



University  
of Glasgow

Annual Review  
2008-09



- Ranked as one of the top 100 universities worldwide
- Awarded the largest teaching grant in Scotland
- 70% of all research assessed as world-leading or internationally excellent
- An exceptional 14.4% rise in undergraduate applications
- 87% of our international students would recommend the University to others





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# Review of the year

This last year, August 2008 to July 2009, has been one of great activity and achievement at the University.

**The University launched a** £10m campaign to build a new cancer research centre for Scotland in September. The Beatson Pebble Appeal is raising funds to build the Beatson Translational Research Centre, the final element in the creation of the Glasgow Centre for Cancer Research. The centre will convert basic cancer research into real improvements in treatments for patients.

**The University Rector, the** Rt Hon Charles Kennedy MP, launched a new scholarship scheme designed to unlock the potential of talented young people, whatever their background. The Talent Scholarships are aimed at smoothing the way through education for some of the most gifted students who otherwise might struggle to pay their way while at university. At least 200 students each year will benefit from an award of £1,000, to be put towards their cost of living.

**The University teamed up** with Glasgow City Marketing Bureau (GCMB) to produce a promotional film, aimed at encouraging students to consider Glasgow as their education destination of choice. Called *Studying with Style*, the short film showcases the research and teaching strengths of the University, provides a glimpse of student life on campus and highlights the attractions of the city itself. The

film project is the latest in a series of collaborative initiatives between the University and GCMB, which not only reinforces the city's credentials as 'Glasgow: Scotland with style' but also profiles the University's academic excellence on the world stage.

**In the first of its kind in** Scotland, the University appointed a Gaelic Language Officer with the aim of increasing the profile of Gaelic on campus and throughout the city. The two-year post is one of a host of initiatives part-financed by the Scottish Government to help revitalise the language.

**Undergraduate applications** to study at Glasgow in 2010 rose by 14.4% compared with the previous year. The figure was almost double the national average. Among the 20 major research-intensive Russell Group universities in the UK, which include the London School of Economics and Oxford and Cambridge Universities, Glasgow saw the largest increase in applications.

**A nationwide screening** programme of amateur athletes to identify those with life-threatening heart defects was launched at the University by Health Secretary Nicola Sturgeon. The £200,000 pilot programme will screen up to 4,000 young athletes a year to identify those who suffer from conditions which can lead to sudden cardiac

death. Scotland is one of only three countries in the world to employ such a programme, which is being coordinated by the University, the Scottish Football Association and the Scottish Government.

**The redeveloped Fraser** Building (formerly known as the Hub) opened at the end of 2008, bringing together a wide variety of student services from a café, medical services and bookshop to registration, finance and careers advice. The building was designed specifically with students in mind and opens up the heart of the University campus.

**The University's Medical** School won a prestigious award for excellence in learning and education at the inaugural British Medical Journal Group Awards. The school impressed the judges with its development of an innovative 'blended learning' approach to teaching senior medical students at the University.

**The Department of Urban** Studies received the award for excellence in planning education from the Royal Town Planning Institute's 2009 awards. The University offers a Masters programme in Real Estate, Planning & Regeneration, which was singled out for praise by the judges.

**The Hunterian Art Gallery** hosted a major loan exhibition from the Munch Museum in Oslo dedicated to prints by

Edvard Munch – Norway’s greatest painter. Featuring 40 of the finest prints from throughout Munch’s career, this was the most substantial display of Munch prints to be exhibited in over 35 years. The Hunterian also hosted the UK’s first public exhibition of the world-renowned sculptor, Alexander Stoddart. The Paisley-born artist graduated from the University in 1983 and is widely recognised as one of the finest neo-classicist sculptors of his generation.

A unique archive of designs, patterns and carpets was preserved for the benefit of local and international historians and designers. The collection of James Templeton & Co and Stoddard International, Scotland’s most successful carpet manufacturers, was bought by the University in conjunction with Glasgow School of Art and Glasgow Museums. Stoddard and Templeton supplied carpets for a host of historic buildings and occasions, including Westminster Abbey, Windsor Castle, the White House and the *Titanic*.

