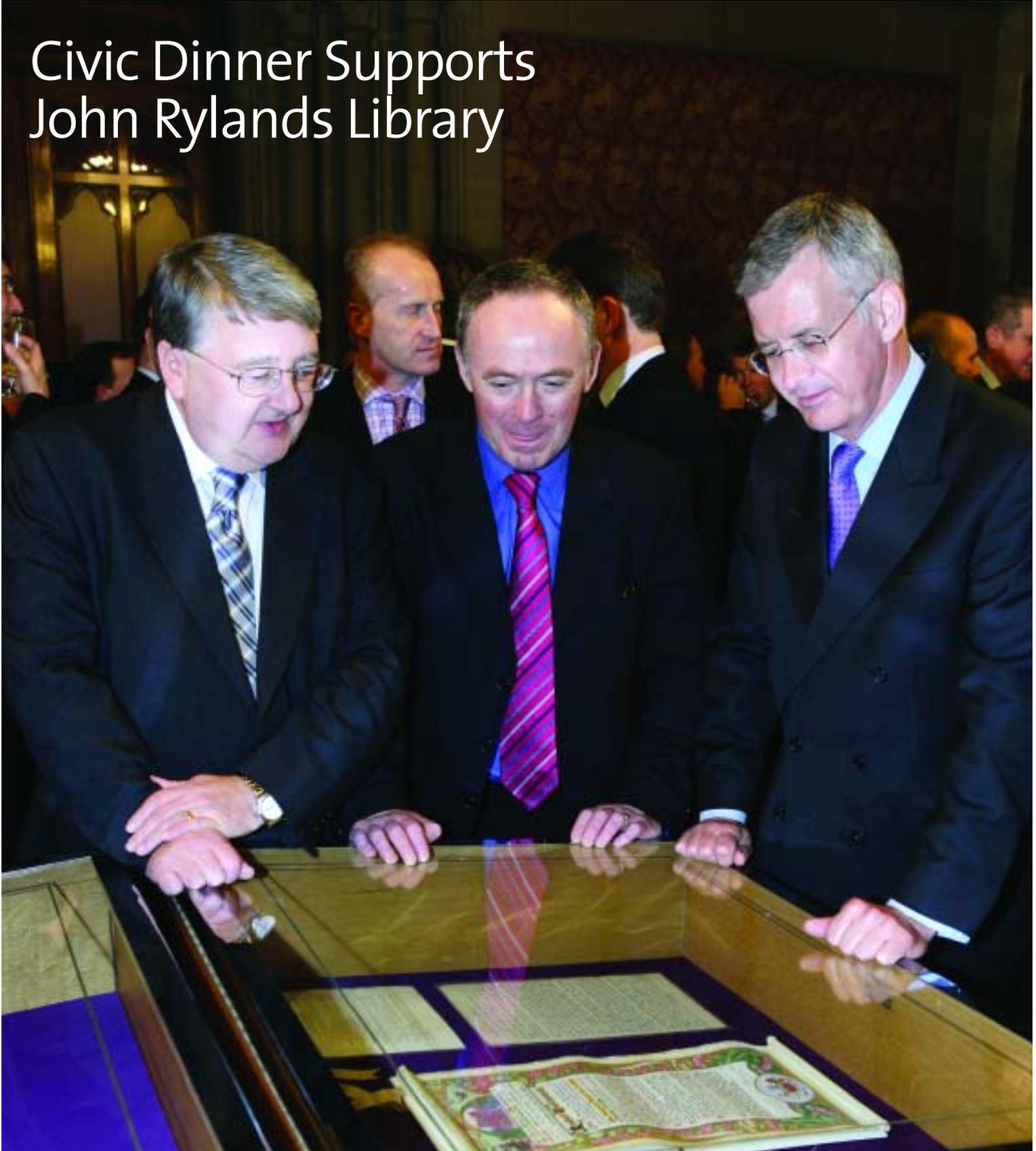


## Civic Dinner Supports John Rylands Library



# NewsDigest

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### A summary of the key news in this issue of UniLife:



**3** Manchester Town Hall became the venue for a dinner in support of the John Rylands Library 'Unlocking the Rylands' project last month.



**4** The University has been awarded a Centre of Excellence in Teaching and Learning in Enquiry-Based Learning with £4.5 million HEFCE Funding.



**9** The University's Cultural Theory Institute, launched in October 2004, opened the year with its inaugural conference this month.



**14** The University has announced a package of scholarships of up to £5,000 per year to attract the best students.



**18** Manchester Gold Staff is the University's successful mentoring scheme, which aims to help staff boost their professional development.

# Civic Dinner Supports John Rylands Library



**The Great Hall at Manchester Town Hall became the venue for a dinner in support of The John Rylands Library's Unlocking the Rylands project last month. Unlocking the Rylands is a wide-ranging project which will benefit all visitors, and enhance the reputation of The John Rylands University Library as the most significant in the region.**

Mr Bill Simpson, University Librarian and Director of The John Rylands Library, welcomed guests, including Councillor Richard Leese, Leader of Manchester City Council, and Professor Alan Gilbert, both of whom gave brief addresses.

Councillor Leese remarked on the cultural significance of The John Rylands Library, and its part in the history of Manchester and the North West. He was, he noted, delighted to be able to indicate the Council's support for the Unlocking the Rylands project by hosting the event at the Town Hall. He commented: "If Manchester is to be a world-class city, it is

vital that we treasure those things within the city that are world-class, something that the John Rylands building and collections undoubtedly are".

