



People and Events

Charlotte Watts chats to passers-by on London's South Bank as she discusses her HIV research during the Soapbox Science event.



WOMEN IN SCIENCE

The School reinforced its commitment to women in science by signing up, in March 2011, to the Athena SWAN Charter, which recognizes and celebrates good employment practice for women working in science, engineering and technology in higher education and research. A few months later Charlotte Watts (Professor of Social and Mathematical Epidemiology) helped raise the profile of women in science by standing on a soap box in central London, taking science to the streets and showing why science is not just 'a job for the boys'. Her chosen topic for the Soapbox Science event (organized by the Zoological Society of London and L'Oréal-UNESCO For Women in Science programme) on the South Bank was 'Sex and mathematics: unlikely bedfellows in HIV research?'. Stripping away the jargon, Charlotte discussed condoms and circumcision, treatments and calculations as she spoke to passers-by about ways to overcome the HIV epidemic and the rewards of a career in science.

MIGRATION AND HEALTH

If internal and international migrants comprised a nation, that nation would be the third most populous country in the world, just after China and India. Yet policies to protect migrants and to promote global health priorities have suffered from inadequate policy attention and poor co-ordination between nations, according to Cathy Zimmerman, Ligia Kiss and Mazedza Hossain (Department of Global Health and Development). In a series on migration and health in *PLoS Medicine*¹, which they guest-edited, the researchers set out a new framework that describes migration as a multi-staged process involving numerous health risks and intervention opportunities. The series was unveiled at a special event at the School in May 2011, introduced by Peter Piot (LSHTM Director).

RESEARCH NETWORK FOR HEALTH SYSTEMS AND INFECTION

The Research Network for Health Systems and Infection was set up at the School in May 2011 with the goal of helping all countries control infectious diseases. Instead of focusing on specific illnesses, the network concentrates specifically on improving health-care delivery systems. The launch event 'Microscope to Telescope' featured talks by internationally renowned speakers including Peter Piot, Anne Mills (Professor of Health Economics and Policy) and David Heymann (Professor of Infectious Diseases Epidemiology) on topics that included health systems and communicable disease control: 'from the national to the international'; 'getting past the vertical and the horizontal in a new era of communicable disease control'; and the economics of communicable disease control.

CENTRE FOR STATISTICAL METHODOLOGY

More than 60 years after Sir Austin Bradford Hill – the 'father of medical statistics' – completed his pioneering work at the School, the Centre for Statistical Methodology was launched in April 2011. The Centre brings together staff with statistical and methodological expertise from across the School to collaborate, support and undertake research with those involved in clinical trials, epidemiology, sociology, health economics and all other disciplines related to public health. To mark the launch, renowned statistician and pioneer of important contributions such as the proportional hazards model and the Cox process, Professor Sir David Cox (Nuffield College, Oxford) delivered an entertaining and informative talk on current and potential issues for medical statistics.

¹ Zimmerman C, Kiss L, Hossain M. Migration and health: a framework for 21st century policy-making. *PLoS Med* 2011 8(5): e1001034. doi:10.1371/journal.pmed.1001034

HEALTH CARE IN INDIA

Vikram Patel (Professor of International Mental Health) led the call for a truly universal healthcare system in India by 2020 at the UK launch of an important new series on health in India of which he was both one of the editors and lead authors. At a time when India is experiencing record growth, its health care and public health systems are completely inadequate to address the needs of its population. In a series of papers in *The Lancet*, Vikram and other experts detailed the problems faced by India's health care system and called on the country to establish a truly universal health care system by 2020, with a detailed plan for the future. In the final paper², all the series authors made a combined call for India to create an integrated national health system, with three key goals: (i) ensuring the reach and quality of health services to all Indians; (ii) reducing the financial burden of healthcare on individuals; and (iii) empowering people to take care of their health. They call for an increase in public spending on health to 6% of GDP and a reduction of the proportion of out-of-pocket spending to 20% of the total health expenditure by 2020.