The Business School signed a memorandum of agreement with a top university in Colombia to provide a joint postgraduate Masters in Strategic Marketing. The first semester will be taught by a Glasgow academic at the Escuela de Ingeniería de Antioquia, and the class will then complete their studies at Glasgow.

### The University celebrated two 250th anniversaries in 2009.

January was the 250th anniversary of the birth of poet Robert Burns. A major conference held at the University examined his life and work. Organised by the University’s Centre for Robert Burns Studies, the conference brought together more than 60 delegates from around the world.

Earlier in the academic year the centre’s director, Dr Gerard Carruthers, was appointed General Editor of what will be the most comprehensive collection of the works of Scotland’s best-loved poet – the Oxford University Press edition of Robert Burns. The 15-year project will produce a rich resource in textual and cultural scholarship and will contain previously unseen songs.

2009 was also the 250th anniversary of the publication of Adam Smith’s *Theory of Moral Sentiments*. A conference at the University brought together experts to examine and discuss the ideas and legacy of Smith, across four different themes: Scotland and the Enlightenment; Culture, literature and the arts; Philosophy; and Social sciences.

- Adam Smith (*top right*), one of the world’s most famous economists, was only 14 when he started as a student at Glasgow, returning as a professor in 1751.



# Research review

The University has a long-established reputation as a major research-led institution.

**The University achieved** outstanding results in the 2008 Research Assessment Exercise, with almost 70% of its research activity classified as world-leading or internationally excellent. The RAE aims to provide the most thorough and reliable reflection of the quality of research being conducted by universities across the UK. Undertaken every few years, it provides an internationally recognised barometer of research quality and, using a grade point system, it ranks the research quality of each academic subject within each university.

Results from the 2008 RAE showed that Glasgow is leading the way in a range of disciplines. In 33 subject areas, the majority of research was assessed as being of the highest international calibre. The Department of History of Art was crowned the best of its kind in the UK; the Faculty of Veterinary Medicine was ranked as joint leader in the UK. Glasgow's research in cancer studies and accounting & finance were both rated in the UK top five, with a further 14 subjects rated in the top ten in the UK.

Overall the RAE panel recognised the increased level of interdisciplinary and translational research in the University, and the environment it has created for research and for training researchers was praised.

**Virology research at** Glasgow received a major boost with the news that the Medical Research Council (MRC) will invest £28m over five years to create a leading virology research centre, combining the expertise of the existing MRC Virology Unit in Glasgow and the University's Institute of Comparative Medicine. With an additional £10m invested by the University, the centre will tackle questions about viruses at all levels from the fine details of virus structure to the spread of viruses in human and animal populations. An important feature of the new centre will be the integration of human and animal virus research, as many of the emerging threats to human health come from viruses that can jump from animals to humans.

**The University was awarded** £2.5m from the Engineering & Physical Sciences Research Council (EPSRC) Knowledge Transfer Account. The award provides support to ensure that EPSRC-funded research is exploited to maximum effect, with the aim that any research should benefit the UK economy and society. Glasgow will focus on exploiting its nanotechnology research portfolios.

**Scientists in the Department** of Electronics & Electrical Engineering received £500,000 in funding to investigate ways of

improving the quality of digital camera images by manipulating tiny particles. The team will use a phenomenon called plasmon resonance to try to build a microchip for cameras to create sharper and more colourful images. This involves taking advantage of the properties of electrons to create a whole new optical effect. The team will use extensive nanotechnology expertise at the University to manipulate particles on the nanoscale.

**Some of the world's** leading biofuels scientists gathered at the University to help launch a new Solar & Bioenergy Research Centre. The centre aims to develop renewable fuels to minimise climate pollution. Areas of research include: Biofuel crops; Biomimetic systems; Catalysis; and Microbial fuel cells.

