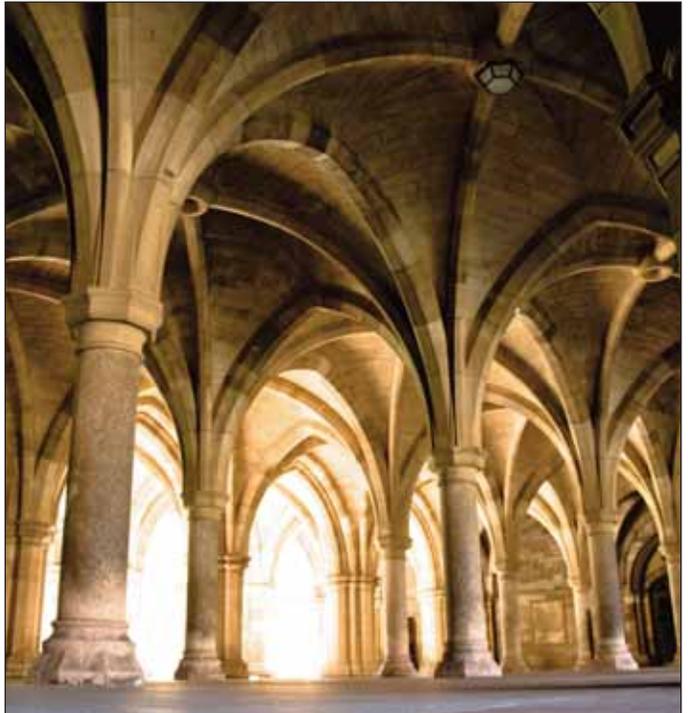
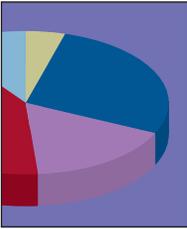




University of Glasgow

Annual Review 2007-08





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from 2007-08

Principal's welcome

I am delighted to introduce you to this Annual Review of the University of Glasgow, covering the period August 2007 to July 2008.

For the third consecutive year the University has generated a surplus after more than a decade in the red.

The University's financial strength in 2007-08 is matched by external indicators of our reputation. We showed impressive advances in league tables: the *Times Higher Education – Quacquarelli Symonds World University Rankings* saw us rise by 10 places to 73; we moved up 12 positions in the *Guardian University Guide* league table to 20th place; in the *Times Good University Guide* we advanced 11 places to 20th and in the *Independent* league table for 2008 we climbed 14 places to reach joint 16th place.

Our commitment to teaching and learning excellence has been demonstrated with the results of the 2008 National Student Survey, which showed 86% satisfaction among final-year students. Also, the University recorded impressive results in the 2008 International Student Barometer which ranked the University's international students as the third most satisfied overall in the UK.

These results make the University an attractive choice for the best postgraduate students from across the globe: international postgraduate numbers have increased by 20% in the last five years.

The University's research activity continues to grow in volume and reputation. During the calendar year 2007 the University had the largest increase in research grant awards of any UK University and was eighth in terms of absolute value of awards. In December 2007 the University submitted 14% more staff to the national Research Assessment Exercise (RAE) than in the last RAE, which was conducted in 2001. Submitting more staff did not dilute the quality – the results published in December 2008 classified almost 70% of our research activity as world-leading or internationally excellent, a substantial improvement on the results of 2001.

And high-quality research students and early career researchers are being attracted to the University through the use of studentship and fellowship schemes.

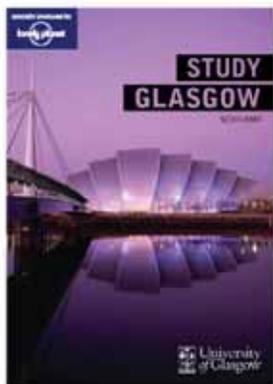


The University has continued to invest in infrastructure. During the year, in addition to significant investment in refurbishment, new buildings were opened to support research in leukaemia, cancer and computer science.

It is clear that the current global economic situation will produce turbulent conditions for the University in the next few years. However, I am confident that we are in a position to meet the challenges ahead.

Sir Muir Russell
Principal and Vice-Chancellor





Review of the year

This last year has been one of great activity and achievement at the University of Glasgow.

The University's position as a world-class education provider and centre for innovative research was recognised by a number of awards in 2007-08. The *Sunday Times* named Glasgow Scottish University of the Year 2007-08, citing the University's 'outstanding academic reputation, growing international standing and popularity with students'. Factors that played a part in the decision to award the prestigious title to Glasgow included the University's strong research record, commitment to investment in new facilities, high standing among its peers, prime location in the city's West End and low level of graduate unemployment.

