to 15 minutes for runners. There is a nominal charge of £1. Further information is available from the Reception Centre at Pollock Halls (tel 0131 667 1971).



Make a marinade by combining in a bowl 2 tablespoons extra-virgin olive oil, finely grated zest of 1 lemon, 10g sea salt and freshly ground black pepper, to taste. Add tuna, cover and refrigerate for 20 minutes.

Meanwhile, sweat rice and onion in a little olive oil in a saucepan over a medium heat for 1 minute. Gradually add 500ml hot water, stirring occasionally. Simmer gently until water is absorbed or rice is tender. Add a little more hot water if necessary. Add cooked lentils and mix well. Add tomatoes, lemon juice and chilli and season with sea salt and freshly ground black pepper. Set aside and keep warm.

Remove tuna from marinade (discard liquid) and grill under a preheated hot grill or fry on a lightly oiled hot griddle pan for 1 minute each side – flesh should be very pink and moist in the centre (reduce the cooking time by half for medallions thinner than 1 inch).

To serve, spoon rice mixture on to the centre of 4 large plates and arrange tuna on top. Garnish with orange segments, if desired, and cress leaves, sprinkle with pumpkin and sunflower seeds and lightly drizzle with olive oil.

...recipe...recipe...recipe...recipe...recipe...recipe...recipe...recipe...recipe...

Spot the difference

Win tickets to Scottish Opera's *Marriage of Figaro* at the Festival Theatre, Edinburgh, by identifying the differences in our Spot the Difference puzzle. Compare the two pictures on the right. The image of New College on the far right differs from the one on its left. You are looking for five differences. Circle each one and send your entry in by **Wednesday 10 November**. All correct responses will be placed in a draw and a winner will be selected at random and notified by email. Send your entry and email details to our address on page 2. The previous winner was David Nicklas, Printing Services, who won a Walker Slater tie.



Scottish Opera

Mozart's

The Marriage of Figaro

It shouldn't be this complicated...

19 • 21 • 23 • 25 • 27 Nov
Festival Theatre Edinburgh
0131 529 6000

Sung in Italian with English supertitles

scottishopera.org.uk
Registered in Scotland Number SC037531 Scottish Charity Number SC019787

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EDINBURGH DISASTERS RESPONSE COMMITTEE PAKISTAN APPEAL: CLEAN WATER SUPPLY



Please give what you can today to help the people of Pakistan.

Online at www.mercycorps.org.uk (24 hours)
By phone on 0845 245 0686 (Mon - Fri, 9am - 5pm)

Clean and secure drinking water systems are now even more crucial for people directly and indirectly affected by the flooding.

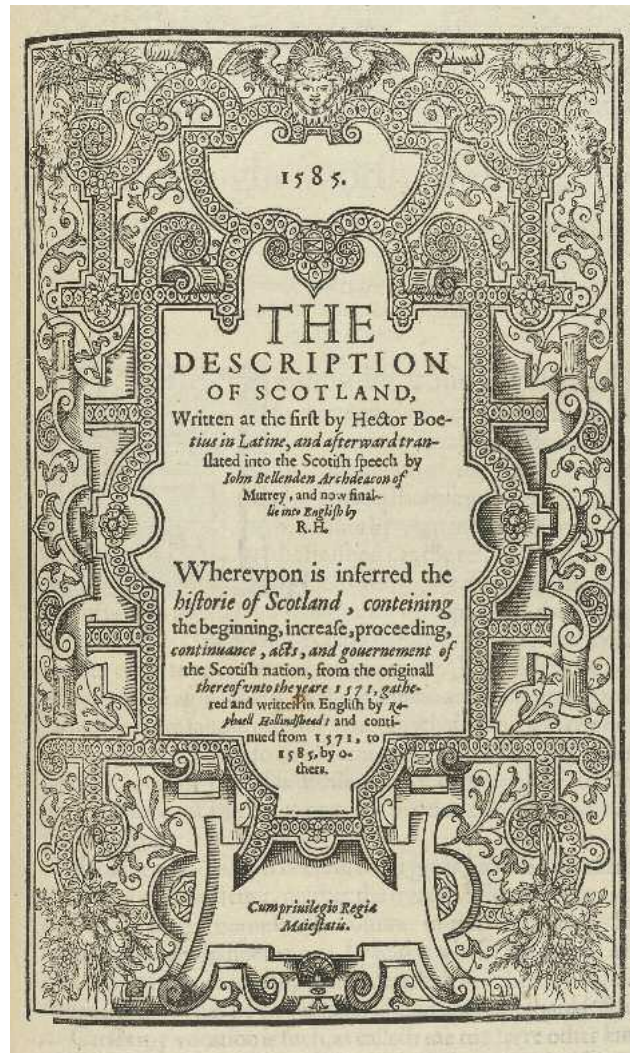
To help the recovery we are appealing for funds to help build 50 water systems to supply 50,000 people.

This will reduce the risk of waterborne diseases - which can kill.

Mercy Corps in association with the City of Edinburgh Council and other city organisations



Registered Charity Number SC030289 Company Registration number: 208829



Showcase

In every issue of *bulletin* we profile an item from the University Collections.

Holinshed's Chronicles

The 1587 edition of Holinshed's *Chronicles: An Historical Description of the Land of Britain, and Scotland* was used by William Shakespeare as the principal source for his history plays and *Macbeth*. This heavily revised and augmented second edition was also one of a number of sources he used when writing *King Lear* and *Cymbeline*.

Bound in a handsome 18th-century binding and in outstanding condition, it will be used for research and teaching and will also enrich both the University's intellectual capital and research heritage.

The Chronicles will be displayed alongside some of the University's collection of Shakespeare's Quartos in the Centre for Research Collections' viewing gallery.