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Foreword

The past year has seen many new faces and new beginnings at the University of Edinburgh. In this edition we welcome readers from Edinburgh College of Art and new Principal Professor Christopher Breward outlines his plans for the College on page 14. We also profile the relocated Roslin Institute (page 8), now home to one of the world's largest groupings of animal scientists, and celebrate the revamped Old College quadrangle (page 26).

Also in this issue, psychologist Professor Richard Wiseman explains how Edinburgh has informed his experiments and ideas (page 12), we highlight the accomplishments of pioneering pacifist and feminist Chrystal Macmillan (page 18), and we present a selection of recollections of your time at Edinburgh, alongside a sample of your most recent achievements (pages 20-25 and 28-31)

With best wishes for the holiday season.

For those General Council members who have requested them, voting papers for the election of the members of the General Council's Business Committee are enclosed. To vote online, visit www.general-council.ed.ac.uk/elections.htm.

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University News

Cinema superstar among Edinburgh honorary graduates

A leading Chinese actress and an Olympic silver medallist were honoured at the University's summer graduation ceremonies.

One of modern cinema's greatest actresses, Maggie Cheung, received a Doctor *honoris causa*.

Ms Cheung has appeared in more than 70 films and is renowned for her stunning performances in *Hero* and *In the Mood for Love*. Raised in England and Hong Kong, she is the first Asian actress to win a prize at the Cannes Film Festival.

Alumna and three-time Olympic rowing silver medallist Katherine Grainger also received an honorary degree (Doctor honoris causa). Ms Grainger started rowing as an Edinburgh undergraduate and was captain of the Edinburgh University Boat Club. She graduated LLB from Edinburgh in 1997.

Other notable public figures who were honoured over the summer



Hong Kong actress Maggie Cheung was awarded the degree Doctor *honoris causa*.

include Olivia Giles (Doctor of Laws), founder and Chief Executive of the 500 miles charity, which supports amputees and other disabled people in Malawi and Zambia in Africa; Bulgarian politician Irina Bokova (Doctor honoris causa), Director-General of UNESCO; and António Horta Osório (Doctor honoris causa), Chief Executive Officer of Lloyds Banking Group plc.

Antarctic rocks help experts predict sea levels

Ancient rocks embedded in the West Antarctic ice sheet could help University scientists improve sea level predictions.

The researchers will determine how long Antarctic rocks at the ice surface have been exposed to cosmic radiation – energy from exploding stars in space – during their lifetime. They will use sensor technology and chemical analysis to analyse the rocks and their findings will indicate whether the ice sheet melted at the warmest point between the two most

recent global ice ages, some 120,000 years ago, when sea levels rose by up to six metres.

"This will help us predict whether we are heading for major sea level rises in the next century or so, as we head toward warmer climates," says Professor David Sugden of the School of GeoSciences.

Understanding how the West Antarctic ice sheet behaved between ice ages will enable scientists to improve their models of past climates, Professor Sugden says.

Study could help superbug battle

Targeting a toxin released by virtually all strains of MRSA could help scientists develop new drugs that can fight the superbug.

A study from the Roslin Institute at the University of Edinburgh discovered a toxin – SEIX – that leads the body's immune system to go into overdrive and damage healthy cells.

The investigation will enable research to find drugs that could target SEIX and prevent damage to healthy cells, says Dr Ross Fitzgerald of the Roslin Institute: "If we can find ways to target this toxin, we can stop it from triggering an over-reaction of the body's immune system and prevent severe infections."

Merger complete

Edinburgh College of Art merged with the University of Edinburgh on 1 August 2011.



As a result of the merger, the College has combined with the University's School of Arts, Culture and

a new, enlarged Edinburgh
College of Art within the University.
The new Principal of the College
is Professor Christopher Breward,
above, who took up his position
in September. Professor Breward
was formerly Head of Research
at the Victoria & Albert Museum
in London.

Read an interview with Professor Breward on page 14.



New Chancellor installed

HRH The Princess Royal has been installed as the new Chancellor of the University of Edinburgh.

The installation took place in the Old College quadrangle in autumn.

The Princess Royal is the University's eighth Chancellor in the 150-year history of the position and succeeds HRH The Prince Philip, Duke of Edinburgh, who stepped down from the role in 2010, having held it since 1953. She is also Patron of the University's Royal (Dick) School of Veterinary Studies.

The official ceremony was followed by refreshments on Old College lawn, and the Chancellor unveiled a plaque to mark the newly completed landscaping of the quadrangle.

During the event the Chancellor also presented a benefactor's award to Harry Potter author JK Rowling. It recognises her gift of £10 million to the University for the establishment of the Anne Rowling Regenerative Neurology Clinic. The facility, due to open in spring 2013,

will focus on research into treatments for multiple sclerosis.

In a later ceremony, Ms Rowling buried a time capsule to acknowledge the start of building work on the centre.

Chancellor's award winners

Following the installation event, the Chancellor presented awards to three members of staff for their contribution to teaching and research.

Sue Welburn, Professor of Medical and Veterinary Molecular Epidemiology and Director of the University's Global Health Academy, was given the teaching award.

Mark Bradley, Professor of High-Throughput Chemistry, received the award for research.

Dr Dominic Johnson, Reader in Politics and International Relations, was given the Rising Star Award, in recognition of his academic potential.

NEWS IN BRIEF

For all the latest University news, visit

New malaria vaccine

University scientists have created a malaria vaccine to target different forms of the disease and help those most at risk. The vaccine is designed to trigger production of a range of antibodies to fight the different types of malaria parasite. Scientists created the vaccine by combining multiple versions of a key protein found in many types of malaria parasite.

Fighting climate change

Innovative methods that turn agricultural waste into carbon-rich soil in a bid to tackle climate change are to be developed at a new facility based at the University's Biochar Research Centre. The unit will help researchers to produce biochar, a charcoal-like substance made through the oxygen-free, slow heating of agricultural waste.

Excellence acknowledged

Colin Pulham, Professor of High-Pressure Chemistry, was the 2011 winner of the Tam Dalyell Prize for Excellence in Engaging the Public with Science. Following the award presentation in early December Professor Pulham delivered the University of Edinburgh Christmas Lecture, titled 'Chemistry – Our Life, Our Future'.

Diesel fumes 'heart risk'

Tiny chemical particles emitted by diesel exhaust fumes could raise the risk of heart attacks, Edinburgh researchers say. Scientists have found that ultrafine particles produced when diesel burns are harmful to blood vessels and can increase the chances of blood clots forming in arteries, leading to a heart attack or stroke.

University News

Edinburgh IVF pioneer knighted

University of Edinburgh alumnus and IVF pioneer Robert Edwards was acknowledged with a knighthood in the 2011 Queen's Birthday Honours.

Sir Robert, who undertook postgraduate and postdoctoral study at the University of Edinburgh and received the 2010 Nobel Prize in Physiology or Medicine, was knighted for services to human reproductive biology.

Two University staff members were also recognised in the Honours list.

Lesley Forrest, a Senior Administrative Assistant in the Finance division, and Jill Pilkington, a research associate with the School of Biological Sciences, both received MBEs.

Mrs Forrest, who underwent a kidney transplant in 1996, was awarded for voluntary service to transplant athletics while Mrs Pilkington was awarded for services to science.

Near-death events are 'tricks of mind'

Near-death experiences are not paranormal but are triggered by a change in normal brain function, according to researchers.

Psychologists at the universities of Edinburgh and Cambridge who reviewed a range of phenomena such as out-of-body experiences. visions of tunnels of light and encounters with dead relatives, say they are tricks of the mind rather than a glimpse of the afterlife.

The experts say that many common near-death experiences could be caused by the brain's attempt to make sense of unusual sensations and perceptions occurring during a traumatic event

Specialised scans capture tarantula's beating heart

Scanning technology pioneered at the University of Edinburgh has revealed for the first time in detail how a spider's heart beats.

MRI scans, which show blood flowing in and out of a tarantula's heart, suggest the way in which a spider's heart functions is much more complex than previously thought. Edinburgh scientists have used the scans to look at heart rate and blood



Experts believe the research could improve understanding of the way spiders evolved.

volume, enabling a better insight into the workings of a spider's heart.

The research, carried out in collaboration with the University of Glasgow, may help provide a greater understanding of the unique evolution of spiders and of how the species evolved differently in comparison to other animals. Unlike most other invertebrates, spiders - like humans – have more centralised organs such as the heart and the brain.

Gavin Merrifield, from the University's department of Medical Physics, says: "These specialised MRI scans have given us in-depth images to provide a much better insight into how a spider's heart works. Further scans will help us gain new evolutionary information and identify not only the similarities that we share with spiders, but also how and when they acquired them independent of ourselves."

Experts discover supermassive black hole

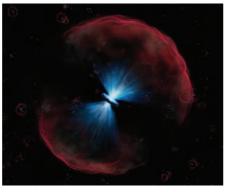
Scientists at the University's School of Physics & Astronomy have discovered a supermassive black hole sitting at the centre of a distant galaxy.

The black hole appears to astronomers as a luminous guasar, or swirling disc of gas: as the gas falls into the black hole, it emits radiation, in the form of light.

Edinburgh scientists led an international team of astronomers that made the discovery using data from an ongoing sky survey at the United Kingdom Infrared Telescope, which was built at the Edinburgh's Royal Observatory and is based in Hawaii.

Light from the quasar began its journey

toward Earth only 770 million years after the Big Bang and researchers now hope that they can learn more about what conditions were like early in the Universe, 14 billion years ago.







State-of-the-art veterinary teaching facility opened

The University's innovative new teaching building for veterinary students has been officially opened at the Easter Bush campus.

The £42 million facility was opened by The Princess Royal, the University's Chancellor and Patron of the Vet School.

The building houses modern and flexible learning and teaching suites designed to support world-class veterinary education.

The unveiling of the new centre was followed by the appointment of Professor David Argyle as the new Head of the Royal (Dick) School of Veterinary Studies.

Professor John Savill, Head of the College of Medicine & Veterinary Medicine, says: "This is an exciting time for veterinary education with many opportunities arising from significant investment at the University's Easter Bush campus."

Also in 2011, researchers from the University's Roslin Institute took up residence at the Easter Bush site in a new purpose-built centre.

Read more about the new home of the Roslin Institute on page 8.

MILESTONE FOR ENGLISH LITERATURE

The University's department of English Literature will be celebrating its 250th anniversary in 2012 with a range of special events.

There are plans for a major lecture to be held in May; the exhibition '250 Years of Literature in Edinburgh' in the University's Main Library, showcasing

books, letters and other artefacts; and an event at the 2012 Edinburgh International Book Festival debating the role of literary study in contemporary culture. There will also be a series of walking tours in association with the 'Edinburgh: UNESCO World City of Literature' project. Email hod.englit@ed.ac.uk.

Strong crop of new companies created

For all the latest University news, visit

The University has recorded another solid year of creating new companies, strengthening its position as Scotland's leading research

The University formed 35 new firms in the 2010-2011 academic year, following on from the record 40 companies created in 2009-2010

New companies created by Edinburgh Research and Innovation (ERI) – the University's commercialisation arm - in the past year include Speech Graphics, which develops software that realistically creates speech-synchronisation for video games, and DestiNA Genomics, which has developed a chemical test that quickly detects genetic mutations.

In the past five years, the University has formed 143 companies. Around 75 per cent are still in operation and currently employ more than 300 staff

Fool's gold provides priceless insight

Fool's gold is providing Edinburgh scientists with valuable insight into the Earth's past geological events.

Experts within the School of GeoSciences are recreating ancient forms of the mineral pyrite - dubbed fool's gold for its metallic lustre - that reveal details of the Earth before the Great Oxygenation Event, which took place 2.4 billion years ago. This was a time when oxygen released by early forms of bacteria gave rise to new forms of plant and animal life, transforming the Earth's oceans and atmosphere.

Studying the composition of different forms of iron in fool's gold enables better understanding of geological conditions at the time.

All together now

The 2011 unveiling of the Roslin Institute's new £60 million facility marks a major step forward for global animal health research. By Tara Womersley

t first glance, the rolling pasture land of Midlothian's Pentland Hills may not seem the obvious backdrop for an international hub of cuttingedge scientific activity. But it is here, at the University of Edinburgh's Easter Bush veterinary campus on the outskirts of the city, that the epicentre of one of the world's largest concentrations of animal scientists is now located.