Professor Alan Gilbert expressed the University's pride in the Library. He commented: "We join with the City in seeking your support for the historic John Rylands Library as we want to preserve the magnificent building on Deansgate, and ensure that it remains as much an architectural treasure, of which our successors can be proud a hundred years from now, as it is today. We also want to provide the very best conservation and

display facilities for the Library's treasures, some of which have been exhibited here tonight. We especially want The John Rylands Library to be a focal point in the partnership between our University and our City.

"It is a partnership on which we wish to build as we seek to provide an even more worthy home for one of the world's greatest libraries, and a fitting place in which the people of Manchester and the North West can enjoy its treasures."

Work on the project began in 2004 and is on schedule to be completed in 2006.

## News



Representatives of the bid writing team left to right: Bill Hutchings, Alasdair Renfrew, Ivan Moore, Professor Paul O'Neil, Liz Thacker, Karen O'Rourke, Professor Bob Munn, Marcia Ody and Sarah Morgan

**The University has been awarded a Centre for Excellence in Teaching and Learning (CETL) in Enquiry-Based Learning (EBL). HEFCE will provide the Centre with funding of £4.5M over five years to extend the range and scope of EBL activity throughout the University.**

# Centre of Excellence Award

EBL is an approach in which learning is driven by a process of enquiry owned by the student. The tutor establishes the task and facilitates the process, but the students pursue their own lines of enquiry, draw on their existing knowledge and identify their consequent learning needs.

The funding will be used to establish a state-of-the-art facility in the Sackville Street Building as a 'hub', to provide staff and student development opportunities and expert advice on EBL, support a national EBL network, and organise workshops in conjunction with the HE Academy Subject Centres. Each Faculty will act as a 'spoke', and over five years will receive support to design and carry out a major EBL project. Overall, at least 5000 students will become involved.

The CETL aims to be recognised as the international centre in EBL. The award recognises existing excellence in EBL, with Medicine and Manchester Business

School already international leaders in problem-based and case-based learning, and a National Teaching Fellow pioneering these approaches in Humanities, and the CETL will build on this excellence.

Professor Bob Munn, Vice President for Teaching and Learning who will Chair the Centre's Management Board, said: "The award of this Centre recognises all the excellent work already carried out at the University on enquiry-based learning. It will allow us to extend this work much more widely and will engage even more students as partners in learning. Professor Paul O'Neill from the School of Medicine, and his team have worked extremely hard to bring about this success, and I congratulate them warmly."

Preparatory work is already underway to establish the Centre according to an ambitious five-year operational plan, and a formal launch of the Centre is planned for the autumn.



# Money Matters

Mervyn King, the Governor of the Bank of England, visited the University in January to discuss current issues facing the monetary policy committee.

Mr King, who took over the role from Eddie George in 1992, met with senior members of staff and members of the region's business community for an informal roundtable discussion on interest rates and the Bank of England's current view of the UK economy.

The Governor gave a ten minute talk on interest rates, before taking questions. He also shared the tale of how he was once interviewed in the Council Chamber thirty

years ago for the position of Chair in Economics, but didn't get the job, saying that he was delighted to have a second chance.

Before joining more than 30 members of staff in the Council Chamber, the Governor met with Professor Rod Coombs, Vice President for Innovation and Economic Development, Professor Alastair Ulph, Dean of the Faculty of Humanities, and Peter Fell, Director of Strategic Corporate Relations, for an informal chat in Christie's Bistro.

Following the event, Peter Fell commented: "The Governor of the Bank of England had a very busy two days in Manchester, meeting businesses and political leaders. The University was delighted that the Governor was able to meet two of our Vice Presidents to talk about Manchester 2015 and to address a seminar which included all the major civic and regional organisations. The Governor spoke with great clarity and openness, which was much appreciated by the audience."

## News

# Sir Jim Fixes it for MRSA Research



**Veteran DJ and TV presenter Sir Jimmy Savile made a personal visit to the city last week, to present a cheque for £40 000 to University researchers.**

Peter Warn and Jacqui Stringer's research into the use of essential oils to kill the deadly MRSA bacteria has received extensive media coverage, which alerted Sir Jimmy to their desperate need for funding for a clinical trial. He immediately contacted Peter, of the School of Medicine, to offer the £40 000 donation.

Wearing his trademark track-suit, Sir Jimmy then visited Hope Hospital in person to deliver the cheque. "When I heard the researchers were having problems getting funding and it could be the difference between patients being in care for two minutes or two months, I had to help," he said.

The oils are normally used in aromatherapy, but according to Jacqui, Clinical Lead of Complementary Therapies at Christie Hospital, their complexity could be the key to combating the 'super bug'. "They have hundreds of active ingredients," she explained, "meaning the bacteria are less likely to become resistant to them."

"This generous donation means we can employ a research nurse to carry out the first clinical trials, and come up with proof it works," said Peter. If the trial is successful the team hopes to be able to produce a blend of oils for use in hospital soaps and shampoos, which could help tackle the infection within two years.

# National Centre for e-Social Science

The National Centre for e-Social Science (NceSS) held its launch at the University last month, attended by the President; Professor Alistair Ulph, Dean of the Faculty of Humanities; Ian Diamond, Chief Executive of the Economic and Social Research Council (ESRC) and Sue Duncan, Government Chief Social Researcher.

The ESRC-funded Centre, which has been created to raise awareness of e-science technologies and promote their use in social science research, consists of a co-ordinating hub at the University and the

UK Data Archive at the University of Essex, together with a series of 'nodes' based around the UK. The nodes will focus on how social sciences can make use of e-science to provide solutions to research challenges, and the hub will provide a one-stop stop for e-social science advice and support.

During the launch the Centre held an international access grid session, and research nodes and pilot demonstrator projects gave demonstrations of current e-social science research in progress by displaying posters of their research.



