



University
of Glasgow



Annual Review

2009-2010

Our mission

Our mission is to undertake world-leading research and to provide an intellectually stimulating learning environment that benefits culture, society and the economy.

Our values

- Integrity
- Credibility
- Openness
- Success



inspire

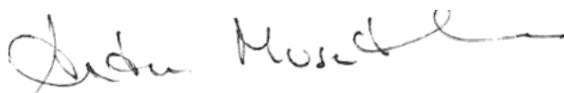
Principal's welcome

I am delighted to introduce you to this Annual Review of the University of Glasgow, covering the period August 2009 to July 2010.

As in previous years, the University has achieved financial stability and operating surpluses to invest in our teaching and research. We have performed well in league tables and in student satisfaction surveys such as the National Student Survey and International Student Barometer. We also have a good story to tell in terms of research, with recent successes including major grants to tackle some of the world's most prevalent diseases and the completion of a huge feat of scholarship – the publication of the Historical Thesaurus. And we have invested in key areas of our estate, with investment levels for the last five years standing at £152m.

It is good that we are able to face the future from a position of relative strength, for very real challenges lie ahead. As the landscape of higher education continues to evolve, I have taken vital steps to ensure that our infrastructure puts us in a prime position to tackle the priorities of UK governments and our research funders. On 1 August 2010, following several months of consultation and planning, we moved from a structure of nine faculties to four colleges. This new system will facilitate a change in culture towards greater agility, enhanced interdisciplinary working and improved innovation.

There may be uncertain financial times ahead for all universities, but I am confident we will strive forward, to the benefit of researchers, students and society, not only in Glasgow but also across the globe.



Professor Anton Muscatelli
Principal and Vice-Chancellor

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Review of the year

This has been a year of great activity and achievement at the University.

Professor Anton Muscatelli became the 50th Principal in the University's history, taking over the reins from Sir Muir Russell in October. The former Principal and Vice-Chancellor at Heriot-Watt University wasted no time in getting to work and very quickly started to implement his plan to change the academic structure of the University from nine faculties to four colleges: work which was completed in August 2010.

Other key appointments included

Professor David Clark as new director of the Dumfries Campus, and Professor Roibeard Ó Maolalaigh, who was appointed to the first Chair of Scottish Gaelic in Scotland, underlining the University's commitment to supporting the language. In another first for Scotland, the University also appointed a Gaelic Language Officer to increase the profile of Gaelic.

The most advanced small animal hospital in Europe opened its doors in September. Based within our world-renowned School of Veterinary Medicine, the £15m hospital offers a host of services, including a diagnostic imaging suite complete with both MRI and CT scanners, an endoscopy suite, a unique pain and rehabilitation centre with an underwater treadmill, and Scotland's first centre for comparative oncology.

The University joined forces with the city to launch an initiative to secure Glasgow's position as a centre of excellence for the science industries. Under the 'Glasgow City of Science' branded initiative, government, industry and education leaders are working together to encourage interest, education and investment in the science sectors.

Another joint initiative with the city places Glasgow as an outstanding location for research in the arts. In 2010 the University signed a unique agreement with Glasgow Life – a Trust established by Glasgow City Council to manage its cultural assets – which aims to use the exceptional resources held by both the city and the University in new ways that will enhance and develop research.

Since the beginning of 2010 visitors throughout the world have been accessing the Hunterian Museum's extensive collections through their iPhone. The development of a new app lets users explore a variety of star objects and interact with the material, whether by tapping the screen to make a coin flip over or being able to zoom in to see finer detail, play videos and turn virtual pages of text. The app is entirely free and contains many links to further materials online and updates on permanent displays, exhibitions and lunchtime talks. For more information, www.glasgow.ac.uk/hunterianapp.