Having recently taken up residence in a £60 million state-of-the-art complex - the new home for the Roslin Institute some 500 experts are getting on with the challenge of addressing some of the world's most pressing animal health and welfare concerns. And that task, says Institute Director Professor David Hume, is made all the easier thanks to the award-winning design of the innovative new building.

"Our building, with a design based on a pair of chromosomes, is instantly recognisable," he says. "But more importantly, it's changing the way we approach science. This is because the building is predominantly open plan, so it encourages interaction and removes the traditional boundaries associated with scientists working in isolated areas.

University researchers share their new space with animal sciences partners from the Scottish Agricultural College (SAC), and the close proximity offers great scope for cross-collaborative

research and information sharing, says Professor Hume. "In terms of improving health for livestock animals the partnership with SAC is a logical one." he explains.

"The SAC has plenty of expertise in livestock and good relationships with farmers, so by working together we can enhance research to improve animal health as well as translate any discoveries that we make for use in livestock farming."

The Roslin Institute joined the University of Edinburgh in 2008 and over the past three years has almost doubled the number of researchers it houses. It has received key Biotechnology and Biological Sciences Research Council funding for both the new building and the scientific investigations undertaken within its walls.

The Institute's researchers carry out world-leading basic and translational science to tackle global animal health and welfare issues and any implications those issues have on human health and the role of animals in the food chain.

The research stars of tomorrow are also being nurtured at Roslin: 100 PhD students are currently under supervision and 2011 saw the first cohorts from the Institute's new MSc in Animal Biosciences begin their studies.

The Roslin Institute is perhaps best known internationally for creating Dolly the sheep, the world's first animal to be cloned from an adult somatic cell.

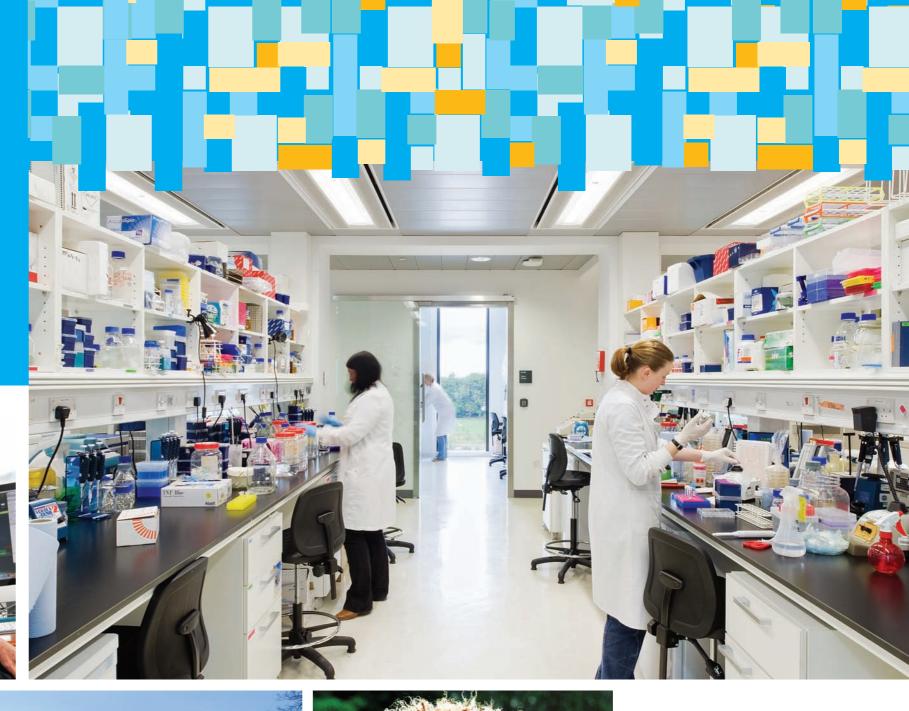






"By working together we can enhance research to improve animal health as well as translate any discoveries we make for use in livestock farming."

Clockwise, from above: scientists at the facility can use the latest technology to research animal health; Dolly the sheep, whose legacy continues to shape research; the new building at Easter Bush, which has already won awards for its design; Institute Director Professor David Hume.



Although cloning is no longer part of the Institute's remit, Dolly's legacy continues to impact heavily on Edinburgh's research into disease treatments – especially in the field of developmental biology and, in particular, the role played by embryonic stem cells in an animal's early development.

"Dolly's legacy is enabling us to understand the process of how cells can lead to the full development of both animals and humans," Professor Hume explains. "Although we have moved on from cloning we certainly have not forgotten the impact that Dolly has made. We have even named the canteen in the new building – Dolly's Diner – after her."

Improving treatments

The Roslin Institute continues, also, to break new ground in quantitative genetics. Research in this field seeks to identify genes that could improve the economic viability of livestock.

Edinburgh researchers made worldwide headlines in 2011 when it was announced that they had developed a strain of genetically modified chickens that cannot spread avian flu to other birds. Poultry production now ranks as the world's biggest livestock sector, with some 50 billion chickens being produced globally, and the Roslin Institute's focus on improving poultry health remains paramount.

With the world's annual consumption of meat set to double to 470 million tonnes within the next 40 years, the beef industry is also under the microscope at Roslin, where experts are searching for genes that would enable farmers to breed bovine tuberculosis-resistant cattle.

In addition to their investigations into livestock health, Institute scientists are also focusing on developing and improving treatments for animals such as dogs, cats and horses.



"The relationship between the Vet School and the Roslin Institute is also invaluable in that it provides opportunities for veterinary graduates wanting to pursue a career in research." Above: researchers at the Institute can now work directly with colleagues in the Vet School.

Below: in 2011 a strain of genetically modified chickens which cannot spread avian flu to other birds was developed by Roslin researchers.



ningson, Durham & Richardson International

Again, collaboration and close proximity are key components to success in this area – Roslin experts are now working directly alongside their colleagues from the University's Royal (Dick) School of Veterinary Studies.

The Vet School's recently unveiled £42 million teaching building lies adjacent to the Roslin Institute at the University's Easter Bush campus. Bringing on to the one site the research of the Institute and the combined teaching and clinical activities of the Vet School produces enormous benefits, says Professor Hume: "Our affiliation with the Vet School can help us learn things about human biology, just as is the case the other way round – in that we can translate our knowledge of human biology to improve treatments for animals."

Professor David Argyle, new Head of the Royal (Dick) School of Veterinary Studies in October 2011, agrees that the union opens up enormous possibilities for graduates in the dynamic and growing field of veterinary medicine.

He says: "Having vets collaborate on research at the Roslin Institute will impact on wide-ranging areas of veterinary medicine. Such a partnership means we can share expertise with a number of projects.

"This could range from looking at ways of improving the health of livestock animals to preventing infections from spreading between species. Other areas include looking at the important roles genes play, which will enable us to better understand why certain animals are more susceptible to particular illnesses."

He continues: "The relationship between the Vet School and the Roslin Institute is also invaluable in that it provides opportunities for veterinary graduates wanting to pursue a career in research."

An inspired design

The Roslin Institute's design was inspired by the shape of a pair of human chromosomes, with a rainbow progression of coloured panels linking offices with research laboratories. The three-storey building covers 14,000 square metres and includes a lecture theatre and conference facilities. Its environmentally friendly design features natural ventilation in offices and social spaces and coloured glass panels on the building's exterior, which help to prevent the build-up of solar heat.







Clockwise, from top left: the new building is light and open plan, with an emphasis on shared space between laboratories and offices; the canteen has been named Dolly's Diner after the Institute's famous cloned sheep; the £60 million complex houses 500 animal health experts.



Cate MacKenzie: You started your working life as a magician... how did that career develop?

Richard Wiseman: I remember my grandfather performing a really good trick with a coin. It was the only trick he did but he never told me how it was performed. I was about eight, and I went to the local library to try and find out. When I wasn't much older than a kid myself, I did a lot of kids' shows as an entertainer and then I did street entertaining in Covent Garden in

CM: Why did you choose Edinburgh for your postgraduate studies?

RW: I studied psychology at the University College London and I became interested in the paranormal. A friend saw an advert from Edinburgh that he thought might appeal to me, as he knew I was interested in doing a PhD in 'weird things'. So I came up here to look into it, rather liked it and then managed to get a grant to study here.

CM: Did any academic staff members inspire you?

RW: [The late] Bob Morris, my main supervisor, was my main influence. He was very mild mannered, very approachable, very funny and also very even handed within parapsychology, and that's unusual – most people are either extremely sceptical or extreme believers and few people can see both sides of the argument.

CM: What did you do for fun when you were a student?

RW: I was a bit of a workaholic and I spent most of my time in the Psychology department in George Square. I lived in Marchmont for a while and then above Negociants pub on Lothian Street, so most nights my entertainment was looking out the window! By far my favourite memories are of rushing from one magic show at the Festival Fringe to another. August always feels special because for that month, your city becomes the centre of the arts world.

CM: So you're a Londoner who also sees Edinburgh as 'your city'?

RW: I think Edinburgh is one of the most gorgeous places on Earth. I still get smacked in the mouth on those days when you look up and see the Crags or the Castle and you realise just how beautiful the city is.

CM: And you have quite strong professional ties here too...

RW: I've often spoken at the International Book Festival and my involvement with the Science Festival at the University goes back to my time as a postgraduate. A lot of the experiments in my books *Quirkology* and 59 Seconds were run in Edinburgh too. And then there's the Edinburgh Secret Society [a mysterious organisation run by Richard and Edinburgh psychology lecturer Dr Peter Lamont] – we have a very enthusiastic following of people of a curious disposition who like unusual evenings.

CM: Your job is to help people comprehend unusual things... Tell me about your role as Professor of the Public Understanding of Psychology at the University of Hertfordshire.

RW: There's a lot of bad psychology out there, stuff with very little evidence to support it, and yet there's a lot of academic psychology that doesn't get beyond the journals – my role is to be a bridge between that work and the general public, whether it's through books, TV, talks, science festivals or consulting. I'm a social psychologist rather than a cognitive or physiological one, and 'social' stretches into a lot of areas.

CM: Has social media changed how you can inform people about psychology?

RW: It has made a huge difference; a lot of my work is online and you can reach

huge numbers of people. One of my videos, *The Colour-changing Card Trick*, has had more than 4.5 million views, and that was made for £50 in the lab. Twitter and Facebook offer a way of reaching out to people that was impossible maybe even just three years ago.

CM: But surely conventional face-toface teaching has its merits?

RW: I still like the idea of people getting together and talking to one another. My background is in performance, so I enjoy getting up in front of audiences. The fun and challenge is to take the academic psychology, which is quite rightly rather dull to most people, and bring it into a domain where it becomes exciting.