SOUTH ASIA CENTRE FOR DISABILITY

The South Asia Centre for Disability Inclusive Development and Research (SACDIR) was formally launched at Hyderabad in India in October 2010. The Centre is run by the Public Health Foundation of India, in collaboration with the School through the International Centre for Eye Health. The launch was followed by a short course on Public Health Planning for Hearing Impairment which was attended by forty professionals from India, Bangladesh, The Maldives, Sri Lanka, Nepal and Nigeria. The chief guest at the formal launch was Mr Javed Abidi who is physically challenged and uses a wheelchair. He is a prominent activist for the rights of people with disabilities. A classical concert was given by a visually-impaired woman who, along with her husband, father and two-year-old daughter, met Dr PV Ramesh, the Principal Secretary (Health), Government of Andhra Pradesh.

POINT-OF-CARE TESTS

Two meetings were organized by staff from the Department of Clinical Research, in collaboration with the WHO Regional Offices for the Americas and



Visually impaired musician Mrs Bandlamudi Vasantha Subbalakshmi, is congratulated by Dr PV Ramesh, the Principal Secretary (Health), Government of Andhra Pradesh, at the launch of the South Asia Centre for Disability.

² Reddy KS, Patel V, Jha P, Paul VK, Kumar AK, Dandona L. Towards achievement of universal health care in India by 2020: a call to action. *Lancet*. 2011 Feb 26;377(9767):760-8.



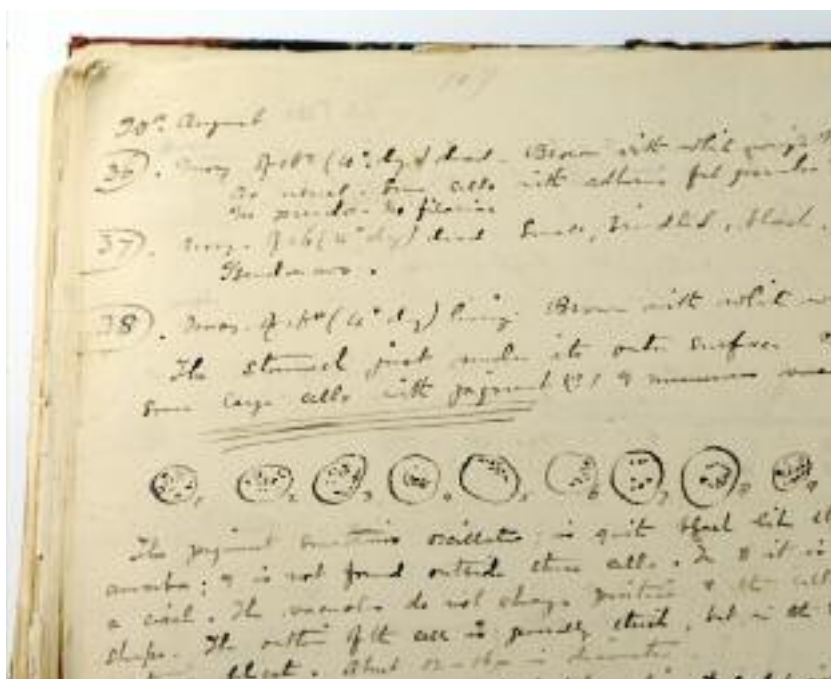
Right Participants at the Lima meeting on POCTs organized by the Department of Clinical Research in collaboration with the WHO Regional Offices for the Americas and their collaborators in Peru. Attendees included representatives from Ministries of Health, HIV/STD and maternal and child health programmes, laboratories and institutes from 17 countries in Latin America, as well as staff from PAHO, UNICEF, WHO and the School.

Below right Sir Ronald Ross' notebook, held by the School's Archives Service, showing the entry for 20 August 1897. Here he records his discovery of malarial parasites in the stomach tissue of an Anopheline mosquito fed four days previously on a malarious patient, thus leading to the proof of the role of Anopheles mosquitoes in the transmission of malaria parasites in humans.

Africa and collaborators in Peru and Tanzania, to discuss the elimination of mother-to-child transmission of HIV and syphilis through enhanced antenatal services, focusing on the use of point-of-care tests (POCTs). The first was held in Lima, Peru in November 2010, hosted by the Universidad Peruana Cayetano Heredia. The second was held in Dar es Salaam, Tanzania in June 2011, hosted by the Ministry of Health and the National Institute for Medical Research. As a result of these meetings, a number of countries in both regions now recommend the use of POCTs in antenatal clinics (see also page 22).

