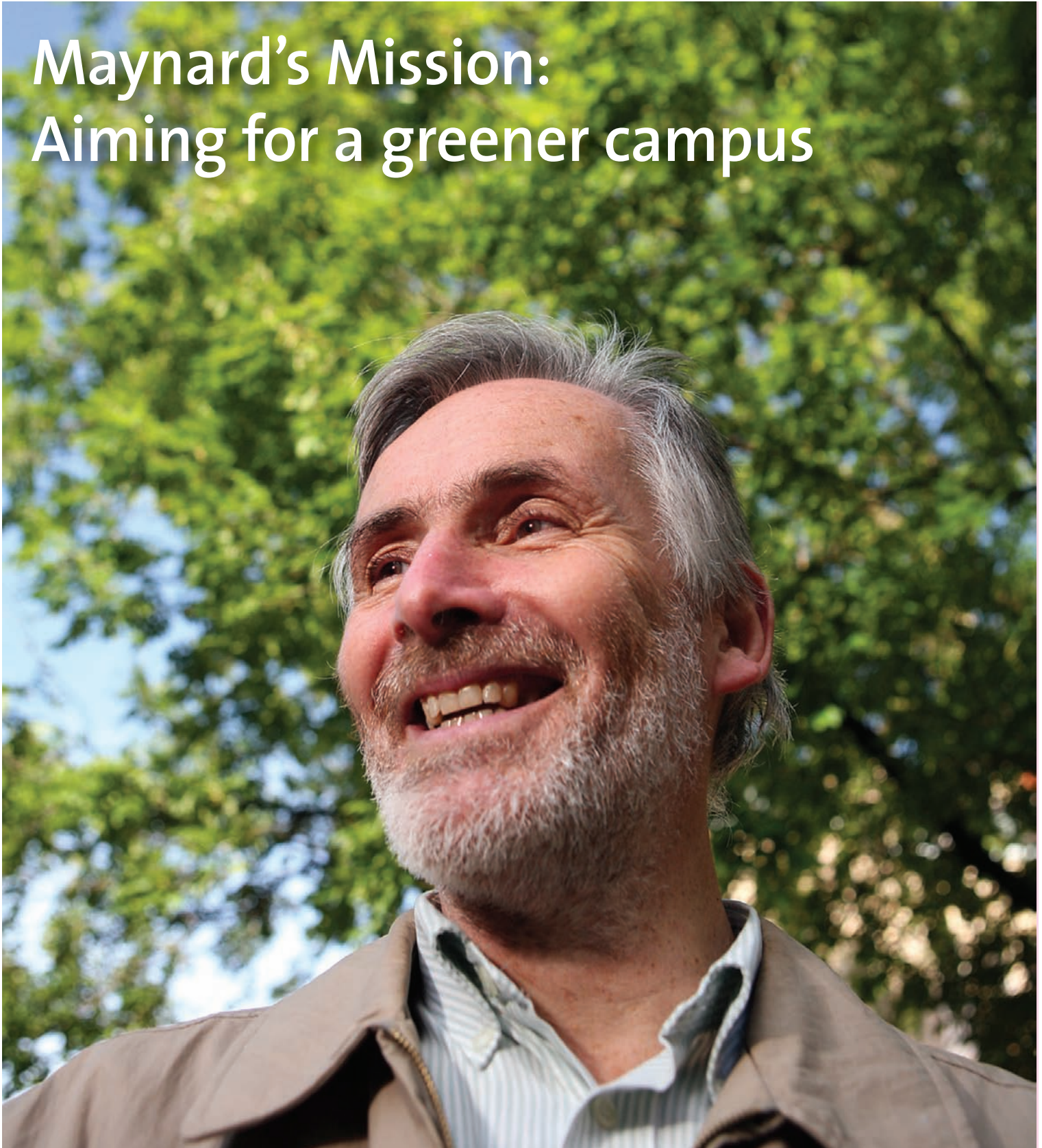


UniLife

3 November 2008

Issue 2 Volume 6

Maynard's Mission: Aiming for a greener campus



Letter from the President



Are some people - or for that matter, some institutions - luckier than others?

Envious, perhaps, of the achievements of others, or insufficiently informed to be able to explain them satisfactorily, we readily turn to luck as an explanation. In most cases, however, something altogether more commendable explains the successes of "lucky" people. Commonly adduced aphorisms remind us, wisely, that "people make their own luck", and that "fortune favours the brave." Napoleon doubtless had both these truths in mind when he observed that of all the qualities he looked for in a Field Marshall, luck was the foremost.

People sometimes "make their own luck", Napoleon knew, by thinking laterally, introducing some unlooked-for element of skill or insight into an otherwise predictable chain of events. "Fortune favours the brave", he had learned, because it takes courage to introduce new ideas, consider radical solutions or resort to inherently difficult, even risky, courses of action when normal, routine options are heading inexorably towards unwelcome outcomes.

There is such a thing as pure, simple good fortune. As an historian, I have often had reason to reflect on the role of chance and accident in human affairs. Much of life is shaped by occasions, momentous or trivial, when two or more essentially unrelated causal processes intersect with each other, with consequences that can range from the wonderfully fortuitous to the absolutely calamitous. Luck and, *ipso facto*, bad luck, both play a part.

The University of Manchester has benefited from pure good fortune. Had the merger between UMIST and the Victoria University of Manchester that created our new University occurred a year later, we would have been facing the current economic downturn *before* we had completed the structural adjustments inevitably associated with turning two complex institutions into one, *before* we had completed the property disposals that secured our major capital programme, and *before* we had eliminated the deficit created by our sensible but highly ambitious post-merger/pre-RAE investment in new staff.

We cannot claim credit for the timing, but we have as an institution been "lucky" (in both senses of the word) in bringing the financial operations of the University back into the balance before confronting the new challenges arising from the global financial crisis that now lie ahead.

The emerging prognosis for higher education in the UK is immensely challenging.

Levels of public spending that we have become used to over the past decade may have been unsustainable even before the recent, massive injection of public funds into the banking sector. But the scale of the rescue package means that we must now anticipate an era of extraordinary stringency in public outlays on higher education; an environment tougher, certainly, than anything universities have faced for the last quarter century.

Looking forward, therefore, our University now needs, in abundance, the kind of luck that people and institutions make for themselves; the kind that favours the brave, the innovative, the adaptable, and attaches itself to individuals and institutions that keep their heads in crises.

The key message is simple.

We must continue to behave strategically, weighting priorities, keeping our collective eye firmly on long-term goals and refusing to be so overwhelmed by difficulties that we lose sight of the truth that great *opportunities* always go hand-in-hand with serious crises. For it is in challenging times - far more than when the going is easy - that those who keep their heads, and keep doing the right things, effectively differentiate themselves from their competitors.

So we will succeed if, resisting pressures to weaken our strategic resolve, we continue to identify and focus on those areas of research excellence where we can build groups of world class researchers into world-leading clusters.

We will succeed if we refuse to be deflected from our vital commitment to radically improving the quality of undergraduate education in Manchester, knowing that if resource scarcity makes it difficult for us to find massive new resources for student learning it will be all the more important to ensure that we make optimal use of the resources we have. That will mean seriously reappraising what we teach, how we teach, how we assess, how we use the increasing sophistication of e-learning to enrich face-to-face learning, and how we ensure that every Manchester student receives the personalised learning support that a world class undergraduate experience deserves.

In straightened circumstances, we will succeed only if we find innovative ways to generate non-Government revenue to invest in maintaining and building excellence.

We will succeed, finally, if we meet these challenges collegially, sharing information in a timely fashion, carefully explaining difficult decisions, listening to alternative suggestions for achieving shared goals. The Board of Governors, the senior executive team and Heads of School are united, I believe, in a determination to maintain such collegiality.

Professor Alan Gilbert
President and Vice-Chancellor

Foundation Day celebrates University's progress

The University has celebrated the four years since receiving the Royal Charter, by honouring two of the world's brightest minds.

Foundation Day - the anniversary of the receipt of the Royal Charter on October 22, 2004 - is the ceremonial highlight of the University calendar.

It is the day when the University looks to the past and the future: acknowledging and celebrating the founders of the University as well as reaffirming its commitment to the defining vision and goals made in 2004.

It has become tradition for the day to be marked with a major lecture delivered by an internationally eminent scholar, who also signs the University's foundation declaration.

And this year the Foundation Day lecture was delivered by Nobel Laureate Professor Joseph Stiglitz, who then received an honorary degree from the University.

Also receiving an honorary degree was Professor Dame Julia Higgins, Senior Research Investigator in the Department of Chemical Engineering and Chemical Technology at Imperial College London.

Professor Dame Julia Higgins retired recently from her position as Principal of the Faculty of Engineering at Imperial. She has served as Vice President and Foreign Secretary of the Royal Society and she was President of the British Association for the Advancement of Science from 2003 until 2004.

Speaking before the lecture, Professor Stiglitz, who is Chair of the University's Brooks World Poverty Institute and former World Bank Chief Economist, said he believed the world is experiencing the



biggest crisis since Great Depression. And he praised UK proposals to overcome the economic crisis.