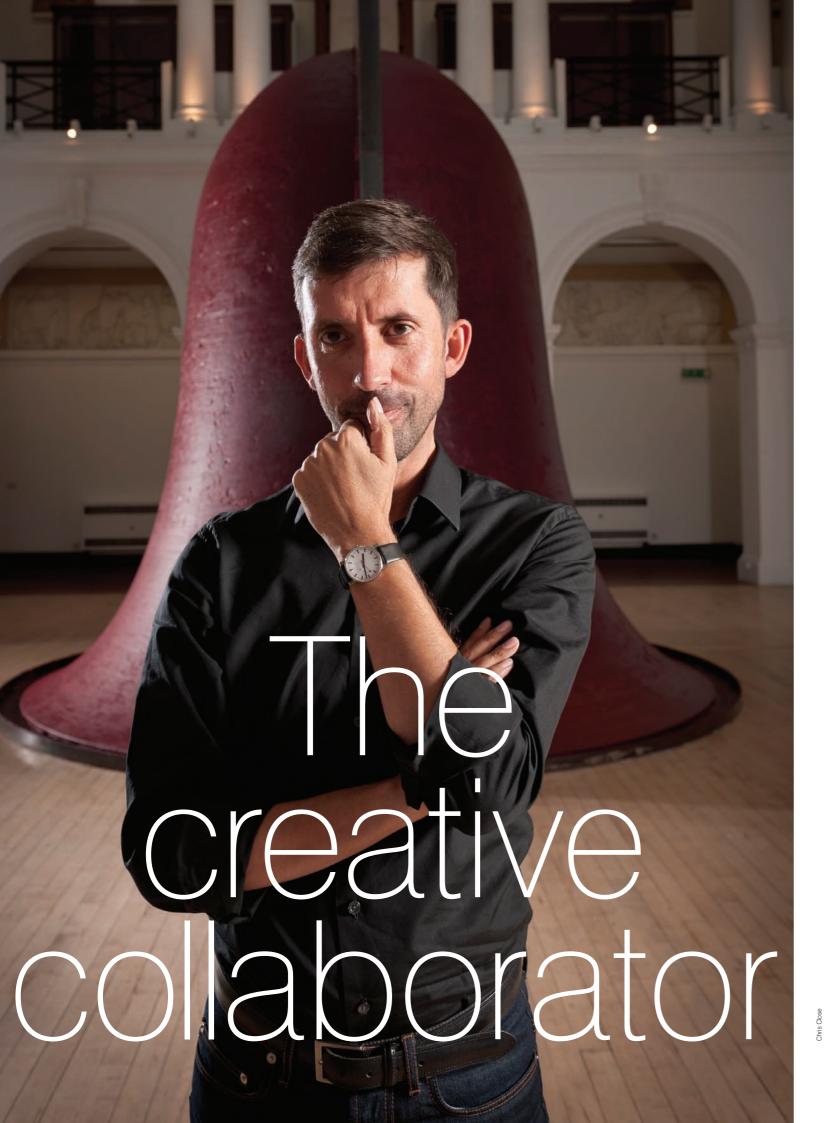
CM: Some of your experiments, such as your investigation into Edinburgh's 'haunted' underground vaults, involve huge numbers of participants... Do things always run smoothly?

RW: When you're dealing with large numbers of people you have to be almost like an events manager as much as you are a psychologist. With the underground vaults experiment we had to work out how to get several hundred people safely down to the vaults, get them to report their 'weird' experiences, each in their own vault, and then get them back out again.

CM: You were recently named in a poll as one of the top 100 people who make Britain a better place. That's rather a nice accolade...

RW: I'd say I'm probably one of the top 100 who don't make it worse! Sometimes having fingers in lots of pies helps – for example, 59 Seconds is about how to be more creative, or how to fall in love, or how to achieve your goals more effectively, and all those things, I think, make people's lives better.

The fun and challenge is to take the academic psychology and bring it into a domain where it becomes exciting.





Merger with the University will unleash ideas, ingenuity and risk-taking at Edinburgh College of Art, says its new Head, Professor Christopher Breward. By Edd McCracken

or a man famed for his sartorial knowledge, Professor Christopher Breward is reassuringly dapper in person. The author of several seminal texts on men's fashion, the new Principal of Edinburgh College of Art (ECA) cuts a slender, sharply dressed figure. And, as with any dedicated follower of fashion, the power of aesthetics is never far from his mind.

"The main building is the best located art school in the world," he says, smiling. "Look at the views it has on to the castle. It's an inspirational place, a great place to learn."

Professor Breward took up his position at the College in September, swapping his post as Head of Research within London's cathedral to art and design, the Victoria and Albert Museum

(the V&A), for one of the creative industries' most prolific seminaries.

He has been flirting with ECA all his life. As a young man studying at London's Courtauld Institute, he was aware of the College's MA in Fine Art, unique for its art history element. ECA's influence has loomed ever larger as his career progressed: he moved from studying to teaching at the Royal College of Art, then on to the V&A in 2004 via the London College of Fashion. He has published incessantly throughout, penning a tome on the history of fashionable dress and books on men's style between 1963 and 1973, British Asian style and men's fashion in the late Victorian and Edwardian age.

His final project with the V&A confirmed his fascination with ECA He has co-curated the museum's 2012 London Olympic Games offering,

a retrospective of British design from 1948 – the last time the Games rolled into the UK. In the process, he discovered just how much of a hold the College has had on the past six decades. "The artists and architects I was particularly drawn to have been alumni of ECA," he reveals. "My favourite architect is Sir Basil Spence [who designed the University's Main Library], one of the greatest ECA alumni. Coventry Cathedral is one of the UK's best buildings."

Admitting his move to Edinburgh was in some ways a "leap", Professor Breward is enthusiastic about the possibilities art colleges can provide. "They add a bit of grit to life," he says. "They are risk-taking institutions. The role of the artist or the creative practitioner is to push boundaries. Because of their flexibility and suspicion of hierarchy, art colleges bring people together with different perspectives. They are creative laboratories, and ECA is well placed to play that sort of role."

Just as important, he stresses, is how ECA relates to its new 'home'. The College merged with the University in August, a marriage that will open up potential collaborations with every corner of the institution. Professor Breward believes: "We live in a more spatially and visually engaged society. All disciplines within the University have potential for connection – the sciences, medicine, as well as humanities. These collaborations help bring a broader understanding of society."

Music is a subject area that particularly excites him. Formerly part of the University's School of Arts, Culture and the Environment, it now sits with the newly enlarged ECA. "I can't think of any other art college that will have such a strong relationship with music," he enthuses. "In the history of the art college there is an interesting play on rock and pop music, counter-cultural music, coming out from art students. But here we have the discipline itself, sitting within the College. It's full of possibilities."

Professor Breward brings his focus back to ECA's magnificent main



building, complete with its sculpture court and airy studios. Reading its masonry, space and light like he would a gentleman's suit, he reflects on what it says about its owner. "ECA has a strong reputation for providing traditional training in arts and crafts skills," he explains. "You get a sense of that with the studio space, the cast collection, and that echoes through to contemporary art practice. ECA has this proud heritage of a particular kind of art education, and I want to preserve that."

Yet amidst his list of priorities, maintaining this classic facet of ECA while encouraging its crucial role

as an incubator for new ideas and technologies is key. "After years of conceptual art we've seen the resurgence of drawing, a growing interest in the object, the rediscovery of things, running alongside an embracing of the virtual and the digital," Professor Breward says. "There's been a real thinking through of processes, of what skill means, what beauty means. You can find that dualism in various moments of ECA's history but it's enjoying a resurgence at the moment. And the new ECA is very well placed to take advantage of that.'

ECA: a tradition of excellence

Founded in 1760, Edinburgh College of Art has produced some of Britain's most respected artists, from sculptor Eduardo Paolozzi to Turner Prize nominee Callum Innes. The recent merger with the University has created five distinct subject areas and has built on the already strong ties between the two institutions: the MA in Fine Art has been run jointly since 1946, Edinburgh has accredited ECA degrees since 2004, and the two institutions' architecture departments merged in 2009. Here is a taste of some of the most versatile talents to have emerged in recent years.

Art:



This department incorporates drawing. painting, photography, sculpture and theory, and recently started a research partnership with the National Galleries of Scotland and the Tate on Artist Rooms. collector Anthony d'Offay's gift to the nation of his contemporary art collection.

Richard Wright graduated in 1982. His works include striking, large-scale frescos and are often short-lived, only surviving the length of an exhibition before they are destroyed or painted over. In 2009 he won the Turner Prize with one such mural.

Design:



Home to animation, fashion, film direction, glass, graphic design, illustration, interior design, jewellery and silversmithing, performance costume, product design and textiles. By forging partnerships within science and engineering, the department aims to be at the forefront of research.

Rachael Barrett graduated in Design & Applied Arts in 2007 and has since created costumes for pop star Lady Gaga (above). who describes her as a "favourite designer".

Architecture & Landscape Architecture:



The University and College's architecture departments have developed programmes in architectural conservation, urban design, landscape architecture, and art. space and nature. It is the top ranked centre for research in Scotland.

Sir Nicholas Grimshaw, who has designed several of the UK's most striking modernist buildings, including the Eden Project (above) in Cornwall and London's Waterloo train station, graduated in 1962.

History of Art:



Encompassing everything from late Medieval art and the Renaissance to Neoclassicism and the present day, this department has a focus on the late 19thcentury and contemporary art and theory.

Recipient of a recent major retrospective at the Royal Scottish Academy, **Dame Elizabeth Blackadder** graduated with a Masters in Fine Art (MA), taught between Edinburgh College of Art and the University, in 1954. Her work (above) can be found in the Museum of Modern Art in New York.

Music:



Combining theory with practice, music has had a long and distinguished presence within the University. It remains at the cutting edge of music production and consumption.

James MacMillan studied composition and since graduating in 1981 has been commissioned by the likes of the Welsh National Opera and London Symphony Orchestra. He was the composer and conductor for the BBC Philharmonic until 2009.

HIDDEN HISTORIES

CHRYSTAL MACMILLAN

(1872-1937)

A globetrotting feminist in the first decades of the 20th century, Edinburgh alumna Chrystal Macmillan struck blows for equality and peace, before being largely forgotten. Now her story is being retold for a new generation. By Chris Small



he is one of Edinburgh's most radical and remarkable alumni: the University's first

female science graduate, a brilliant mathematician, suffragist, lawyer, internationalist and peace campaigner. But the injustice of Chrystal Macmillan's story is that she is not better known.

Dr Fiona Mackay, Senior Lecturer in Politics at the School of Social and Political Science, describes Macmillan as "a genuine pioneer". "She was the first woman to lobby the House of Lords," she says. "She was an early human rights lawyer, and an early case of somebody arguing that women's rights are human rights. We see in her a prototype for the development of an international feminist activism in the 20th and 21st centuries.'

Born in Edinburgh in 1872, Macmillan was the only daughter in a family of nine children. They grew up in Corstorphine Hill House, now owned by the Royal Zoological Society. She attended



St Leonards School in St Andrews and matriculated at the University of Edinburgh on 5 October 1892 – the first day women were admitted to Scottish universities – graduating four years later with first-class honours in mathematics and natural philosophy.

A 1940s memorial document mentions that she was the "foremost student" of George Chrystal, Professor of Mathematics at Edinburgh in the 1890s. It reads: "The mathematical cast of her mind explains much of the characteristic qualities of her method of reasoning and action, her logical presentation of facts and the conclusions she drew from them, her inability to understand compromise, her personal detachment in argument whether it went for her or against her."

Alongside this rationalism flowered radicalism. Helen Kay, currently researching a book on Macmillan, has

discovered that she attended the first meeting of the Women's Representative Committee at the University on 6 February 1895, and was "engaged politically from the start"

Between 1868 and 1918 the universities of Edinburgh and St Andrews were represented in the House of Commons. As Secretary of the Women Graduates of the Scottish Universities. Macmillan argued that female graduates had a right to vote in the 1906 election.

Ms Kay explains: "They took it to the University Court on the grounds that the Secretary had no right to refuse them and that they should be getting the votes as they were registered graduates of the University. They went to the Court of Session, but they got turned down. They then took it to the House of Lords but they couldn't afford another barrister. so Chrystal led the case herself.

The voting statutes of the University's General Council referred to "persons" throughout, and the crux of Macmillan's argument - which seems reasonable enough – was that women were also "persons". The case failed, but Macmillan received glowing press. Newspapers described her as the "modern Portia" and alluded to her meticulous style.

Despite her public emergence as a suffragist, Macmillan had to live with the personal compromises of her era. In 1901 her father – a tea merchant – died suddenly and her brothers insisted that she return to manage the family home. She did not leave Edinburgh until 1913,

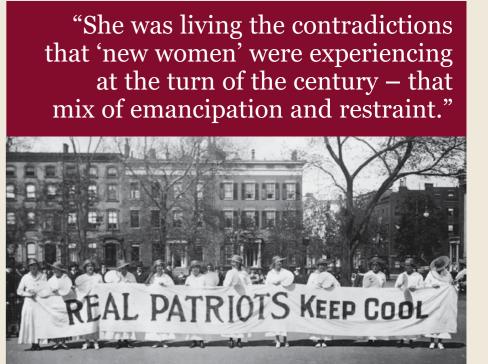
"We assume that it was a progressive liberal family for her to have the access to the education that she had," says Dr Mackay. "So I guess she was living the contradictions that what they called the 'new women' were experiencing at the turn of the century, the contradictions that actually a lot of women still experience that mix of emancipation and constraint."