**The world's smallest** diamond transistor was developed by engineers at Glasgow. At just 50 nanometres in length the 'gate' of the diamond transistor is more than 1,000 times smaller than the thickness of a human hair, and is half the size of the previous smallest diamond transistor. The 'gate' of a transistor is used to control the flow of current between two electrical contact points, acting as a switch or an amplifier. The smaller the gate, the faster the transistor works.

Diamond is heralded as being an ideal material for the next generation of nanoscale electronic devices, with applications in nascent technologies such as terahertz imaging and automotive collision detection.

**A significant breakthrough** in the treatment of sleeping sickness was made by scientists at the University. Sleeping sickness, otherwise known as Human African Trypanosomiasis, is widely recognised as one of Africa's neglected diseases, killing up to 50,000 people every year. It causes an infection of the brain that is always deadly if untreated. However, the most common current treatment used can cause fatal inflammation in the brain.

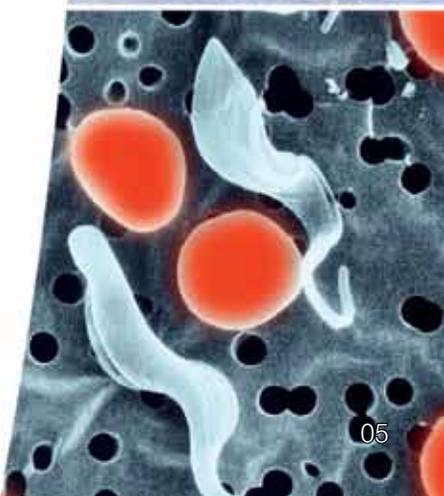
Glasgow researchers have now identified that by inhibiting a particular metabolic pathway in the brain they can significantly reduce this inflammation. It is hoped that the new finding could mean that drugs to reduce inflammatory reactions could be given to patients with sleeping sickness to lower the risk of drug-induced toxicity.

**The University is playing a leading role** in the biggest nuclear physics experiment in the world. The PANDA (anti-Proton ANnihilation at DArmstadt) experiment explores the structure of matter – the particles that make up everything in the universe – at a £1.2 billion Facility for Anti-proton & Ion

Research (FAIR) currently under construction in Darmstadt, Germany. The Glasgow Nuclear Physics Group is one of the founding members of the FAIR project and is leading two research projects within the PANDA collaboration, receiving a £3.2m grant.

**A new project aims to** establish how popular factual entertainment programmes, such as the BBC's *The Apprentice*, shape understanding about the cultural and economic position of entrepreneurship in contemporary British society. Headed by the University's Centre for Cultural Policy Research, the research involves interviews and focus groups in Glasgow and London. It aims to examine the range of representations of entrepreneurship on television and identify key shifts in both the television industry and the wider economy that account for the changing representations.

**To celebrate the 250th** anniversary of the birth of Robert Burns (*right*), academics at the University created a new online, searchable version of the Bard's original copy of the Kilmarnock Edition – the first collection of Burns' work to appear in print. The Burns text was made available for the first time in colour facsimile, as well as downloadable, searchable PDFs and plain text versions at [www.scottishcorpus.ac.uk/cmsw/burns](http://www.scottishcorpus.ac.uk/cmsw/burns).



# Honours and distinctions

The outstanding achievements of our staff are frequently recognised by the conferment of honours and appointments.

Veterinary epidemiologist **Dr Sarah Cleaveland** won the prestigious Trevor Blackburn Award for her outstanding contribution to both animal and human health in Africa.

**Professor of Chemistry Lee Cronin** was a recipient of a prestigious Royal Society Wolfson Research Merit Award.

Computing scientist **Professor Mark Girolami** was presented with the Unsupervised Learning Pioneer Award by the International Society for Photo-Optical Instrumentation Engineers in recognition of his role in helping to revolutionise neuroimaging technology.

**Professor of Inorganic Materials Duncan Gregory** was awarded the 2009 Royal Society of Chemistry Sustainable Energy Award for his work on energy-related materials.

**Professor of Literature & Theology David Jasper** was elected President of the Association of Departments of Theology & Religious Studies, which is the national subject association.