Professor Stiglitz, who was Chairman of the Council of Economic Advisers in the Clinton White House, is widely known for his critical stance on the privatization and liberalization policies promoted by

the World Bank and the IMF, which led him to step down from his position in the World Bank in 2000.

In 2001 he was awarded the Nobel Prize in economics for his analyses of markets with asymmetric information.

Europe's largest gift to poverty research announced

The largest ever European gift to development research has been made to the University by philanthropist Rory Brooks.

The Rory and Elizabeth Brooks Foundation outlined the details of the £1.4 million award to the University's Brooks World Poverty Institute (BWPI) at the Clinton Global initiative meeting in New York.

The sum, which builds on previous support from the Foundation of £1.5 million, will support the work of the country's leading bodies of development experts including Chair, Nobel Laureate Professor Joseph Stiglitz.

It will also fund ground-breaking partnerships between BWPI and those working with the poor to transfer BWPI's expertise across the world.

"I am particularly pleased to be able to contribute to extending the important work of the BWPI with this partnership with the BRAC Development Initiative," said Rory Brooks (pictured in Bangladesh).

Professor Alan Gilbert, President and Vice-Chancellor of the University, said: "We are honoured to be working on this profoundly important work in partnership with such far-sighted and thoughtful benefactors as Rory and Elizabeth Brooks.

"They continue to demonstrate a deep commitment, not just to the University, but more importantly to the global endeavour to reduce chronic poverty.



"This further generous commitment, with its focus on new global partnerships, promises to take the solutions-driven work of BWPI to the next level."

Meanwhile, Professors Tony Addison and David Hulme from the BWPI have contributed to the

recently launched Chronic Poverty Report 2008-09 called Escaping Poverty Traps.

The report has since been trailed at meetings across the world and focuses on policies to eradicate extreme poverty.



Extended learning on the menu - thanks to Alumni

Past graduates of the University have given current students some food for thought – after paying for library space that allows them to eat while they study.

In the past students were not allowed to eat in the library and that meant that when hunger struck they were forced to disrupt their studies.

But now the Your Manchester Fund – previously known as the Alumni Fund – has footed the bill to build and furnish a new 'library lounge', as part of a £160,000 package of measures designed to enrich learning across the campus.

In addition to the library space the Fund has purchased a minibus, to help extend the scope of volunteering projects as part of the Manchester Leadership Programme, and a

podcast facility that will be used for careers advice.

Andrew Spinoza, chairman of the Alumni Association and Your Manchester Fund Steering Group, made a special visit to the University to officially hand over the package.

And Nicola Cobham, the University's Head of Annual Giving, says these gifts are already proving welcome with students and staff.

She says the financial contributions from the Alumni are vital, but so too is the support and advice they offer on the student experience.

She said: "We raise this money from the graduates of the University – which is often made up of donations of £5 or £10 from lots of different people.

"The support of the Alumni is vital and also shows that we have their voice behind what we are doing. They tell us their opinions and they influence how we spend that money."

Meanwhile director of the Manchester Leadership Programme Jane Ratchford says the minibus is already helping students and the charities and community groups they help.

Every year the Fund pays out around £500,000 towards initiatives across the University – which are all designed to help meet the 2015 goals.

As part of the changes to the John Rylands University Library, significant investment has been made in recycling facilities.

General litter bins have been removed. And there are now numerous recycling points, enabling library users to recycle wastes such as paper, newspapers and magazines, plastic bottles, glass and cans.

It is now intended to introduce similar schemes throughout all the University libraries in the near future.

Your Manchester Fund

Alumni shaping the world of tomorrow



Past graduate recounts astounding life in new book

Dr Nina Murray has recounted the story of her remarkable life, from her noble birth in pre-revolution Russia to her career as an eye specialist in Derbyshire.

Dr Murray, who graduated in Medicine at the University in 1937, was born in St Petersburg, in 1913.

She and her family were stripped of their nobility, land, money, privilege and title during the Communist revolution.

And after escaping the country with the help of her father's English friend, she settled in Manchester in 1921.

As well as this turbulent time, her autobiography details the Second World War, her doomed marriage and the murder of her father.

In the book Dr Murray, now aged 95, delves into her medical training at the University and her career as a GP, before becoming an eye specialist in Buxton, Derbyshire.

The autobiography is called 'Ninachka: The Making of an Englishwoman' and it is published by Hamilton Books.

University champions gender equality in Science

The University has been presented with a national award in recognition of its work to champion gender equality in the sciences.

The Athena SWAN Charter is a scheme that recognises commitment to the advancement and promotion of the careers of women in Science, Engineering and Technology (SET) in higher education and research.

And the University is one of just six institutions to have won an Athena SWAN Bronze Award, in the latest round of awards.

The award demonstrates the University's ongoing commitment to women's career progression in Science, Engineering and Technology.

And it has been endorsed by Deputy President and Deputy Vice-Chancellor Professor Nancy Rothwell.

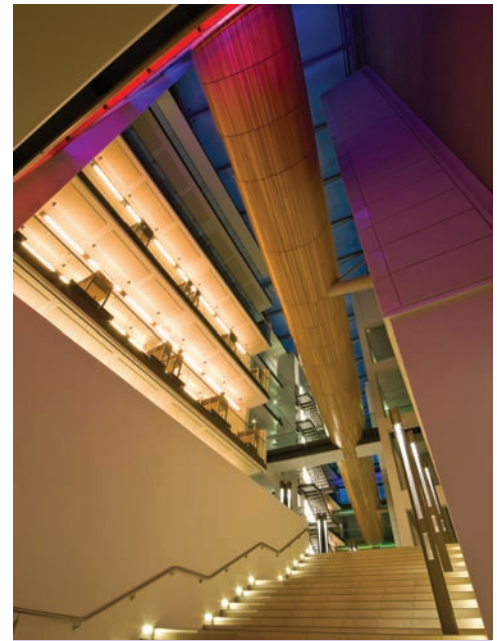
"As a scientist, I know both how under-represented women are, nationally and internationally, in some disciplines - especially at a senior level - and how important it is for the University to be able to recruit and retain the best academics and researchers from the widest possible pool," said Professor Rothwell.

"Therefore, I strongly endorse this award, conscious that we still have work to do but confident that we have the will to do it."

A number of SET schools are keen to apply for the scheme's Silver Award.

More information about Athena or applying for a Silver Award, is available from Patrick Johnson, Head of Equality and Diversity, on 306 8896 or at patrick.johnson@manchester.ac.uk

In brief



New research building named after Nobel Prize winner

Research groups from the Faculties of Life Sciences and Medical and Human Sciences have moved into the new AV Hill Building.

The £39 million building is named after Nobel Prize winner Archibald Vivian Hill, who held the Chair in Physiology at the University from 1919 to 1923.

It is sited between the Michael Smith and Core Technology building and connected to each by bridge links.

CEL redesigns headteacher qualification

Staff at the Centre for Educational Leadership (CEL) have redesigned the National Professional Qualification in Headship (NPQH).

The redesigned NPQH, which is currently being piloted in the North of England, aims to improve the quality of teachers available for headship through more personalised learning and to move the applicants more rapidly into that headteacher role.

Unlike the previous NPQH, those participating in the pilot will be expected to take up a headship within 12 months of completion.

CEL's Research and Development department say they have built on the strengths of the current model. But they have also put more emphasis on managing multi-disciplinary teams and on collaboration with other children's services and the local community of parents and residents.

Meanwhile senior representatives from the Training and Development Agency (TDA) have visited the Centre as part of a two-day trip to Manchester.

In 2009 the TDA will be moving 30 staff from London to Piccadilly Gate, in Manchester. And the CEL hope the move will result in closer working between the two organisations.

Monitoring 60 years of medical breakthroughs

A towering figure of monitors and TV screens has been showcasing some of the University's medical breakthroughs, as part of celebrations to mark 60 years of the NHS.

The 'Our Kid' multimedia exhibition - which has been on display at the University and the city's Central Library - shows footage of leading researchers and professionals talking about healthcare and research.

And it includes contributions from Deputy President Professor Nancy Rothwell, Professor Mark Ferguson, Dr Daniel Brison and Professor John Pickstone from the Faculty of Life Sciences, and Professor Bill Deakin from the Faculty of Medical and Human Sciences.

'Our Kid: Medical Manchester 1948 - 2008' has been organised by Nowgen, a Centre for Genetics in Healthcare, which is a part of the University's Faculty of Medical and Human Sciences.

And running alongside there have been a number of lunch-time events that have focused on progress made in the research of leukaemia, the city's founding role in IVF, the University's research to combat TB, and vaccination.

Professor Dian Donnai, Executive Director of Nowgen,



said: "Our Kid is an exciting way for us to tell an important story of the history of the NHS in the North West.

"Without the ground-breaking research undertaken by the NHS, lots of the medical breakthroughs which we take for granted just wouldn't have happened."

Also launched by Nowgen is a cartoon-style book, *Alisa's Tale - (A Short Story)*, which focuses on a young girl with restricted growth.

The book was written in collaboration with a group of young people, including Roseanne Scott (pictured). And the story shows how the central character grows in confidence as the story progresses.