Macmillan was a tenacious peace activist. In 1914, at the start of the First World War, she traversed the U-boat-patrolled North Sea to deliver food to homeless Belgian refugees. She spoke for the UK at the International Congress of Women at the Hague in 1915 and was chosen as a member of the international committee who were to travel to neutral nations to champion peace.

Ms Kay believes Macmillan's pacifism may have damaged her stature: "There was a war fever. People who were advocating peace and mediation – as Chrystal and her colleagues were - would not have been popular. The suffrage movement itself split on the issue.'

But Macmillan continued to burnish her credentials as a feminist. In 1924 she became one of the first women called to the English bar. She led diverse and typically enlightened campaigns, including the fight for women to retain their nationality after marriage - a right that would not be recognised by the United Nations until 1957, two decades after her death.

Macmillan was known for being scrupulous and single-minded, but Ms Kay also points to her sense of humour. Fellow suffragist Cicely Hamilton said she



was "a very just human being... She could not budge an inch on matters of principle but she never lost her temper and never bore a grudge in defeat."

Dr Mackay believes the decline in our knowledge of Macmillan is part of a longer trend of women being written out of history. "What's so surprising is that we tend to think of transnational feminism and international organisations as quite a new phenomenon," she explains. "What we're seeing is this really very strong international network of women who were not afraid to challenge convention, who were involved in some of the most gripping issues of the time."

Dr Mackay feels that Macmillan's achievements resonate with women's continuing fight for equality worldwide and with the University's internationalist ethic today. "In Induction Week I tell students about Chrystal," she says. "I say the kind of values she embodies around challenging convention, internationalism, women's rights, social justice, and the

of Lords and her efforts have

idea of a global citizenship, are ones we see as ideal for social scientists at the University.'

With the School of Social and Political Science now housed in the Chrystal Macmillan Building, the announcement of a new Chrystal Macmillan PhD scholarship, starting in 2012-13, an annual lecture launched in November 2011, and plans for a permanent exhibition (from February 2012) of her work, the process of retelling the story of Edinburgh's forgotten feminist has begun.

"The School is determined that her rightful place will be restored," says Dr Mackay. "Like a lot of remarkable Scottish women, she has been obscured. We intend for her to be rediscovered.'



Alumni Profiles

Emilie Venables MSc African Studies 2005, PhD African Studies 2009



Dr Emilie Venables is a senior researcher at the Wits Reproductive Health and HIV Institute (WRHI) at Johannesburg's University of the Witwatersrand. She currently works on HIV prevention projects focusing on vaccines, young people and migration.

"My studies at Edinburgh were inspired by my travels and gap year in West Africa, as well as my previous studies in social anthropology. I'd heard a lot of positive things about studying in Edinburgh and was attracted to the Centre of African Studies (CAS) because of the expertise and experience of its staff and students.

"I saw Edinburgh out of the train window and thought it was a beautiful city - the journey up the coast from my home town of Leeds is still one of my favourites. I remember thinking that there were a lot of hills, and walking over the bridge in winter to get to a 9am stats class isn't something I look back upon with fond memories... My bike made a couple of outings before being relegated to the bottom of the stairwell!

"I liked living in Marchmont because I was close to my friends and colleagues, and I was able to walk to the local pub for a 'quick' drink. My favourite pub was the Pear Tree – going for gin and tonics after the Wednesday CAS seminar was a weekly ritual, which often ended in the early hours of the morning. Curry at the Mosque Kitchen was also a staple for CAS students.

"I loved living at the top of an old tenement, even though it occasionally swayed in the wind. Nights out were spontaneous and Edinburgh had a very cosmopolitan vibe. Summer is lovely as everyone is outside, and sitting in the Meadows was a nice way to break up PhD writing.

"My supervisors and other departmental staff gave me great support throughout my studies – there were many opportunities to talk to people from other departments whose interests overlapped with my own.

"My PhD in African Studies gave me a background in qualitative and quantitative research methodologies as well as firsthand fieldwork experience in sub-Saharan Africa, all of which have been greatly

"MY DAYS ARE UNPREDICTABLE: I MAY FIND MYSELF PRESENTING ON A LOCAL COMMUNITY RADIO STATION, TRANSLATING A MEDICAL CONSULTATION INTO FRENCH OR ENGAGING IN A PARTICIPATORY PHOTOGRAPHY PROJECT."

beneficial to my current work. I moved to South Africa in early 2009 to work for the Wits Reproductive Health and HIV Institute (WRHI) at the University of the Witwatersrand in Johannesburg.

"I'm working on several HIV prevention projects, centering on vaccines, young people and migration. One particular project is looking at introducing the human papillomavirus vaccine to young girls in South Africa, which links to my work on HIV vaccine acceptability.

"My role involves research design, project management, data collection and analysis as well as teaching, training and research dissemination. I have presented at several international conferences since beginning my work at WRHI. I also get the chance to teach and supervise postgraduate students.

"I enjoy the diversity of my work and the different people I get to collaborate with. I like the fact that my days are unpredictable: I may find myself presenting on a local community radio station, interviewing someone in their home, translating a medical consultation into French, reading interview transcripts or engaging in a participatory photography project. Working in the infamous Johannesburg suburb of Hillbrow has opened my eyes to the realities of life in urban Africa."

We are happy to forward correspondence to graduates for whom we hold current address details. Email us at alumni@ed.ac.uk.

Richard Smith BSc Pathology, 1973 and MBChB, 1976

Dr Richard Smith is Director of the **UnitedHealth Chronic Disease** Initiative, which funds centres researching how to counter noncommunicable diseases in the developing world. He is a former editor of the British Medical Journal.

"I loved being a student at Edinburgh and have many fond memories, some of them bizarre and some of them impossible to report. This was, of course, a very formative time - as I moved from 18 to 25.

"I arrived in Edinburgh to start medical school never having set foot in Scotland, and I left seven years later full of love for the city and the country and with a wife and many friends who remain my best friends to this day. As I think back, my eyes fill with tears, showing how important Edinburgh was, and still is, to me.

"I much enjoyed the honours degree that I did in pathology. I worked with Colin Bird, who had just returned from Chicago where he worked with the Nobel Prizewinner Charles Huggins. I also worked with Alastair Currie and Andrew Wyllie, who were the discoverers of apoptosis (controlled cell death), which has proved to be enormously important in science.

"I also learnt a great deal from John Munro, the chief physician at the Eastern General Hospital. He helped me learn to talk to the dying, and I still remember him saying to one student that if he could stop him from smoking he would achieve more with that one action than with a whole week of medicine.

"While a student in Edinburgh I did the 'hippy trail' to India and an elective in Zambia, both of which were important to me in introducing me to low-income

"Many of my fondest memories of Edinburgh are outside medicine. I was



"I WAS ONE OF THE FOUNDERS OF AN **EXPERIMENTAL ARTS** SOCIETY. WE WRAPPED UP A STRING QUARTET, PERFORMED A PLAY IN RUSSIAN WHEN NONE OF US SPOKE RUSSIAN, MADE A PINK PORRIDGE LADY AND CREATED A HUMAN AQUARIUM."

President of the University Poetry Society and in that role met many great Scottish poets, including Hugh MacDiarmid, Norman MacCaig and Sorley MacLean. Many friends that I made at university are now prominent Scottish poets, including Liz Lochhead and Brian McCabe.

"I was also one of the founders of an experimental arts society. We wrapped up a string quartet, performed a play in Russian when none of us spoke Russian, made a pink porridge lady

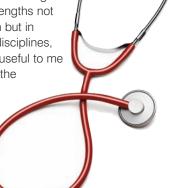
and created a human aquarium. Edinburgh was always encouraging of this experimentation, although not everybody saw all the jokes!

"I was very political when I arrived in Edinburgh and was elected on to the Student Representative Council and the Medical Students' Committee. I became the medical school student representative on the Senate SRC Liaison Committee.

"I edited the University poetry magazine, BUMp, and Synapse, the medical school magazine. I was editor of Synapse when Gordon Brown was the editor of *The* Student, and I got to know him a little and have bumped into him since. These experiences of editing were very important for my subsequent career as an editor. Also important to me were the many prominent people I heard lecture in Edinburgh, including Cicely Saunders, the founder of the hospice movement.

"My main interest is to contribute to countering non-communicable diseases (cardiovascular disease, diabetes, chronic obstructive pulmonary disease and common cancers) globally. As Margaret Chan, Director-General of the World Health Organization, has said, this requires a 'whole of society and whole of government approach'.

"An institution like the University of Edinburgh has great strengths not only in health but in many other disciplines. and it's very useful to me to be part of the network."



Alumni Network

Have you ever wondered what your former classmates are up to? Here's a snapshot of who's doing what, where and why... Visit www.ed.ac.uk/alumni to keep up with the latest alumni news and stay informed about events happening in your area.

History repeats for Ronnie, six decades on



Ronnie Cramond recently celebrated graduating from Edinburgh for a second time – 62 years after he was awarded his first

degree from the

University. Now aged 84, Mr Cramond studied at Edinburgh as a young man, gaining an MA in History in 1949. Six decades later he resumed his studies and graduated with an MPhil in Scottish History in 2011. Mr Cramond, whose MPhil dissertation was about the motivation behind the creation of the Museum of Scotland, remembers university in the 1940s as being about "playing rugby, the weekly hop in the Union Palais [now the Teviot Union] and working very hard". He is currently undertaking personal research into the Battle of Culloden.



OUT AND ABOUT

FVFNTS

UK alumni tour

The Development and Alumni Office recently began its inaugural tour of the UK. With more than 100,000 alumni living and working in Britain, the team hopes to meet with as many alumni as possible over the coming months. Successful networking events have been held in Aberdeen, London, Cambridge, Newcastle and Manchester, with upcoming events planned for Bristol, Belfast, Glasgow and Edinburgh. For details, email alumni@ed.ac.uk.

CAREERS

Careers in the spotlight

Careers networking events for alumni were recently held across the world in Toronto, London and India, Heather White, business coach and networking facilitator, simplified the art of networking at an event hosted by the University of Edinburgh London Alumni Network: Edinburgh University Club of Toronto past president and Career Connections coordinator. Josh Gillespie, gave an address at Toronto's inaugural Edinburgh Career Connections Networking Event; and an employability workshop and reception was staged at a joint Scottish universities event in India.

Keen in touch

Do we have your current contact details? If not, you might be missing out on event invitations and our bi-monthly e-newsletter, which keeps you updated on the latest alumni benefits, club activities and news. If your details need to be updated, please visit the Alumni Portal (www.myed.ed.ac.uk) or email us at alumni@ed.ac.uk

DATE FOR YOUR DIARY

29 May, 2012 Film show Playfair Library

Alumni and friends are invited to the University's Graduates' Association/Panamint Cinemas' film show in the Playfair Library on 29 May, 2012.

Films to be screened include *Northern Capital* (1937), which showcases Edinburgh sights, *Lothian Landscape*, focusing on East Lothian, and the 1948 classic *Waverley Steps*. For more information, send an email to **gradassoc.admin@ed.ac.uk**.

NETWORKING

Strengthening ties

With such a vast number of alumni living outside the UK, the Development and Alumni Office is keen to hear from University of Edinburgh graduates who have an interest in becoming a volunteer alumni contact for their region. Alumni contacts help build a strong alumni community, enhance the university experience for current students and assist in the recruitment of potential scholars. For further information and an application form, email alumni@ed.ac.uk.

For details of alumni clubs, reunions and events in your area, visit www.ed.ac.uk/alumni.

RISING STAR

Anna Davidson

MA (Hons) Sociology & Politics, 2007

With a Fulbright Scholarship to undertake a Masters in Environmental Studies at the State University of New York, Anna Davidson is making her mark as an advocate for sustainable solutions.

"I knew I wanted to figure out why and how societies change and combining sociology, politics and economics seemed to be the best way to start looking for answers. Edinburgh offered the flexibility of taking multiple subjects at a world-class university, in an exciting city.

"I was incredibly fortunate to have lecturers at Edinburgh who were supportive — even guiding me through publishing one of my papers in a peer-reviewed journal. My involvement with the Edinburgh University

Students' Association was an incredible experience that taught me most of what I know about politics.

"My experience of advocating for sustainable solutions at the UN Commission on Sustainable Development in New York earlier this year was both deeply inspiring and disheartening. The energy and talent within the youth major group was inspiring. However, the will and vision held by so many was thwarted by a system dominated by short-sighted national interest.