Five members of staff were recognised in the 2010 New Year Honours list:

- **Professor Peter Kennedy** received a CBE for services to clinical science. The Burton Professor of Neurology is a world leader in the study of African sleeping sickness.
- Also in receipt of a CBE was **Professor Karen Vousden**, Director of the Beatson Institute for Cancer Research. Professor Vousden, who is a world authority on tumour suppression, received her award for services to clinical science.
- **Professor Mandy Maclean** was awarded an MBE for services to science. The Professor of Pulmonary Pharmacology directs a research group studying the pharmacology of pulmonary hypertension.
- **Professor Margaret Reid** received an OBE for services to health care and to higher education. An honorary senior research fellow, she has investigated maternity care, sexual health and heart disease relating to women and has published in these fields.
- **Professor Stewart Hillis** received an OBE for services to medicine and to sport. Professor Hillis is Scottish Football Association medical director.



In March it was announced that a new textile conservation centre would be established at the University, the only resource of its kind in the UK.



Over 200 companies took part in the University's Industry Day in February, when new connections between academics and industrialists were forged.





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World-changing research

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

Glasgow scientists attracted significant funding to combat some of the world's most prevalent diseases.

- A grant of £3 million from the Bill and Melinda Gates Foundation was secured to further the development of research into sleeping sickness. The disease, caused by a parasite that enters the victim's bloodstream and invades the brain, is not just a killer of humans but has a pervasive grip on livestock. The grant will enable the researchers to develop new models to test the ability of drugs to treat sleeping sickness.
- The Gates Foundation also awarded \$10 million to Glasgow and the World Health Organization to eliminate rabies in low-income countries by rolling out a canine vaccination programme in South Africa and the Philippines.
- Malaria is another strong area of research here. Towards the end of 2009 Glasgow was selected to host an international malaria research unit that includes members of some of the UK's and Europe's top academic institutions. The European Virtual Institute for Malaria Research is a European Commission-funded network of excellence which combines more than 40 leading malaria research groups from Europe, Africa, India and Australia.

A project aimed at bringing the benefits of social media sharing systems to communities in the developing world received £450,000 from the Engineering

& Physical Sciences Research Council. The 18-month project, led by Glasgow in collaboration with academics at the Universities of Swansea, Surrey and Cape Town, builds on an existing wireless network to establish digital media libraries to connect multiple locations across five villages on the Wild Coast of South Africa. This infrastructure will then be used to examine the interplay of mobile phones, pico-projectors, situated displays, word-of-mouth storytelling and paper-based artefacts, to create and exchange multimedia content for education, health, agriculture, local social welfare and community decision-making.

The University hosted a major international conference to discuss the ongoing conflict in Afghanistan. The event in March brought together high-ranking soldiers, scholars, diplomats and journalists from around the world. Among the key themes addressed was the degree of progress currently being made in Afghanistan, the debate over the course of counter-narcotics policy in the country, and the particular challenges of coordinating the coalition of over 40 different countries. Building on the success of the Afghanistan conference, there are plans to develop a new research agenda investigating the transnational networks that look set to shape the nature of human conflict in the 21st century.

A team from Glasgow pinpointed a molecule responsible for triggering anaphylactic shock and successfully developed a biological agent that can

reduce the allergic symptoms it causes. The team are the first researchers in the world to isolate the hormone that causes anaphylaxis. The hormone, called IL-33, acts as an amplifier to existing allergies and causes severe symptoms such as generalised flushing, difficulty breathing and, in the worst cases, cardiac arrest and death.

Research from Glasgow showed that the rate of hospitalisations for children with asthma in Scotland dropped following the introduction of the ban on smoking in public places in 2006. In the study, data on hospital admissions for children with asthma in Scotland from January 2000 until October 2009 was analysed. Before the smoking ban came into force, admissions for asthma were increasing at an average rate of 5.2% per year. After the ban, admissions decreased by 18.2% per year.

After 45 years painstaking scholarship, the world's first historical thesaurus was published. The *Historical Thesaurus of the Oxford English Dictionary* is the culmination of thousands of hours of work by hundreds of research assistants, postgraduate students, University staff and volunteers, and maps almost every word in the 20-volume *Oxford English Dictionary* on to a vast classification structure where words with similar meaning are grouped together and listed in chronological order from the oldest (c AD 700) to the most recent. The awe-inspiring completed work contains nearly 800,000 meanings, organised into more than 236,000 categories and subcategories collected together in 4,500 pages in two volumes.

A great student experience

Our students benefit from excellent teaching, research and support.

