

MANCHESTER  
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The University  
of Manchester



The University of Manchester  
**Annual Review**  
2007 - 2008



## A Message from the President and Vice-Chancellor

This fourth edition of the *Annual Review for The University of Manchester* highlights some of the major activities and developments in The University of Manchester during the academic year 2007-08.

Over the last year we have made genuine progress towards the Goals set out in the *Manchester 2015 Agenda*, our strategic blueprint for positioning the University as one of the world's leading universities by the middle of the next decade.

A reassuring external measure of this progress has been our position in the annual Shanghai Jiao Tong "Academic Ranking of World Universities". The Jiao Tong rankings, while imperfect, represent the most accurate available analysis of the relative strength of the world's top 500 research-intensive universities. It is therefore satisfying to report that the University has improved its position every year since 2004 (when one of our predecessor institutions, The Victoria University of Manchester, was ranked 78th), from 53rd in 2005, 50th in 2006, 48th in 2007 to 40th in 2008. The continuous improvement since 2005, amounting to a gain of 13 places, represents the most significant improvement in ranking of any university in the world's top 100.

Manchester's research grant and contract income has continued to grow, as has the scale and international standing of our research activities in the fields of nuclear science, cancer studies, aerospace engineering, global poverty reduction, social capital formation and major areas in the biological sciences. While profoundly committed to fundamental research and curiosity-driven

discovery, the University has also, since its inception, sought to place an equal weight on applied research, knowledge and technology transfer and wealth creation. In this context, the most important development in 2007-08 was the launch of a unique £32 million late-seed venture fund, which will provide the opportunity to invest in opportunities generated by technology research at the University.

In environmental studies, the Sustainable Consumption Institute (SCI), established last year following a £25 million investment from Tesco PLC, is now putting in place a range of research projects, degree programmes and informed briefings for governments, top level business leaders, policy makers and NGOs in the UK and abroad. The Institute is being led by Professor Mohan Munasinghe, one of the world's leading thinkers on energy, sustainable development and climate change. Professor Munasinghe was Vice Chair of the United Nations Intergovernmental Panel on Climate Change (IPCC), and (as part of that exercise) co-recipient of the 2007 Nobel Peace Prize. The development of the SCI will complement other activities in the University that are closely linked to the sustainability agenda, such as the Sustainable Cities Initiative, supported by Bruntwood, and the Tyndall Centre for Climate Change Research.

The appointment in October 2007 of Nobel Laureate John Sulston FRS, to lead a new cross-discipline Institute of Science, Ethics and Innovation, has been a development of major importance. The new Institute, focusing on the ethical questions raised by science and

technology in the 21st century, complements the University's growing research role in key areas of the physical, biological and medical sciences and technologies relating to energy and environmental sustainability. More broadly, Professor Sulston's appointment, alongside the earlier appointments of Professors Joseph Stiglitz, Robert Putnam, and Martin Amis, means that we have exceeded our intermediate strategic target of making at least three "iconic appointments" - Nobel Laureates, or persons of equivalent standing - by the end of 2007.

A major teaching and learning reform agenda has been a top priority over the past year, following the completion of a "root and branch" review of undergraduate education in 2007. We are now proceeding to make radical changes in order to offer students more purposeful curricula, re-personalise the student learning experience and provide every undergraduate with the kind of one-to-one learning that has been becoming increasingly notable by its absence at many universities over recent decades. We are also putting in place new IT systems and facilities to enable our students to benefit from the best highly interactive online learning environments, as well as finalising plans for a large-scale, purpose-built "Learning Commons", to facilitate state-of-the-art student learning that is at once highly personalised and enriched by cutting-edge information technology. In short, we are committed to making The University of Manchester a superb undergraduate learning university, as well as a leading international research institution.



There is no better illustration of the commitment that we are making to our students and our staff than the transformation of the campus itself. We have now completed Phases One and Two of the University's ambitious 2004-15 capital programme, amounting to £403 million worth of vital new and refurbished building stock, with the entire development to date being brought in on time and – remarkably – slightly below budget. Students and staff in every Faculty are already benefiting from new state-of-the-art laboratories, classrooms, workshops and online learning resource centres. The superb University Place development is providing a new “hub” both for major events and for student support. Phase Three of the Capital Programme will cover the four-year period, 2008-12.

I am delighted to welcome Tom Bloxham as the University's new Chancellor. Tom was elected by alumni, staff, students and members of the General Assembly in June. As a graduate of the University and a successful public figure in his own right, Tom promises to be a powerful figurehead and ambassador for the University. In welcoming Tom's election, I would also like to take this opportunity to pay tribute to Anna Ford and Sir Terry Leahy for all their support and sterling work as Co-Chancellors over the past few years. They both played an important and influential role in the merger, the inauguration of the new University and the promotion of its interests, both in public and “behind the scenes”.

Most of all, I am delighted to report that the University has maintained its powerful strategic

momentum over the past year, because in 2007-08 we have (as planned) taken decisive and fully successful action to eliminate a substantial deficit run up deliberately to enable the new institution to take full advantage of growth opportunities associated with the Manchester “merger” of 2004. Implementing our *2015 Agenda* was always going to be challenging, and returning to surplus budgeting was recognised from the outset as a key requirement for ensuring the sustainable strategic development of the new University.

Having achieved that goal, the University is now well-placed to confront the difficult economic circumstances emerging in the wake of the global credit crisis of 2008. Inevitably, there will be a premium on heightened levels of efficiency, effectiveness and disciplined prioritisation in the years ahead. But the commitment, creativity and hard work with which the University community has accepted the robust challenges of deficit-reduction over the past year will stand us in good stead in such straightened times – as, more broadly, will the remarkable progress the University has made since October 2004.