In yet another success, Glasgow was named the best campus in Scotland in a new *Times Higher Education Supplement* league table that sought the views of thousands of students from across the UK and was listed as third in the UK for overall student experience category.

Glasgow became the first university in the world to team up with travel guide company *Lonely Planet* to produce a guide for prospective students interested

in studying at Glasgow. *Study Glasgow* highlights all that Scotland's largest city has to offer, enabling those who are considering studying at the University to get a taste of what the city is like to live in.

Former Liberal Democrat leader Charles Kennedy MP was elected as the University's new Rector in February. He replaced Mr Mordechai Vanunu, a former nuclear technician who spent 18 years in jail for leaking details of Israel's secret atomic weapon programme, and will serve as Rector for three years. The MP for Ross, Skye and Lochaber and graduate of the University promised to be a working rector, representing the views of the entire student body.

A coveted Queen's Award for Enterprise was given to the University's Business School for its success in attracting growing numbers of international students. The Business School – which offers a range of high-quality Masters degrees aimed at recent graduates and aspiring managers worldwide – won the award for growing its international student income by 261% over three years.

Far left: Glasgow International College
Above: First Minister of Scotland, Alex Salmond
Far right: Rector Charles Kennedy

The Department of Economics is among the top 5% of international finance research institutions in the world, according to rankings published in February 2008. Research Papers in Economics, the body which provides a ranking of all economists in the world, placed Glasgow's Department of Economics alongside the research department of the International Monetary Fund at number 40 in their list.

The University established the Scottish higher education sector's first dedicated Equality & Diversity Unit, which is responsible for promoting and embedding all aspects of equality and diversity within the University community.

A website dedicated to all those who have contributed to the reputation, development and progress of the University since its foundation in 1451 was launched in 2007. The University of Glasgow Story (www.glasgow.ac.uk/universitystory) provides biographies of more than 1,700 employees, graduates, academics and benefactors, including Donald Dewar, Isabella Elder, Adam Smith and James Watt.



The University marked the city of Glasgow's success in securing the Commonwealth Games in 2014 with a new range of scholarships for students from developing countries. The Commonwealth Scholarship Scheme will give 53 students – one for each country of the Commonwealth – the opportunity to study at the University. As the students return to their home country to contribute to future economic, social and political development, the scheme will help to give something back to the Commonwealth.

In the first ever cataract operation performed on a golden eagle, University veterinary eye specialist George Peplinski has restored a blinded bird back to partial sight. The eagle lost its eyesight after flying into an electricity pylon and developing cataracts in both eyes. It is considered very risky to put birds under general anaesthetic, but the University ophthalmologist agreed to the operation as, without sight, the eagle's future was bleak. The bird's sight was successfully restored in one eye in the ground-breaking surgery.

Glasgow International College welcomed its first cohort of students in September 2007. The students, from as far afield as Japan, Nigeria and Pakistan, are following foundation and pre-Masters programmes in business, law, social sciences, science and engineering. The programmes prepare students from international education systems for the undergraduate and postgraduate studies that they will progress on to at the University, upon satisfactory completion of their college programme. Housed in the newly refurbished Anderson College Building, Glasgow International College is the first of its kind in Scotland.

The University's campus in Dumfries played host to a formal meeting of the Scottish Government's Cabinet in July 2008. As well as the Cabinet Meeting ministers hosted a 'good causes' reception, took part in public meetings and undertook ministerial engagements during their two-day visit to the southwest of Scotland. Earlier in the year, the University secured a funding package from the Scottish Government to maintain and develop its activities on the Dumfries Campus.





Research review

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

The University opened a £5m Electronics Design Centre aimed at boosting the electronics design industry in Scotland by supporting vital research areas. The centre will be at the forefront of breakthroughs in drug development, communications systems and homeland security. Situated alongside the James Watt Nanofabrication Centre, which was opened earlier in 2007, the centre is unique in bringing together experts in both design and assembly of groundbreaking nanotechnology devices in one location.

A University of Glasgow study has found a 17% fall in admissions for heart attacks to Scottish hospitals in the first year after the smoking ban came into force in Scotland. The evaluation, led by Professor Jill Pell of the BHF Cardiovascular Research Centre, compares with an annual reduction in Scottish admissions for heart attack of 3% per year in the decade before the ban.

Researchers from Glasgow have solved a scientific riddle that could lead to the development of more effective gene therapies. Gene therapy involves injecting into the bloodstream genetically modified viruses – or adenoviruses – that can treat

disease. A drawback of the method is the tendency for the adenoviruses to accumulate in the liver, leading to unwanted side-effects. The team of researchers from Glasgow, in collaboration with colleagues at University College London and the MRC Clinical Services Centre, have now found a way to block adenoviruses from the liver, which may be highly useful in the future for treating serious diseases such as cancer and cardiovascular disease by targeting the treatment effectively to the diseased cells.

