

The University continued to address environmental issues seriously in 2007/08.

Since the University adopted its environmental policy in 2003, it has reduced carbon dioxide emissions by 24 per cent, water use by 35 per cent and waste-to-landfill by 59 per cent (its targets were 20 per cent, 20 per cent and 60 per cent respectively, all by 2010). The University has also met 20 of its 24 environmental objectives. In the light of these achievements, it is currently reviewing its environmental policy to set new objectives and targets to be adopted from 2009.

Helping to combat climate change is high on the University's agenda.

The University invests over £300,000 in energy- and water-saving initiatives each year, including lighting and heating controls, insulation and low-energy computer equipment. All new buildings are designed to high environmental standards, aimed at reducing energy consumption and construction waste, increasing biodiversity and providing sustainable transport facilities.

Following the installation of two energy-efficient combined heat and power units at the University early in 2007 (saving 1,500 tonnes of carbon dioxide a year), there are plans to develop two state-of-the-art energy centres that will cut carbon emissions further. The centres will house ultra-modern 'tri-generation' units. These will not only create electricity and permit heat from the generators to be recovered, but will also allow chilled water to be produced through a heat

conversion system. This means that environmental benefits will be available all year round, whether the demand is for warmth or for cooling.

In addition, in May, the University joined phase four of the Carbon Trust's Higher Education Carbon

Management programme. One of the aims of this programme is actively to engage with staff and students in finding innovative ways of saving carbon/energy. Among the projects being undertaken is the replacement of existing computer equipment with low-energy information technology commonly known as green ICT.

In waste management, 19 different types of material are recycled, including paper, cans, glass, computer equipment, fluorescent tubes and fridges. New systems for handling hazardous wastes have been introduced to comply with legislation and help reduce the University's environmental impact.

The University has had a successful travel plan since 2001, which includes a web-based car-sharing facility, a free bus service, cycle storage and interest-free loans for season tickets. This year has seen a reduction in travel-to-work car journeys to an all-time low of 21 per cent of all journeys.

The University's environmental initiatives have not gone unnoticed: the Energy and Environmental Management Unit, in collaboration with six academic departments, won the Outstanding Contribution to Sustainable Development award in the prestigious 2007 Times Higher Awards. This complements the Green Gown Award received earlier in 2007 for sustainable development teaching. The University was also highly commended in the National Energy Efficiency Awards 2007 for its work in reducing energy use in air conditioning.

Dr Philip Campbell, Doctor of Science

Mr Peter Clarke, CVO, OBE, QPM, Doctor of Laws

Dr Clifford Cocks, CB, Doctor of Science

Professor John Collinge, FRS, Doctor of Science

Ms Penny Dobson, Doctor of Science

Mr Jonathan Evans, Doctor of Laws

Mr Peter Head, OBE, Doctor of Engineering

Professor Sir Brian Hoskins, FRS, Doctor of Science

Professor Peter Marshall, FBA, Doctor of Letters

Ms Vicky O'Dea, Doctor of Laws

Mr Tim Pigott-Smith, Doctor of Letters

Dr Surin Pitsuwan, Doctor of Laws

Dr Debby Reynolds, Doctor of Science

The Right Honourable the Lord Hunt of Wirral, MBE, Doctor of Laws

Mr Alastair Stewart, OBE, Doctor of Laws

Mr Tim Thom, Doctor of Laws

environment

honorary degrees

Since Bristol's charter was granted in 1909, the support of philanthropists, alumni, friends, companies and trusts has helped raise the University's teaching and research to the highest levels. Such generosity means that Bristol is better equipped to support fully the aspirations of its students and academics.

In anticipation of the University's centenary in 2009, the Centenary Campaign has already raised over £36 million towards its target of £100 million. The Campaign will have a transformational effect and aspires to bring lasting benefits to the global community, to secure the University's position at the forefront of international research and to give its students and staff the best opportunities.

Bristol's alumni and friends continued to demonstrate their commitment to the University with ever more generous donations in 2007/08:

- £7 million was raised across all University activities: of this, Bristol academics raised £2 million; Campaigns and Alumni Relations, working with academic and other colleagues, raised close to £5 million.
- 5,007 individuals, companies and trusts made gifts.
- The Alumni Fund raised over £675,000 for more than 100 projects across the University.
- The Bristol Pioneers (donors giving £1,000+ in an academic year) reached 205 members, contributing close to £847,000 this year alone.