"My masters is giving me the chance to publish some of my work and get involved in things like the UN Commission on Sustainable Development. I hope it will lay the groundwork for a PhD, and work in an environmental NGO in the near future."



STEP BACK IN TIME



Spotlight on the '60s

Edinburgh students at the Bedlam Theatre on Bristo Place unearthed a trove of University memorabilia during their recent renovation of the building's kitchen. The brochures, letters, postcards and photographs date from 1961 to 1964, when the Bedlam was the University's chaplaincy. Among the finds is a photograph of the old chapel (left), which is now used as a dressing room. "We've had several alumni turn up and say they were married in the building but we have never been able to figure out where exactly that was until now," says Camille Acosta, Bedlam's 2011 Festival Fringe publicity manager. "It's great to be able to share our discovery with those who used Bedlam before us."

An engaging read

In the last edition of *Edit* we ran a photograph of *Peter Pan* author JM Barrie with former British Prime Minister, Ramsay MacDonald, both Edinburgh alumni. Mr MacDonald's granddaughter Victoria Bagshaw (BSc 1965 & PhD 1969), writes in with this interesting insight into the long-time friendship between the two men: "My parents, Joan M MacDonald [pictured in a news clipping, right] and Alastair Ulleam MacKinnon, met at the University as medical students. When they became engaged in 1930, JM Barrie, a family friend, wrote to Ishbel, my mother's older sister, and I still have the letter. He wrote: *I feel that your sister Joan has taken a good deal on herself in going and getting engaged while still a mere undergraduate.*"

Master & Apprentice

Every graduate can name a mentor who gave them advice and encouragement. But have you ever wondered if you inspired your teachers in return? Here, we talk to one of your role models about their experiences.



THE MASTER

Dr Ewan MacLeod

School: Biomedical Sciences Title: Programme Director, MSc International Animal Health

Are you an Edinburgh alumnus?

Yes. I have a PhD (2005) relating to tsetse fly/trypanosome interactions. I studied at the Centre for Tropical Veterinary Medicine (CTVM), Royal (Dick) School of Veterinary Studies.

In what capacity have you worked at the University?

I started in 2006 as a tutor on the International Animal Health MSc programme, becoming the educational coordinator in 2008, and in 2010 I took over as Director.

What is the most satisfying part of your job?

We have a diverse range of students from across the world. It's nice to see how they all cooperate even though some have very different backgrounds.

... and the most challenging?

My role is to ease students' transition into postgraduate education, as many are returning to study years after completing their undergraduate degree. The programme team works hard to respond quickly to any concerns.

What has changed since your student days?

The web has made a huge impact. With university e-journals students can now access material at any time as long as they have an internet connection. This makes studying an

online programme an extremely effective method of learning.

Is it satisfying to see graduates start or return to their careers with fresh approaches learnt at Edinburgh?

Many students have used the programme as a stepping stone to a PhD. Several of those who did residential masters at the CTVM are heads of their countries' veterinary services. We hope some of our graduates can follow in their footsteps in the years to come.

Can you outline some unique teaching tools that make distance learning at Edinburgh first-class?

Lectures are released on a weekly basis and the student can download the

content at any time, meaning they can study when it suits them. They can also interact on the online discussion boards, discussing the lecture notes or

Can you describe your experience of collaborating with Elena Garde?

Elena was a very diligent student. Her dissertation work looked at a canine distemper outbreak in the tsunamiaffected town of Dichato in Chile. She hopes to continue her collaboration with the University of Edinburgh and we look forward to working with her.

THE APPRENTICE

Dr Elena Garde

Elena undertook an online MSc in International Animal Health (2011) under the tutelage of Ewan MacLeod. She is Programme Leader for Veterinarians Without Borders/ Vétérinaires Sans Frontières-Canada in Latin America.



Ewan was incredible. His support has been above and beyond the call of duty, and nothing ever seemed too daunting. I sometimes imagined him receiving the same questions about problems with the website or a PDF that wouldn't open or a programme that wouldn't download... but he never relayed impatience in his emails, and this made it easy for us to communicate openly. His professionalism, but at the same time informal friendliness, made it really easy to work with him."

My Edinburgh

Send your photographs of your student

Coming to Edinburgh means a lot of memories are enhanced by the stunning location, breathtaking weather and all-round cosmopolitan experience. We invite you to share what made your student days so memorable.



Dr Judith Diehl PhD (Divinity), 2007

Where do you live now and why?

I live in Denver, Colorado. I'm an instructor in a seminary in the city. We prepare students for pastoral positions in local churches, and for mission work, chaplaincy and Christian counselling.

When did you live in Edinburgh?

My husband and I lived in Cramond from 2004 to 2007.



What do you miss about the city?

I miss Ryan's Bar on rainy evenings. I miss the fact that nearly every month of the year some flower was blooming. From the snowdrops in January to the late-blooming roses, the city was alive with colour. I miss our Kirk and I really miss the aroma and the taste of the bacon rolls after the morning prayer service. The only thing sweeter than the orange marmalade was the friends

What was in your 'little black book' when you lived in Edinburgh?

I loved breakfast in Stockbridge on Saturday mornings and then a tour of all the charity shops, usually finding a little piece of Scotland to cherish.

What was your first impression of Edinburgh when you arrived?

The cherry trees were in full bloom the first time I visited New College. As I stood at a street corner waiting for a bus, it began to pour. I thought I would drown as the bus came to a splashing halt. There were rivers of pink blossoms rushing down the street.

What is your fondest memory of your time at the University?

On Friday mornings, the biblical studies students gathered in the old Senate Room at New College for lectures and discussion. I remember the archaic door with an iron knocker, the ancient threadbare rug and the stiff chairs, crowded around the tables. It smelled like history and books and knowledge. I could feel the years of theology that had 'happened' within the darkened walls of that room. It proved to be a rich time of thinking and learning and discussing with peers, and with those much more seasoned in the field than we students.



Which book influenced your life most when you were there?

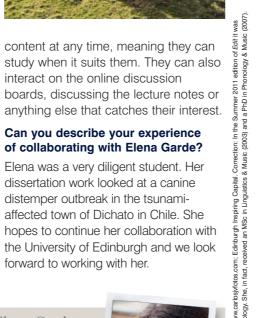
We read books by Anthony Thiselton and Kevin Vanhoozer, which proved to be essential background for my present teaching assignment.

What is your favourite view of the city?

From the terrace of the dining room of the New Club in Princes Street. We could look straight across the street to the castle, yet we were high enough to see a great distance east and west as well.

What would you recommend as 'unmissable' to a tourist?

The museums, gardens and restaurants are musts, but I loved travelling outside Edinburgh as well. One of my favourite memories is of looking out of a bus window as we drove alongside a golf course. The day was cold, wet and grim, but a number of golfers were on the greens, wearing coats and hats and gloves to keep warm. Now that is dedication, and that is truly Scotland!



Send your photographs of your student

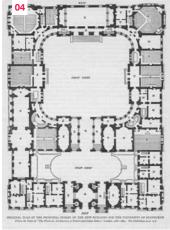
Then & Now Old College quad

The University's iconic Old College quadrangle reopened in 2011 after being resurfaced, completing the original architectural vision for the site more than 220 years after building there began. During the work, equipment used by Joseph Black, Edinburgh's Professor of Chemistry from 1766, was unearthed. Over the years the quad has served various purposes and it will continue to be a versatile events venue and public meeting space.



















01 Old College quad, circa 1950. 02 Students at Old College during the First World War. 03 Joseph Black, key Enlightenment figure and Professor of Chemistry at Edinburgh. 04 Robert Adam's original vision for the quad. 05 Lord Darnley, right, who died at the site in 1567, with his brother Lord Charles Stuart. 06 Human skeletons and remnants of the University's first library, dating from 1617, have been unearthed in previous excavations. 07 Old College in the mid-20th century. 08 A watercolour of the site by Donald McInnes. 09 An inscription at Old College reflects its 400-year-old association with the University.

















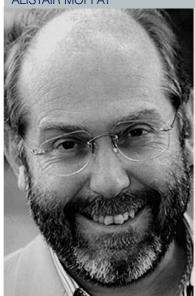
10 The University's Hot Air Balloon Club launch from the quad. 11 Significant discoveries, including the remains of laboratory equipment dating to the 18th century, were made during the recent excavation work. 12 Preparing the site for the ceremony to install the University's new Chancellor, HRH The Princess Royal, in September 2011. 13 Units on parade at 2011's Remembrance Day Service. 14 The guad is a popular performance venue. 15 Formalities get underway at the Chancellor's installation. 16 The quad in 2011, following its makeover. 17 The Chancellor unveils a plaque marking the completion of the landscaping work.

Arts Review

Whether for work or play, the arts have always featured prominently in our alumni activities. Here, we showcase just some of your artistic endeavours and feature a few favourite cultural escapes.

60 SECONDS IN THE SPOTLIGHT

ALISTAIR MOFFAT



Born: Kelso, the Scottish Borders, 1950 Educated: Kelso High School, the University of Edinburgh, the University of St Andrews and the Warburg Institute at the University of London

Current home: Near Selkirk, the Scottish Borders Current iob: Writer and director of the Lennoxlove and Borders book festivals

Favourite book: A Time of Gifts by Patrick Leigh Fermor Favourite song or piece of music:

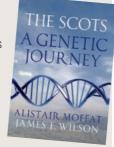
"An Ubhal as Airde" by Runrig

The place that most inspires you:

My farm and the hills around it Greatest influence: Lindsay Moffat, my wife

Writer Alistair Moffat graduated from the University of Edinburgh with a DipEd in 1973. He is a former Director of the Edinburgh Festival Fringe and was an award-winning producer and Director of Programmes

for Scottish Television. He has written many history books about Scotland and other places. His most recent title is the bestselling *The Scots: A* Genetic Journey (Birlinn, £16.99) – a collaboration with Edinburgh geneticist Dr James (Jim) Wilson.



"Edinburgh is the most beautiful city in the world, and I realised [while studying at the University] that the best arts festival in the world takes place there. The Student newspaper was very vibrant and I liked the sense of a campus around George Square."

THE HIT LIST

To watch...

This black comedy earned director and Edinburgh College of Art alumna and drama tutor Morag McKinnon a Scottish BAFTA for Best Feature. The follow-up to the highly acclaimed Red Road, it centres around Alfie (James Cosmo), a Glaswegian street-market seller, and his disjointed family.

- Donkeys (15, Morag McKinnon, Advance Party Films)



To read...

Dr Stephen Cullen (MA Hons Politics/Economic History, 1984) reassesses the contribution made by the Home Guard to the British war effort. Drawing on eyewitness testimony, he aims to dispel some myths about the men and women who made up this national defence force. - In Search of the Real Dad's Army by Dr Stephen Cullen (Pen & Sword Books Ltd. £19.99)



To listen to...

A selection of unusual musical instruments held at the University is featured in MIMO, a new digital exhibition drawn from the collections of nine of Furone's major instrument museums. Visitors can sample sounds made by instruments including exotic tubas and euphoniums. - Visit http://exhibitions.europeana. eu/exhibits/show/musicalinstruments-en



A stitch in time

Alexander McCall Smith, Edinburgh alumnus and author, has helped to conceive the Great Tapestry of Scotland, which is made up of 107 "moments" from the nation's history. Due for completion in 2013, its panels will feature an eclectic range of Scottish people and events, including singer Lulu, the Battle of Mons Graupius in 83AD, and the reconvening of the Scottish Parliament in 1999.



'Silence' by John Henry Fuseli Hargreaves), MA Archaeology, 2001 Western Australia

"You're humbled by the scale of the place and the harshness of the climate."

'Montagne Sainte-Victoire' by Paul Cézanne (1890-1895), at the Scottish National Gallery, Edinburgh "The colours are just spectacular! Reminds me of being in Provence." Dr Nathalie Mather-L'Huillier, PhD Medical & Radiological Sciences, 2007

15 (Landform' (landscape work) by Charles Jencks (2001), at the Scottish National Gallery of Modern Art, Edinburgh "It's both visual and tactile and pulls you into it to explore and experience it from multiple angles. Stone circles have the same effect on me." Patricia Barclay, LLB, 1983. PG Dip (Legal Practice), 1984

WHAT'S ON AT TALBOT RICE

Throughout 2012 Talbot Rice Gallery presents an exciting range of exhibitions and events. For further details, visit www.trg.ed.ac.uk.