Glasgow scientists are aiming to harness a substance secreted by parasitic tropical worms to help them find a more effective treatment for inflammatory types of arthritis. A team of scientists from the Universities of Glasgow and Strathclyde plan to take advantage of the anti-inflammatory properties of a large molecule that is secreted by the parasitic filarial nematode worm. The molecule – called ES-62 – circulates in the bloodstream of

tens of millions of infected people in the Tropics and prevents the massive inflammatory responses such as elephantiasis that the worms are otherwise capable of producing. ES-62 has no known adverse effect on general health, nor does it inhibit the ability of infected people to fight other infections. The team, led by Margaret Harnett, Professor of Immune Signalling at Glasgow, aims to produce a synthetic derivative of ES-62 in order to ultimately develop anti-inflammatory drugs that will combat auto-immune, inflammatory conditions such as rheumatoid arthritis.

Scientists at Glasgow are testing a revolutionary system that examines how horses breathe while galloping at speeds of up to 50mph. The University's Equine Hospital is the first in the UK to offer a



Left: Dr Rob Jenkins
Above: Image of Robert Burns in a stained glass window at the University



complete diagnosis of a horse's breathing as it exercises, using the new equipment. An endoscope introduces a camera through the nose and into the throat of the animal, beaming wi-fi signals that enable experts to view a clear, live image of the horse's larynx and trachea. Vets will be able to detect illnesses and disease that would not normally be apparent while the horse is stationary, such as laryngeal paralysis and displacement of the palette.

National security and crime prevention could be revolutionised by a method of face recognition being developed by psychologists at Glasgow. Systems designed to identify criminals and suspects from photographs can be unreliable due to variables in images such as lighting and pose. However, new findings from psychologist Dr Rob Jenkins and his team show that by combining a number of photographs of a subject into an 'average' image of the person, face recognition results are twice as accurate.

The University launched a major new research centre dedicated to the work of Robert Burns. The Centre for Robert Burns Studies will be the hub of critical

research, offering new insights into the work of Scotland's national bard. One main feature of the centre is the AHRC Global Burns Network, which will analyse the impact of Burns outside Scotland.

A 15-year study by the University into the use of cholesterol-lowering drugs has found that they reduce heart attacks by more than 25%. The study has shown that patients treated with statins (cholesterol-lowering drugs) for five years suffer 27% fewer heart attacks or deaths due to heart disease over a 15-year period. It appears that the statin treatment reduces the rate of occurrence of heart disease events, even after patients stop taking the drug. The investigation was carried out by the same team who produced the landmark 1995 study that opened the door worldwide for patients to be treated with a statin.

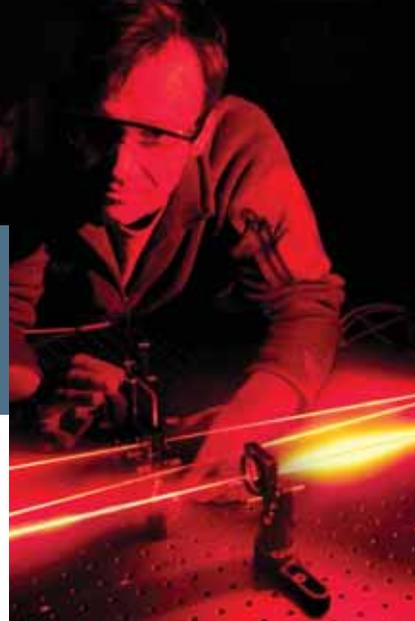
World-renowned gravitational wave research at Glasgow has been boosted by a significant five-year funding grant of £7.1m from the Science & Technology Facilities Council. Gravitational waves – waves in the curvature of space-time generated by the motion of massive objects,

such as two stars or two black holes orbiting each other – were first predicted by Albert Einstein in 1916 as part of his theory of general relativity. The University's Institute for Gravitational Research is developing detectors and signal analysis methods to search for gravitational waves from astrophysical sources. The detection and study of gravitational radiation is of great scientific importance. It should reveal new information about a variety of astrophysical systems, including supernova explosions, black hole formation and pulsars.

A major new research partnership was launched to ensure the future of Scotland as a driving force in engineering. With an investment of over £26.5m from the Scottish Funding Council, and a further £100m co-invested over five years by the ten collaborating universities, the partnership will enhance the position of Scotland as a world-class centre for engineering research by pooling expertise, resources and industry links. The collaboration between the universities brings together an academic community of more than 730 staff with a research income in excess of £23m.