**Professor Alan Gilbert**  
President and Vice-Chancellor

## Contents

<b>News</b>	2
<b>Feature</b> The Place to be	4
<b>Research</b>	6
<b>Feature</b> Multiple new investments boost Manchester's research excellence	8
<b>Culture and the Community</b>	10
<b>People</b>	12
<b>Facts and Figures</b>	16

## New expertise and awards for University's sustainability agenda

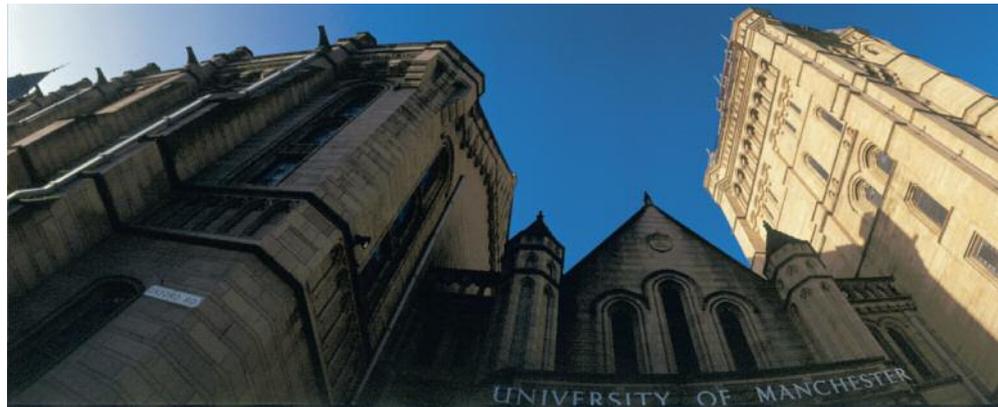
Professor Mohan Munasinghe, one of the world's leading thinkers on energy and sustainable development, was appointed Director General of the University's Sustainable Consumption Institute (SCI) this year.

Professor Munasinghe now heads the body, which is supported by Tesco plc, and aims to help deliver a revolution in green consumption through providing world-class and authoritative research in this area. Co-recipient of the 2007 Nobel Peace Prize, he is also Vice-Chair of the United Nations Intergovernmental Panel on Climate Change (IPCC).

The appointment was made as the University's own environmental practices and commitment to sustainability were recognised in this year's 'Green Gown Awards'. These Higher Education Environmental Performance Improvement (HEEPI) prizes recognise achievement in areas where higher education impacts on the environment.

The University won an Award for introducing various environmental initiatives in student residences, including installing recycling centres, auditing energy use and distributing charity bags for Cancer Research UK.

It was also 'Highly Commended' for a course unit, run by the Faculty of Engineering and Physical Sciences (EPS), which aims to help the next generation of engineers and scientists work together in more sustainable ways.



## Graduate internship programme launches

Several Manchester graduates are currently taking their first steps into the workplace with the help of the University's newly launched Manchester Graduate Internship Programme (MGIP).

While one in three graduates are keen to remain in the city following graduation, it can be a challenge for them to find graduate-level jobs. But now they can apply for paid work experience opportunities in a range of businesses, not-for-profit organisations and the public sector, including within the University itself.

Managed by the MLP, Careers and Employability Division, MGIP has been designed to both make students more employable, in line with the University's 2015 strategy, and to help local employers to secure, retain and develop graduate talent for the benefit of their business.

Since the launch of the scheme in May, more than 50 opportunities have been advertised and more than 20 graduates appointed. Internships last between four months to a year.

The scheme also gives the graduates the chance to attend masterclasses delivered by leading corporate sponsors of the scheme, including sessions on leadership from Tesco, on commercial awareness by the Co-operative Group and on presentation skills by Alliance and Leicester.

Jane Ratchford, Director of the MLP, Careers and Employability Division, said: "MGIP has the potential to boost the employability of our graduates, improve our position in key league tables and demonstrate the University's commitment to the economic development of the city-region."

## Nobel prize-winning duo launch new Research Institute

Two Nobel Prize winners at the University posed the question, "Who owns science?" in a public lecture to launch the new Institute for Science, Ethics and Innovation in July this year.

Professor Joseph E Stiglitz, Chair of the University's Brooks World Poverty Institute and winner of the 2001 Nobel Prize for Economics, joined Professor Sir John Sulston to discuss the monopoly of scientific knowledge and economic power in a day of discussions and lectures, including a public lecture, held at University Place.

Professor Sulston, winner of the 2002 Nobel Prize in Physiology/Medicine and a pioneer of genomic research, joined the University in October 2007 to chair the new cross-discipline Institute, which aims to investigate and address ethical questions raised by contemporary science and technology.

The Institute has already completed its first task of formulating a 'Manchester Manifesto', which it is hoped will lay down a consensus on intellectual property in science and stimulate a national debate on the impact of new science and technology on society and the ethical dangers this represents.





## £50 million entrepreneurial fund for new ideas

A unique £50 million venture fund for University entrepreneurs was launched at Manchester this year.

The University, with its in-house intellectual property company, UMIP, teamed up with MTI Partners to announce the first close of the UMIP Premier Fund at £32 million.

With funding from a range of UK and European institutional and supranational investors, including EIF (European Investment Fund), NESTA (National Endowment for Science, Technology and the Arts), Co-operative Insurance Society and others, MTI believes that the Fund is likely to eventually close at £50 million.

Officially launched in spring 2008, the fund will provide the opportunity to invest in businesses emerging from the University's 'five-star' rated academic departments and which have benefited from UMIP's stringent business selection and development programme.

It will have preferred access to all investment opportunities generated by technology research at the University and will make late-seed stage investments initially in the £250,000 to £750,000 range, with both the intention and capacity to provide follow-on investment up to £3 million.

Once it is fully invested, the fund is expected to comprise a portfolio of approximately 20 investments.

President and Vice-Chancellor, Professor Alan Gilbert, said: "This is a ground-breaking initiative, establishing a hugely creative vehicle for providing academics with access to the capital to develop the world-leading research, for which the UK is renowned, into world-beating companies."

Also this year, Manchester Business School brought together entrepreneurship and innovation expertise from across the University to launch the Manchester Enterprise Centre (MEC).