WORLD MALARIA DAY

The Malaria Centre showcased the School's heritage and expertise in malaria research during a special media briefing held for World Malaria Day in April 2011. Held in the Library, with displays from the School's extensive archives, the event highlighted the links between the School's foundation in 1899 by Sir Patrick Manson (who first hypothesized about the role of mosquitoes in the spread of disease, and paved the way for Sir Ronald Ross to prove that malaria is spread by mosquitoes) to its current position as home to the largest number of malaria researchers, students and support staff in Europe. Malaria Centre Director Chris Drakeley (Department of Immunology and Infection) described efforts to eliminate malaria and the challenges posed; Brian Greenwood (Manson Professor of Clinical Tropical Medicine) focused on a new approach to



controlling malaria in children; David Schellenberg (Professor of Malaria and International Health) described the latest innovations in diagnosing malaria; and Alexandra Hyde (Department of Clinical Research) and Lucy Paintain (Department of Disease Control) from the Mobilize Against Malaria programme, discussed work being carried out in Ghana to help increase people's access to life-saving medicines. The event also premiered a film about the charity Malaria No More UK in the presence of the charity's director Sarah Kline.



A red ribbon, the symbol of AIDS awareness. June 2011 marked the 30th anniversary of the first reports of AIDS.

WORLD AIDS DAY

The need to recognize that AIDS will be with us for decades to come was highlighted by experts from the School throughout the year. With World AIDS Day in December 2010 and the 30th anniversary in June 2011 of the first reported cases of AIDS, a number of activities took place including the publication of a book by the aids2031[®] Consortium³ and a lively panel discussion moderated by the Consortium's director Heidi Larson (Senior Lecturer, Department of Infectious Disease Epidemiology). Peter Piot (LSHTM Director) meanwhile joined a number of staff from the School at the 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention (IAS 2011) in Rome, in July 2011. Presenting his views on 'AIDS: the need for a long-term view' to the conference, he called for HIV/AIDS to stay high on the political agenda during challenging and dangerous times for funding.

GLOBAL HANDWASHING DAY

After conducting a survey to mark Global Handwashing Day in October 2010, experts from the School's Hygiene Centre warned that toilets in British schools should be improved to avoid a rise in the number of children missing school because of illness. The Centre co-ordinates the UK global handwashing day campaign, which is part of an annual, global initiative which seeks to promote handwashing with soap – the most effective and cheap way of preventing

diarrhoeal and acute respiratory infections which, in combination, cause the majority of child deaths, killing millions in developing countries each year. Val Curtis (Reader in Hygiene) said: "There's a strong economic case for investing in good handwashing facilities in our schools. Britain's twelve million cases of norovirus, gastroenteritis, MRSA, *Escherichia coli* and influenza infections are mainly down to dirty hands. Our children deserve better than to be exposed to avoidable illnesses because we are not doing enough to provide safe, clean toilets in our schools."

DECADE OF VACCINES

In June 2011 the School played host to the launch of a Lancet series on vaccines⁴. Exploring every aspect of vaccines and the challenges of ensuring they reach the poorest communities, the Decade of Vaccines brought together a range of expertise, with a number of researchers from the School contributing to papers and comments.

One of the best investments in health, immunization saves millions of lives around the world, guarding against killer diseases including polio and measles and enabling the eradication of smallpox. Scientists are now developing new vaccines against infectious diseases and fresh momentum was provided in December 2010 when global health leaders committed to making the next 10 years the Decade of Vaccines to ensure

discovery, development and delivery of vaccines worldwide, especially to the poorest countries. But the future holds a number of challenges and the series highlighted developments expected over the coming decade, such as issues surrounding production, distribution, access and uptake; future financing and funding gaps as new vaccines emerge; and the need for greater understanding of the psychological, social and political factors which affect public trust in vaccines and uptake.

The Global Handwashing Day characters make friends with children in London's West End as part of the 2010 campaign.



³ The aids2031 Consortium. *AIDS: Taking a Long-Term View*. London: FT Press, 2010. ISBN-10: 0-13-217259-3. As an e-book: ISBN-10: 0-13-261414-6.

⁴ www.thelancet.com/series/new-decade-of-vaccines



Brian Greenwood CBE FRS
(Manson Professor of Clinical Tropical Medicine).