Beholder

If you would like to contribute to Arts Review, email your suggestions to editor.edit@ed.ac.uk.

Until 18 February, 2012 Is beauty in the eye of the beholder? **Talbot Rice Gallery puts David Hume's** statement to the test.

To coincide with the University's Hume Tercentenary, Talbot Rice Gallery has invited institutions and artists across Scotland to nominate artworks and objects they consider to be beautiful. Including conceptual works, film, sculpture and paintings, 'Beholder' is an eclectic and wide-ranging exhibition. The statements of selectors reveal the very different kinds of relationships people have to the concept, from critical interpretations to clear-cut celebrations.



Pair of embroidered panels c.1904 by Margaret Macdonald Mackintosh. Courtesy of the Archives and Collections Centre. Glasgow School of Art

Coming up at Talbot Rice Alison Turnbull and James Cumming both 10 March - 5 May 2012

Visit www.trg.ed.ac.uk for details.

(St. Martin's Press, £7.99).

Acclaimed

book prize

critic shares

Theatre critic Hilary Spurling and debut

novelist Tajani Soli have joined the list of

acclaimed authors who have won the

James Tait Black Prizes, Britain's oldest

Hilary Spurling (pictured), former literary

editor of The Spectator, claimed the

biography prize for her book Burying

the Bones: Pearl Buck in China (Profile

Books, £8.99) while American author

Tatjani Soli is the recipient of the fiction

prize for her first novel, The Lotus Eaters

THE FAB FIVE We all interpret and appreciate art in our own way. Here, five alumni pick out the pieces that most inspire them.

Festival. For more details, visit

literary awards.



'An Experiment on a Bird in the Air Pump' by Joseph Wright (1768), at the National Gallery, London "It has a great use of light and was very

topical for its time." Paul Billington, **BSc Artificial Intelligence & Computer** Science, 1992

(1799-1801), at the Kunsthaus, Zurich "The stillness of this painting always stayed with me. When you look at it in more detail you realise that the proportions of the limbs are all wrong." Elizabeth Gardner (nee

'Inside Australia' (sculpture installation) by Antony Gormley, at Lake Ballard,

They join the ranks of respected former

winners such as Ian McEwan and

The prizes, founded in 1919, are

awarded annually by the School of

Literatures, Languages and Cultures at

the University of Edinburgh and are the

only major British book awards judged

by scholars and students of literature.

The winners were announced at the

2011 Edinburgh International Book

www.ed.ac.uk/about/people/tait-black.

AS Byatt.

Neal Culpan, BSc Geology, 1991

Food for Thought

Most of us have honed our cooking skills somewhat since we were students but in case you're in need of a little inspiration, here are some culinary insights from a fellow graduate who hails from Akranes, Iceland.



Björn Ingi Finsen (MA Hons English Language & Literature, 1967) has fond memories of sampling typical

Scottish fare as a fresher. Here, he shares a traditional Christmas recipe from his homeland.

"While at Edinburgh, I remember enjoying things like Scotch broth, black pudding, mashed turnips, brown eggs and lamb chops with green mint sauce, and haggis once a year. All this was a new experience for a lad from 'up here' and wintry Auld Reekie was a much colder place than the 'coldest-sounding country in the world'!

"But I won't go into the strange-tasting coffees in the common room in the Old College quad or in the cafeteria in the basement of David Hume Tower...

"I have now acquired different tastes, in particular, thanks to the undertakings of my beloved spouse of 45 years, Rúna [pictured, below right].

"Iceland is a very inhabitable country (despite the name!), and potatoes, carrots, swedes, cabbages, radishes, lettuce and strawberries grow out in the open in summer, and tomatoes, cucumbers, bananas and peppers are grown in heated greenhouses. Some of these crops may not last for the year, in which case we resort to imports. We import some grains, mostly from other parts of Europe.

"We have many kinds of ordinary meat and fish. *Stockfish* [dried, unsalted fish] is an ideal party snack and lends itself to sociable, albeit at times excited, comments by the untutored! Also, initially foul-smelling and fermented *skate* [a cartilaginous fish] is traditionally eaten just before Christmas."



Reader Recipe Icelandic Christmas feast

Serves 4–5

Starter: Asparagus soup Main course: Ptarmigan breasts

Dessert: Home-made chocolate ice-cream and/or pineapple trifle

4 small game birds (Björn hangs whole rock ptarmigans for 3-4 days then skins, guts and cleans them) • 750ml-1L milk (whole or skimmed) • Butter • 10-15 dried juniper berries • Salt, pepper and desired seasoning • 1 cup sugar • 500g-600g medium potatoes, boiled and cooled • Flour 1-2 tsp redcurrant jelly • Whipped cream • Canned peaches • Stone-free prunes (pre-soaked)

Step 1: Soak birds in milk overnight. Melt some butter in a very large pot and brown meat on all sides. Pour in milky liquid, adding a little water, if necessary, to cover meat. Add berries, then season and boil for 70–90 minutes. Carefully remove birds (strain and reserve stock) and divide down keel bone into two pieces, then cover and keep warm.

Step 2: Meanwhile, sprinkle sugar evenly over the base of a heavy pan and heat, stirring, over a low heat until dissolved. Add 2 tablespoons butter, stir, then increase heat to medium, add potatoes and heat, stirring, until a sticky glaze forms. Add a little water, if necessary. Keep warm.

Step 3: Make gravy with reserved cooking liquid, some butter, flour and seasoning, then mix with redcurrant jelly and top with cream.

Step 4: Arrange meat on a platter, then top with peaches and prunes, and serve with

potatoes, a Waldorf salad, pickled red cabbage and warmed sweetcorn and peas.

Chef's note: "In my family we stick to rock ptarmigan, a wild bird, similar in size to a grouse, for our Christmas dinner. But some Icelandic families enjoy a smoked leg of lamb or smoked pork, turkey or other fowl. Verði ykkur að góðu (Bon appétit)!"

If you would like to feature in Food for Thought, email us at editor.edit@ed.ac.uk.



The Two of Us

Many a friendship is forged during our university days, and we want to hear how you met your partner or best pal. For Gerard and Brenda Slavin, a meeting in the Meadows led to a lifetime together.

Gerard (Gerry) Slavin MBChB, 1957

"Brenda and I met in 1954 when she

joined the third-year medical course. Though English, she came from the University of the Witwatersrand, in Johannesburg, to finish her clinical studies in Edinburgh. I saw her returning from lunch near the Meadows and by running hard bumped into her 'by accident' as she came by the tennis courts and asked her to the year ball.

"Her surprise was compounded when, the next day, she accompanied a friend into the Royal Infirmary where I had been admitted with a broken jaw after boxing against Glasgow University. I was in bandages for some time so she didn't really know what I looked like until too late! I discovered she loved me when she used her overtime money as a Butlin's waitress to buy her first climbing boots to join me in the Edinburgh University Mountaineering Club.

"Then came training for me in pathology. I was seconded (for my National Service) to Dar es Salaam, in Tanzania, to start the pathology teaching in the new medical school.

"I was then given the chance to be the first histopathologist at Northwick Park Hospital and Clinical Research Centre. We've had a rewarding life, and the best thing we ever did was to help start the first medical school for Palestinians at Al-Quds University on the West Bank."

Brenda Slavin (nee Stewart) MBChB, 1957

"Gerry was full of surprises: I was surprised when he 'accidentally' bumped into me on the Meadows and although out of breath, invited me out.

"After house jobs we went to Bechuanaland [now Botswana], Africa. A pertinent question in Parliament about paediatric malnutrition brought funds and a research post for me. By the end of the tour, I was fully employed as a bush

doctor, coping with most things, while having a toddler by my knee and number two on the way.

"In Dar es Salaam I was able to work from seven in the morning until lunchtime, either in the lab or teaching students, and spend all afternoon on coral sands with the kids – idyllic!

> "London was good for me. I was able to train in chemical pathology at the Hammersmith and eventually finished up at St Thomas' while Gerry went

on to Barts. Our careers intermeshed and we served together on the Council of the Royal College of Pathologists – the first married couple to do so.

"We have a geological hobby that has taken us to many exotic places. Whenever we return to Edinburgh, we pay reverential visits to James Hutton's Section on Salisbury Crags and to his memorial garden at the bottom of the Cowgate. Edinburgh is a place for us rich in memories and present pleasures."

I was in bandages for some time so Brenda didn't really know what I looked like until too late!

Gerard and Brenda are both retired and live in Matlock, Derbyshire. They have three children – a surgeon, an anaesthetist and a psychogeriatrician – and 11 grandchildren. If you met your partner or a lifelong friend at the University of Edinburgh and would like to share your recollections, email us at editor.edit@ed.ac.uk.

Billet The General Council of the University of Edinburgh

Report By Dr Alan Brown, Convener of the Business Committee of the General Council

The General Council is the means by which graduates have a continuing voice in the management of the University's affairs, and every graduate automatically becomes a member. Academic staff and members of the University's supreme governing body, the University Court, are also members of the General Council, which meets twice a year and has the right to comment on matters affecting the University's prosperity and wellbeing. For more information on the work of the General Council, visit **www.general-council.ed.ac.uk**.



It has been a momentous six months since my last report, with sad farewells to His Royal Highness The Duke of Edinburgh and the Chancellor's Assessor, Lord Cameron; also a glorious welcome for our new Chancellor, Her Royal Highness The Princess Royal. Meanwhile the work of the Business Committee and its Standing Committees has continued.

Last May a dinner was held by the University and in November a reception was arranged for present and past members of the Business Committee, to thank Lord Cameron for his 13 years of dedicated service to the University and the General Council. His successor is Sheriff Principal Edward Bowen, CBE, TD, QC, who is well known in Scotland. He is a worthy successor to Lord Cameron and we look forward to working with him on the Business Committee.

In July there was a memorable celebration dinner in the Playfair Library for His Royal Highness The Duke of Edinburgh in the presence of a large University gathering.

To mark his long and distinguished service to

the University and the General Council, His Royal Highness graciously agreed to our Scholarship being renamed The Prince Philip General Council Scholarship, so that his name is linked in perpetuity to this award. In his speech Prince Philip expressed pleasure at the announcement and he hoped this would encourage General Council members to contribute generously to these prestigious and necessary scholarships.

Last June's highly successful Half-Yearly General Council Meeting was held at King's Buildings, which has undergone an enormous transformation since many of us older graduates studied there. We were inspired by presentations from Professor Simon Bates, College Dean of Learning and Teaching, and Professor Steve McLaughlin, Dean of Research. Their talks may be seen on our website, and if you watch them you will understand why the quality of their work and that of many others around the University has resulted in this University being among the top higher education establishments worldwide. The afterlunch speaker was the well known retired Edinburgh general practitioner and previous Member of the Scottish Parliament. Dr lan McKee. His well received address can also be viewed on our website.

The highlight of the year was in September when our recently elected Chancellor was installed in a unique ceremony in the magnificently refurbished Old College Quadrangle, with its large rectangular lawn and stone courtyard. The weather, thankfully, was perfect and the occasion started with an impressive and colourful Academic Procession. As the election process was the

responsibility of the General Council we were well represented and I had the honour on the Council's behalf of giving the vote of thanks to the Chancellor's installation address. I wished Her Royal Highness a long and enjoyable tenure but if she decided not to try to equal her father's 57 years in office we would understand! The ceremony was wonderfully captured on video and may be seen on the University's website.

The work of the Business Committee and its Standing Committees has been impressive. Ordinance 210, which simplifies the statutory basis for electing the Chancellor and Assessors to Court and makes it easier to introduce such changes as General Council online elections, has been approved by the Privy Council and now can be enacted. Higher education issues are to the fore and there was a Scottish Government Review of Higher Education Governance, Responses were requested and a Business Committee Working Group led by our Secretary, Dr Mike Mitchell, submitted a paper. This will be available on the Scottish Government's website. I am most grateful for the hard work done by all Business Committee members and our now well established Secretary and his assistant, Mrs Mary Scott

Finally, you still have time to vote for five candidates to join the Business Committee in the next academic session and I encourage you to do so online. You need to register with EASE to use the MyEd portal at www.myed.ed.ac.uk/. If you requested a postal vote by the closing date of 30 November, your ballot paper will be within this edition of *Edit*.