The MEC will become the focus of enterprise activity at the University, by combining the strengths of the former Manchester Science Enterprise Centre (MSEC), MBS Incubator, its enterprise programmes and the Institute of Innovation and Research.

"It's our aim to inspire entrepreneurs and emerging business leaders to combine their talent with rigorous business understanding – so they are able to turn their visions into commercially successful ventures," said Professor Michael Luger, Dean of Manchester Business School.

## Manchester climbs international league table

The University of Manchester climbed eight places this year in the annual league table published by the Shanghai Jiao Tong University in China.

The University improved its world ranking in 2008 by climbing to 40th place in the respected league table.

In addition, Manchester has risen to sixth in Europe from ninth place last year.

Since the merger between the Victoria University of Manchester and UMIST in 2004, a year-on-year improvement in the Shanghai Jiao Tong Academic Ranking of World Universities has been one of the University's main benchmarks for success, central to the pursuit of the *Manchester 2015 Agenda*.

Manchester has made steady progress in the rankings, from 53rd in 2005, to 50th in 2006 and 48th in 2007.

The Shanghai Jiao Tong University league table bases its annual list on the ranking of 2,000 of the world's leading universities; using criteria such as the number of Nobel Prize winners among its alumni, the number of research papers published in leading magazines and various other academic achievements relative to a university's size.

## The Place to be

The University's new flagship building, University Place, opened its doors for the first time in April this year.

The eight-storey, £65 million building is the key development in the University's ongoing £620 million capital development programme. Its lecture theatre encompasses either two halls of 600 and 270, or a single 1,000-seat auditorium.

A new Visitor's Centre greets prospective students and members of the public near the entrance, by a new café, shop and restaurant. Several administrative functions have relocated to the building, as well as the School of Nursing, Midwifery and Social Work. To the rear of the distinctive rotunda are 300 student bedrooms.

The venue cemented its position as one of the North West's important cultural venues with its first event: a lecture from internationally acclaimed journalist Naomi Klein. A packed house of 600 people filled the main auditorium to hear Naomi discuss her controversial views on Western foreign policy.

It was Naomi's only appearance in the region to promote her new book: 'The Shock Doctrine: The Rise of Disaster Capitalism'.

Richard Handscombe, Sales and Marketing Manager for Conferences, said: "University Place is irrefutably one of the most breathtaking developments in the business meetings' world and the interest we have been receiving has been truly phenomenal. It offers the most advanced technology, professional IT technicians on site, high specification audio visual aids and Wifi access to exhibition and catering areas.

"With a number of key events already booked, we are confident that the venue has a bright future ahead as a conference destination and that it will raise the profile of events here at the University even higher."

University Place is the key building in a series of recent developments, which has included the AV Hill Building (which opened this year), the Alan Turing Building, the Stopford Teaching laboratories, the FB1 Functional Biology building and a major refurbishment at the John Rylands Library on Deansgate.





## Researchers find key to stopping cancer in its tracks

Researchers in the School of Dentistry discovered a key process that may be involved in the spread of cancer – by studying the growth of human embryonic stem (ES) cells.

Dr Chris Ward and his team used the ES cells to investigate how some tumours can migrate to other parts of the body, which makes cancer treatment much more difficult.

Dr Ward believes his work could lead to new treatments and stop 80-90% of cancers in their tracks.

He studied the 'epithelial-mesenchymal transition' – a crucial change that occurs as a tumour advances, which allows cancer cells to start moving and spread into other tissues.

The study, funded by the Association for International Cancer Research and involving the University's immunology group at the Paterson Institute for Cancer Research, found that the protein E-cadherin stopped cells from migrating during normal growth.

As well as helping cells stick together, E-cadherin blocked the action of another

protein known to increase the mobility of cells. This important dual function of E-cadherin opens up the potential for new targets to prevent tumour cells from spreading.

Dr Ward said: "Previously, it has not been possible to study this crucial transition in patients, since this would involve invasive techniques that may interfere with any treatment of the disease. Our discovery that it happens spontaneously in ES cells means that it can be studied much more easily in the laboratory."

## Study explodes gang life myths

Two years of fieldwork with members of six English gangs has produced one of the most revealing portraits of their lives, exploding distorted stereotypes of their culture.

University researchers, led by Judith Aldridge and Juanjo Medina from the School of Law, conquered initial suspicion to forge a close professional relationship with the gang members for the Economic and Social Research Council-funded study.

Research revealed that, contrary to common perceptions, most gangs were not organised as drug 'businesses' – though individual members often got involved in dealing primarily in cannabis – while serious acts of violence, such as shooting, are rarely the result of conflict around drug dealing and territory.

Nor were gangs organised into clearly identifiable groups of criminals, instead comprising loose, messy, changing friendship networks, less organised and criminally active than widely believed, with unclear, shifting and unstable leadership.

The team also found little evidence to back the view that gangs were more likely to be black, criticising the focus of the media, Government, police and other agencies on ethnic minorities.

Judith Aldridge argues that drastic changes in Government policy are needed to stop cycles of violence. She said: "Young people in gangs and their friends suffer considerable and sometimes horrifying trauma, as they live in severely deprived neighbourhoods. But official responses to young people in gangs have been primarily to see them as perpetrators of crime. There is a desperate need to appropriately assess the needs of these young people and their families – not blame them."

Lead fieldworker Robert Ralphs added: "Our approach in dealing with parents of gang-involved young people also needs to shift from the dominant 'blaming' approach. These parents often see themselves and their children as victims – but lack the confidence to seek help, through fear of catastrophic repercussions from the statutory agencies who are supposed to help them."

The team carried out 100 interviews with gang members and others in the community – alongside the fieldwork with six gangs.



## Rare frog find gives herpetologist hope

A rare female frog was seen for the first time in 20 years during a 2008 expedition to Central America by scientists from The University of Manchester and Chester Zoo. The tiny tree frog, *Isthmohyla rivularis*, was seen in Costa Rica's Monteverde Cloud Forest Preserve.