The Our Kid exhibition and graphic novel will be displayed in the foyer of Manchester Central Library until Saturday, 29 November.

For further information visit the web address below.

Lessons in sustainability to make campus greener

The University is to put the spotlight on measures being taken across the campus to protect the environment, as part of a special day of sustainability events.

Whether it's cutting the amount of energy consumed in University buildings, helping staff and students to think about the way they travel to work or recycling waste, the University is committed to reducing the impact it has on the environment.

And as part of the 'Focus on Sustainability' event – on Wednesday, 12 November 2008 – staff and students will be able to gain a clear insight into the work that is ongoing on campus.

Since its launch, in 2004, the University has made a significant reduction in its carbon emissions through consumption of oil, gas and electricity.

And there are a number of initiatives designed to ensure the University's practices are as sustainable as possible.

An exhibition and a series of talks as part of the 'Focus on Sustainability' event will detail a number of University schemes including Cycle to Work, 'bin the bin', Fairtrade policies and the University's commitment to plant a new tree for every tree that is cut down as a result of construction work.

Meanwhile the University is also engaged in a number of research projects that, through advances in technology or changes in human behaviour, focus on sustainability and which could have a significant impact across the globe.

Among the research groups at the forefront of activity in this field are the Tyndall Centre for Climate Change Research, the Joule Centre for Energy Research, the Sustainable Consumption Institute and the Brooks World Poverty Institute.

And as part of the event, Professor John Handley, from the School of Environment and Development, will be among those giving a talk about research in this field.

The events has been organised by Professor Maynard Case, Associate Vice-President for Compliance, Risk and Sustainability (pictured above), who will be one of the speakers on the day.

'Focus on Sustainability' will be held at University Place, on Oxford Road, on Wednesday 12 November 2008. All members of staff and students are welcome – as is anyone else who would like find out more about the University's sustainability activities.



Focus on Sustainability: Speakers programme 12 November 2008, University Place

- 1.30pm Introduction, Professor Maynard Case, Associate Vice-President for Compliance, Risk and Sustainability (pictured above)
- 1.35pm Focus on the Global Threat, Professor Kevin Anderson, Tyndall Centre for Climate Change Research
- 1.55pm Focus on Research, Professor John Handley, School of Environment and Development
- 2.15pm Focus on the Campus, Trevor Humphreys, Directorate of Estates
- 2.30pm Focus on Opportunities, Jane Ratchford, MLP, Careers and Employability Division
- 2.45pm Focus on Students, John Broderick, Student, Manchester Business School
- 3pm Focus on the City Region, Mike Reardon, Manchester City Council.
- 3.15pm Focus on the Future, Professor Maynard Case
- 3.20pm Q & A. Associate Vice-President for Compliance, Risk and Sustainability

Online map predicts impact of congestion charge

Experts at the University are teaming up with BBC Manchester to produce a detailed picture of changing public opinion on plans to reshape the region's transport system.

Proposals to introduce congestion charging - as part of a plan to invest £2.7billion funding in the region's transport system - have sparked a huge debate, which has divided public opinion.

And now experts from the University's National Centre for e-Social Science (NCeSS) – along with BBC Manchester – have launched an interactive map, which aims to predict the impact the congestion charge would have on commuter behaviour.

Those who respond to the study will be asked to choose from a number of options relating to the way the charge for peak-time driving will affect their travel plans.

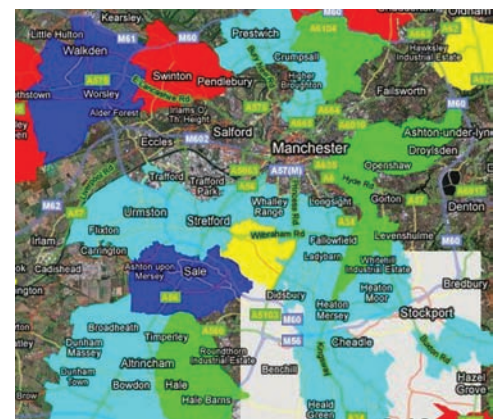
And their answers, combined with their postcodes, will be used to construct an online map of changing opinion.

Professor Peter Halfpenny, Director of NCeSS, says the maps will provide a rich source of information to the local authority planners tasked with carrying out the changes to Greater Manchester's transport system.

"Planners will gain an unfolding visual representation of the public's opinions about the proposals as the debate about them hots up," he said. "We hope as many people as possible contribute to this initiative."

"The more who do so, the better the views of the public will be represented on this far-reaching scheme which will affect the everyday travel plans of all who live in the region."

Those who take part in the survey will be asked to answer the question: If a congestion charge is introduced in Greater Manchester, along with significant investment in public transport whether they would: a) drive and pay the charge; b) drive at different times; c) use public transport/motorbike/bicycle; d) look for work elsewhere; or e) Not affected by these changes.



Contributions to the interactive map can be made at <http://www.maptube.org/congestion/>

This is NOT a scientific survey or poll and is not connected in any way to the official referendum process.



Mobile phones driving research that could reduce traffic

Academics from Manchester Business School are joining forces with computer giants IBM to develop technology that could significantly reduce the number of cars on our roads.

Although most cars can take five or more passengers, on the vast majority of journeys they are used by just the driver.

But now Manchester Business School research fellow Dr Steven Moxey and Professor Chris Easingwood are leading efforts to turn us into a nation of car-sharers.

As part of the project Steven (pictured above) has scrutinised attitudes to car-sharing. And he has identified a number of factors that currently put people off.

The difficulty of finding drivers to 'share' with, the possible risks of sharing a car with a stranger and fear of what they will do if their ride doesn't show up are among the draw-backs he has identified.

And, he says, even when commuters support the aims of cutting carbon emissions they will only change their behaviour if the alternatives are as convenient and don't incur additional costs.

Now IBM is using the research data to develop mobile phone technology that would counter the draw-backs and promote car-sharing.

The technology, says Steven, could be developed to alert drivers to other commuters who are heading

in their direction at a particular time, giving high levels of flexibility.

And, he says, that by using a new Web 2.0 self-rating system – like on e-bay – users will be able to judge the reliability of their ride.

It is hoped that the technology could be piloted with a number of companies across the country later this year.

"Previous research has shown people support environmental initiatives, but their behaviour can be different," said Steven.

"One of the ways around that problem is to appeal to people's rational and economic motivations, in a way that also meets environmental objectives.

"What we are trying to do here is to use the technology to create a new marketplace."

The project is one of a number of joint projects that the University is working on alongside IBM, as part of an ongoing partnership.

The University-IBM partners programme is three years old and has already been highly successful in building effective bridges between the two organisations in the areas of research and teaching.

Examples include the development of novel teaching and learning modules, and research into enterprise application integration. Additional partners will be recruited in the next few months.

In brief

Carbon labelling under the spotlight

Environmental labelling on food packaging and other products has been scrutinised by some of the world's leading experts, at an event hosted by the University.

The labels are used to communicate the amount of carbon dioxide (and equivalent gases) emitted during the production, transportation and consumption of the product.

And they were the focus of an event - "Can carbon labelling help Europeans live more sustainably?" – at the University's Sustainable Consumption Institute (SCI).

Among the speakers were the recently appointed SCI Director General Professor Mohan Munasinghe, one of the world's leading thinkers on energy, sustainable development and climate change.

And as well as looking at the science behind carbon labelling, the event examined the links between consumers, carbon and competitiveness.

Cool It competition to spread the environmental message

Students are being challenged to come up with innovative ways to persuade others to become more environmentally friendly.

As part of the Cool It competition – which is being run by TEAM, The Environment at Manchester – students have to create something that will consciously and unconsciously persuade people to change their behaviour.

Prizes for the competition, which is sponsored by BP, include air-mile-free organic grocery shopping, top of the range bikes and book vouchers.

Entrants can register for the competition at www.manchester.ac.uk/aboutus/coolit/. The deadline for entries is Friday, 14 November.

University joins forces with Shell on project to develop a new bio-fuel.

The University-based Centre of Excellence in Biocatalysis, Biotransformations and Biocatalytic Manufacture (CoEBio3) is to work with international petroleum company Shell on a ground-breaking bio-fuels project.

Professor Nick Turner, Director of CoEBio3, which has become one of the leading European centres in 'white' biotechnology, said: "White biotechnology has traditionally been the preserve of the pharmaceutical and fine chemical industries but is poised to expand dramatically over the next few years.

"CoEBio3 is extremely excited at the prospect of working with Shell in this innovative programme to further existing techniques in the field and develop new, ground-breaking technology."

Lessons in laughter for aspiring stand-up comics

Aspiring comics have been taught the serious business of making people laugh as part of a course offered by the University.

The day-long event, which was run by the University's Courses for the Public, was led by experienced comedy writer Jenny Roche.

Jenny is used to providing laughs for radio and television. And in the past she has contributed to radio shows like The News Huddlines and Week Ending, for ITV's Brian Conley Show and Channel Four's 11 O'Clock show.

Now, as part of the course Jenny has passed on her top tips for those brave enough to consider taking to the stage for a spot of stand-up comedy.

And as well as helping aspiring performers to see the funny side of heckling, she has shared a few of her favourite jokes.