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General Council Half-Yearly Meeting on Saturday, 11 February 2012 10.30am: Room G175, School of Law, Old College

10am to 10.30am: Coffee, tea and biscuits in the Lorimer Room, School of Law, Old College **10.30am:** General Council Meeting in Room G175, School of Law, Old College*

After the meeting: Lunch in the Playfair Library Hall (see page 38 for details)

*Please note that the Meeting will be filmed.

AGENDA FOR THE GENERAL COUNCIL MEETING

- Minutes of the Meeting of the General Council held on 18 June 2011 (PAPER A)
- 2 Matters arising
- Report of the Business Committee
- 4 Motion (PAPER B)

"Constitutional Arrangements for the working of the General Council of the University of Edinburgh and its Business Committee" and "The General Council of the University of Edinburgh Regulations for General Council Elections"

- 5 Dates of future meetings of the General Council
- 6 Notice of forthcoming elections
- 7 Presentation by the Principal of the Annual Report of the University
- 8 Any other competent business
- 9 Adjournment

PAPER A

Minutes of the Meeting of the General Council held in Edinburgh on 18 June 2011

Present:

Dr Charles Swainson

Dr Kim Waldron

University Secretary and Registrar of the General Council

Professor Simon Bates

Dean of Learning and Teaching, College of Science & Engineering

Professor Steve McLaughlinDean of Research, College of Science & Engineering

Dr Michael Mitchell Secretary of the General Council

Secretary of the deficial count

Dr Alan BrownConvener of the Business Committee

Dr MaryCatherine Burgess

The Associate Chaplain to the University opened the meeting with prayer.

1. Minutes of the Meeting of the General Council held in Old College, Edinburgh, on 12 February 2011

The Minutes of the Meeting held on 12 February 2011 were approved.

2. Matters arising

There were no matters arising.

3. Report of the Business Committee

Dr Alan Brown, Convener of the Business Committee, gave the report of the Business Committee. Welcoming the attendees, both present and online, and the speakers he noted that it was the first time this meeting had been held at the King's Buildings. He thanked Dr MaryCatherine Burgess in particular for all her support, as regretfully this would be her last meeting before she retired from her post.

The unopposed election of the new Chancellor, HRH The Princess Royal, was warmly welcomed. In a letter to the General Council she looked forward to a long and fruitful relationship with the University. It had been decided to mark the outstanding service of the previous Chancellor, The Duke of Edinburgh, by creating the Prince Philip General Council Scholarship Fund, which would distribute bursaries to deserving students. Any General Council members wishing to donate to the University for such purposes were encouraged to contribute to this fund.

Billet

The simplified Ordinance 210 continued to make progress. The Constitutional Standing Committee had worked to update the Constitutional Arrangements and Regulations in line with the new Ordinance and other previously approved changes. The work to introduce online elections continued.

Although the Business Committee in general worked well there was always room for improvement. Accordingly a small working group had been set up, chaired by Dr Frances Dow, to conduct an Effectiveness Review of the Committee.

Dr Brown thanked the outgoing members of the Committee for their dedication and support. He invited members to consider standing in future elections.

The report of the Business Committee was approved.

The full text of the Convener's remarks, and the record of the discussion that followed the presentation, are contained in the Annex to the Billet.

4. Dates of future meetings of the General Council

The next Half-Yearly Meeting would take place on Saturday 11 February 2012 in Old College, the University of Edinburgh. Any motions for discussion at that meeting should be received in the General Council Office by 23 November 2011. The following Half-Yearly Meeting would take place on Saturday 16 June 2012. Any motions for discussion at this meeting should be received in the General Council Office by 28 March 2012.

5. Notice of forthcoming elections

There would be elections for five members of the Business Committee in February 2012. Nominations on forms available from the General Council Office should be received in the General Council Office by 23 November 2011.

6. Presentation by Professor Simon Bates, Dean of Learning and Teaching, College of Science & Engineering, and Professor Steve McLaughlin, Dean of Research, College of Science & Engineering

Report on presentation by Professor Steve McLaughlin

The presentation focused on the research at King's Buildings within the College of Science & Engineering, emphasising its crossdisciplinary, multidisciplinary and cross-College nature. Two areas highlighted were renewable energy and translational medicine technology. The College now had seven Schools; Biological Sciences, Chemistry, Engineering, GeoSciences, Informatics and Mathematics. Currently there were 2.000 staff, 5,000 undergraduates and 1,000 postgraduates, and in the previous year the College had won £114.5 million of competitive research awards. The College was ranked first in Scotland for research excellence and in the top five in the UK with about half of the top-rated (four-star) research in Scotland coming from Edinburgh.

Although it was within the Schools that specific disciplines were taught and much research was done, there were also centres, which brought together researchers from many areas. An example was the Centre for Systems Biology, which had involvement from Biology, Informatics and Physics. The various disciplines benefited from learning from each other and challenging preconceived ideas. These centres were much engaged with external companies.

Research in energy concentrated on marine renewables. The involvement went back to 1974 when Professor Steven Salter in Engineering was researching wave energy based on turning hydraulic power into electricity. This led to work in designing wave tanks, which created knowledge transfer opportunities worldwide. A major new wave tank facility at King's Buildings was being built to allow modelling of currents up to six metres per second and waves up to 28 metres. Devices, such as Pelamis. manufactured in Leith, were based on original research from Edinburgh's development of its wave tanks. There was also major research and development work going on into Carbon Capture Storage by GeoSciences, Engineering and Chemistry.

The other highlighted area was Translational Medicine Technology. In Engineering they

were looking at integrated diagnostics using an ingestible microchip, incorporating sensor, control and transmitter chips. Originally intended for gastrointestinal investigations, it was also being used in oncology. Hypoxia within tumours may affect drug treatments and being able to measure this at a microenvironment level may improve effectiveness.

New drug delivery devices were also possible using microchips, such as intraocular treatments for glaucoma with fluid being ejected by inductive electrical currents. In Chemistry there was work on investigating a wide range of new polymers using ink-jet technology to print on to substrate arrays, with wide-ranging applications.

Finally there was major research in synthetic biology. Essentially, this means constructing biological systems from component parts using computer science. This required an understanding of well characterised components, structures and properties. The analogy was bio bricks, an open source registry of standard biological parts and a heavy emphasis on control and signalling components. They had developed a biosensor to detect arsenic in ground water, which had won first prize in an MIT competition. There was a long and lively discussion on the research presentation.

Presentation on teaching and learning by Professor Simon Bates

This focused on the considerable developments in teaching and learning within Science & Engineering, but also emphasised how these were relevant to similar developments in other Colleges. Professor Bates described his career and how he had been a "regular" academic but developed a special interest in teaching and became Dean of Learning and Teaching. This career progression also illustrated how there was now genuine recognition and a career path based on teaching within the University. The College had a Strategy with an objective to be renowned for the quality and innovation of its teaching. The challenge was to educate undergraduates to be able to cope with future changes in technologies and society's needs. There were some guiding principles about

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students learning in a variety of ways, independently, collaboratively and with an authentic spirit of enquiry. Lectures were a very old method of conveying information and given today's information technologies were no longer an effective method when only used to transmit information; the lecture was now an opportunity to engage students actively, to challenge their understanding and to make sense of the information available. Peer discussion and active dialogue produced rapid improvements in conceptual understanding. This technique was both popular and effective. Workshops were related to small-group tutorials, which sometimes but not always worked effectively. Workshops complemented lectures with the advantages of small-group collaborative learning and problem solving. The University had the opportunity to adapt some spaces specifically for this purpose with small-group tables as well as group and room-level IT support equipment. Groups could work collaboratively with the support of tutors or they could have whole-class discussions and presentations thus facilitating teaching of presentation skills.

Self-study was also changing. Although huge amounts of information, including lectures, were available online it could be difficult to make sense of it and integrate it into existing knowledge. By using online software called "Peerwise", developed at the University of Auckland, students could create their own assessment questions. However this was done with a lot of social functionality. They not only created questions and answered those posted by others, but also rated them, followed individual authors and engaged in online discussions. In a first-year physics class of 200 more than 700 questions were generated, nearly all of high quality, many of them exceptional and requiring real understanding of concepts. Final-year students lacking this opportunity had not created a single question, only answers or solutions. There were now self-study and small-group study rooms, also equipped with IT support material. The provision of suitable physical and virtual space and facilities was a major challenge for the University but it was being addressed.

It was not an easy or simple task. It required high-quality students, which Edinburgh had, and also highly motivated and engaged staff able to balance their academic lives.

A full text of the Professors' remarks and the record of the discussion that followed the presentations, are contained in the Annex to the Billet.

7. Any other competent business

No matters were raised.

8. Adjournment

The Motion by the Convener of the Business Committee that, for the purpose of considering matters which may be transmitted to the General Council by the University Court or any other business of a competent nature, the Business Committee be empowered to act on behalf of the Council, and that this meeting be adjourned to a date to be fixed by the Business Committee, was approved.

Dr MaryCatherine Burgess, Associate Chaplain, closed the meeting with a benediction.

The Annex to the Billet contains supporting papers for the Agenda, including communications from the University Court, full Standing Committee reports, a transcript of the presentations, and the Business Committee's report to the meeting on 18 June 2011. General Council members may either collect the Annex from 30 minutes before the Council meeting or request it by post from: Mrs Mary Scott, General Council Office, Charles Stewart House, 9–16 Chambers Street, Edinburgh EH1 1HT. Tel. 0131 650 2152; email General.Council@ed.ac.uk.

PAPER B (MOTION)

Motion:

Preamble

The Business Committee on the advice of the Constitutional Standing Committee, having approved the two documents entitled "Constitutional Arrangements for the working

of the General Council of the University of Edinburgh and its Business Committee" and "The General Council of the University of Edinburgh Regulations for General Council Elections", which have been prepared by the Constitutional Standing Committee, proposes that the said two documents should be approved and adopted by the General Council of the University of Edinburgh. The objective is to encapsulate in these two documents (a) the legislation laying down the provisions of the Statutes. Regulations and Minuted Decisions of the General Council and Business Committee, and guidance relating to the procedures and functions of the Business Committee for the benefit of present and future Members of that Committee and (b) regulations relating to the election of the Chancellor, General Council Assessors and Members of the Business Committee. The changes have been made in accordance with Ordinance No. 210 and the Motion approved by the General Council at its meeting in Old College on 12 February 2011 relating to the introduction of online voting for General Council Elections and unifying of periods of office for General Council Assessors. Conveners and Vice-Conveners and members of the Business Committee.

The Business Committee proposes:

That the two documents entitled "Constitutional Arrangements for the working of the General Council of the University of Edinburgh and its Business Committee" and "The General Council of the University of Edinburgh Regulations for General Council Elections" be adopted and approved by the General Council of the University of Edinburgh.

Proposed by the Convener of the Business Committee

Seconded by the Vice-Convener of the Business Committee

The revised documents are available on the General Council website at www.general-council.ed.ac.uk/businesspapers.htm and may be requested from the General Council Office (general.council@ed.ac.uk). Copies will be available at the Half-Yearly Meeting on 11 February 2012.

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General Council Election

February 2012

Candidates for Members of the Business Committee

The following nominations have been received for the election of five members of the Business Committee to serve until 31 July 2016.

The names of the candidates appear in random order, as drawn by ballot. This is also the order in which they will appear on the voting screen and paper.



Mr Hamish Andrew Niven McKenzie MA 1967

Proposed by Mr Charles Michael Arber Lugton, MA (Hons) 1973 Seconded by Ms Jane Kille, MA (Hons) 1973

Formerly a professional chartered accountant in Edinburgh for many years, and with a degree in English Literature, I feel I could make a balanced and positive contribution to the work of the Business Committee. I have much charitable and local amenity experience including National Trust for Scotland and appeal panel.