**Professor of International Business & Entrepreneurship Marian V Jones** received the American Marketing Association Global Marketing SIG's

2008 Excellence in Global Marketing Research Award for an outstanding research article which has significantly influenced the direction of global marketing.

**Professor James McKillop**, Muirhead Professor of Medicine and Deputy Executive Dean at the University, was appointed a member of the General Medical Council.

**Dr Steven Miller**, Clinical Lecturer in Medicine, was awarded the Samuel Leonard Simpson Fellowship in Endocrinology from the Royal College of Physicians in London.

**Professor of Physics Miles Padgett** was awarded the Institute of Physics Optics & Photonics Division prize 2008 for significant recent advances in the field. Professor Padgett was also a recipient of a prestigious Royal Society Wolfson Research Merit Award.

**Professor of Taxonomy Rod Page** was named as the author of Europe's most cited paper in evolutionary biology. The single most often quoted piece of scientific work describes a new method for analysing and portraying phylogenetic relationships of species on PC computers, and was cited by an astonishing 4,512 other articles.

**Sociologist Professor Gerda Reith** was appointed to the new Gambling Strategy Board for Britain, which will be responsible for formulating national strategy for research and policy on gambling.

**Professor in Cultural Policy Philip Schlesinger** was appointed by Ofcom, the UK communications regulatory body, as chair of its national advisory committee for Scotland.

**Professor of Environmental Statistics Marian Scott** was appointed OBE for her services to environmental science in the 2009 Queen's Honours list.

**Professor of Statistics Stephen Senn** was awarded the Royal Statistical Society's prestigious Bradford Hill Medal, awarded only once every three years.

**The following members of the University were elected Fellows of the Royal Society of Edinburgh in 2009:**

Professor of Medical Oncology **Jim Cassidy**

Professor of Chemistry **Stephen Clark**

Professor of Chemistry **Lee Cronin**

Professor of Seabird & Fishing Interactions **Bob Furness**

Professor of Molecular Pathogenesis **Massimo Palmarini**

Professor of Fine Art **Alison Yarrington**

# Honorary degrees

The University conferred 18 honorary degrees during 2008-09.

## Doctor of Engineering

**Dr Edward Strickland**,  
VP International Research,  
Strategic Trans-Atlantic  
Research Network Agency

**Dr Robert Thresher**, Director  
of NREL's national Wind  
Technology Centre and Adviser  
to the Scottish Intermediate  
Technology Institute

## Doctor of Laws

**Professor Ian Forrester**,  
QC and Law graduate of this  
University, currently working for  
White and Case, Brussels

**Baroness Helena Kennedy**  
(right), QC and Chair of the  
British Council and Human  
Genetics Commission and  
President of National Children's  
Bureau

**The Rt Hon George Reid**,  
Retired Presiding Officer of the  
Scottish Parliament and MSP

## Doctor of Letters

**Hannah Frank**, Artist  
and Sculptor, graduate of  
this University (awarded  
posthumously)

**Professor Pan Gongkai**,  
Artist, Author and the President  
of the Central Academy of Fine  
Arts in Beijing, China

**Professor Doreen Massey**,  
Professor of Geography, Open  
University

**Professor Ross Roy**,  
Retired Professor of English  
and Comparative Literature  
at the University of South  
Carolina, Columbia and  
Founder of the Journal *Studies  
in Scottish Literature*

## Doctor of Music

**Jean Redpath**, Scottish folk  
singer

## Doctor of Science

**Sir Kenneth Collins**,  
Retired Chair of the Scottish  
Environmental Protection  
Agency and graduate of this  
University

**Professor David Hirsh**,  
Executive Vice-President  
for Research at Columbia  
University

**Professor Ian McDougall**,  
Emeritus Professor of the  
Research School of Earth  
Sciences, Australian National  
University and world leader in  
the science of geochronology

**Professor Dame Wendy Hall**,  
Professor of Computing  
Science at the University of  
Southampton and currently  
Senior Vice-President of the  
Royal Academy of Engineering