Dr Gillian Sinclair, Programme Manager, commented: "The launch was a great success and we are now looking forward to working with our research nodes around the country in developing the e-social science agenda in the UK."

NCESS 'Hub' Team

## News

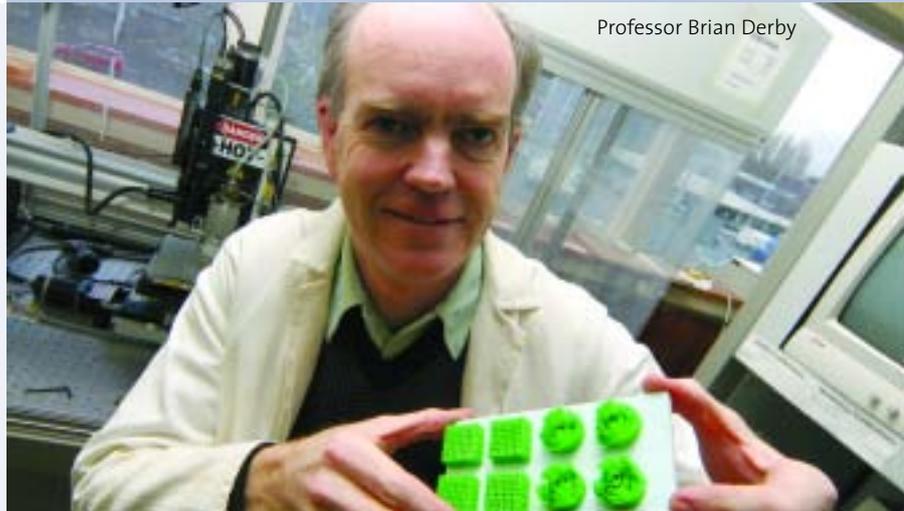
**Made-to-measure skin and bones, which could be used in the treatment of burn victims or patients with severe disfigurements, may soon be a reality using inkjets which can print human cells.**

Professor Brian Derby, and his team from the School of Material Science, have developed the breakthrough technology which will allow tailor-made tissues and bones to be grown, simply by inputting their dimensions into a computer.

Using the printers, the researchers are able to create 3-dimensional structures, known as 'tissue scaffolds'. The shape of the scaffold determines the shape of the tissue as it grows. The structures are then created by printing very thin layers of a material repeatedly on top of each other until the structure is built. Each layer is just 10 microns thick (1,000 layers equals 1cm in thickness).

Professor Brian Derby commented: "It's difficult for a surgeon to reconstruct any complex disfiguring of the face using CT scans, but with this technology we are able to build a fragment which will fit exactly. We can place cells in any designed position in order to grow tissue or bone. We hope it will

# Tailor-Made Tissue



Professor Brian Derby

be possible to print the scaffolding to create an organ in a day".

This breakthrough overcomes problems currently faced by scientists who are unable to grow large tissues and have

limited control over the shape or size the tissue will grow to. It also allows more than one type of cell to be printed at once, which opens up the possibility of being able to create bone grafts.

[www.materials.manchester.ac.uk](http://www.materials.manchester.ac.uk)



## PhDs Hit All Time High

**The School of Medicine is to award a record number of PhD studentships for the next academic year, as part of its drive to support ground-breaking research.**

More than 40 studentships, at a total cost of at least £1.8 million, will be offered to investigate areas including cancer, reproductive health and psychiatry. The recruitment will be funded by both the School itself and the Medical Research Council, and is believed to be the largest by a medical school in the UK.

Dean of School Professor Andrew Garner commented: "Biomedical research will be one of the keys to the success of the new

University, and developing young talent is essential to the future of academic medicine in the UK. This is one of a number of exciting new initiatives within the Medical School, designed to deliver a sustainable increase in our research performance and ultimately to benefit our patients."

The students will join active strategic research groups, translating innovative ways of diagnosing and treating diseases into real-life solutions for

patients. They will be based within the University's partner NHS Hospital Trusts including Central Manchester, Hope Hospital Salford, Christie Hospital, Manchester Mental Health and Social Care Trust and South Manchester Hospital, as well as at the School of Medicine in the Stopford Building.

Further details of the positions are available from Marion Philbin on 51464 or [Marion.Philbin@manchester.ac.uk](mailto:Marion.Philbin@manchester.ac.uk).

[www.medicine.manchester.ac.uk](http://www.medicine.manchester.ac.uk)

## News

# Psychological Sciences Showcase



The School of Psychological Sciences celebrated its launch with a day-long research showcase on 24 January. The School represents the coming together of the previous Department of Psychology, Division of Clinical Psychology and Hearing, Communication and Deafness Group.

More than 120 staff from across the Medical Faculty attended the event, which was organised with the help of the Institute of Health Sciences. Presenters included Head of School Geoff Beattie, Associate Dean for Research Nick Tarrier, and director of the MRC Hearing and Communications Group Adrian Davis.

Introducing the event Vice President and Dean of the Faculty David Gordon described the priorities of the School, which are focused on the delivery of high quality research, internationalism and the development of "the youth team". There was also a strong emphasis throughout the day on the translation of research findings into services which benefit patient communities.

Presentations on current activities were given by members of each of the School's five research groups; Audiology and Deafness, Language and Communication, Cognition and Cognitive Neuroscience,

Clinical Neuroscience and Language Disorders and Clinical and Health Psychology. Posters were also presented detailing a wide range of basic and applied research activity, including studies of the impact of early intervention on hearing-impaired babies and the importance of gestures in communicating meaning.