This species was thought to have become extinct two decades ago, but last year Andrew Gray from the University's Manchester Museum found and photographed a male.

The discovery of this pregnant female, as well as more males, suggests this species is breeding and has been able to survive – while many other species have been killed by a deadly fungal skin disease.

Speaking to BBC Online, which accompanied the party in Costa Rica, Andrew Gray said: "This has been the highlight of the whole of my career. It is hard to describe just how unlikely it was to have discovered a female of this particular species."

"Now that we know that both sexes exist in the wild, we should intensify efforts to understand their ecology and further their conservation."

The 2.5cm-long female was released after the discovery – but only after a swab was taken from its skin to test whether it was carrying the deadly chytrid fungus.



## Tumbleweed rolled into MoD robot wars

University robots rolled into the final stages of a Ministry of Defence contest to find the best new British urban military technology.

The inaugural MoD Grand Challenge required teams to develop autonomous aerial and ground vehicles capable of detecting and identifying threats regularly encountered in urban warfare environments.

After a year of intense development and testing at the University, the Tumbleweed robots tackled various challenging tasks alongside eleven other finalists over the course of three days at Copehill Down in Wiltshire – a special 'FIBUA' (Fighting In Built Up Areas) army training centre.

The project team, led by Dr Bill Crowther from the School of Mechanical, Aerospace and Civil Engineering (MACE), developed two sophisticated machines for the challenge.

An innovative, low-cost and ultra-maneuvrable air vehicle was powered by the same type of batteries used in mobile phones. It has a lightweight air-frame and six helicopter rotors located at three different angles.

Designed to seek out roadside bombs, weapons and armed militia, it beams images back to base, to be analysed by specially developed recognition software. It can also roll along the ground and up walls and can perch upon suitable urban structures.

The air vehicle uses a new kind of rotor technology developed by the Tumbleweed team – HexRotor – which should allow air vehicles to perform extreme manoeuvres in tricky urban conditions and varying weather conditions.

The design and development work has resulted in a wide-ranging patent on multi-rotor vehicles

suitable for operations in urban environments, which will be exploited through a spin-out venture, in partnership with UMIP - The University of Manchester Intellectual Property Ltd.

The Tumbleweed ground vehicle also navigates using GPS and pre-programmed co-ordinates, with sonar sensors to avoid obstacles in cluttered urban environments. Each of its three sets of wheels can be steered, enabling the vehicle to change directions, while keeping its surveillance camera pointing in the same direction.

Experts from the Schools of MACE, Electronic and Electrical Engineering and Computer Sciences created Tumbleweed in collaboration with the University of Leeds and with assistance from Manchester-based AV-i Ltd, MBDA and BAE Systems.



## Multiple new investments boost Manchester's research excellence

The Department of Health announced this year that Manchester will become home to a groundbreaking £35 million Biomedical Research Centre.

Run by a partnership led by the University and the Central Manchester and Manchester Children's University Hospitals NHS Trust, the BRC will be based at the Trust's Oxford Road site.

Manchester City Council and the Northwest Development Agency are supporting the partnership, plus leading healthcare businesses, such as AstraZeneca, Renovo and GlaxoSmithKline, and other partners, including the Wellcome Trust Clinical Research Facility.

Research will include projects that aid understanding of health, development and disease, develop new therapies for a range of conditions, including cardiovascular disease and mental health, and identify ways to alleviate chronic long-term disability.

Other new partnerships, institutes and centres launched at the University this year herald further significant investments in cutting-edge research development across a diverse range of sectors.

The Manchester Academic Health Science Centre (MAHSC) is a new strategic partnership between the University and six Greater

Manchester NHS trusts, which hopes to make Manchester one of the world's leading centres in health research. MAHSC will provide a shared vision and strategy for health research in Greater Manchester and establish many world-class research programmes by 2014.

The partner trusts are: Central Manchester and Manchester Children's University Hospitals NHS Trust; Christie Hospital NHS Foundation Trust; Manchester Mental Health and Social Care Trust; Salford Primary Care Trust; Salford Royal NHS Foundation Trust, and University Hospital of South Manchester NHS Foundations Trust.

The Biomedical Imaging Institute is a new international centre of excellence in biomedical imaging, which covers a range of techniques that impact on biological and medical sciences.

The Institute unites all of the University's medical imaging facilities and expertise in the aim of developing new imaging methods and applying them to important biomedical problems. It is hoped that lab-based research will eventually be used within hospital settings to benefit patients.

MIMIT (Manchester: Integrating Medicine and Innovative Technology) is the first international affiliate of the highly successful US centre CIMIT®. It brings together medics and engineers from a group of Greater Manchester hospitals, GP