Although she ranks Liverpudlian Ken Dodd as her top-rated comedian, she believes it's Manchester that has the richest comedy heritage.

"Manchester is teeming with talent like Steve Coogan, Peter Kay and Caroline Aherne and has lots of venues for comics to perform," said Jenny. "It's the best outside London."

Jenny, who has been writing since the early 1990s, added: "My students are generally either actors who see it as useful for their career, people who want to do it just for fun, and others – like



©Lestat (Jan Mehlich) Creative Commons

students – who use it to shape up their presentation skills."

Among those seizing on the chance to try their hand at stand-up comedy was former Bevin Boy Robert Benjamin, aged 82, who graduated with a History degree from the University, in August.

Sessions led by Jenny through the Courses for the Public programme are From Smilers to Gutbusters: Scripting for Comedy; Introduction to Freelance Journalism; Scriptwriting and Getting Started in Stand-Up Comedy.

Jenny's top jokes

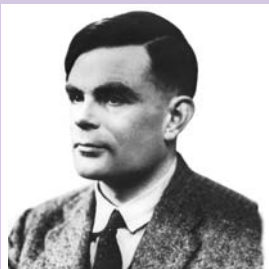
"They laughed at me when I said I wanted to be a comedian, well they're not laughing now." Bob Monkhouse.

"The marvelous thing about a joke with a double meaning is that it can only mean one thing." Ronnie Barker.

"She was such a gossip that it didn't take her long to turn an earful into a mouthful." Found in a joke book compilation.

Composer pays musical homage to father of computer science

The clicks, clacks, taps, whirs, buzzes and humming sounds made by the humble PC have been transformed into a musical soundscape - in homage to the world renowned mathematician Dr Alan Turing (pictured).



George Dennis, aged 23, who is based at the Novars Research Centre, and six other music students have composed the piece to commemorate the 60th anniversary of Dr Turing's arrival at the University.

First they recorded the sounds made by computers, including CD drives, computer fans and keyboards. Then they transformed them into entirely new sounds using specialist software.

The full team of composers involved in the project were: Jonathan Brigg, Thom Harrison, Heather Bamforth, Kat Rattray, Chris Clark and Mark Johnson.

The piece is called "Electric Sheep" after the Philip K Dick novel that later became the film Blade Runner.



Amis on Larkin's life, loves and letters

The Centre for New Writing's Professor of Creative Writing, Martin Amis (above centre), has hosted his first public event of the new academic year.

The novelist and critic was joined by poets James Fenton and John McAuliffe for a discussion of the work and legacy of Philip Larkin, who remains one of Britain's most influential and enduring poets.

The event, in the Whitworth Hall, was attended by 600 members of staff and students.

Computers could revolutionise breast-screening

Screening for breast cancer could be transformed, as a result of research by the University.

The study, funded by Cancer Research UK, found that a computer can safely replace a medical expert in a revolutionary way of interpreting a breast X-ray.

It has shown a single trained expert, plus a computer, is just as effective at detecting breast cancer as the two experts, who traditionally read a mammogram in the UK.

Dr Sue Astley, who led the research in Manchester, says the 'computer-aided detection' (CAD) system could free up staff and lead to an increase in the number of screenings that can be achieved.

"We hope this will be seen as a definitive study and it will persuade the breast screening programme committee to adopt the CAD system, so we can expand the programme and work

more on investigating any abnormalities," said Dr Astley.

"Radiologists frequently look at scans of 100 women in one session; they work in a darkened room and require huge concentration. The advantage of using a computer is that it doesn't get tired."

As part of the study – which has been published in the *New England Journal of Medicine* – 28,000 women had their mammograms read both in the conventional way by two radiologists and also by a single radiologist using the computer.

The study found that film readers using the CAD program, where mammograms were read by a single expert plus the computer, was as good at finding cancers as the standard UK practice, where two experts read each mammogram.

The research was conducted in conjunction with the University of Aberdeen.

£2 million study to reveal function of dementia genes

A University study is to look at the biological causes of the second most common form of dementia.

Frontotemporal lobar degeneration (FTLD) is a group of dementias that affect the frontal and temporal lobes of the brain.

And unlike Alzheimer's disease, which is the commonest form of dementia, it is characterised by behaviour and language dysfunction, rather than memory loss.

Errors in two genes – tau and progranulin – have been identified as causes for FTLD, but these only account for 10% of cases.

Dr Stuart Pickering Brown, from the School of Translational Medicine, and his team believe other genes also play a vital role.

And now they have been awarded a £1.9million Senior Fellowship grant by the Medical Research Council.

"Our research suggests other genes may be important in regulating the amount of tau and progranulin in the brain," said Dr Pickering-Brown.

"Progranulin is associated with wound healing but little is known about its function in the brain, so we now plan to study the effects of progranulin on cells and explore how it is affected by other genes."

The MRC Senior Fellowship awards are aimed at independent researchers of exceptional ability. Only five awards were handed out this year across all fields of medical research.



Fishy tale in the fight against skin cancer

Scientists have launched a pioneering study to discover whether fatty acids found in oily fish could reduce the risk of skin cancer.

The research, funded by cancer charity AICR, will test whether dietary omega-3 can protect against the disease by boosting the body's immune system.

More than 60 healthy volunteers will be recruited to work with Professor Lesley Rhodes and her team at Salford Royal Hospital as part of the study, which will examine whether successful lab test results can be replicated in people.

The project's Clinical Research Nurse, Sue Bennett (pictured), said: "The ultraviolet radiation present in sunlight is a complete carcinogen, both initiating and promoting cancer development.

"The UV radiation promotes cancer development through its ability to suppress the immune system in the skin. The immune system protects against skin cancer, probably by killing off cancerous cells before they can develop into a tumour.

"This research will explore whether dietary omega-3 fatty acids, as found in oily fish, can protect human skin from the immune suppression caused by UV light and hence reduce the risk of skin cancer."



Gruesome life of first female missionary to Britain revealed

Historian Glyn Redworth has shed light on the little known life of Spaniard Luisa de Carvajal, who is believed to have been first female missionary to Britain.

In his book, 'The She-Apostle', Dr Redworth exposes the suffering endured by Catholics who refused to attend Church of England services under James I.

And he recounts Luisa's mission to secretly rescue and preserve the remains of executed priests - who were hung, drawn and quartered - and then send them as religious relics to hardline Catholics on the continent.

Dr Redworth, who is based at the School of Arts, Histories and Cultures, is the first historian to examine hundreds of letters, writings and poems by Luisa de Carvajal - many of which were left unsorted in boxes at a Madrid convent.

"There's no doubt that this Spanish aristocrat was one of the first female missionaries since Medieval times and possibly ancient Rome," he said.

"She was disgusted by the English, who she said threw carrots into carts which the day before had carried the bodies of plague victims.

"But her own habits could leave a lot to be desired: she sent body parts of executed priests to her friends and allies in Europe as compelling mementoes of religious persecution."

Almost 400 years after her death Luisa's body remains in a casket unburied in Spain, until the Catholic Church decides if she's a saint.

Dr Redworth has recently been appointed to one of the most prestigious visiting academic posts in Spain. He will start his year-long tenure as the 'Queen Victoria Eugenia' Chair in September.



Looking forward to a celebration of Manchester's past

A University academic is calling on staff and students to contribute to the Manchester Histories Festival.

The festival - which is being organised in partnership between the University, Manchester Metropolitan University and the city council - is designed to showcase the city's unique historical importance as the first industrial city, as well as its role in the co-operative movement, free trade, Marxism and women's suffrage.

It will highlight the city's historic landmarks, such as being home to the first public library and Britain's first professional orchestra.

And it will include a collection of exhibitions, displays, performances, archive recordings, lectures and historical walks.

Professor John Pickstone, from the Faculty of Life Sciences is chair of the Manchester Histories Festival Executive.

And he is appealing for anyone who would like more information about the festival or who would like to be involved to contact him at john.pickstone@manchester.ac.uk or festival co-ordinator Clare Pye, at clare.pye@manchester.ac.uk

More information can be found at the web address below.

www.manchesterhistoriesfestival.org.uk

Meteorites 'behind volcanic eruptions' say scientists

Gases that cause volcanoes to erupt may have spewed from meteorites that smashed into the earth billions of years ago, according to new research from the University.

Work by Professor Chris Ballentine in the School of Earth, Atmospheric and Environmental Sciences, challenges the conventional belief of scientists that the earth's earliest atmosphere came from solar nebular gases attracted and trapped by gravitational pull.

The gases that cause volcanoes are trapped in the deep earth and are only released when rock is melted and volcanic eruptions and fire fountains occur.

But putting gas into rock requires extreme conditions. Researchers say a clue to how this actually happened is the release of 'light' helium - or the ³He isotope -

from mid ocean ridges. Light helium is not produced on earth and somehow became trapped when the earth formed.

Professor Ballentine's studied commercially produced volcanic CO₂ gas from the US and found a 'meteorite signature', which suggests the massive early atmosphere came from meteorites spewing out gas on impact.

The research, which was presented at the recent BA Festival of Science, also suggests that sea water appears to be leaking into the deep earth, with half of the water in the earth's mantle - the region of the earth between the crust and the core - estimated to come from this source. Scientists have previously argued this is impossible.