The event concluded with a keynote seminar by Professor of Cognitive Neuroscience Andrew Mayes, and was closed by Vice President for Research Nancy Rothwell.

[www.psych-sci.manchester.ac.uk](http://www.psych-sci.manchester.ac.uk)

# European Research Conference

**Manchester Business School played host to some of Europe's leading research policy academics in early January when the School hosted the first PRIME conference of the Network of Excellence (Policies for Research and Innovation in the Move Towards the European Research Area).**

PRIME is a network of 44 European universities and research institutions, actively involving more than 200 researchers. Delegates travelled from all over Europe and the USA to discuss how to direct research over the next decade, and in particular the European Commission's own Seventh Framework Programme. This is set to spend up to 30 billion over a six-year period from 2007, in an effort to compete with the USA and Asia in achieving a knowledge-based society.

The two-day conference was opened by Mr Janez Potocnik, the European Commissioner for Science and Research, and Professor

Nancy Rothwell, Vice-President for Research. Professor Calestous Juma of Harvard University gave a keynote presentation.

During the conference delegates explored a wide range of subjects including the challenge of innovation in public services, human resources for research and innovation and European support of science in developing countries.

The conference closed with the annual reporting of the PRIME Network, which was delivered by the PRIME co-ordinator – Philippe Laredo who is a visiting Professor at Manchester Business School.



from left to right: Professor Philippe Laredo, Professor Nancy Rothwell, Mr Janez Potocnik and Professor Luke Georghiu

[www.mbs.ac.uk](http://www.mbs.ac.uk)

## News



Professor Andy Brass, of Manchester University and Jesus Castagnetto and Hannes Neidner, both of the UCSD Supercomputer Center, discuss collaborative opportunities between Manchester and UCSD

Students on Manchester's successful Masters-level training programme in Bioinformatics will benefit from the collaboration, which will lead to the opportunity to study Medicinal Chemistry modules provided by UCSD's Extension division. These courses are taught by leading practitioners from the San Diego life sciences community.

The agreement will give students access to an enhanced range of cutting edge

# Worldwide Universities Network

**The University of Manchester and the University of California, San Diego (UCSD) have formed a unique international collaboration, the first in a planned series of global bio-science ventures, under the auspices of the Worldwide Universities Network.**

e-Learning material, helping them to develop international careers in genome-enabled science.

This partnership is built on the wealth of expertise in bio-sciences research and education within the two centres, and also extends an existing and very successful agreement between Manchester and Leeds in bioinformatics training.

David Pilsbury, WUN Chief Executive, commented: "Now these world-class universities are able to offer the best of their education to even more students around the world. This sharing of teaching and learning, as opposed to learning material, is unique, but is clearly going to become a major means of delivery to meet the needs of students who want awards from the best universities while remaining in the place where they've chosen to live and study."

<http://www.wun.ac.uk/>

Left to right: Cherie Booth QC, Professor Samar Hasnain and Professor John Helliwell



**Cherie Booth QC has opened a world-leading facility at CCLRC Daresbury Laboratory which is designed to understand how genes make proteins.**

# Cherie opens Research Facility

The £3 million facility will use powerful X-rays from Daresbury Laboratory's Synchrotron Radiation Source, and advanced automation techniques to solve complex protein structures and so underpin advances in research and healthcare.

The facility, a new beamline on Daresbury Laboratory's Synchrotron Radiation Source (SRS), is a collaboration between the Laboratory, The University of Manchester, Liverpool John Moores, The University of Liverpool, Astra Zeneca and Astex Technology, a Cambridge based biotechnology company.

Ms. Booth said: "I was delighted to open this world-leading research tool. Advanced facilities of this kind are vital if the UK is to take a lead in using the information contained in our genes to develop new medicines and improve the quality of life for

millions around the world."

Professor John Helliwell of the School of Chemistry, Associate Coordinator of the North West Structure Genomics Centre, said: "A variety of structure and genome related projects have been pushed forward already both within the North West Structural Genomics Consortium ('NWSGC) and users drawn more widely from within the UK."

In order to develop medicines to treat these diseases researchers need to know the three-dimensional structure of the proteins in atomic detail. It is this essential information which the new structural genomics/structural biology facility at Daresbury Laboratory will provide.

The new facility is managed by the North West Structural Genomics Centre.

## News

# Making use of Culture



Professor Alan Gilbert

The University's Cultural Theory Institute, officially launched in October 2004, opened the year with its inaugural conference this month. The President, Professor Alan Gilbert, welcomed more than 150 national and international delegates to the conference 'Making Use of Culture', which was partially funded by grants from the British Academy, the Raymond Williams Memorial Trust, the Simon Fund and the Vice Chancellor's Discretionary Fund.

Speakers included Lawrence Grossberg of the University of North Carolina, Peter

Osborne of the University of Middlesex and Tony Bennett of the Open University. Panel sessions encouraged delegates to look at the idea of culture from a variety of perspectives, and touched on everything from cultural politics and the rise of digital culture to South Asian popular culture and the cultures of globalisation.

Throughout the conference, speakers and delegates challenged contemporary definitions of culture and its significance. Tony Bennett investigated the methodological crossovers available to

cultural theorists, while Peter Osborne questioned the politics in which cultural studies has historically been grounded. Beverly Skeggs of Goldsmith's University, University of London closed the conference by looking at the effects technological transformations are having on social behaviour.

The conference is one of many initiatives by the Cultural Theory Institute, designed to provide a forum for interdisciplinary communication and facilitate collaboration between researchers from diverse fields.