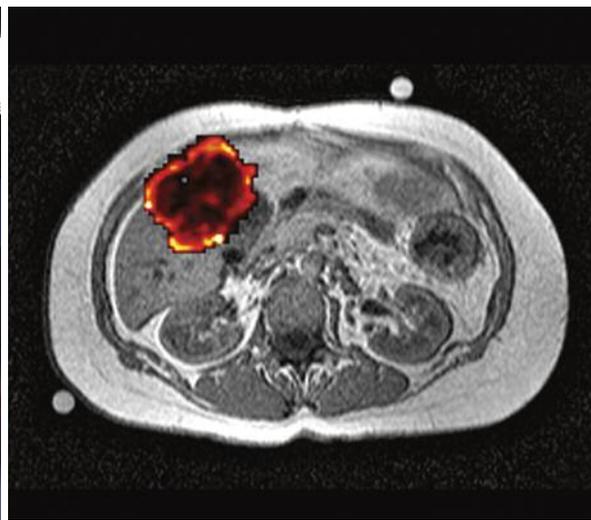
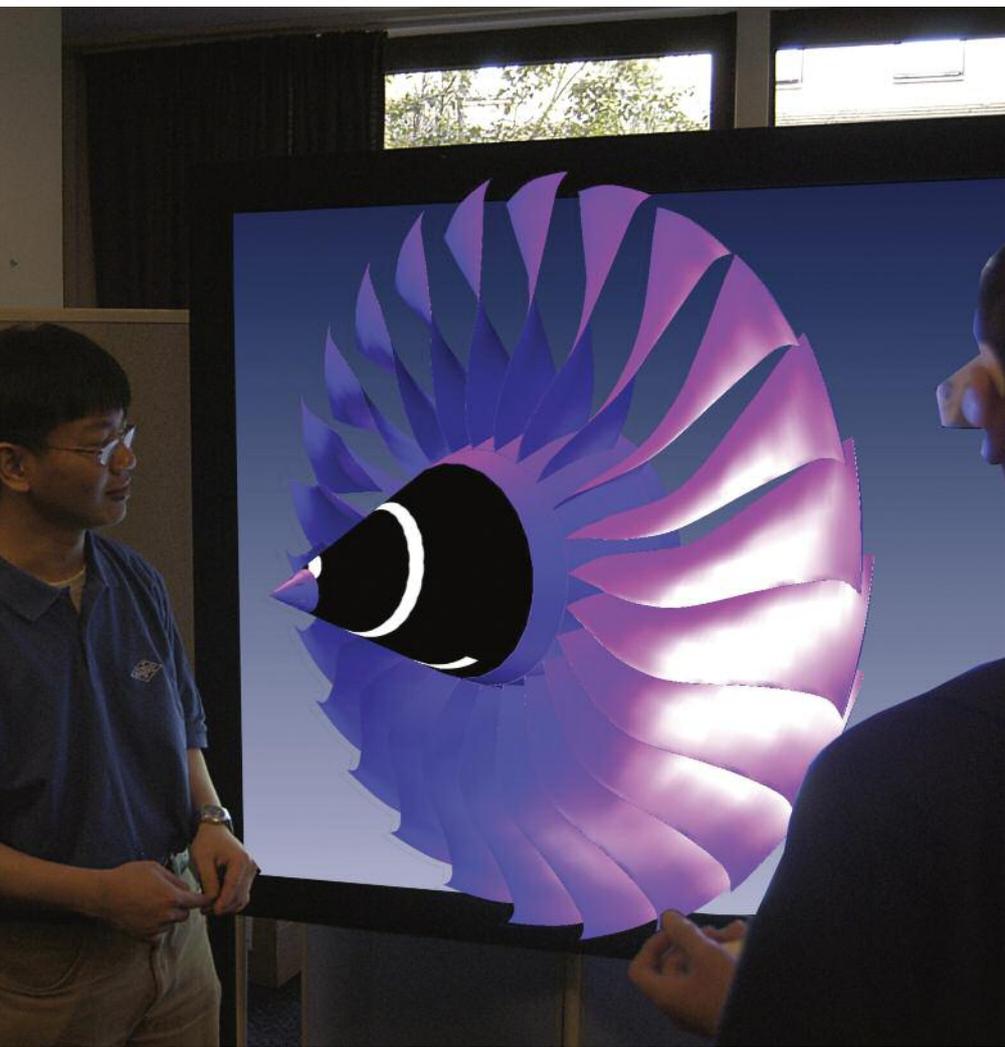
practices and the University in order to apply the latest technology to solve clinical problems and make Manchester a world leader in patient care.

UMARI, a major new Aerospace Research Institute, tackles the many challenges facing the aviation industry. Aiming to become the world's leading aerospace research facility, the Institute is set to play a crucial role in the development of quieter, more efficient and more durable aircraft, while also considering environmental, health and economic impacts.

Its interdisciplinary approach unites diverse engineers, materials scientists, mathematicians, electronics and computing experts, manufacturing specialists and environmental scientists.

The Novars Research Centre is the new home of a hi-tech music studio that uses computer wizardry to create new forms of music and sounds. A 'room-within-room' design of concrete blocks suspended on hundreds of rubber cylinders creates perfect acoustic isolation for those using the studio.

The £2.25 million Centre gives composers and musicians access to the cutting-edge technology, including some of the world's leading exponents of 'electroacoustic' music, who are based at the University.





## University library gains coveted research status

The John Rylands University Library (JRUL) gained coveted status and a four-fold increase in funding this year after being designated one of only five National Research Libraries (NRL) in the country by the Higher Education Funding Council for England (HEFCE).

NRL status acknowledges the Library's support for external researchers and entitles it to long-term funding from HEFCE, subject to regular reviews. Funding will leap from its current annual level of £125,721 to £504,650 for 2008-09 and approximately £883,579 for 2009-10.

The only NRL based in the North, JRUL joins the ranks of Cambridge, Oxford, London School of Economics and the School of Oriental and African Studies.

Jan Wilkinson, University Librarian and Director, said: "This is excellent news. Our challenge now is to ensure that we use the funding to support innovative strategic development of the library, to benefit all our users."

The Library also recently gained the Manchester Society of Architects (MSA) Community Education Award for the redevelopment of its Deansgate building. This adds to the list of awards that the Library has received for its design, including: Most Iconic Building in the Manchester Awards; an Institution of Structural Engineers award; two gold medals in the 2007 Roses Awards, and Chamber of Commerce Building of the Year 2007.

## University joins transformational Oxford Road project

Proposals to transform the Oxford Road area have been unveiled by a new development agency – The Manchester City South Partnership – of which the University is a key player.

Launched early this year at the Whitworth Art Gallery, the Partnership aims to drive forward the knowledge economy in the area surrounding the universities and NHS Trust on the 'Oxford Road corridor'.

Around 600 acres of land will be regenerated, creating up to 34,000 new jobs and attracting new businesses and research facilities. It is also hoped that thousands of offices and flats will be developed.

Proposals also affect transport: Oxford Road could eventually become a 'green corridor' featuring new 'eco-buses' – a cross between a bus and a tram. Visually appealing new lines of trees, multi-coloured lighting and public art installations are also proposed.

The University will work to realise the plans in partnership with Manchester City Council,

Manchester Metropolitan University, the Central Manchester and Manchester Children's Hospitals NHS Trust and the Northwest Regional Development Agency.