Shoe scanner set to make travel safer

An engineer at the University has developed a prototype scanner that could be used to detect explosives and weapons hidden in the shoes of travellers.

Currently travellers are routinely asked to take off their shoes for security inspection – which can cause long queues at airports.

However Professor Wuqiang Yang from the School of Electrical and Electronic Engineering, has come up with the SecuriScan system that can spot an item that's been concealed in a shoe – without the need to take it off.

The current prototype system uses electric and magnetic sensing to form a colourful computer image of a person's shoes. And in lab conditions the shapes of both metallic and ceramic knives are clearly visible when inserted into shoes.

The technology has already triggered considerable interest among airport security chiefs in both the US and the UK.

Ultimately it is thought it could be used to screen shoes for concealed items as passengers walk through passport control or through traditional security checks - with passengers not necessarily being aware that their feet were being monitored.

Prof Yang said: "The major difference between SecuriScan and existing security scanning methods is that this patented technology does not use any radiation source, such as X-ray, which causes safety concerns and is expensive both to purchase and maintain, and microwave, which uses the same technology as used in microwave ovens and again causes safety concerns.

"At present, what we have is basically a laboratory toy. What we need to do now is develop a more advanced and realistic prototype and for this we need the co-operation of industry and the relevant authorities."

Prof Yang says that once the system has been fully developed, it would cost only a few thousand pounds and could be installed under carpets, tiles or flooring in airports.

In addition, he says it is also capable of learning the characteristics of new threat substances and non-metallic weapons. In this way, the system would not rely so heavily on human spotting, as the technology would alert staff when it detected something suspicious.

Professor Yang, who is based in the Sensing, Imaging and Signal Processing Group, is now working on hand-held versions of the detector that could be used to screen abandoned luggage or to scan envelopes and parcels delivered to companies.

He is also looking at whether the underlying technology – known as electrical capacitance tomography – could be used in the detection of plastic land mines.



Scientists develop new technique to make the virtual world more real

Computer scientists are using a pioneering new technique to make computer games more realistic.

Although games for PCs and consoles are becoming increasingly realistic, there are still flaws that can distract from the gaming experience.

Recreating the appearance of common materials is currently a long and expensive process. But now a new method invented by researchers in the University's School of Computer Science could revolutionise the way games look.

In the first stage of the process two photos are taken of a surface with a digital camera, one with the flash and one without.

Then a computer programme developed by the team is able to recreate the surface texture in 3D by analysing the shading patterns in the images.

The system has been tested on volunteers, who were unable to tell the difference between the expensive laser scanned images and the new photo based images.

Lead researcher Dr Mashhuda Glencross said: "We initially developed the technique for the architecture industry, where it would be used for visualising buildings and adding surface detail for increased realism. There is also potential for it to be used in movies."



Rajinder's Realm

He was only three years old when he was bowled over by a Bollywood movie – and now he is an international authority on the genre. Dr Rajinder Dudrah clearly remembers his first encounter with the cinema in Birmingham, held aloft on his dad's friend's shoulders as they pushed their way through the crowd. It was a big, noisy event – the film being shown was the biggest Bollywood film of all time, *Sholay*, a sort of spaghetti Western, directed by Ramesh Sippy. "I wondered whether going to the cinema was always as exciting as that," he says.

That was in 1975 and his fascination with Bollywood remains as gripping as ever.

His book, *Bollywood: Sociology Goes to the Movies*, published by Sage Publications in 2006, is a best seller, with chapters from it having been translated into Hungarian. And he is now a global commentator on the subject and the wider field of Asian and World Cinema, seen, heard and read frequently on international television, in global newspapers, the BBC World Service, Radio Five Live, and the BBC Asian Network. For the latter, he is currently making a weekly series on the must have 50 Indian Cinema DVDs of all time.

As Head of Drama and Director of the Centre for Screen Studies, he is delighted at the University's development in the field and its position as one of

the leading academic departments in the country. He is also proud of the fact that hands-on filmmaking progresses alongside the academic work.

"It's very exciting," he says. "Interest in this area has mushroomed over the last few years." More than 900 applicants competed last year for the 80/90 places available in Drama.

His appointment as Lecturer in Screen Studies in 2002 enabled the School to extend its range beyond Western cinema to South Asian and World Cinema, and black British representation in the media. Now, there are six members of staff teaching across theatre and screen studies in Drama.



Another of his lifelong enthusiasms is Bhangra music – and, in 2007, his book *Bhangra: Birmingham and Beyond*, the first ever book on British Bhangra, was published (by Punch Records and Birmingham City Council) to great acclaim. A German publisher is already interested in translating it. “I’ve always been a fan,” he says. “Writing the book allowed me to explore how Britain has changed for the better in becoming multicultural and to celebrate the fusion of musical forms, pop, folk, urban and the rest.”

The consistency of his enthusiasms from his early days as a boy in Birmingham is striking. He is true to his roots as a thoroughly grounded British Asian. One of seven children born into a working-class family in the Aston area of the city, he was the first and only child to go to university. In 1991, he chose to go to Portsmouth to do Cultural Studies (“Apart from anything else, I wanted to get away from Birmingham, looked at the map and Portsmouth seemed to be about as far as I could get – and by the sea.”)

He read Cultural Studies – “That gave me a solid grounding in social and cultural research, which has stood me in good stead.” He got a First “thanks to having fantastic mentors” and was inspired by Sue Harper, Professor of Film, and also Frank Mort, who was also a lecturer at Portsmouth then, and more recently is Professor of History at Manchester. Rajinder went on to do his PhD at Birmingham’s world famous Cultural Studies centre. His topic was British Asian Identities and Popular Culture.

In 1999, he returned to Portsmouth as Research Fellow in Sociology. “It was a lovely job, a halcyon post,” he says. “I just got on with my research.” And he was very productive – with six published refereed articles in one year. After three happy and progressive years, he got the opportunity to come here.

As a highly-regarded scholar, he is at the heart of the billion-dollar Bollywood phenomenon, with the glittery musical romances pulling in the crowds, but so far failing to seduce western audiences en masse. But can the breakthrough be far away?

“There’s a lot more to Bollywood than songs, glitter and dance,” says Rajinder. “The challenge is to see how truly global it can become, without losing its generic panache. We’re now in the era of co-production and you can regularly find Bollywood films in mainstream multiplexes here.”

Britain is reportedly Bollywood’s second-biggest market outside the subcontinent, reflected by the fact that the Indian Film Academy Awards were held in Sheffield last year.

In Manchester, major events are planned, the first one in November at Contact Theatre. Rajinder is curating a big international project, which will hinge on a several months-long celebration of Bollywood and has attracted an Arts Council grant.

Inspired by Rajinder’s Bollywood book, Manchester artist Subash Pall got in touch with him to initiate the project. Crucially, it is tapping into the highly-prized Kamat Foto Flash Studio in Mumbai, which has a vast archive of stills taken since the 1930s on the closely-guarded Bollywood film sets.

“It’s absolutely priceless,” says Rajinder. “Those stills provide the source for the artists who create those huge hoardings which promote the movies and compete for public attention in Mumbai and other places.”

In addition to Subash and the famous Kamat family, who have had three generations of photographers on the film sets, his collaborators include SHISHA, the Manchester-based South Asian Arts agency, and Punch Records of Birmingham.

Following the months in Manchester, the project will go on a nationwide tour.

Sitting in an office whose walls are filled with posters and pictures celebrating his Bollywood fascination, Rajinder, an affable, charming and articulate champion of his subject, is a happy man. It’s a long time since his dad’s friend hoisted him on his shoulders and got through that crowd, memorably shouting “Child coming through”. The child has come through all right and made his own significant mark in the Bollywood story.

Name

Dr Rajinder Dudrah

Position

Head of Drama and Senior Lecturer in Screen Studies, School of Arts, Histories and Cultures, The University of Manchester.

Education

- 2002 PGCE in Teaching and Learning in Higher Education, University of Portsmouth.
- 2001 PhD in Cultural Studies, University of Birmingham.
- 1994 BA(Hons) in Cultural Studies (First Class), University of Portsmouth.

Career

2006: Head of Drama and Senior Lecturer in Screen Studies, The University of Manchester.

2002 – 2006: Lecturer in Screen Studies, Department of Drama, The University of Manchester.

1999 –2002: Research Fellow in Sociology, School of Social, Historical and Literary Studies, University of Portsmouth.

1995-1998: Teaching Assistant and part-time Lecturer in Media and Cultural Studies, University of Birmingham.

1995-1996: Part-time lecturer in Film and Media Studies in the Centre for Journalism Studies, Cardiff University.



Museum becomes stepping stone to brighter future

The success of a volunteering project at Manchester Museum has been recognised in a national award scheme.

As part of the 'In Touch' project the Manchester Museum and the Imperial War Museum North recruit a number of volunteers, who may – for example - have been unemployed for a long time, have outdated or low level skills or be at risk of offending.

The recruits undergo a 10-week cultural heritage course, which includes basic literacy skills. And on completion of the course they can help out in the Museum's galleries.