[www.cti.man.ac.uk](http://www.cti.man.ac.uk)

# Global Meeting of Minds

**Scientists from around the world came together to share their expertise in reactor technology at three special events held at the University in January.**

The Nuclear Graphite Research Group in the School of Mechanical, Aerospace and Civil Engineering at Manchester (MACE) hosted three separate international meetings on High Temperature Gas-Cooled Reactors, on behalf of the International Atomic Energy Agency in Vienna (IAEA) and the Organisation for Economic Cooperation and Development (OECD).

Chaired by Professor Barry Marsden of the Nuclear Graphite Research Group, the meeting brought together scientists and engineers from twelve countries including France, Germany, South Africa, China and Indonesia.

Professor Graham Thompson, Head of the School of MACE, said: "The research group has an excellent international reputation,



Group picture of the 19th Meeting of the Technical Working Group on Gas Cooled Reactors

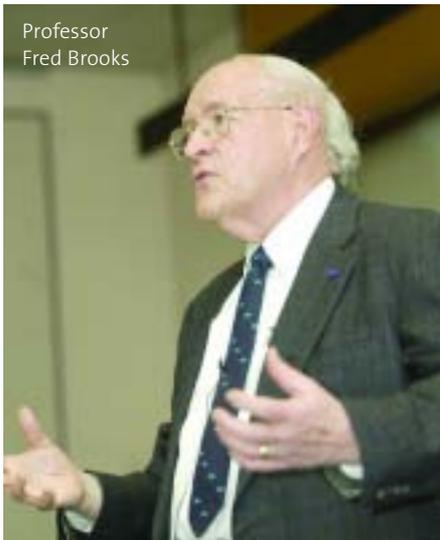
underlined by the calibre of scientists who attended these events."

The event was sponsored by British Nuclear

Fuels Ltd, Nuclear Sciences and Technology Services and the BNFL Research Alliance Centre in Materials Performance.

[www.mace.manchester.ac.uk](http://www.mace.manchester.ac.uk)

## News



Professor  
Fred Brooks

The inaugural Manchester Turing Lecture, organised by the School of Computer Science and the Business, Careers & Community Division (BCCD), was recently presented to academic and business leaders from across the UK by world-renowned computer science academic Professor Fred Brooks. The lecture, entitled 'Collaboration and Telecollaboration in

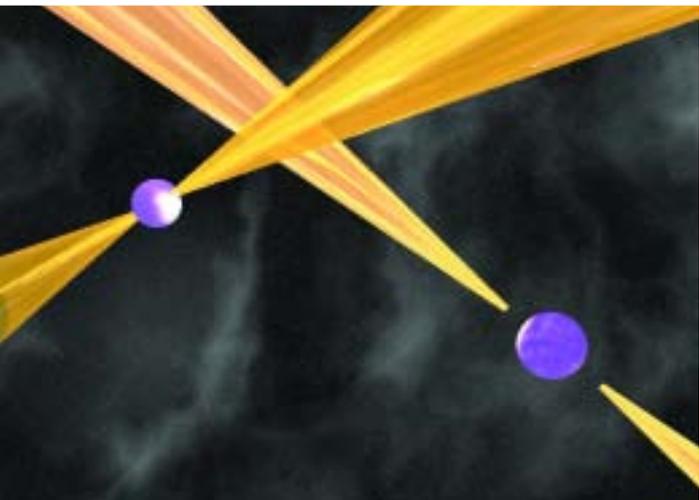
# Turing Lecture

Design' discussed the challenges of design in the modern world, especially when working in teams.

The event was sponsored by the University, IBM, The Institute of Electrical Engineers (IEE) and the British Computer Society. Professor Chris Taylor, Head of the School of Computer Science, was delighted with the event, and is keen to see the lecture become an annual event. David Morriss, President of the BCS commented: "It was a real privilege for the BCS to be invited to support the Manchester Turing Lecture. Professor Brooks is a brilliant engineer, a great computer scientist and a fascinating lecturer. This will be a hard act to follow for next year's presenter".

Following the lecture guests were entertained with a champagne reception and dinner at Christie's Bistro. Jane Ratchford, director of the BCCD, introduced Professor John Perkins, David Morriss and Kathryn Jackson, Chairperson of the IEE Manchester branch, who all delivered speeches.

A vote of thanks was delivered to Professor Brooks by IBM, with which the University is currently discussing a new strategic relationship. Alan Wellins, ITS UK Resources Manager for IBM commented: "The University of Manchester orchestrated the entire event in the most professional manner, and we look forward to more such successes as IBM further develops its relationship with the University".



**A discovery made by scientists at Jodrell Bank Observatory has been named the sixth 'most important scientific breakthrough' of 2004.**

# Pulsating Discovery

Each December the staff of the prestigious American Journal 'Science' highlight the top ten most important scientific breakthroughs made during the year. Not surprisingly the discovery of new evidence that Mars was once warm, wet and salty and so could have supported life came first, but in a very creditable sixth place was the discovery and subsequent observations of the very first 'Double Pulsar' by an international team led by Professor Andrew Lyne of the School of Physics and Astronomy.

Professor Lyne commented : "This discovery was the culmination of many years of technical developments at both the Jodrell

Bank and Parkes Observatories, and it is very pleasing to see this work and its exciting results recognised internationally."

This is the first known system of orbiting neutron stars in which both stars emit rotating beams of radiation, giving rise to periodic pulses as the beams sweep across the Earth.

Albert Einstein predicted that such a system would emit gravitational waves and so the neutron stars would gradually orbit closer and closer until they eventually coalesce into one object – quite possibly a black hole. Observations made since the initial discovery show that this is precisely what is happening.