Over the year we consolidated our reputation for the quality of our teaching and student satisfaction, with the publication of three independent and internationally recognised quality assessments during the year.

- Strong results were achieved in the 2010 National Student Survey, with 90% of final-year students at the University satisfied with their course. The result was a 4% increase on the previous year with the University bucking a national trend, which saw satisfaction falling slightly. The national average score was 81%.
- The Times Higher Education QS World University Rankings once again placed Glasgow well within the top 100 universities in the world and also voted us the best university in the country for student experience.
- Our international students gave us one of the best scores in the UK as part of a survey of student satisfaction. According to the Summer 2010 International Student Barometer survey, the University hit a 91.6% satisfaction rating – far higher than the UK average of 86.9%. Ranked first in many categories, we performed very strongly against other international, UK and Scottish institutions.

Over the year, great progress was made on our £13.7m project to transform the way we administer, utilise and manage student information and deliver high-quality services to our students, with the purchase of a new student information system – Oracle's Campus Solutions. A 50-strong cross-campus team was seconded to build the system, which will provide an

integrated suite of information that will help us transform our business. Our students will benefit from an improved user experience, with 24/7 online access to a wide range of University functions and services. The system will engage students from when they apply, right through their studies, to after graduation when they become alumni. This enhanced relationship will help streamline applications and improve student conversion and retention rates. Campus Solutions will be implemented over the next year. The project follows on from the successful completion of the Fraser Building in 2008, which brought together all student services in one central location.

A £1.9 million project transformed the Level 3 annexe of the library into a relaxed and informal space for students to meet and learn in a social environment. Study booths for groups working on projects allow them to plug in a laptop to display pages to the whole group and three big study/meeting pods offer sheltered space for around a dozen people to have focused discussions. The redevelopment has increased the number of study seats and the area also includes a coffee bar with sofa-style seating. This work is the latest development in a wider-scale programme of our library resources that has been carried out over the last ten years.

As part of our commitment to supporting students and rewarding academic excellence, the University raised more than £440,000 in scholarship funding during 2009-10. This included the establishment of six endowed sports bursaries and six Talent Scholarships for vet students, and a number of projects aimed at encouraging students to study abroad.

Teaching is a key part of the student experience. In 2009-10, three members of staff received a Teaching Excellence Award from the University, in recognition of their high standard of teaching.

- Dr Steve Draper in Psychology researches new teaching and learning methods, leading to the introduction of several new techniques designed to promote active learning.
- Dr Jeremy Huggett in Archaeology has championed IT and web-based teaching for students, providing detailed guides to internet resources, online support materials and software demonstrations.
- Dr Sandra McGregor in the Medical School draws on her experience as a researcher to teach students how to question and use an evidence base for what they do – to become reflective practitioners.

A new collaborative venture between Theatre, Film & Television students and Electronics & Electrical Engineering students provides both sets of students with a better understanding of the film-making process. They are working together using high-definition video cameras and the latest production equipment to produce short fictional and documentary films. The collaboration, the first of its kind in Scotland, recognises that there is no longer a clear division between the technicians and the artists and that both need to know about the other side of film making early on. The films have been exhibited at various film festivals around the country.



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Extending our global reach

Our work benefits culture, society and the economy worldwide.

We have continued to build our portfolio of high-quality collaborative programmes with a range of strategic partners.