Many of those who have taken part in the 'In Touch' programme have gone on to secure employment in the cultural sector, to pursue further learning or to take on further volunteering projects.

The project has won the regional groups category of the Nationwide Community and Heritage award. And later this month it will be considered for the national award too.

"This is a great achievement for the volunteers and the partnership between the Manchester Museum and Imperial War Museum North," said Adele Finley, volunteer co-ordinator at the Manchester Museum.

"It recognises the great work that our volunteers have been doing, connecting visitors to the collections and exhibitions in both museums."

The 'In Touch' volunteer programme has been running for two years and is funded by the Heritage Lottery Fund.

University experts teach Bedouin women a crafty way to earn a living

Research student Hilary Gilbert and weaving expert Dr Gabi Wortmann are setting out to help women in one of the poorest areas of the world to make a living out of wool.

Traditionally the Bedouin tribes, living in the shadow of Mount Sinai, in Egypt, have always kept sheep. But although they have used the wool in tent-making, they have never used it for clothing.

Now Hilary (pictured below) has launched a project to teach the women how to transform the wool into felt, which can be used for blankets and some items of clothing.

Hilary, who is a student of the Institute of Development Policy and Management, in the School of Environment and Development, has already made a number of visits to the region as part of her PhD research into the impact of conservation and development on Bedouin people in St Catherine's National Park.

In the past she has shown a small number of Bedouin women the basics of felt-making. And this week she is set to return to the region with Dr Wortmann, from the School of Materials, to help the women to perfect their skills and to start to transform the felt into items that they can use.

Ultimately it is hoped the items will be professional enough to

sell to the tourists, who travel from the resort of Sharm El-Sheikh to nearby Mount Sinai.

"Traditionally the Bedouin people used to live in tents so they have no tradition of making clothes out of their wool," said Hilary. "Now they don't live in tents, they live in houses, but have never used wool to make clothing.

"It turns out the wool isn't suitable to knit – but you can make felt with it. And Gabi is an expert in making felt.

"At the moment the ladies are just learning the technique and

making squares, but soon they will be able to make blankets and rugs. After that it's very easy to put in a lining inside to make a jacket out of it or mittens

"We are hoping it will become a social enterprise, but it will take time for them to be good enough to sell what they make."

Hilary came up with the idea of felt making after bringing a sample of the wool back to the University, where experts in the School of Materials analysed it and found that it was too coarse for knitting.



Child's play is big business for MBA students

Students from the Manchester Business School have been working on ways to improve an interactive toy that has already won the backing of some of the country's top entrepreneurs.

The i-Teddy is a cuddly toy that has a personal media player in its tummy, allowing children to watch fun and educational material anywhere and at any time.

It is the brainchild of Bolton businessman Imran Hakim, who graduated from UMIST in Optometry and Vision Sciences in 2000. And when it appeared on BBC's Dragons Den it won the backing of businessmen Peter Jones and Theo Paphitis.

Earlier this year Imran enlisted the help of a group of students from the Manchester Business School to come up with new ways for children to engage with the i-Teddy and the associated website.

They have now delivered a string of recommendations, including a way to use i-Teddy to share photos between family members who live a distance apart. And Imran expects at least some of the students' ideas to be implemented in future.

Full-time MBA student Paige Lubawy (pictured) believes the student input could extend the life of the toy and could keep customers and children returning to the iTeddy website, time and time again.

But she says the experience has also been valuable to them, offering a vital insight into a different business realm and the opportunity to work alongside an entrepreneur.



"This has been a much more valuable experience than just reading from a text book," said Paige.

Academics believe it's this project-based approach to learning that makes the Manchester MBA stand out.

Professor Tudor Rickards, Professor of Creativity and Organisational Change at the Manchester

Business School, said: "Certain types of learning can only take place when embedded in realistic situations.

"If you are taught something in a classroom you learn about it. If you get people engaged in a real project they get involved at an emotional level and you don't get that from a classroom."

Cutting edge tool snips its way to success

Mobile phone technology which helps trainee hairdressers produce stylish haircuts has been voted Britain's best examples of handheld learning in higher and further education.

The system, developed by the University, means trainees can refer to specially formatted learning materials – all written by experienced hairdressers – while they work.

It is already being used across the UK and featured prominently in the recent £6 million Government-funded Mobile Learning Network (MoleNet) initiative.

And now it has won the Tertiary, FE, HE and Adult Category of the Handheld Learning Awards.

"Hairdressing training for mobiles is the first service of its kind in the UK - and is going from strength-to-strength," said Stuart Smith from the University's data centre MIMAS.

"This system is particularly helpful for trainee stylists, who are often 16 and 17-year-olds. This group uses mobiles a lot and this system has proved to be affordable and attractive to them."

The Handheld Learning awards are presented at the Handheld Learning Conference, which is the world's largest international event for learning using mobile or ubiquitous technologies.



Virtual lectures are MAGIC

A new high-tech mathematics teaching network has been launched at the University to improve postgraduate education.

The Mathematics Access Grid: Instruction and Collaboration (MAGIC) project offers access to interactive postgraduate lecture courses in mathematics at 18 universities.

Academics at all participating MAGIC universities can give lectures that can be 'attended' by PhD students at any of the other partner institutions.

And MAGIC enables postgraduate mathematical sciences students to access training in a much broader set of advanced topics than has been traditionally possible.

At this University teaching sessions will be delivered from special Access Grid rooms, containing all the necessary sophisticated video conferencing equipment, including a huge projector screen, several Web cameras and desk microphones.

And the founders believe it provides a glimpse of the form advanced training in many other subjects may take in the future.

Professor Jitesh Gajjar, from the School of Mathematics, has been instrumental in driving forward the MAGIC project, which has received £855,819 of funding from the Engineering and Physical Sciences Research Council (EPSRC).

What's On

Centre for New Writing

Mon 10 Nov, 6.30pm, John Thaw Studio Theatre (MHC), (£5/£3)

Novelist Jenny Diski

Diski's most recent book, the highly praised travel memoir *On Trying to Keep Still*, described her journeys in New Zealand, Lapland and the English countryside.

Mon 1 Dec, 6.30pm, Whitworth Hall, (£5/£3)

Martin Amis Public Event: Literature and Science

The Centre's Professor Martin Amis will turn his attention to the relationship between literature and science, and the interplays, parallels and tensions which exist between them.

The Martin Harris Centre for Music and Drama

Bridgeford Street, Manchester M13 9PL

0161 275 8951/8950

email boxoffice@manchester.ac.uk

www.manchester.ac.uk/martinharriscentre

Courses for the Public

Thursday 13 Nov 7pm-8.30pm, £7 Roscoe Lecture

Einstein's Theory of Relativity

Prof Jeff Forshaw
Not as difficult as they would have you believe and infinitely fascinating.

Day schools. All day schools are from 10am-4pm and cost £45 each (10% discount for staff)

Friday 7 Nov

What's the Game? Pinter's Early Plays

Dr Roger Holdsworth

2008, the 50th birthday of the Birthday Party is a good time to assess Pinter's early dramas.

Friday 14 Nov

Family Secrets

Prof Carol Smart

A sociological look at the complexities of family life in Britain in the 20th Century and the nature and causes of modern secrets.

Friday 14 Nov

The Changing Face of Immigration into the UK

Rebecca Ehata

Examining the political debate on immigration and its ramifications. How have the systems used to control immigration evolved?

Saturday 22 Nov

Ethical Limits? A dialogue between science and philosophy.

Dr Mark Leech and John Ackroyd.

Recent advances in the biology of disease and the ethical implications in the context of deontological and consequentialist ethics, Kant and Popper.

Saturday 22 Nov

Music and War

Dr Robert Beale

Explore some of the most powerful works of music ever written and the circumstances that gave rise to them.

Frontiers of Medicine Course

6 weekly lectures from leading researchers starting

Tuesday 4 Nov, 6.30 - 8.30pm, £60

Can you catch cancer? Dr Ian Hampton .

Stem cells in diabetes. Prof. Neil Hanley.

SOS, the Stress Response and Treatments for Arthritis.

Prof David Ray.

What Makes the Heart Beat? Why Does it Fail? Can it be Repaired? Prof David Eisner.

Predicting Pregnancy Problems. Dr Phil Baker.

Getting to Grips with the Gut. Dr John McLaughlin.

For more information and an application form, please visit our website

CCE, 1st Floor, Ellen Wilkinson Building

0161 275 3275

www.manchester.ac.uk/coursespublic

Contact Theatre

Knock Against My Heart

Thurs 6 Nov to Fri 7 Nov, 7.30pm (also 1.30pm on Fri 7 Nov), £8/£5

Set to the music and soul of Rio's favelas, Theatre Centre presents a thrilling new play inspired by Shakespeare's *The Tempest*, developed in a unique collaboration with Brazil's acclaimed theatre company Nós Do Morro.

Shadow Companion

Tues 11 Nov to Wed 12 Nov, 7.30pm, £10/£6

Two shattered communities. Two broken homes. Two best friends. A fearless examination of prejudice and friendship between rival communities in 21st Century Britain.

