



Annual Report 2012

Brief overview



UNIVERSITY OF
CAMBRIDGE

Full report:
www.cam.ac.uk/annual-report

Introduction

This brief document provides just a flavour of the University of Cambridge Annual Report 2012. The version published online at www.cam.ac.uk/annual-report contains the full report and accounts; detailed versions of the four case studies highlighted here; supplementary dynamic content and information on University events and achievements throughout the year.

Vice-Chancellor's Foreword

Serving society through innovation

New ideas are crucial, not just to address the current economic situation, but to also ensure our future wellbeing, security and prosperity.

In this Annual Report, we highlight how innovation taking place in Cambridge's laboratories and libraries addresses urgent problems facing many communities, including: preventing floods in coastal communities, using mobile communications to facilitate citizen-led governance, reducing carbon emissions in schools and supporting growth in new companies.

Our biggest contribution comes from the fundamental ideas and discoveries that can lead to disruptive innovations and technologies. The key to that contribution is our academic excellence and autonomy. It requires the highest international levels of teaching and research, the freedom to investigate and test a range of solutions, and the opportunity to form long-lasting partnerships.

It is through investment in these principles, and our commitment to them, that Cambridge can provide a dynamic environment for innovation on a global scale, and can truly serve society.



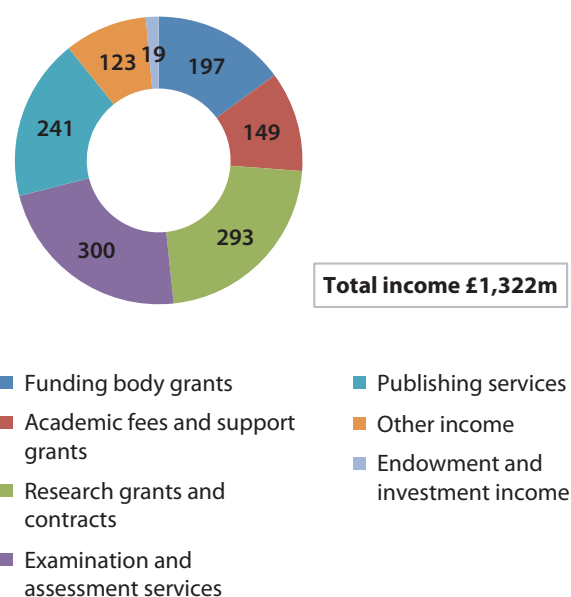
L K Borysiewicz

Professor Sir Leszek Borysiewicz
Vice-Chancellor

Financial highlights for the year ended 31 July 2012

The University's audited financial statements for the year ended 31 July 2012 were published in the Cambridge University Reporter on 11 December 2012. [www.admin.cam.ac.uk/reporter/2012-13/weekly/6289]. The following analyses, extracted from those financial statements and the accompanying financial review, summarise the University's sources of income and the factors affecting net assets.

Group income £m – year ended 31 July 2012



Group net assets at 31 July 2012 £2,641m

The University's group financial operating performance was slightly ahead of break-even, and a small surplus (in relation to the University's size) was retained in general reserves for future investment. Operating cash flows were strong and additional capital inflows, investment performance, and operating surplus, offset by worsening pension deficits, resulted in a small gain in net assets over the year.

The following offers a brief glimpse of four case studies that illustrate innovation in action at Cambridge. To view the full versions please visit www.cam.ac.uk/annual-report

Designing for life

Architecture is grappling with every eventuality of human life. It affects your home, your workplace, the urban layout, which, in turn, influences the way you interact with others. With its innovative design research studio and long-term research projects, the Department of Architecture is involved in everything from urban conflict to natural disaster recovery. The Department celebrated its Centenary in 2012, continues to flourish and is tackling major new challenges for today's society.

“Our students are constantly researching and testing new ideas. We teach them to explore by using design as a vehicle to develop new solutions, implementing spatial propositions and simulating infrastructure, building or community responses,” says Koen Steemers, Professor of Sustainable Design and Head of the Department.

The state of nations

Politics and international relations are so interwoven that it is impossible to study one without also studying the other, for instance: revolutionary movements in the Middle East, the crisis in the Eurozone, and the influence of emerging world powers such as China, India and Brazil. The Department of Politics and International Studies (POLIS) harnesses the University's long-standing tradition of excellence in political thought and postgraduate International Studies to explore the global issues that are both dividing nations and bringing them together. A striking new building, together with the exciting new Masters in Public Policy have POLIS on track to become one of the best departments of its kind in the country.