The Partnership will also aim to ensure that the £1.5 billion of investment already taking place in the area is 'joined up', with the universities and Health Trust working together to maximise the benefits of this and any future investment.

President and Vice-Chancellor Professor Alan Gilbert is Chairman of the Manchester City South Partnership. He said: "We are embarking on one of the most ambitious and exciting development initiatives that Manchester – and the region as a whole – has seen in a decade."

An extensive consultation exercise on the proposed development plans is underway with all stakeholders, including: residents and employees of the area; University staff and students; hospital staff and patients; the wider business community; the arts and cultural community; retailers, and commuters.





## Every child is an artist...

At least, that's what Pablo Picasso thought. This summer, visitors to The Whitworth Art Gallery were invited to decide for themselves, via an exciting exhibition focusing on children as creators of and inspiration for art.

'Neverland: Rediscovering Child Art?' was the first in a new series of biennial family exhibitions at the Whitworth, complemented by a series of quirky, free family events for summer 2008.

Neverland explored the nature of creativity and imagination, placing internationally significant modern art alongside opportunities for children – and their grown-ups of all ages – to make their own individual contributions.

The exhibition looked at child art through the eyes of artists, teachers, parents and children over the past century. Its family programme included workshops and tours devised by children - the 'Neverlanders' - for children and their families.

Dr Maria Balshaw, Director of The Whitworth Art Gallery, said: "As a university art gallery, we want to be asking interesting questions about what contemporary art means – and we want to do it in a playful way for adults and children."

## Lindow Man mystery lives on at the Museum

A much-anticipated exhibition, focusing on the facts and mysteries surrounding the discovery of a preserved body in a Cheshire peat bog 24 years ago, opened at Manchester Museum in April.

The preserved body of "Lindow Man", found at Lindow Moss in 1984, raised many questions. The man at the centre of the story remains a mystery, despite the efforts of curators, archaeologists, historians and forensic scientists.

'Lindow Man: A bog body mystery' looks at different angles of the discovery through the voices of seven people. Stories include those of a peat digger, forensic archaeologist, museum curator and Druid priest, amongst others. Their personal experiences provide an insight into the impact Lindow Man had on their lives.

Bryan Stith, Head of Human Cultures at Manchester Museum, said: "There are few moments in life when you can look into the face of someone who is 2,000 years old and ask questions about them. This exhibition offered us a unique opportunity to do just that."

Lindow Man and other selected objects of the exhibition are on loan from the British Museum as part of its Partnership UK Scheme. The exhibition has received support from the Heritage Lottery Fund, the Wellcome Trust, Renaissance in the Regions, The Foyle Foundation and the Dorset Foundation.

'Lindow Man: A bog body mystery' will run at Manchester Museum until April 2009.



## Brightest and best honoured with distinguished awards

The achievements of some of the University's most outstanding staff and students have been recognised with prestigious awards.

The Distinguished Achievement Awards were launched three years ago, in a bid to highlight the best and the brightest talent within the University.

They honour staff whose research has broken new ground, or whose teaching has been outstanding. They also recognise students who have made an outstanding contribution to the life of the University, or postgraduates whose research has excelled.

In addition, a general award is presented for sustained or exceptional service to the University.

Winning students this year were Rashi Sharma, Tamsin Sawyer, Danielle Satterthwaite, Andrea Seedhouse and Edward Scrase.

The teaching awards were presented to Dr Warren Mansell, Dr Max Jones, Dr Liz Sheffield and Dr Alastair Martin, while staff highlighted for their research were Professor Matthew Lambon Ralph, Professor Dora Kostakopoulou, Dr Casey Bergman, Dr Kostya Novoselov.

Postgraduate winners were Will Dixon, Dr Anne Kirkham, Dr Luke Hakes and Mladen Savov. Two long-serving members of staff received general awards: Professor Rodney Brazier and Martin Davey.

## Miraculous journey ends with graduation

A former Kenyan slum child, who found University of Manchester prospectus leaflets in a dustbin, has achieved his dream of gaining a masters degree at Manchester.

Sammy Gitau discovered the documents inside a discarded cardboard wallet in a well-to-do neighbourhood near his home in Mathare, Nairobi 's oldest slum district.

Sammy read references to his country on a page about a course based at the University's renowned Institute for Development Policy and Management. After a struggle of epic proportions, he finally received the accolade in December 2007.

Becoming his family's breadwinner at the age of 13, after the untimely murder of his father, Sammy resorted to thieving and selling drugs, before ending up in a coma through his drug use.

A recovery against all the odds proved to be a turning point for the young man, who set up a community resource centre to help young men to come off drugs and find jobs, teaching them skills such as carpentry and computing. The centre also lobbies for fresh water and an electrical supply.

As the centre grew and developed, an EU official encouraged Sammy to apply to The University of Manchester's MSc in the Management and Implementation of Development Projects – which he did. The rest is history.

Sammy said: "I have big plans for the centre – I hope to expand the project into other areas of Nairobi. If it wasn't for my amazing experience and support from my friends at The University of Manchester, and constant support from donations around the world, this dream would never have become a reality."



## Bloxham elected new Chancellor

Tom Bloxham MBE was elected the University's new Chancellor in June 2008.

Chairman and co-founder of property company Urban Splash, 44-year-old Tom Bloxham will hold the position for seven years.