Spectacular

Tues 18 Nov to Sat 22 Nov, 8pm, £10/£6

Simple, logical, absurd, impossible and comical by turns, *Spectacular* is the provocative and playful new show from Forced Entertainment. Suitable for ages 16+.

The Brothers Size

Tues 25 Nov to Sat 29 Nov 7.30pm (also 1.30pm on Thu 27 Nov), £8/£5

A young American writer mingles Nigerian Yoruba myth with the earthly poetic life of present day Louisiana to create a playful and deeply original drama. *Post show discussion on Wed 26 Nov.

Oxford Road, Manchester

Tickets/Info 0161 274 0600

www.contact-theatre.org

Chaplaincies

St Peter's House Chaplaincy

SUNDAY WORSHIP

11am Holy Communion

12.15am Bible Study

12.45 Lunch (1st Sunday)

6.30pm Evening Worship (term-time only)

FOYER 10am - 5pm

An area where students and staff can relax and meet friends. A tea/coffee machine is available.

Precinct Centre

0161 275 2894

email sph.reception@manchester.ac.uk

RC Chaplaincy, Avila House

Mass Times (term-time only)

SUNDAY: 7pm (in the Holy Name Church) next door to Chaplaincy

Mon, Wed, Fri: 6pm in the Chaplaincy Chapel

Tues, Thurs: 12.15pm in the Chaplaincy Chapel

Oxford Road (opposite the Students' Union)

0161 273 1456

email info@rc-chaplaincy-um.org.uk

www.rc-chaplaincy-um.org.uk

The Jewish Student Centre and Synagogue

Hillel House, Greenheys Lane

0161 226 1139

email rabbiiyy@hotmail.com

www.rabbiiyy.com



The Manchester Museum

SPECIAL EXHIBITIONS

Lindow Man: A bog body mystery until 19 April 2009

Birth Rites until 30 Nov 2008

This exhibition features a series of artworks produced as a result of collaborations between artists and childbirth professionals working together to explore the politics and practice of childbirth in our society.

FAMILY ACTIVITIES

Sat 8 Nov 11am to 4pm

Big Saturday, Stick Insect Day

Stick insects (phasmids) are the masters of camouflage. Explore our amazing stick insect world and take the stick insect challenge. With experts from the Phasmid Study Group you can find out everything

Fri 28 Nov, 11am to 12noon

Magic Carpet: stick insects

Join us for insect-themed stories and activities

Sat 6 Dec, 11am to 4pm

Harry Potter Day

What dastardly spells and plants will be in the new Harry Potter film? Discover the magical world of real plants and animals from the Museum's collection, from owls to mandrakes, and take part in some wizardly activities. For the lucky few, you can book onto a Harry Potter-themed behind-the-scenes tour of the herbarium plant store, set in the Hogwarts-style tower.

MANCHESTER CAFÉ SOCIETY

Manchester's Café Society is a place where, for the price of a glass of wine or a cup of coffee, anyone can explore the latest ideas in science, culture and the arts. Talks are either in the café or the Museum's Discovery Centre.

Ideas Café, Why did it survive?

Mon 3 Nov, 6.30-8pm

Buddhism, imperialism and display

Wed 5 Nov, 3-5pm

Tour of Lindow Man exhibition

Fri 14 Nov, 1-2pm

The Manchester Museum Day School, Lindow Man exhibition

Sat 15 Nov

Melody in the Museum

Sat 22 Nov, Shows throughout the day

Human remains: issues and challenges

Wed 3 Dec, 3-5pm

Opening hours

Open: Tues-Sat 10am - 5pm

Sun-Mon (and Bank Holidays) 11am - 4pm

FREE Admission

The Manchester Museum

Oxford Road, Manchester

0161 275 2634

www.manchester.ac.uk/museum

Jodrell Bank

EVENTS

Christmas at Jodrell Bank

2- 23 Dec

Try something different this Christmas. Enjoy a visit to Jodrell Bank, experience the unique Lovell Radio Telescope, wonder around the Arboretum and take a journey to Mars in the 3D theatre. Then sit down to a wonderful home cooked three course Christmas lunch.

Jodrell Bank Observatory Visitor Centre

Macclesfield, Cheshire

01477 571339

www.manchester.ac.uk/jodrellbank/viscen



Music and Drama at Manchester

Thurs 6 Nov, 1.10pm

Quatuor Danel Lunchtime Concert

Russia's best-known living composer on the unfinished final from Bach's Art of Fugue; and Weinberg enters into conversation with the private, tortured world of his mentor's late quartets.

Sat 8 Nov, 7.30pm

THE UNITED CO-OP MILNROW BRASS BAND

The band will present a diverse collection of music from Mozart to McCartney! The evening will also acknowledge the importance of the remembrance weekend with specially selected music.

Thurs 13 Nov, 1.10pm

New Noise

The British duo New Noise was formed at the turn of the millennium, and comprises of oboist Janey Miller, and percussionist Joby Burgess.

Fri 14 Nov, 7.30pm

The University of Manchester String Orchestra

An evening including Mahler's magical Adagietto combined with a richly varied programme will make this a magnificent concert.

Saturday 15 Nov, 7.30pm

The University of Manchester Symphony Orchestra

A Hungarian programme for Mark Heron to open his third season with us. Two of Bartók's most glittering masterpieces with a bit of Brahms to season their acerbic

Wed 19 Nov, 7pm

The BBC Philharmonic continues its series of Chamber Concerts at the Martin Harris Centre for Music and Drama.

Thurs 20 Nov, 1.10pm

Helen Chadwick Group

Uplifting performance of beautiful a cappella songs, wild stories and heady rhythms with foot patterns and body percussion, inspired by Helen's tours in South America.

Fri 21 Nov, 7.30pm

Vaganza - My Fellow Americans

Who would have guessed that University of Manchester composer Kevin Malone is 50 this year? VAGANZA celebrates with a day of serious musical fun.

Sat 22 Nov, 7.30pm

Manchester University Wind Orchestra & Manchester University Wind Ensemble

Three British composers and their take on three American scenes intermingle between Mark Camphouse's moving work Elegy and Gregson's effervescent Concerto for Piano and Wind.

Thurs 27 Nov, 1.10pm

David Fanning & Richard Whalley - piano duo

The Paris premiere of The Rite of Spring in May 1913 provoked a scandal, thanks to Nizhinsky's choreography and Stravinsky's tumultuous score.

Fri 28 Nov, 1.10pm

The University of Manchester Brass Ensemble takes to the stage in a lunchtime concert featuring Hindemith's Konzertmusik.

Fri 28 Nov, 7.30pm

The University of Manchester Big Band present an evening of original music for Big Band combined with groundbreaking music of its time by Thelonious Monk, Miles Davis and Wayne Shorter.

The Martin Harris Centre for Music and Drama

Bridgeford Street, Manchester M13 9PL

0161 275 8951/8950

email boxoffice@manchester.ac.uk

www.manchester.ac.uk/martinharriscentre



Gig Guide

MANCHESTER ACADEMY 1, 2 and 3

The Stranglers Fri 7 Nov - £23 Adv

Airbourne + Stone Gods Sat 8 Nov - £12 Adv

Joe Bonamassa Sun 9 Nov - £20 Adv Doors 7pm

Cardinals feat Ryan Adams Mon 10 Nov - £24 Adv

Marillion - Happiness Is The Road Tour 2008

Fri 14 Nov - £22 Adv

Fat Freddy's Drop Sat 15 Nov - £17.50 Adv

Less Than Jake Pepper + Imperial Leisure + Beat Union

Sun 16 Nov - £14 Adv Doors 7pm

Extreme Tue 18 Nov - £28.50 Adv

Stephen Lynch Thu 20 Nov - £16 Adv (Seated show)

New Found Glory + Set Your Goals + Four Year Strong +

Crime in Stereo Fri 21 Nov - £15 Adv

Thunder Sat 22 Nov - £21 Adv

Opeth Sun 23 Nov - £17 Adv Doors 7pm

The Fratellis Tues 25 Nov - £20 Adv

The Script Wed 26 Nov - £14 Adv SOLD OUT

Roisin Murphy Fri 28 Nov - £16.50 Adv

The Complete Stone Roses Sat 29 Nov - £12.50 Adv

Looking Rough At 30 with Jarvis Cocker + Guests

Sun 30 Nov - £17.50

Tickets from:

Students' Union, Oxford Road

Piccadilly Box Office @ easy Internet Café (c/c)

0871 2200260

Royal Court (Liverpool) 0151 709 4321 (c/c)

Students' Union

Oxford Road, Manchester, M13 9PL

0161 275 2930

www.manchesteracademy.net

John Rylands Library (Deansgate)

Visit the historic John Rylands Library on Deansgate, central Manchester, home to one of the country's greatest collection of printed books, manuscripts and archives. Regarded as one of the city's most beautiful buildings, the Library has been voted Manchester's Best Iconic Building in the MCR Awards 2007. Permanent exhibitions tell the story of the Library, display treasures from the collections and include interactive exhibits to engage visitors.

Close-up Session: every Thurs 12.15pm

Enjoy a closer look at selected items from the Library's outstanding collections and find out more about the building every Thursday lunchtime.