2007/08 Bristol Pioneers: £25,000+

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Dr John M Davis
Mr Raymond P E Duignan
Mrs Janet Hulme – The Hadley Trust
Mr Philip W Hulme – The Hadley Trust
Mr Justice Henry Litton
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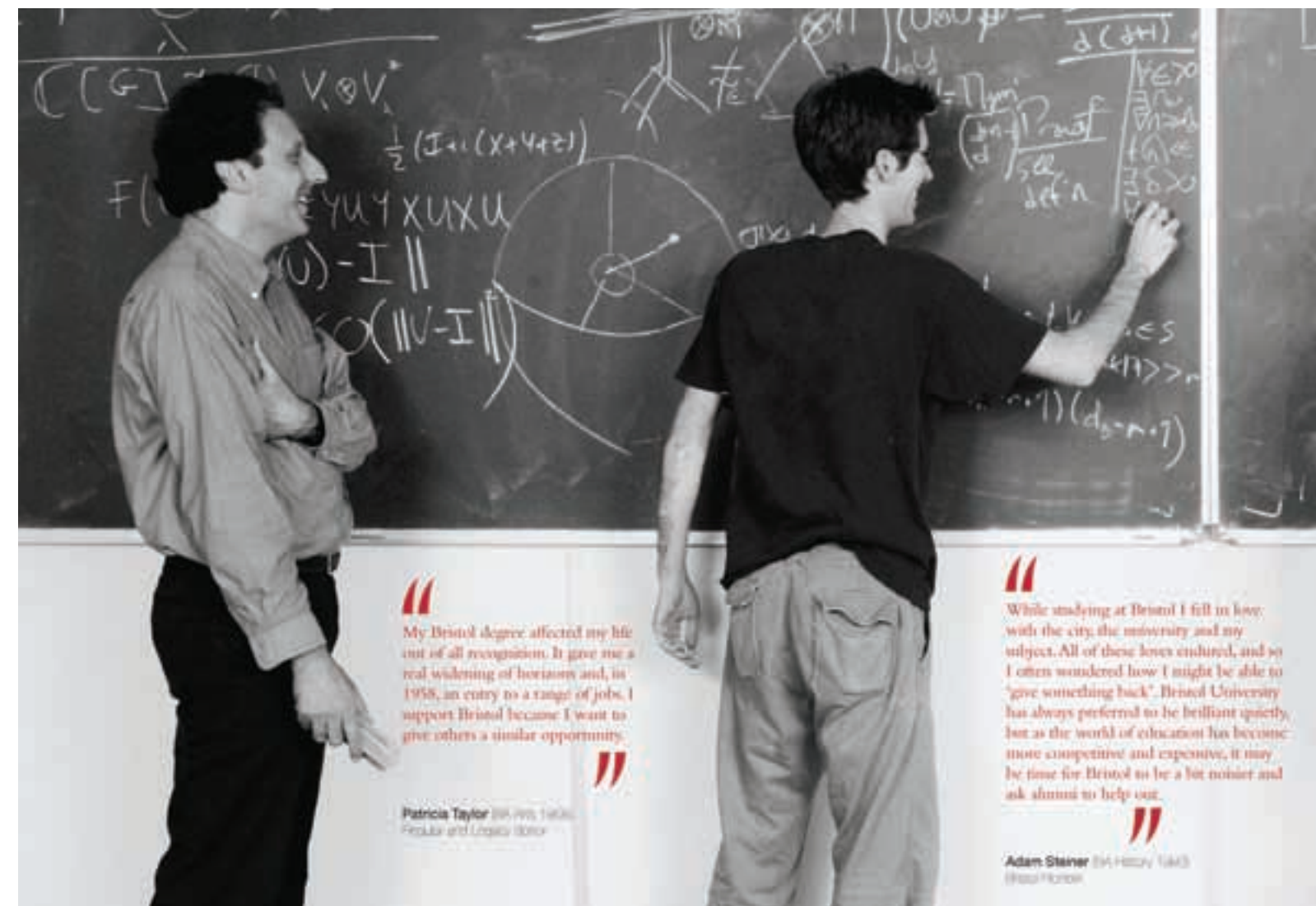
A further 12 Pioneers wish to remain anonymous.