“Teaching is central to the ethos of POLIS. “We have an incredibly strong generation of young scholars in POLIS who are exceptional both as teachers and researchers,” says Christopher Hill, Sir Patrick Sheehy Professor of International Relations and the Head of the Department.

It's all about partnerships

By experimenting with different ways of doing things, the Faculty of Education is committed to improving the quality of learning and excellence in research. The Faculty has a reputation for providing the best Initial Teacher Education in the country in its preparation of future teachers for the primary and secondary school sector. It is also ranked as having the leading BA in Education course in the country.

“One of our great strengths is the quality of the partnership relationships we have with schools,” explains Peter Gronn, Professor of Education and Head of Faculty. “We work with around 250 schools, the vast majority of which are in the state sector.”

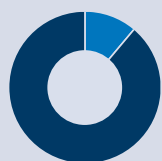
BlueGnome

The biggest cause of IVF failure is whole chromosome imbalance. BlueGnome technology allows IVF clinics to count the chromosomes within a single cell in 12 hours, which makes it possible to identify those embryos with the best chance of developing into healthy pregnancies and live births. This invention has been shown to increase IVF success rates by 65% when compared to current methods.

“A life sciences company, founded by a former Cambridge PhD student, Dr Nick Haan, BlueGnome was initially supported by the University's Challenge Fund, managed by Cambridge Enterprise, and acquired in 2012 by US-based Illumina. “I think the key to our success has been to take the know-how from the University and immediately put it on a commercial footing,” says Dr Haan.

Charting progress

Admission Statistics



Full-time undergraduate students 2011

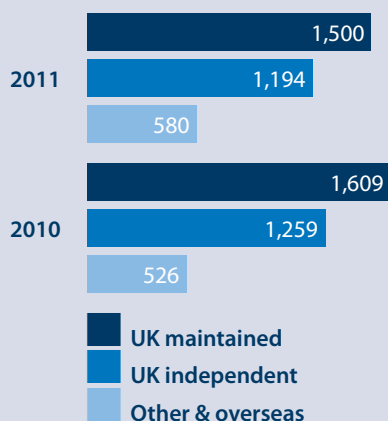
Home (including EU and Islands)	3,365
Overseas	419



Full-time postgraduate students 2011

Home (including EU and Islands)	2,162
Overseas	1,492

Undergraduate acceptances by type of school/college by year of entry or deferred entry for the following year



Information provided by the Cambridge Student Statistics Office, Cambridge Admissions Office and Equality and Diversity.

Staff Equality and Diversity

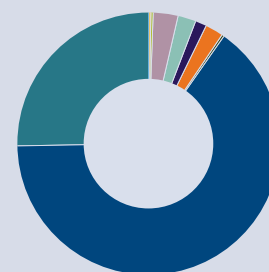
Staff group by gender

	Academic	Academic Related	Assistant	Research
Male	1,208	704	1,252	1,719
Female	442	714	2,078	1,417
Total	1,650	1,418	3,330	3,136

(July 2012)

Staff ethnicity overall

Staff ethnicity percentages given are for staff with a known disclosed ethnic background.



Ethnicity	Number	%
Bangladeshi	11	0.1%
Black African	29	0.4%
Black Caribbean	19	0.2%
Chinese	235	3.0%
Indian	166	2.1%
Mixed	107	1.4%
Non-White - Other	189	2.4%
Pakistani	26	0.3%
White - British	5,081	64.9%
White - Other	1,971	25.2%
Not Known*	1,700	
Total	9,534	

*Currently, the University of Cambridge does not hold ethnicity information for 17.8% of all staff.

(July 2012)

For further information contact:

The University of Cambridge
Office of External Affairs and Communications
Tel: +44(0)1223 332300
Fax: +44(0)1223 330262
Email: communications@admin.cam.ac.uk
www.admin.cam.ac.uk/offices/communications

Please contact the Office of External Affairs and Communications if you are unable to view the full report online and wish to receive it in hard copy format.

Front cover image:

"We all fall over sometimes"

A coloured version of an SEM image of submicron polymer pillars fabricated using lithographic process. Transfer of vertically aligned carbon nanotube forests on top of these pillars allows their further exploitation as hierarchical nano-structures to mimic super adhesive properties of the gecko-foot.

Photographer: Pola Goldberg Oppenhiemer, Department of Engineering



UNIVERSITY OF
CAMBRIDGE