Public opening hours

Mon and Wed-Sat 10am-5pm

Tues and Sun 12pm-5pm

Reader opening hours

Mon-Sat 10am-5pm

FREE ADMISSION

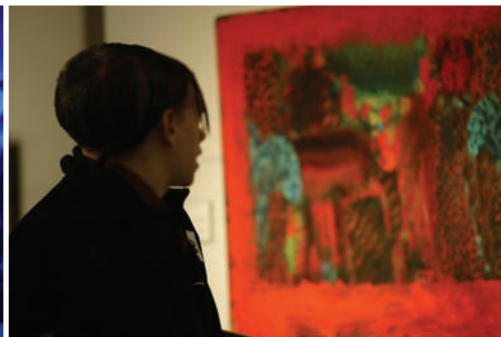
The John Rylands Library

150 Deansgate, Manchester, M3 3EH

0161 306 0555

email jrl.visitors@manchester.ac.uk

www.manchester.ac.uk/library



The Whitworth Art Gallery

DISPLAYS/COLLECTIONS

Cloth and Culture NOW until Dec 2008

This exhibition aims to examine textile as both a global language and as a medium that can express a sense of local and regional identity

Drawing Stonehenge until 23 Dec 2008

Work by six artists whose challenge was to respond artistically to the biggest ever archaeological dig at Stonehenge in August 2007.

Some Smaller Things until Summer 2009

Inspired by the iconic status of Stonehenge, a new selection has been drawn from the Whitworth's collection of drawings and prints.

Putting on the Glitz, wallpapers and wallcoverings with that extra something until Oct 2009

Exhibition Tours: Tues 11 Nov, 1.15pm. Sat 15 Nov, 2pm. Free

Art and Labour's Cause is One, Walter Crane and Manchester 1880-1915 until Sept 2009

The exhibition features items such as book illustrations, political cartoons, socialist emblems and works of art.

Colourful Sundays

Every Sunday 1.30pm - 3.30pm, Family Friendly, Free Drop into the gallery any Sunday afternoon for free and fun creative activities at Colourful Sundays. Suitable for all ages, no need to book.

Tuesday Talks

Each week an artist, thinker or critic talks about their work, influences and inspirations, 11am -12.30pm

One-day Conference

Friday 28 Nov, 10.30am - 4.30pm

Two-day Conference Envisioning Utopia, 5 & 6 Dec

Examine the dynamic between the urban and pastoral in utopian visions of a socialist future.

Collection Exhibitions Archive Now Online

The Whitworth's online 'Collections Catalogue' now allows you to browse and search selected exhibitions held at the Gallery over the past 10 years. Follow the link from homepage at:

www.whitworth.manchester.ac.uk

The Whitworth Art Gallery

Oxford Road, Manchester

0161 275 7450

email whitworth@manchester.ac.uk

International Society

WINTER TRIPS

Sat 8 to

Sun 9 Nov

Sat 8 Nov

Sun 9 Nov

Sat 15 Nov

Sun 16 Nov

Sat 22 Nov

Sun 23 Nov

Sat 29 Nov

Sun 30 Nov

Overnight Trip to

Bath and Stonehenge

Warwick Castle

Chester (with guided walking tour)

Liverpool - European Capital of

Culture (with guided coach tour)

Yorkshire Dales visiting Bolton

Abbey and Skipton Castle

North Wales visiting Conwy Castl

and Chester

Peak District - Christmas at

Chatsworth House and Bakewell

Stratford-upon-Avon

York - St Nicholas Fayre Market

Opening hours

Mon-Fri 9.30am - 7pm (during term time)

Mon-Fri 9.30am - 5pm (during vacation)

Small World Café opening hours

Mon-Fri 11am - 3pm

327 Oxford Road (next to Krobar)

0161 275 4959

email int.soc@anchester.ac.uk

www.internationalsociety.org.uk

u-print.com

Full colour and black and white digital printing and copying
Hardback and Softback Binding
International Fax Bureau
Design for Posters, Flyers etc
T-Shirts and Mouse Mats



Barnes Wallis Building, The University of Manchester,
Sackville St, Manchester

tel: (0161) 306 3269 email: contact@u-print.com
www.u-print.com



The International Society



Supporting international students and promoting international friendship since 1966

- English and Foreign Language classes •
- Trips around the UK • Small World Café •
- Dance Classes • Opportunities for Volunteers •
- Families Groups • Cultural Evenings •
- Hospitality Scheme • Room Hire •

The International Society, 327 Oxford Road, Manchester M13 9PG
tel 0161 275 4959 email int.soc@man.ac.uk

www.internationalsociety.org.uk

The International Society is an independent, non-profit organisation
Registered Charity Number 521248

The University of Manchester
The John Rylands
University Library

Joule Library
Sackville Street Building

Thesis Binding

2-HOUR, NEXT-DAY & 3-DAY SERVICES

Binding to University of Manchester standards using the latest technology for perfect results. Visit us at The Joule Library, or call for details.

0161 306 4916

www.manchester.ac.uk/library/binding

MANCHESTER
1824

The University of Manchester

UNIVERSITY BRANDED ITEMS

The **GiftShop** can offer University departments *wholesale* quantities of **branded** merchandise.



From pens to Powerboats!

Anything is possible!



We can give expert advice in the use of the University logo and colours to ensure that the University guidelines are met.

www.manchester.ac.uk/wholesale

MANCHESTER
1824

The University of Manchester

The sky's the limit for academic conferences

Talk to our in-house conference and events team about your next academic conference. Your contacts, plus **our experience and facilities**, make a powerful formula for success.

Our **ConferCare** service can organise every detail, from delegate registration to website updates and social activities, leaving you free to concentrate on the programme. So let's work together.



For more information contact Sarah Evans on:

0161 306 4108

or visit www.meeting.co.uk

ConferCare

every detail tailored to fit

“ We couldn't have
done it without you ”



Something we hear often from clients who rely on **ConferCare** to organise their event, whether it be here at the University, or any other venue across the UK.

Let **ConferCare** handle the burden of detail, from printed materials and booking accommodation, to chasing debts and much, much more. *Allowing you to concentrate on producing a quality conference programme.*

Whatever your budget or size of your conference, **ConferCare** is on hand to help.

Contact Janet on **0161 306 4073**
www.meeting.co.uk/confercare

Birth Rites: The politics and practice of childbirth

An exhibition of artwork that invites visitors to consider the politics and practice of childbirth is currently running at Manchester Museum.

Although birth unites us all, the series of artworks and documentary film in 'Birth Rites' – produced as a result of collaborations between artists and childbirth professionals – explores a number of questions about the process.

Among those questions is the notion of whether all births are equal; how free women are to give birth in a way they want and where they want; how different childbirth is for women in the Western world today compared to their mothers' and grandmothers' experiences.

The idea for the Birth Rites exhibition came from Helen Knowles, an artist and curator whose contrasting experiences of hospital Caesarean and home birth led her to question our society's approach to birth.

As part of the exhibition visitors are also offered the chance to share the childbirth experiences

and expectations of three generations of women through their illustrated artists' books.

Young mothers from Salford Women's Centre share their recent experiences of giving birth. Elderly residents of Cherry Trees Hospital, in Stockport, share their memories of childbirth 40 to 60 years ago.

And nine-year-olds from St Anne's RC Primary School, in Manchester, share their own thoughts and ideas on birth in the past, present and future when they will have their own children.

In addition to the specially commissioned works, the exhibition also contains a variety of objects from the Museum. The exhibition does contain images of childbirth.

Birth Rites - which runs at the Manchester Museum until Sunday 30 November, 2008 - is made possible through the generous support of Manchester Metropolitan University, UnLtd, The Royal College of Midwives, Trafford Council, Arts Council England, Network for Social Change, HLF, Glasgow Science Centre and Kingfisher Graphics.



www.manchester.ac.uk/museum

Burbidge Joinery and Construction

Quality UPVC Windows and Doors

All Windows and Conservatories are individually made to each customer's specified requirements.

A family business with over 24 years' experience.

We also supply a large range of Indian Stone, Cobble Sets and Solid Oak Sleepers.

For free advice or information contact:
Paul Burbidge (City and Guilds qualified Joiner)
0161 494 5228



Building little lives with care

Small family run nursery

Mature qualified, experienced and knowledgeable staff
Caring and friendly atmosphere - Secure, nurturing environment
Open from 7am to 6pm, Monday to Friday -
3 months to pre-school
Happy children -
Outdoor play area

88 Carmoor Road (off Hathersage Road/Upper Brook Street),
Chorlton-on-Medlock, Manchester M13 0FB

For information, please telephone Sharon on 0161 248 5340
or visit our web site www.ciarastots.com

News Contact

News and story ideas

Internal Communications Office

tel 0161 275 2112

email uninews@manchester.ac.uk

online www.manchester.ac.uk/staffnet/news

Deadline 12 noon 13 November

Events Contact

Events and listings information

Philippa Adshead

tel 0161 275 2922

email unievents@manchester.ac.uk

Deadline 12 noon 13 November

Adverts Contact

Ads and distribution queries

Janice Brown

tel 0161 275 2113

email uniads@manchester.ac.uk

Deadline 12 noon 13 November