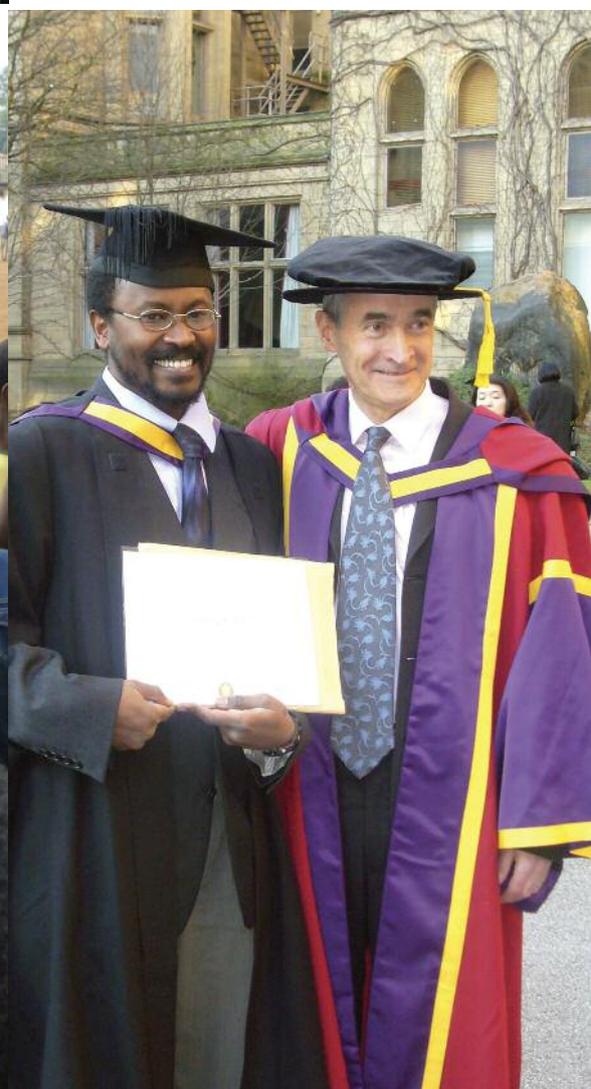
The Chancellor is the officer of the University, fulfilling the function of non-executive Chair of the General Assembly, and presides over Congregations of the University for the conferment of degrees. Previously, the role was carried out jointly by broadcaster and journalist Anna Ford and Tesco chief executive Sir Terry Leahy.

Mr Bloxham was elected through a ballot of 40,000 registered members of the University's alumni and 11,000 current staff and the members of the University's General Assembly.

He was awarded an MBE in 1998 for his services to architecture and urban regeneration. He chairs Arts Council England (North West) and sits on the Arts Council England. He has also been a trustee of the Big Issue charity, the Big Step.

At the University, he read Politics and Modern History 25 years ago and received an Honorary Doctorate a couple of years ago.

"It is a huge pleasure to have been elected," Tom said. "I am looking forward to doing what I can to help the University achieve its aim of becoming world-class and standing alongside the best."





## Manchester student named International Student of the Year

Stephenie Siew Jean Tiew, a 24-year-old medical student from Malaysia, was officially named International Student of the Year for 2008.

More than 1,500 students, representing 127 nationalities, entered the sixth annual International Student Awards – a major initiative from the British Council that aims to shine the spotlight firmly on international students and their contributions to life in the UK.

Stephenie was one of 12 regional winners who gathered in London to meet a final judging panel.

Garth Philippe and Deepa Ramduny, also University of Manchester students, were both named runners-up in the regional finals. Garth, from the Bahamas, is studying Law and Deepa is a Mauritian student studying Science and Neuroscience.

In a bid to take home total prize money of £3,000, students shared stories about their extra-curricular achievements that illustrate how they are making the most of their time in the UK. Each student was asked to write a personal 'letter home' in English, detailing out-of-class achievements that help make their time in the UK so rewarding.

As well as having a part-time job, Stephenie has won a Royal College of Paediatrics and Child Health (RCPCH) Student Prize. She has also participated in a regional debating tournament and been involved in "Save a Baby's Life Society".

Stephenie said: "I feel truly blessed to be the recipient of this prestigious award. I am grateful to the British Council for acknowledging what I have enjoyed doing as an undergraduate at The University of Manchester. This award has motivated me to continue to strive for the highest level of personal excellence in every area of my life."

Dr Tim Westlake, Director of Student Recruitment, Admissions and International Development, said: "Stephenie's achievements are outstanding and demonstrate the valuable contribution the international student community makes to the north-west region. The University of Manchester is proud of the role international students play, both on campus and in the wider community."