## News

# Immunity Awards

**Two researchers from the same laboratory have won presentation awards for their work on immunity to gut-dwelling parasites.**

Dr Joanne Pennock and PhD student Laura Cliffe from the Faculty of Life Sciences were given the prizes at the Woods Hole Immunoparasitology Conference held at the Marine Biological Laboratories in Cape Cod, United States.

Dr Pennock received her award for her work on the genetics of infection, while Laura received her prize for her research into mechanisms of resistance to these parasites.

The Woods Hole meeting is the premier international meeting in the field and their prize was an all-expenses-paid trip to the American Society for Tropical Medicine and Hygiene in Miami Beach. There, they gave their award-winning talks and received a certificate of merit for their work.

Both scientists work in Professor Richard Grencis's research group and it is believed that this is the first time two awards have gone to the same laboratory.



Left to right; Laura Cliffe and Joanne Pennock

# Driving Mum and Dad Mad

**Researchers from the School of Psychological Sciences are looking for 2,000 families from across the UK to take part in a unique national study into child behaviour.**

'The Great Parenting Experiment' will give parents the chance to work alongside a new ITV1 television series called 'Driving Mum and Dad Mad,' which follows the trials and tribulations of five families whose young children are driving their parents up the wall.

The study will assess whether such 'reality' programmes can actually help parents, and whether by adopting the ideas suggested on the programme mums and dads can improve their children's behaviour and reduce their own stress levels. At the moment the effects of such programmes are relatively unknown.

Researchers are looking for parents from across the UK with a child or children between the ages of two and nine to take part in the study. For further details and to register your interest contact [www.greatparentingexperiment.net](http://www.greatparentingexperiment.net).

The six-week series, which begins on Wednesday 16 February at 10pm features Australian clinical psychologist Professor Matt Sanders from The University of Queensland, who has developed a system called 'Triple P' which aims to modify and improve children's behaviour.

The University of Manchester study will run alongside the series and the families involved will be urged to watch the

programmes and try out the 'Triple P' techniques shown. One group of families will simply be asked to watch the programmes and put into practice what they see. Another randomly selected group will also watch the programmes but will be given additional support in the shape of a workbook, website and e-mail facility which they will be able to consult with a parenting advisor. The study will show which group of parents fare better.

Dr Rachel Calam, who is a Senior Lecturer in Clinical Psychology at The University of Manchester, is leading the study and said: "We aim to see whether media like television can help parents in a practical way."



## Research



# How and Why Science?

**With ever greater emphasis being placed on communicating science to the public, researchers Ellen Poliakoff of the School of Psychological Sciences and Stuart Allan of the Faculty of Life Sciences have teamed up with science communicator Erinma Ochu to work on several projects funded by a Wellcome VIP Award.**

In 'A Day in the Life', a range of scientists will record a day in their working lives with a disposable camera. Whether they are off to an international conference, on a field trip, having coffee with a colleague or counting cells in a lab, the photographs will be exhibited to illustrate the range of activities contributing to real-life scientific work.

Erinma, an Honorary Research Fellow in the Faculty of Life Sciences, will also be producing a documentary film 'Why Science?' to explore people's reasons for choosing to become scientists. Hopefully, "the film will connect with young people

thinking about their future careers, and the possibilities science might present to them," she says. In 'How Science?', pupils will then be able to work alongside University staff of all types, from secretaries and technicians to research students and lecturers, to increase their awareness of the variety of career options available.

To celebrate Brain Awareness Week and National Science Week, the first event will be a Brain Activity Day at the Manchester Museum on Saturday 12th March. "We hope to turn the notion of

communicating science to the public on its head, by involving school children in devising activities for the event," Ellen Poliakoff explains. "This makes preparing for the day an engagement activity in itself, and we get help in coming up with new and exciting ideas."

The team is looking for volunteers from across the University to participate in the projects, and will be distributing a questionnaire to gather views on science communication. Please contact [erinma.ochu@manchester.ac.uk](mailto:erinma.ochu@manchester.ac.uk) for more information.

# Testosterone Boost for Elderly Men

**Researchers in the MRI's Andrology Unit are seeking volunteers for pioneering trials, to investigate whether increasing the testosterone levels of frail elderly men improves their strength, energy and mobility.**

The 12-month study is being led by Professor Fred Wu, and 260 volunteers are needed. The team hopes that if the treatment is proven to be effective it may be adopted as standard practice within the NHS.

Professor Wu commented: "Levels of the male hormone testosterone fall by about 1% a year in men over 40, leading to decreases in muscle size and strength, increased body fat and thinner bones. The changes are also associated with decreased sexual interest, fatigue, mobility problems, depression,

increased risk of falling and a general sense of weakness. Tests on other groups suggest that testosterone replacement could help reverse these symptoms in the frail and elderly."

Men aged 65+ who have lost weight, are easily tired, slow in walking and feel generally weak for no specific reason are sought for the study. Participants will make a total of five visits to the Wellcome Trust Clinical Research Facility on Grafton Street, and will have their transportation

arranged and/or paid for. They will receive either testosterone or a dummy placebo in the form of a gel self-applied daily to the skin, and are free to withdraw from the study at any time.

Any members of staff who have friends or relatives who may be interested in participating should contact Recruitment Officer Emma Phillips on 0161 906 7522 or [emma.phillips@wtrcf.nhs.uk](mailto:emma.phillips@wtrcf.nhs.uk), or Research Fellow Upendram Srinivas-Shankar on 0161 276 6295 or [usrinivas@manchester.ac.uk](mailto:usrinivas@manchester.ac.uk).