- A double Masters degree in Accountancy & Finance was agreed between the University and the Finance Academy, Moscow, under the Government of the Russian Federation. The Collaborative Agreement will allow students to begin their studies at the Finance Academy before moving to Glasgow to complete the two-year degree. It is the second such agreement between the University and a Russian institution following on from a similar agreement with St Petersburg State University.
- A partnership agreement with Santander Universities provides scholarships for Iberian and Latin American postgraduate students interested in completing a Masters degree at Glasgow. The agreement provides a minimum of four scholarships for students coming to Glasgow from institutions within the 11 countries of the Grupo Santander Network – Argentina, Brazil, Chile, Colombia, Mexico, Portugal, Peru, Puerto Rico, Spain, Uruguay and Venezuela.
- Twenty-six civil service trainees from Romania were welcomed to the University in January 2010 to start a one-year bespoke Masters programme in Public Policy & Management. Funded by the Romanian Government's Scholar Young Professionals scheme, the specially designed programme aims to provide the future graduates with the skills and knowledge to make an effective contribution to the formation and evaluation of public policy.
- Principal Muscatelli visited Peking University in March to sign a landmark agreement that allows students from the Chinese university to study at Glasgow via a China Scholarships Council (CSC) agreement. The CSC programme allows a quota of Chinese PhD students to study at the University on a tuition fee waiver for up to four years in the fields of science and technology, broadening Glasgow's cultural and educational connections in the country. Glasgow already holds a similar agreement with six other 'partner universities' in China which help to promote the student exchanges and facilitate international collaborative research: Huazhong University of Science and Technology, Nankai University, Sichuan University, Sun Yat-Sen University, Tianjin University and Xian Jiaotong University.
- MoUs were also signed between Glasgow and the Indian Institute of Science Education Research in Pune and the Indian Institute of Technology in Ropar which will see the institutions work together to develop teaching and research links. Both agreements will see efforts to develop exchange opportunities for staff and students, and collaborative research projects, as well as looking at opportunities to develop joint degree programmes.

In the course of the year, the University signed a number of Memorandums of Understanding (MoUs) with institutions around the world to develop closer educational links.

- This includes MoUs with the Azerbaijan Diplomatic Academy and the Kazakhstan Institute of Management, Economics & Strategic Research that gives students at Glasgow the opportunity to study at these institutions as part of their International Masters in Russian, Central & East European Studies. It will also provide a foundation for future collaboration in research and PhD training and exchange, and both institutions have also expressed an interest in sending their own postgraduate students to Glasgow in future as part of a reciprocal arrangement.

Over 200 international staff and students at the University celebrated St Andrew's Day by creating a new world record for the number of different languages singing the same song simultaneously. 'Auld Lang Syne', one of Scotland's best-loved and most international compositions, was performed in a total of 41 different languages as a celebration of the University's multicultural make-up and to mark the end of the Hunterian Museum's successful Homecoming Burns exhibition.

Scotland's special relationship with Rwanda was cemented at the end of 2009 when the Rwanda Scotland Alliance was launched at the University. The alliance has been formed to bring together the wide network of Scottish educational institutes, individuals, NGOs, churches, businesses, and cultural and civil organisations which have an interest in seeing the East African country flourish. The launch came just ten days after Rwanda was accepted into the Commonwealth, and was organised by the University's Glasgow Centre for International Development.

Honorary degrees

The University conferred 19 honorary degrees during 2009-10.

Doctor of Divinity

Most Reverend Mario Conti

Archbishop of Glasgow

Reverend Kathryn Johnston Galloway

Leader of the Iona Community

Doctor of Laws

Baroness Onora O'Neill

Chair of the Nuffield Foundation and the British Philosophical Association, and President of the British Academy

Advocate General Eleanor Sharpston

QC and British Advocate General to the European Court of Justice

Doctor of Letters

Professor Anthony Jones

President of the School of the Art Institute, Chicago, USA

Professor Dr Munawar Mirza

Vice-Chancellor of the University of Education, Lahore

Doctor of Science

Professor Alain Aspect

L'Institut d'Optique, France

Professor Zhihe Rao

President of Nankai University, China

Dr David Stirling

Chief Executive Officer, BioTheryX, USA

Dr Andrew Dawson Taylor

Director ISIS, ISIS Facility

Doctor of the University

Dr Imam Muhammad Ashafa

Muslim-Christian Dialogue Forum, Nigeria

Professor Sir Drummond Bone

Former Vice-Chancellor of Liverpool University

Derek Boyd

Chief Executive Officer, National Microelectronics Institute

Charan Gill

Businessman

Donalda McComb

Head teacher, Glasgow Gaelic School

Dr Heather Reid OBE

Weather presenter

Onsi Sawiris

Egyptian businessman and philanthropist, founder of the Sawiris Foundation for Social Development