We are grateful to the following organisations, which have made significant contributions to the University in the past year:

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The Loke Wan Tho Memorial Foundation
The Marjorie Coote Animal Charity Fund
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Below: Members of Bristol's Quantum Information Group, Professor Noah Linden (left) and Dr Aram Harrow from the Department of Mathematics



“My Bristol degree affected my life out of all recognition. It gave me a real widening of horizons and, in 1958, an entry to a range of jobs. I support Bristol because I want to give others a similar opportunity.”

Patricia Taylor BSc PhD FRCGS
FRCR and Legals Editor

“While studying at Bristol I fell in love with the city, the university and my subject. All of these have endured, and so I often wondered how I might be able to ‘give something back’. Bristol University has always preferred to be brilliant quietly, but as the world of education has become more competitive and expensive, it may be time for Bristol to be a bit noisier and ask alumni to help out.”

Adam Steiner BA Honsy (UK)
BSc Physics

The University plans to invest more than £350 million in buildings and facilities over the next few years to support research, teaching and learning of the highest quality.

Projects completed during 2007/08

A High Performance Computing (HPC) machine room was provided in the Merchant Venturers Building and an HPC machine installed in the Physics tank room in May 2008 at a cost of £7 million.

Projects due to be completed in 2008/09

The £11.5-million **Nanoscience and Quantum Information Building** located in Tyndall Avenue is due for completion in 2008.

The refurbishment of the fifth floor of **Senate House**, at a cost of £5.4 million, is due to be completed in 2009.

The £4-million **Centre for Life Course and Genetic Epidemiology**, designed to create new teaching

and research space for the Department of Social Medicine at Canynge Hall, is due for completion in 2008.

Work continues on the infrastructure for the proposed **Mathematics and Biological Sciences** buildings on the old Children's Hospital site.

A £3.8-million **Animal Welfare and Behaviour Building** in Langford, to include offices, seminar rooms, video-editing and video-conferencing rooms, is due for completion in 2008.

A £4-million entranceway for the **Social Sciences complex** is due for completion in 2009.

The **Arts Faculty** is to gain from the refurbishment of the basement of 19 Woodland Road to provide two additional classrooms and archive storage space, while a two-storey extension will provide a Multimedia Centre. The combined project cost is £2.8 million and the work is due for completion in 2009.

Long-term future developments

University Council has given its formal approval to the following projects, which are at various stages of detailed planning:

- two new buildings for **Mathematics and Biological Sciences**
- a major refurbishment programme to provide new research facilities for **Physics**
- the expansion of the **Advanced Composites Centre for Innovation and Science**
- the final stages in the refurbishment of **35 Berkeley Square**, providing new facilities for the Graduate School of Education
- the redevelopment of the **Drama Department**
- the first phase of development of **Langford Veterinary Surgery**.

Artist's impression of the Nanoscience and Quantum Information Building

statistics

Up-to-date figures on staff and student numbers, graduate destinations and other matters can be found online at www.bristol.ac.uk/university/facts

members of Council 2007/08

Lay members (19)

Dr Tim Thom – Treasurer
 Cllr Terry Cook – Bristol City Council
 Mr Denis Burn – Society of Merchant Venturers
 Dr Stuart Goldsmith – Convocation

Elected by Court

Mrs Alison Bernays (Vice-Chairman)
 Mr John Bramhall
 Mr Chris Curling
 Mr Robert Dufton
 Mr Jim Foulds (Chairman)
 Mr Colin Green
 Mrs Dinah Moore
 Mr Bob Morton
 Mr George Morton
 Mr David Ord
 Mrs Cindy Peck
 Mr Tim Ross
 Mr Tim Stevenson
 Mr James Wadsworth
 Mrs Cathy Waithe

University members (10)

Professor Eric Thomas – Vice-Chancellor
 Professor David Clarke – Pro Vice-Chancellor
 Professor Selby Knox – Pro Vice-Chancellor
 Professor Avril Waterman-Pearson – Pro Vice-Chancellor

Appointed by Senate

Mr John Bailey
 Professor Rosemary Deem
 Professor Len Hall
 Dr Stephen Lyne

Elected members of the non-academic staff

Mr Robert Massie
 Mr Tony Macdonald

Students (3)

Mr Tobin Webb – President of the Students' Union
 Ms Hannah Issacs – Vice-President of the Students' Union
 Ms Sundas Ali – President of the Postgraduate Union

credits

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 Jason Ingram

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