The launch followed a special panel discussion held at the School in April, 'New Opportunities in a New Era', with a focus on new vaccines being rolled out in developing countries and the new resources needed to deliver them. Chaired by the School's Director, Peter Piot, the panel of eminent experts included Brian Greenwood (Manson Professor of Clinical Tropical Medicine) – who also gave the Shepard Lecture to the Centers for Disease Control in Atlanta this year on vaccination and global health – Heidi Larson (Department of Infectious Disease Epidemiology), Helen Rees (Honorary Professor and Executive Director, Wits Reproductive Health and HIV Institute, University of Witwatersand, South Africa), Rachel Turner (Director, International Finance Division, DFID) and Simon Wright (Head of Health & HIV, Save the Children UK).

fruit trees, bamboos and a banana plant, a rockery, herbs in pots, wall climbers and a vegetable bed which has already supplied squash, tomatoes and runner beans, with sweetcorn to come.

ALUMNI ASSOCIATION

In 2010 the School won a Pilot Project Award under the scheme run by the UK Council for International Student Affairs with funding from the Prime Minister's Initiative for International Education. The project: 'Preparing international students for the British higher education experience: the role of Regional Alumni Hubs' was designed to brief international students coming to UK by arranging links with alumni in their own countries before departure. Volunteer Alumni Ambassadors were appointed in Nigeria, Kenya and

COURTYARD GARDEN AT TAVISTOCK PLACE

The gravelled courtyard of 15-17 Tavistock Place, home to the Faculty of Public Health and Policy, has been transformed by the creation of a garden, designed by Faculty staff and students and built and maintained by volunteers. This involved building ten raised beds and importing 30 tons of soil. The planting has been designed to provide year-round interest, plenty of sitting space amongst the planted areas, and to enhance the views from the windows overlooking the courtyard. Tall silver birches provide height at one end, there are



Right The newly created courtyard garden at Tavistock Place.

Above right Caroline Fernyhough, Sarah Willis and Nick Black who (with Chris Grundy) designed and organized the creation of the garden.





Alumni at the reception in Toronto during the IHEA World Congress.

India and, together with students offered places at the School, were invited to attend a panel discussion, followed by an alumni event in each country. The meetings, held in Abuja, New Delhi and Nairobi, allowed the Alumni Ambassadors and new students to exchange information and concerns, and for the Ambassadors to share experiences and

offer guidance. This included practical advice about visa issues, bank accounts, transport and housing, things to take, useful contacts, and places to visit, as well as advice on how to get the most out of the educational opportunities available.

Alice Perry (Head of Alumni) presented the findings of the project at the UK Council for International Student Affairs Annual Conference in June 2011. The Alumni Office plans to build on the project's success by hosting similar events next year around the world.

Alumni reunions held this year included those held alongside international meetings. Receptions were held in Atlanta during the American Society of Hygiene & Tropical Medicine 2010 Annual Meeting, at which alumni were addressed by Dr David Brandling-Bennett (Deputy Director of Malaria, Bill & Melinda Gates Foundation); and in Denver during the American Public Health Association 2010 Annual Meeting. An alumni reception was held in Seattle, during the 3-day conference 'Global Health Metrics & Evaluation: Controversies, Innovation, and Accountability'. We were delighted to welcome as guest speaker Professor Ade Lucas (Adjunct Professor of International Health, Harvard School of Public Health), an LSHTM Honorary Fellow and former President of the LSHTM Alumni Association. This was followed by an alumni reception in the San Francisco Bay area.

Alumni receptions were held in Rome during the International Aids Society 2011 conference; and in Montreux during the 1st Symposium on Global Health Systems Research at which the guest speaker was Sir Andrew Haines (Professor of Public Health & Primary Care), former LSHTM Director. Over 150 alumni and friends of the School attended a reception in Dar es Salaam, at which the guest speaker was Mr Austin Beebe, country representative for WaterAid in Tanzania.

An alumni reception took place during the International Health Economics Association (IHEA) World Congress in Toronto. Anne Mills (Professor of Health Economics and Policy), newly elected President of IHEA, hosted this event with the Alumni Office. Alumni attending included members of the Ontario alumni chapter, one of the School's largest and most active alumni chapters.

Alumni chapters are made up of volunteers who are members of the Alumni Association. The network of chapters provides graduates with opportunities to network, socialize, assist their local communities, and recruit good students. Alumni chapters also have a key role to play in delivering student support, as demonstrated by the Prime Minister's successful Initiative for International Education pilot project. The School now has alumni chapters in Ontario, Bogota, Frankfurt, Berlin, New Delhi, Nairobi, Lilongwe, Madrid, Geneva, Dar es Salaam, Boston, New York, Seattle and Washington DC.