## Research

# Research Signals Cancer Hope



Dr Martin Baron

**Researchers at the University have moved a step closer to understanding what happens when cells receive a faulty signal that is known to be a cause of cancer.**

Many different types of signal control normal cell development, but when some of these signals are 'mis-activated' they can result in the formation of tumours.

Dr Martin Baron and his team in the Faculty of Life Sciences discovered that the way cells communicate with each other is often more complicated than previously thought.

The breakthrough should help in the fight against cancer, as understanding how these signals work in healthy cells means scientists can better investigate what happens when a signal goes wrong. The discovery could take scientists down a new route in their battle against the disease.

Dr Baron's research has been concerned with signals that are picked up by a receptor on the surface of the cell known as a 'Notch', which has been linked to a form of leukaemia called T-ALL. The Notch receptor is unusual in that once it has picked up a signal, it splits into two and part of it actually becomes the signal on its journey to the cell nucleus.

What Dr Baron has discovered is that the journey taken by the Notch signal to the nucleus is not as straightforward as scientists first believed. He commented: "Once we know the process of how the wrong signal is sent and the cell is mis-activated, we can look at the possibility of manipulating the signal or switching it off completely".

## Bright Ideas

Scientists from the University have discovered how to make cells sensitive to light in what may lead to a new approach to treating certain forms of blindness.

The research, published in the science journal *Nature*, shows that a gene called melanopsin causes nerve cells to become photoreceptive. The team, along with colleagues at Imperial College London, found that activating melanopsin in cells that don't normally use the gene makes them sensitive to light.

"The melanopsin made the cells photoreceptive which tells us that this protein is able to absorb light," explained Dr Rob Lucas, who led the team in Manchester.

"This discovery might provide food for thought for scientists looking for ways of treating visual loss."

Dr Lucas, whose research concerns the effect light has on our daily rhythms, said the classical view of how the eye sees is through photoreceptive cells in the retina called rods and cones.

But Dr Lucas and Imperial's Professor Hankins were part of a team that recently discovered a third type of photoreceptor, although the mechanisms of how it works had not been fully understood – until now.

"For this latest research, we introduced melanopsin to cells that do not normally use it," said Dr Lucas. "What we found is that the cell becomes photosensitised and is able to produce a biological signal."

For some years scientists have been exploring ways of restoring light detection to those blind people who have lost their rod and cone cells.

Using melanopsin to make nerve cells in the eye photoreceptive may represent an entirely new approach to the problem.

## Feature

# University Unveils Scholarships and Bursaries Scheme

**The University of Manchester has announced a package of scholarships worth up to £5,000 per year and a special President's Award worth £10,000 per year to attract the best students to the University. Our programme of scholarships and bursaries is one of the most generous schemes on offer in UK Higher Education.**



Students from the UK with a household annual income of less than around £15,200, who gain three 'A' grades at A-level, will be entitled to a Manchester Advantage Scholarship worth £5,000 per year of study. For some, it will mean an additional income of £15,000 over a three-year course. There is no upper limit on the number of students who can benefit from this generous scheme.

The University's full package of financial support also includes a £1,000 per year entitlement for students from households with incomes of less than around £22,000, as well as £1,000 per year for students gaining three 'A' grades at A-level (or equivalent) for certain subjects, regardless of household income.

£2,000 will be available for students from the Manchester region who have successfully participated in the University's Targeted Access Scheme. These are capable students, nominated by local schools and colleges, but in danger of not fulfilling their potential for a range of reasons

In addition there will be ten highly-prestigious President's Awards worth £10,000 per year to the most outstanding students from the UK, regardless of income.

President and Vice-Chancellor of The University, Professor Alan Gilbert, said: "As one of the country's leading centres of research and learning, we are committed to attracting and supporting the very

best students. If students have the talent, we want to ensure that they have the opportunity to study here regardless of their financial circumstances.

"The University is making a multi-million pound investment in a range of scholarships and bursaries to support students throughout their studies."

The University already commits £1m per annum to outreach activities, and will be putting in an additional £400,000 per year to projects working with school students from primary age through to those at Further Education colleges, to help them into Higher Education.

The package was announced during a special visit to Winstanley College in



Wigan, where the University's Director of Student Recruitment Delyth Chambers spoke to students about the changes to the funding regime in 2006 and some of the opportunities available at The University of Manchester.

Winstanley College is one of the country's top performing colleges, fourth in the DFES national performances tables with one of the best OFSTED inspection reports in the country. Winstanley is highly successful in sending students to Higher Education, with 89% of its students continuing in education. 65% of those on degree courses go on to North West universities with 17% choosing The University of Manchester, ensuring its place as the most popular option.

The students at Winstanley College were given a sneak preview of The University of Manchester's full package of Scholarships and Bursaries on offer to UK students applying in for entry in 2006:

- **Manchester Guarantee Bursaries** - £1,000 per year entitlement for students from households with income of less than around £22,000 per annum
- **Manchester Advantage Scholarships** – Prestigious and high-value entitlement of £5,000 per year for students gaining 3 A grades at A-level (or equivalent) from households with income of less than around £15,200 pa
- **Manchester Success Scholarships** – Subject-specific, £1,000 per year, regardless of income, to students gaining 3 'A' grades at A-level (or equivalent) towards certain degree programmes
- **Manchester Achievement Scholarships** - £2,000 per year to students from the Manchester region who have successfully taken part in the University's Targeted Access Scheme
- The President's Award – These highly-prestigious awards, worth around £10,000 per year, are given by the President and Vice-Chancellor to the ten most outstanding students from the UK
- Music and Sports Scholarships - for talented musicians and athletes

## Profile

“

**Our job as economists is to try to provide the best advice we can to inform policies**

”

# Agénor's Achievements



**Lead Economist and Director of the Macroeconomics and International Finance Program at the World Bank in Washington DC, Senior Economist in the Research Department of the International Monetary Fund, Economic Adviser to Governments around the world (including in his home country, Haiti), and an academic of considerable international repute... those are just some of the credentials that Pierre-Richard Agénor brings to his post as Hallsworth Professor of Macroeconomics and Development Economics, and co-Director of the Centre for Growth and Business Cycles Research.**

“Economics was, to a very significant extent, founded here,” he says. “More recently, Development Economics was started here by Arthur Lewis. Manchester has a unique reputation – and I am here because I believe that this is the place for me to do serious research. So far, I am not disappointed.”