Dr Robert Andrew Philip Burt MB ChB 1961

Proposed by Dr Edward Bruce Ritson, MB ChB 1961 Seconded by Dr Herbert John Gold, MB ChB 1961

Bringing 35 years International
Pharmaceutical Industry experience,
including 25 years in the USA, on new drug
development. Senior Director appointments
with business responsibilities, personnel and
budget management, dealing with regulatory
bodies, marketing and sales. Outstanding
verbal and written communication skills,
numerous medical, golfing, historical,
humorous publications UK and USA.



Mr Simon Maurice Lytton Fairclough MBA 2004

Proposed by Mr George Barrie Clark, LLB (Hons) 1974 Seconded by Mr Scot Allan Carlson, MBA 2010

With 25 years under my belt in organisational communication, I would hope to bring my experience of public affairs to the Business Committee. A Chartered Director, I am an enthusiastic advocate for cultivating good governance, and am passionate about education and the opportunities afforded to individuals and wider society.



Mr Gordon Douglas Cairns LLB (Hons) 1979

Proposed by Mr Alan McDougall Johnston, MBA 1989 Seconded by Dr Frances Diana Dow, MA (Hons) 1969

Having served previously I hope to provide added value to the committee, given my experience as a solicitor, tribunal judge, university tutor and examiner. Working to enhance the reputation of the University and the student experience through membership of the Business Committee would be an honour and a privilege.



Professor David Mackenzie Munro BSc 1973

Proposed by Dr Alan David Gillespie Brown, MB ChB 1963 Seconded by Mr Neil Robertson Hynd, BArch 1969

Twice a graduate and subsequently a
Research Fellow of the University, I have
served as Director of an educational charity
and on UK Government and UN advisory
bodies. I wish to contribute to the future
strength of the University, drawing on
experience in the fields of education, funding
and governance.



Professor Stuart Gowans MacphersonMB ChB Glasgow 1968, Emeritus
Professor, University of Edinburgh

Proposed by Ms Kirsty Joan MacGregor, MA 1981 Seconded by Dr Alan David Gillespie Brown, MB ChB 1963

I have extensive experience leading and participating in academic, educational, health service, government and regulatory bodies locally and at Scotland and UK national levels. As Emeritus Professor of Postgraduate Medical Education I now wish to use this background to help sustain and enhance the University's world class status.

Voting in the General Council Election

General Council members are reminded that the next election, in February 2012, will be conducted principally online. Voting will take place online through the Elections channel of the MyEd Alumni Portal, which will be open from Monday 9 January 2012 until 17.00 GMT Wednesday 8 February 2012. In order to vote you must register via the EASE registration process as explained below by 17:00 GMT on Tuesday 7 February 2012 at the latest.

Voting Papers are only enclosed where members have specifically requested them by 30 November 2011 and should be completed and returned in the enclosed addressed envelope to the Secretary of the General Council. Details of all candidates appear opposite. Anyone still wishing to vote by post may do so for subsequent elections by requesting a postal vote from the General Council Office before 30 November in the year prior to any election.

To register for online voting please go to www.myed.ed.ac.uk and complete the EASE registration process if you are a new MyEd Alumni Portal user. If you have already used the Portal as a student, you can use your student username and password to access the Alumni Portal. If you have a University User Name (UUN) or know your original matriculation number you should be able to register through EASE directly. If you have your matriculation number you can use this as your UUN by adding an "s" before the number and register online using this. If you do not know either of these you will need to contact the support service. To do this you will need to send an email to the Information Services Helpline at IS.Helpline@ ed.ac.uk requesting access to MyEd and giving your full name, date and degree awarded at first graduation from Edinburgh. A username and initial password will then be sent to you. If you experience problems at any point when registering for, or accessing the Alumni Portal, please also contact Information Services at the above email address. identifying yourself by matriculation number (if known), full name, year and degree awarded at first graduation from Edinburgh.

Officers

Secretary:	HRH The Princess Royal Michael J Mitchell, BSc, PhD Kim Waldron, AB, MPhil, PhD, University Secretary	co-opte ex-offici
General C	council Assessors on the University Court:	
A Margaret	Tait, BSc	2013
Alan M Johnston, MBA, CSci, CChem, FRSC, CBiol, FIBiol		201
Ann M Smyth, BSc, PhD, MPhil		201
Business	Committee:	
Convener:	2012	
Vice-Convener: Frances D Dow, MA, DPhil		2012
C	Convener of Constitutional Standing Committee:	
	Bruce R K Rae, LLB	2012
F	Convener of Finance and Services Standing Committee:	
	Doreen Davidson, BA, AIPD	2012
A	Convener of Academic Standing Committee:	
	lan Sutherland, BSc, PhD, DSc	2013
P	Convener of Public Affairs Standing Committee:	
	Neil R Hynd, LVO, BArch, FRIAS, FSA Scot	2013

Members:		
'A'	denotes a member of the Academic Standing Committee,	
'C'	a member of the Constitutional Standing Committee,	
'F'	a member of the Finance and Services Standing Committee, and	
P '	a member of the Public Affairs Standing Committee:	
	Chancellor's Assessor:	
	Sheriff Principal Edward F. Bowen, CBE, TD, QC	ex offici
A	R E Asher, BA, PhD, DLitt, FRSE	201
P	Michael C Conway, MA	201
F	Mary M Swarbrick, MA, PGC	201
C	William Ruthven Gemmell, LLB	201
A	William Shields Henderson, MA, CA	201
P	Jane E Kille, MA, MBA	201
F	Luise Locke, BA, MA	201
P	Elizabeth Morris, MB ChB, MRCGP	201
A	Bruce Ritson, MD, FRCPE, FRCPsych	201
C	Ann M Sutherland, MA, FBCartS	201
F	Charles P Swainson, MB ChB, FRCPE, FRCSE, FFPHM	201
C	Morven Brown, MA DipEd, DipEd Psych, AFBPsS	201
F	Waverley Cameron, BSc, SM	201
C	Michael Lugton, MA	201
A	Kirsty MacGregor, MA, MBA DipEd	201
P	Ritchie Walker, MA, BSc, DipEd	201
	Assistant to the Secretary: Mary T Scott, BA	

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The February 2012 General Council Lunch

Following the Half-Yearly Meeting, members of the General Council, other alumni, partners, family and friends are cordially invited to the General Council Lunch on Saturday 11 February 2012 in the Playfair Library Hall, Old College. Dame Stella Rimington will give the after-lunch address. Dame Stella retired from MI5 in 2000 and has since pursued a very successful career as an author. Her talk promises to be extremely interesting.



ame Stella Rimingto

If you would like to attend the next General Council Lunch, please complete and return the form below no later than Monday 30 January 2012.

Tickets at £20 include pre-lunch wine reception and a buffet lunch in the Playfair Library Hall. Table wines will be available for purchase at the meal.

The February 2012 General Council Lunch

Playfair Library Hall, Old College, on Saturday 11 February 2012, 12.30pm for 1pm.

Please send me tickets (£20 each) for the General Council Lunch.

A cheque for $\mathfrak L$ is enclosed, payable to the University of Edinburgh.

Name

Address

Postcode

Name(s) of guest(s)

Please return to: Mrs Mary Scott, Assistant to the Secretary of the General Council, University of Edinburgh, Charles Stewart House, 9–16 Chambers Street, Edinburgh EH1 1HT, Scotland, UK or, alternatively, you may order online at **www.general-council.ed.ac.uk/events.htm**. Closing date for applications: Monday 30 January 2012.

Half-Yearly Meeting in Berlin

Saturday 16 June 2012

Due to unforeseen circumstances the General Council has been obliged to change the venue of its June 2012 Half-Yearly Meeting. We are sure that members will look forward to attending the meeting, which will be held in Berlin, Germany. It will form part of an exciting weekend of events organised together with Development & Alumni. On the Friday there will be a half-day conference and a reception in the evening at a prestigious location. On Saturday morning the Half-Yearly Meeting will take place with a lunch and after-lunch speaker to follow. On Saturday evening there will be a gala dinner at a highly attractive venue. As usual these events will be popular, so to avoid disappointment please monitor the General Council website (www.general-council.ed.ac.uk/ **forthcoming events.htm**) regularly for information and the opportunity to purchase tickets. If you would like to be notified of the final programme please send an email or write to the General Council Office giving your name and contact details.



New Chancellor

HRH The Princess Royal was elected Chancellor of the University by the General Council with effect from 31 March 2011. She is the University's eighth Chancellor in the 150-year history of the position and succeeds HRH The Prince Philip, Duke of Edinburgh, who stepped down from the role in 2010, having held it since 1953. The Princess



Royal is also Patron of the
University's Royal (Dick) School of
Veterinary Studies. The installation
took place in the Old College
Quadrangle on Monday 26
September. The event was
witnessed by University staff and
students and followed by Her
Royal Highness officially opening
the newly refurbished quadrangle.

Her Royal Highness The Princess Royal

June 2011 General Council Meeting and Lunch

Darwin Building and Michael Swann Building, King's Buildings, Edinburgh

The June 2011 Half-Yearly Meeting of the General Council was held on Saturday 18 June 2011 in the Darwin Building, King's Buildings. Members received presentations from Professor Steve McLaughlin, College Dean for Research on the extensive research undertaken, and Professor Simon Bates, College Dean for Learning and Teaching on the innovative learning and teaching methods employed.

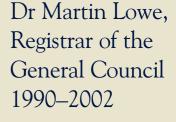
The lunch took place in the Upstairs Café in the Michael Swann Building, affording magnificent views over the campus and the city. Members and their guests were treated to an extremely interesting after-lunch address by Dr lan McKee about his life as an Edinburgh GP and more recently as an SNP MSP.

After lunch Professors McLaughlin and Bates hosted a tour of the impressive new learning and teaching facilities in the James Clerk Maxwell Building.



From left to right: Mr Drew Laven, Robe Master; Dr Alan Brown, Convener of the Business Committee; Dr Michael Mitchell, Secretary of the General Council; Dr MaryCatherine Burgess, Associate Chaplain; Dr Charles Swainson, Chairman; Professor Steve McLaughlin, College Dean of Research; Professor Simon Bates, College Dean for Learning and Teaching and Dr Kim Waldron, University Secretary.

Coverage of the Convener's Report of the Business Committee and the two presentations to the General Council are available in the Video Gallery on the General Council website at www.general-council.ed.ac.uk/video_gallery.htm.



General Council members everywhere will no doubt wish to extend their sincere condolences to the family of Dr Martin Lowe who sadly passed away recently. Dr Lowe was University Secretary and Registrar of the General Council from 1990 to 2002 and will be remembered by many for the support

he gave to the General Council during that time.

Dr Martin Lowe



July 2011 Celebration of the Chancellorship of HRH The Prince Philip

A Reception and Dinner was organised by the University in honour of HRH The Prince Philip's long and exceptional service as Chancellor. It was held in the Talbot Rice Gallery and the Playfair Library and was a most fitting celebration. Dr Alan Brown gave the vote of thanks.

Prince Philip General Council Scholarship Fund

The General Council is proud to announce that its scholarship fund has been relaunched as the Prince Philip General Council Scholarship Fund. His Royal Highness graciously accepted the proposal to create this scholarship as an appropriate way of expressing the General Council's appreciation of His Royal Highness The

Prince Philip's long and distinguished service as Chancellor of the University. The fund will provide bursaries for students who would otherwise be unable to afford to go to university and the goal is to build an endowment substantial enough to support these scholarships in perpetuity. A typical bursary provides £1,000 of support each year for qualifying and deserving students. The new Prince Philip General Council Scholarship Fund is in addition to the existing Edinburgh Fund Access Bursaries, and it is hoped that together they will give hundreds of students the chance to take up their deserved places at the University. If you would like to contribute you may do so online by using the following links at

www.general-council.ed.ac.uk/General CouncilScholarships.htm.



His Royal Highness The Prince Philip with, from left to right, Dr Alan Brown, Convener of the Business Committee, Mrs Elizabeth Balantyne Brown, Lord Cameron of Lochbroom and Lady Cameron

uglas Roberts



Much has changed since Dr Caldwell graduated from the University of Edinburgh in 1952, but the need to support our students is one thing which has remained a constant. Through her donations to the University's bursary scheme, Dr Caldwell is helping Sam to train to be a doctor. By pledging a legacy, she is ensuring that future generations of medical students will continue to benefit.

Help us to help the next generation of Edinburgh students





THE UNIVERSITY of EDINBURGH

Name	Please tick one of the following:
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