Left: Professor Sheila Rowan
Right: Professor Miles Padgett
Far right: Elaine C Smith



Honours and distinctions

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

Research carried out by a team featuring University neuroscientist **Dr Stuart Cobb** was named in the top five scientific breakthroughs of 2007 by *Wired* magazine. Dr Cobb's team reversed the effects of the severe autism spectrum disorder Rhett Syndrome.

Professor of Endocrinology John Connell was elected to the Council of the Academy of Medical Sciences for his exceptional contribution to the advancement of medical science.

Professor of Biomineralisation Maggie Cusack received the Scottish Science Award for 2008 in recognition of her major contribution to science.

Dr Matt Dalby, Molecular & Cellular Biology, won the Nexus Young Life Scientist of the Year Award for his extraordinary contribution to life sciences.

Professor David Jasper, Theology & Religious Studies, was elected as President of the Association of Departments of Theology and Religious Studies (AUDTRS), which is the national subject association.

Professor of Pulmonary Pharmacology Mandy MacLean received the prestigious Estelle Grover Lecture Award by the American Thoracic Society for her research into the life-threatening condition, pulmonary arterial hypertension.

Tim Miller, Professor of Electrical Engineering and Director of the Scottish Power Electronics & Electric Drives Consortium, was the 2008 recipient of the Nikola Tesla Award for work in electrical machines.

Professor of Physics Miles Padgett was awarded the Institute of Physics Optics and Photonics Division prize 2008 for significant recent advances in the field.

Mr Ewen Smith, Director of the Hunterian Museum & Art Gallery, was elected to the Board of the Scottish Museums Council to represent all Scottish University museums.

Three members of staff were listed in the 2008 Queen's Honours List:

Vice-Principal of Life Sciences, Clinical Medicine and Veterinary Medicine, **Professor John Coggins**, was appointed OBE for services to science.

Dr Azra Meadows, Honorary Lecturer in Environmental & Evolutionary Biology, was appointed OBE for services to UK and international community relations.

Professor William David George, Honorary Professor in the Faculty of Medicine, was appointed CBE for services to medicine.

The following members of the University were elected Fellows of the Royal Society of Edinburgh in 2008:

David Barlow, Executive Dean of Medicine and Professor of Reproductive Medicine

Gerard Graham, Professor of Molecular and Structural Immunology

Daniel Haydon, Professor of Population Ecology and Epidemiology

Kenneth Hunt, Wylie Professor of Mechanical Engineering

Nigel Leask, Regius Professor of English Language and Literature

Iain McInnes, Professor of Experimental Medicine

John McMurray, Professor of Medical Cardiology

George Newlands, Professor of Divinity

Chris Philo, Professor of Geography

James Robertson, Honorary Research Fellow, Department of Scottish Literature

Sheila Rowan, Professor of Experimental Physics

Stephen Senn, Professor of Statistics



Honorary degrees

The University conferred 20 honorary degrees on distinguished figures from the worlds of arts, medicine, science and sport during 2007-08.

Doctor of Engineering

Dr Ian Nussey
Chairman of IBM UK's Technical Consultancy Group and leader of IBM UK's high-flier student programme

Doctor of Laws

Mr Paul Kagame
President of the Republic of Rwanda

Doctor of Letters

Professor David Breeze
Honorary Professor of the University of Edinburgh and Head of Special Heritage Projects, Historic Scotland

Professor John Haldane

Professor of Philosophy and Director of the Centre for Ethics, Philosophy and Public Affairs at the University of St Andrews

Professor Jackie Kay

Scottish poet and novelist

Ms AL Kennedy

Author

Professor Andrew MacMillan

Formerly joint senior partner with Isi Metzstein in the Glasgow architectural practice of Gillespie, Kidd & Coia, and professor and former Head of the Mackintosh School of Architecture

Professor Isi Metzstein

Formerly joint senior partner with Andrew MacMillan in the Glasgow architectural practice of Gillespie, Kidd & Coia, and former Forbes Professor of Architecture at the University of Edinburgh

Denise Mina

Novelist

Doctor of Science

Dr Harry Burns
Chief Medical Officer for Scotland

Dr Derek Chalmers

CEO and President of Cara Therapeutics in Tarrytown, New York

Professor Keith Moffatt

Emeritus Professor of Mathematical Physics at the University of Cambridge

Dr Betsy Nabel

Director of the US National Heart, Lung and Blood Institute

Dr Kiran Mazumdar-Shaw

Chairman and Managing Director of Biocon, Ltd, Bangalore

Dr Ian Sword

Chairman of Inveresk Research Group Inc

Professor Judith Ann Whitworth

Director of the John Curtin School of Medical Research at the Australian National University