Joy Travers

Former Chancellor's Assessor

Pastor James Wuye

Muslim-Christian Dialogue Forum, Nigeria



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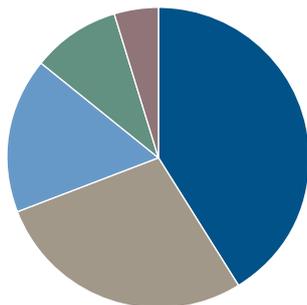
1: Derek Boyd
 2: Donalda McComb
 3: Professor Zihe Rao
 4: Professor Anthony Jones
 5: Advocate General Eleanor Sharpston
 6: Dr Heather Reid OBE



Key facts and figures

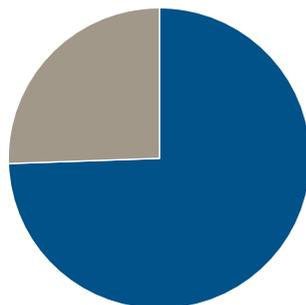
	2009-10 £000	2008-09 £000
Income		
Funding body grants	158,696	156,248
Tuition fees and education contracts	83,441	75,654
Research grants and contracts	129,163	126,022
Other income	62,645	56,616
Endowment and investment income	5,526	6,612
Total income	439,471	421,152
Expenditure		
Staff costs	243,048	235,720
Other operating expenses	164,741	161,157
Depreciation	22,180	17,065
Interest and other finance costs	2,200	1,913
Total expenditure	432,169	415,855
Surplus after depreciation of tangible fixed assets at valuation and before exceptional items	7,302	5,297
Exceptional items: continuing operations		
Surplus on disposal of land and buildings	–	225
Surplus on continuing operations after depreciation of assets at valuation and disposal of fixed assets	7,302	5,522
Deficit/(surplus) for the year transferred to accumulated income in endowment funds	9	(940)
Surplus for the year retained within general reserves	7,311	4,582
All items of income and expenditure arise from continuing operations.		
Consolidated statement of historical cost surpluses		
Surplus for the year retained within general reserves	7,311	4,582
Difference between historical cost depreciation and the actual charge for the period calculated on the revalued amount	3,638	3,745
Historical cost surplus for the year	10,949	8,327

Number of staff 2009-10



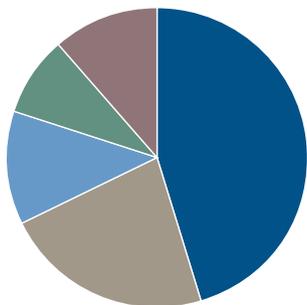
- Research & Teaching staff: 2,601 (41.2%)
 - Management, Professional & Administrative staff: 1,774 (28.1%)
 - Operational staff: 1,052 (16.7%)
 - Technical & Related staff: 599 (9.5%)
 - Clinical staff: 286 (4.5%)
- Total: 6,312

Student numbers 2009-10



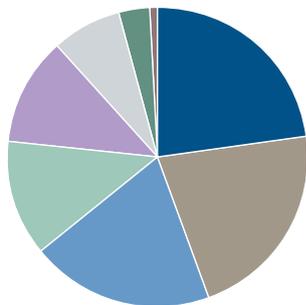
- Undergraduates: 16,615 (74.5%)
 - Postgraduates: 5,691 (25.5%)
- Total: 22,306

Home residence of full-time students 2009-10



- Within 30 miles of Glasgow: 45.5%
- Other Scotland: 22.4%
- Other UK: 12.2%
- Other EU: 8.6%
- Outwith EU: 11.3%

Students by faculty 2009-10



- Sciences (three faculties): 23%
- Arts: 21.6%
- Law, Business & Social Sciences: 19.6%
- Medicine: 12.6%
- Education: 11.6%
- Engineering: 7.6%
- Veterinary Science: 3.2%
- Dumfries Campus: 0.8%

Senior Officers 2009-10

Chancellor

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

Principal and Vice-Chancellor

(From 1 October 2009) Professor Anton Muscatelli
MA, PhD, FRSE, AcSS

Chancellor's Assessor

Mrs Joy Travers LLB, CA, ATII

Secretary of Court

Mr David Newall BA, CPFA

Clerk of Senate

Professor Graham Caie
MA, PhD, FRSE, FEA, FRSA

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.