Chapter events and activities this year included the inaugural meeting of the Geneva alumni chapter; the Washington DC alumni chapter launched an LSHTM seminar series in October and held an event, with special guest White House Fellow Dr Mehret Manfredo; and events and meetings in Bogota, Toronto, Nairobi, Madrid, Lilongwe, Frankfurt and Berlin.

Information about alumni initiatives and activities, and contact information for our international alumni chapters, is available at www.lshtm.ac.uk/alumni.

JOHN WATERLOW 1916-2010

The School was saddened by the death on 19 October 2010 of John Waterlow CMG FRS (Emeritus Professor of Human Nutrition and LSHTM Honorary Fellow). Professor of Human Nutrition at the School from 1970 to 1982, John Waterlow was internationally acclaimed for his pioneering research into the pathophysiology and treatment of severe malnutrition consequently helping to save many thousands of children's lives worldwide. A commemorative symposium was organized by the School in his honour on 7 April 2011 (see <http://tinyurl.com/64wfbv>) with contributions from experts in the field of nutrition and child health, including Emeritus Professor Joe Millward (University of Surrey), Professor Alan Jackson (University of Southampton), Professor Philip James (President, International Association for the Study of Obesity), Sir George Alleyne (Chancellor, University of the West Indies) and Dr David Nabarro (UN Secretary-General's Special Representative on Food Security and Nutrition).



Sandy Cairncross OBE (Professor of Environmental Health), recipient of the Roll of Honour Award from the governments of Africa.

Right Victor Hu (right) with Professor John Dart (Institute of Ophthalmology, UCL and Moorfields Eye Hospital) after collecting the Ian Fraser Cup.

STAFF AWARDS AND APPOINTMENTS

We congratulate School staff who have received awards of distinction or been elected to high office in prestigious medical and scientific bodies this year. Sandy Cairncross (Professor of Environmental Health) was appointed OBE in the Queen's Birthday Honours in June 2011 for services to environmental health overseas after devoting his career to saving lives in the world's poorest countries by improving sanitation and hygiene. In Kigali, Rwanda a month later, at a ceremony hosted by President Paul Kagame, he was given a unique honour from the governments of Africa when he was awarded the Roll of Honour Award for lifetime service, in recognition of his major contribution to improving the health and well-being of Africans through his three decades of work in sanitation and hygiene across the continent.

Professor Eldryd Parry was appointed Knight Commander of the Order of St Michael and St George (KCMG) in the New Year Honours for services to healthcare development in Africa. Sir Eldryd is founder of the Tropical Health and Education Trust and an Honorary Fellow of, and Honorary Professor at, the School.

Anne Mills (Professor of Health Economics and Policy and Vice-Director for Academic Affairs) has been named the new President of the International Health Economics Association.

In May 2011 Peter Piot (LSHTM Director) and Christopher Whitty (Professor of International Health) were recognized for excellence in medical science when they were elected to the Fellowship of the Academy of Medical Sciences. Chris Whitty also appeared in *The Times Eureka 100* list, which celebrates the 100 most important people in British science.

Claire Bertschinger DBE (Lecturer and Director, Diploma in Tropical Nursing course) was listed as one of the 20 most influential people in the nursing field by Web Nurse, an online information resource in nursing.

Sarah Polack (Lecturer, Department of Clinical Research) was awarded the Trachoma Gold Medal 2011, in recognition of her work as a major contributor to the development of the Global Atlas of Trachoma. The Medal is awarded annually by the International Organization Against Trachoma and the French League Against Trachoma.

Victor Hu (Research Fellow, Faculty of Infectious and



Tropical Diseases) was awarded the Ian Fraser Cup at the Oxford Ophthalmological Congress for the best clinical presentation, on gene expression in scarring trachoma.

One of the School's 'Young Scientists', Tabitha Manzuangani, won the 'Young Star' category of the prestigious Women of the Future awards, an achievement all the more noteworthy given that she was the youngest candidate shortlisted, and could not speak English when she came to the UK from the Congo five years ago. Tabitha was singled out by the judges as an outstanding young woman who was sure to go on to make the world a better place. Tabitha, who at the time was at school in South London, came to LSHTM in March 2010 for her year 10 work experience as one of 46 students participating in the Young Scientists scheme in 2010-11.