Doctor of the University

Mr John Greig
Former footballer, captain of Glasgow Rangers and Scotland

Mr James Allan McColl

Chairman and Chief Executive of Clyde Blowers, Ltd

Mr Billy McNeill

Former footballer, captain of Glasgow Celtic and Scotland

Ms Elaine C Smith

Scottish actress and comedienne





Income and expenditure

	2007-08 £'000	2006-07 £'000
Income		
Funding body grants	149,635	145,083
Tuition fees and education contracts	66,425	59,966
Research grants and contracts	116,840	97,630
Other income	54,666	52,913
Endowment and investment income	9,439	6,623
Total income	397,005	362,215
Expenditure		
Staff costs	220,695	200,537
Other operating expenses	153,295	140,280
Depreciation	16,151	15,003
Interest and other finance costs	–	42
Total expenditure	390,141	355,862
Surplus after depreciation of tangible fixed assets at valuation and before exceptional items	6,864	6,353
Exceptional items: continuing operations		
Disposal of fixed assets	–	9,080
Surplus on continuing operations after depreciation of assets at valuation and disposal of fixed assets	6,864	15,433
Surplus for the year transferred to accumulated income in endowment funds	(986)	(415)
Surplus for the year retained within general reserves	5,878	15,018
<i>All items of income and expenditure arise from continuing operations</i>		
Consolidated statement of historical cost surpluses		
Surplus for the year retained within general reserves	5,878	15,018
Difference between historical cost depreciation and the actual charge for the period calculated on the revalued amount	5,114	3,809
Realisation of property revaluation gains of previous years	–	5,872
Historical cost surplus for the year	10,992	24,699



Facts and figures

Senior Officers 2007-08

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

Principal and Vice-Chancellor
Sir Muir Russell KCB, DL, 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

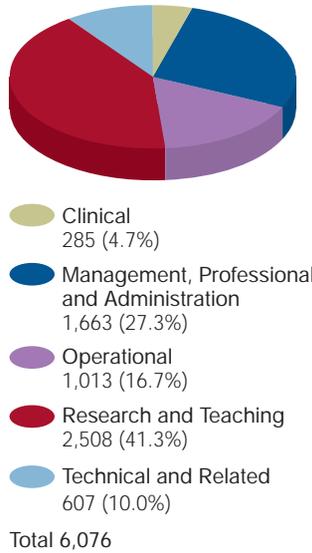
Director of Finance
Mr Robert Fraser BSc, MBA, CA

Rector
Mr Mordechai Vanunu BA

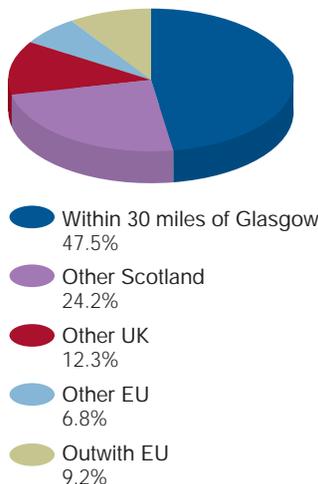
(from April 2008) The Rt Hon
Charles Kennedy MP, MA

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.

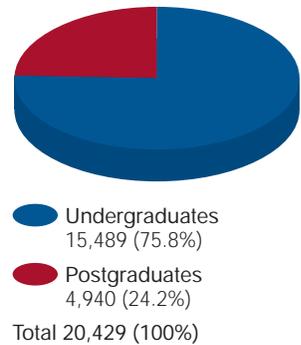
Number of staff 2007-08



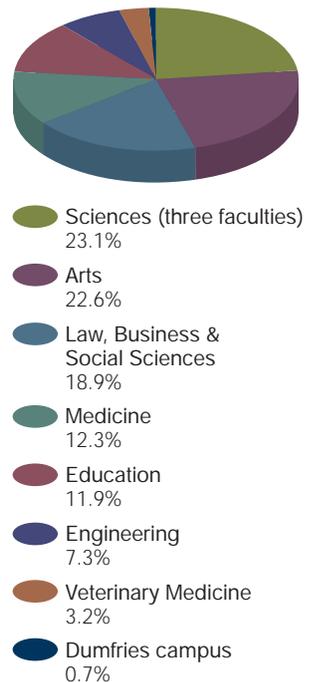
Home residence of full-time students 2007-08



Student numbers 2007-08



Student by faculty 2007-08





Find out more
For further information contact:
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