## Victory for Manchester rowers

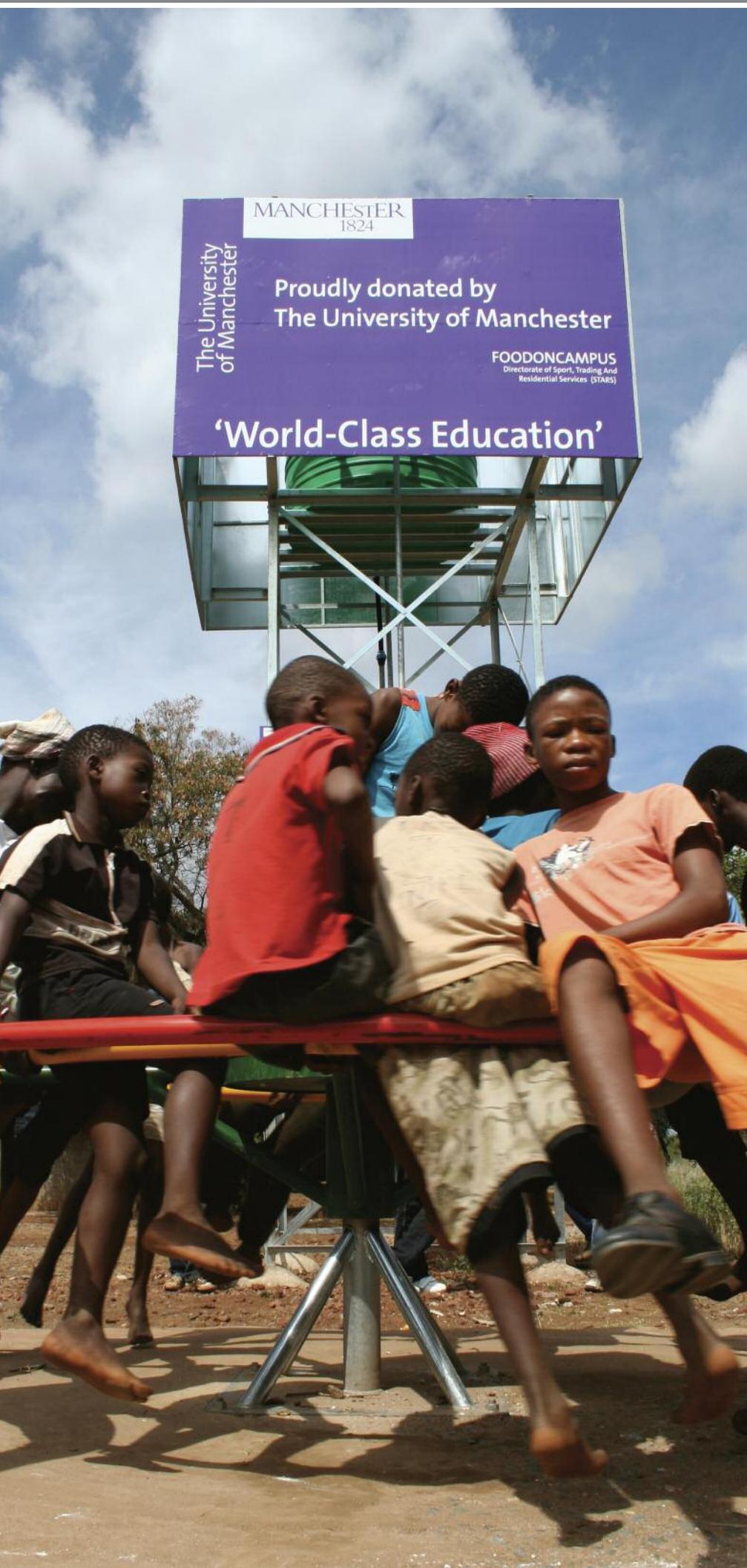
More than 5,000 spectators saw Manchester storm to victory in this year's Two Cities Boat Race. The University won six out of the seven races to beat their Salford rivals in the annual regatta, held at Salford Quays this summer.

Nick Turnbull, Manchester's senior captain, said: "It was a brilliant day. We didn't think we would do as well as we did, but this just goes to show the talent that we have at the University rowing club."

Among the VIPs watching the 37th Two Cities Boat Race were actor Robert Powell, Olympic athlete Diane Modahl and the artist Harold Riley. BBC Radio Manchester's Ian Cheeseman provided the commentary for crowds enjoying the sunshine, while David Henderson, who took part in one of the early Boat Races in 1972, also witnessed Manchester's fantastic display.

Spectators enjoyed performances by drummers and cheerleaders from both universities, and witnessed the exciting spectacle of a WWII Lancaster Bomber flying overhead midway through the event.

SPARKS, the children's medical charity, were the event's official beneficiary. Their Vice-President, Robert Powell, said: "This is a terrific event. I'm delighted to be here – and delighted that SPARKS, a charity very close to my heart, will benefit."



## Buying water on campus funds water supply for African schoolchildren

Representatives from the University's catering department travelled to a remote part of South Africa this year to see how a University-funded water pump has benefited the local community.

Alison Aucott, head of FoodOnCampus, and procurement officer Nichola Jones visited the Ikagisano Intermediate School on the South Africa-Botswana border. The school's new 'Playpump' was funded by monies raised through the sale of bottled water to staff and students on the University campus.

Alison explained: "All profits from the sale of 'One' bottled water go towards a scheme that helps provide fresh water to some of the poorest areas of southern Africa. We are very proud of the University's achievement in selling enough bottles of 'One' to build our first Playpump and to see the positive results for ourselves.

"Having water at school clearly encourages children to come and learn – and maybe one day they will have the opportunity to study at university."

The 'Playpump' takes the form of a roundabout, which is powered by children playing, enabling it to draw fresh water from a well.

The University has now sold enough bottles of 'One' for a second pump to be built, and is on its way to providing a third.

Nichola Jones said: "Fresh, clean water is a basic human need, and if we can make one life better just by selling bottled water it will be worthwhile. We were the first university to stock 'One' water – it's the only water that FoodOnCampus sell."

The Ikagisano Intermediate School has 130 pupils, aged from six to 16, with a further 30 children in the crèche. Before the pump was installed, they had to walk 1.5 kilometres for fresh water, often carrying the equivalent of a water cooler refill.



## Students

Of the 35,441 students registered at the University, 26,160 are undergraduates and 9,281 are postgraduates.

	Home/EU	Overseas	Total
Undergraduate	23,291	2,869	26,160
Postgraduate Taught	3,533	2,189	5,722
Postgraduate Research	2,312	1,247	3,559
<b>Total</b>	<b>29,136</b>	<b>6,305</b>	<b>35,441</b>

## Staff

The University is one of the largest employers in Greater Manchester with more than 5,700 academic and research staff.

### Breakdown of staff

Academic	3,971
Research	1,908
Administrative/Management	1,082
Clerical/Secretarial	1,625
Academic Support	1,359
Manual/Craft	1,099
Other	428
<b>Total</b>	<b>11,472</b>

Headcount figures at 31 July 2008



## Income

The University has an annual income of £684 million

Funding Council Grants	191
Tuition Fees and Educational Contracts	169
Research Grants and Contracts	176
Other Operating Income	127
Endowments and Investments	21
<b>Total</b>	<b>684</b>

Figures rounded to the nearest £1 million

## The University of Manchester at a glance

### Mission and vision

"To make The University of Manchester, already an internationally distinguished centre of research, innovation, learning and scholarly enquiry, one of the leading universities in the world by 2015."

### Senior officers

Chancellor	Tom Bloxham
Pro-Chancellor and Chairman of the Board of Governors	Mr Norman Askew
Pro-Chancellor	Admiral Sir John Kerr
President and Vice-Chancellor	Professor Alan Gilbert

**Estate** 341 buildings  
418 acres

**Undergraduate applications per annum** 53,000

**Alumni** 222,000 in 200 countries