We are pleased to record that Professorial Chairs were awarded this year to Bianca de Stavola (Biostatistics), Alison Grant (International Health), Kelley Lee (Global Health Policy) and Philippe Mayaud (Infectious Diseases and Reproductive Health); and that Readerships were awarded to Immo Kleinschmidt (Epidemiology), GV Murthy (Public Health and Disability), Colin Sutherland (Parasitology) and Jim Todd (Applied Biostatistics).

LECTURES

The 20th Bradford Hill Memorial Lecture was given by Professor Simon Thompson, (University of Cambridge) entitled 'Health economic evaluation: beyond trials – and into the abyss?'

The 24th Annual Health Services Research Policy Lecture was given by Professor Arnie Epstein (Department of Health Policy and Management, Harvard University) entitled 'Impact of pay for performance on quality of care'.



Dame Claire Bertschinger.



Tabitha Manzuangani.



Dr Viroj Tangcharoensathien, of the International Health Policy Programme, Thailand was awarded the Edwin Chadwick Medal at the School's Diploma Presentation Ceremony in March 2011, in recognition of his achievements in promoting the goals of universal coverage, equity, health protection and global health improvement.

This year's Heath Clark Lecturer was Professor Helen Rees (Executive Director, Wits Reproductive Health and HIV Institute, Wits School of Clinical Medicine, University of Witwatersand, South Africa) whose lecture was entitled 'Should we be giving antiretrovirals to HIV-negative people?'

The John Snow Pumphandle Lecture 2010 was given by Dr David Nabarro (Co-ordinator, UN System's High Level Task Force on the Global Food Security Crisis) entitled 'Sapiens, synergy, solidarity, success'.

This year's Annual History Lecture was given by Professor Gerald Oppenheimer (City University of New York and Mailman School of Public Health, Columbia University) entitled 'Framing the Framingham Heart Disease Study'.

Director's Lectures were given by: Professor Ethan Kapstein (Chair in Political Economy, INSEAD) –

'Making markets for merit goods: the case of antiretroviral drugs'; and Dr Richard Budgett (Chief Medical Officer, London 2012 Olympics) – 'Preparing for the Olympic and Paralympic Games'.

Professorial Inaugural Lectures were given by: Richard Smith (Professor of Health System Economics) – 'It's the economy, stupid! – Why understanding globalization and macro-economics is critical to 21st century public health'; Claire Gilbert (Professor of International Eye Health) – 'Blindness in children: from Brazil to Bangladesh'; Vikram Patel (Professor of International Mental Health) – 'Why mental health matters to global health'; Chris Frost (Professor of Medical Statistics) – 'Beware the man who knows the answer before he understands the question. Misunderstood questions concerning odds ratios, measurement error and clinical trial design'; and Oona Campbell (Professor of Epidemiology and Reproductive Health) – 'Accidents of childbirth: research on maternal mortality'.

OBITUARY

DONNA LAMPING 1953-2011



The School was deeply saddened by the death of Donna Lamping, Professor of Psychology, Department of Health Services Research and Policy, on 8 June 2011.

Donna was a leading exponent of how the health status and quality of life of patients can be measured. Educated and trained in the leading centres in Canada and the USA, she brought her cutting-edge knowledge and experience to the UK in 1992, when she joined the School as a Senior Lecturer. Over the following two decades, Donna confirmed her position not only as a leader in the UK but internationally, developing questionnaires to assess the health status and quality of life of patients undergoing surgery and rehabilitation, suffering from dementia, and using maternity services. Her contribution was recognized in 2007-8 when she was elected President of the

International Society of Quality of Life Research and by her appointment to a Professorship in 2009.

Her research success was in no small measure related to her empathy with patients. Apart from establishing psychometrics in the School, Donna made major managerial contributions both as Head of the former Health Services Research Unit and in transforming the School's doctoral programme. As with her research, her success lay in her understanding of the needs of students, who appreciated her concern and support. Despite her early death, her impact will be sustained by the cadre of young scientists she nurtured and developed over the past two decades.

Anne Mills (Professor of Health Economics and Policy) writes: 'All who met Donna were struck by her energy and vitality, and by the courage she showed in managing her illness and in retaining her enthusiastic approach to life. She will be mourned not only within the Faculty but also by her many research collaborators across the School and elsewhere.'