**Professor Jane Soons**,  
First female PhD graduate in  
Geography at this University  
and Emeritus Professor at the  
University of Canterbury,  
New Zealand

## Doctor of the University

**Lynn Murray**, Fundraiser

**Professor Muhammad Yunus**,  
Managing Director, Grameen  
Bank

## Doctor of Veterinary Medicine and Surgery

**Ian Galloway**, Chairman  
and Chief Executive of  
J W Galloway Group



## Income and expenditure

	2008-09 £000	2007-08 £000
<b>Income</b>		
Funding body grants	156,248	149,635
Tuition fees and education contracts	75,654	66,425
Research grants and contracts	126,022	116,840
Other income	56,616	54,666
Endowment and investment income	6,612	9,507
<b>Total income</b>	<b>421,152</b>	<b>397,073</b>
<b>Expenditure</b>		
Staff costs	235,720	220,686
Other operating expenses	161,157	153,295
Depreciation	17,065	16,151
Interest and other finance costs	1,913	–
<b>Total expenditure</b>	<b>415,855</b>	<b>390,132</b>
Surplus after depreciation of tangible fixed assets at valuation and before exceptional items	5,297	6,941
Exceptional items: continuing operations Disposal of fixed assets	225	–
Surplus on continuing operations after depreciation of assets at valuation and disposal of fixed assets	5,522	6,941
Surplus for the year transferred to accumulated income in endowment funds	(940)	(986)
Surplus for the year retained within general reserves	4,582	5,955
All items of income and expenditure arise from continuing operations.		
<b>Consolidated statement of historical cost surpluses</b>		
Surplus for the year retained within general reserves	4,582	5,955
Difference between historical cost depreciation and the actual charge for the period calculated on the revalued amount	3,745	5,114
Historical cost surplus for the year	8,327	11,069

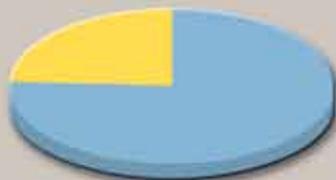
# Facts and figures

Number of staff 2008-09



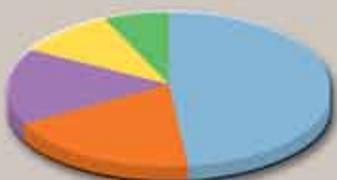
- Clinical 274 4.5%
  - Management, professional and administration 1,697 27.9%
  - Operational 1,013 16.7%
  - Research and teaching 2,501 41.1%
  - Technical and related 596 9.8%
- Total 6,081**

Student numbers 2008-09



- Undergraduates 15,893 75.4%
  - Postgraduates 5,195 24.6%
- Total 21,088**

Home residence of full-time students 2008-09



- Within 30 miles of Glasgow 44.0%
- Other Scotland 23.3%
- Other UK 12.8%
- Other EU 8.2%
- Outwith EU 11.7%

Students by faculty 2008-09



- Sciences (three faculties) 22.9%
- Arts 22.4%
- Law, Business & Social Sciences 19.0%
- Medicine 12.5%
- Education 11.4%
- Engineering 7.6%
- Veterinary Medicine 3.3%
- Dumfries Campus 0.9%

## Senior Officers 2008-09

### Chancellor

Professor Sir Kenneth Calman KCB, MD, PhD, FRCS, DL, FRSE

### Principal and Vice-Chancellor

Sir Muir Russell KCB, FRSE

### Chancellor's Assessor

Mrs Joy Travers LLB, CA, ATII

### Secretary of Court

Mr David Newall BA, CPFA

### Clerk of Senate

Professor Andrew Nash BVMS, PhD, CBiol, FIBiol, DipECVIM, MRCVS

### Director of Finance

Mr Robert Fraser BSc, MBA, CA

### Rector

The Rt Hon Charles Kennedy MP, MA

A Register of Interests of Members of the University Court and Senior Management is maintained by the University. Application for copies may be made in writing to the Secretary of Court or the Register may be inspected on personal application to the Court Office.

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