He is a man of conviction. He is also a man of conscience. One of his main concerns is with poverty and unemployment worldwide – and his trail-blazing analysis of the macroeconomics of development exists to underpin the crucial political decisions to be taken in the cause of poverty and unemployment reduction. He may be a dedicated, often highly technical, academic, internationally in very high demand, but he is no “ivory tower” isolationist. He talks as comfortably to academics, giving seminars all over the world, as to Ministers or Central Bank Governors. “It is vital that we look both ways,” he says. “We do innovative research as a means to enabling politicians to make the best possible decisions.

“Our job as economists is to try to provide the best advice we can to inform policies,” he continues. “To do so we need a strong analytical base and that’s why research is so important. At the same time, we need to recognise that politicians, not economists, often take final decisions. The process can be frustrating at times, but I have learned not to underestimate the power of ideas.”

He sees the UK’s taking over the leadership of the G8 as timely – and hopeful. “One of the UN’s development goals is to reduce poverty in the developing world by half between 1990 and 2015. Rapid progress is being made in countries like China and India. But in sub-Saharan Africa, the way things are going we are not going to get there,” he says. “We need to push very hard to achieve this goal.”

He sees the high-level bid being made by some of his colleagues to establish a Centre for Poverty Analysis here as significant – and, again, timely. “This University is thinking very seriously about the contribution it can make,” he

says. “Our research could be of enormous practical value.” Chancellor Gordon Brown has already shown an encouraging interest.

Professor Agénor has made his name with cutting-edge academic research. He enjoys a reputation as a versatile researcher – some of the topics that he has studied include currency crises, monetary policy, unemployment and labour markets, growth theory and poverty analysis. He is also well-known for having made a strong case for treating macroeconomics as a key sub-discipline in development economics. His seminal book, *Development Macroeconomics*, published in 1996 by Princeton University (and co-authored with Professor Montiel of Williams College in the USA) helped to define the field. It is regarded as a landmark publication and was translated into Chinese and Spanish. Some of his other books have been translated into French and Russian. (He speaks four languages – Creole, French, English, and Spanish, together with useful Portuguese).

## CV

**Name**

Pierre-Richard Agénor

**Position**

Professor of International Macroeconomics and Development Economics, The University of Manchester, June 2004-present

**Education**

PhD Economics,  
University of Paris Pantheon-Sorbonne (France), 1979-82  
MSc Economics,  
University of Bordeaux, 1978-79  
BA Economics,  
University of Bordeaux, 1975-78

**Career History:**

Lead Economist and Director,  
Macroeconomics Program, the  
World Bank, September 1997-  
May 2004



Another important book of his, *The Economics of Adjustment and Growth*, has just appeared from Harvard University in its second edition. It has particular relevance to the economics of developing countries and is directed towards economists interested in an overview of the economics of reform. It is also directed at economists in those international organisations of which he has some personal experience – the World Bank, the IMF and the UN.

As it happens, the UN has been part of his life from boyhood – his father, an agronomist, worked for the organisation. “You could say that I was made very early on a citizen of the world,” he says. One of

six children, he was born in Haiti, but soon left for Europe because of his father’s job. He went to school and university in France. He did his first degree and Masters at Bordeaux, his PhD at the Pantheon-Sorbonne in Paris in 1982. It was at that time that he returned briefly to Haiti as Economic Adviser to the Finance Minister.

Coming to Manchester is not as great a culture shock as one might think – it isn’t his first experience of the North-West. He was an ESRC Research Fellow at the University of Liverpool for a couple of years, 1983-85. “I never thought I would be back in this part of the world 20 years later,” he jokes. “But I intend to make the best of it.”

## Feature

# Manchester Gold Staff

**Manchester Gold Staff is the University's successful mentoring scheme which aims to help staff boost their professional development, improve job satisfaction and encourage cross-University networking. Now in its fourth year, it is managed by the Business, Careers & Community Division and the Staff Training and Development Unit.**



The scheme allows individuals to focus on their career and development by matching them with a more experienced mentor who can help them take stock of their career and advise on possible career development strategies.

Mentees and mentors normally meet 4 times between May and October. Participants are also invited to attend a series of workshops and events designed to complement the mentoring process and equip participants with the tools to develop professionally. The total time commitment for Manchester Gold staff is for about 12 hours.

Since Manchester Gold Staff was piloted in 2002, the scheme has gone from strength to strength, and many participants point to their involvement in the scheme as being the crucial factor in helping them to successfully gain promotions or move to new career opportunities within the University.

Last year 36 mentees were successfully matched with 34 mentors. Mentees and mentors were drawn from all four Faculties as well as the central administration. Participating staff included lecturers, technicians, managers, contract research staff and secretaries.

Dr Karen Hassell, Senior Research Fellow in the Faculty of Medical and Human Sciences, has been a mentor on the programme since it began. This year Karen was also a mentee and was mentored by Professor John Helliwell from the School of Chemistry.

Karen says: "Manchester Gold provides an opportunity to broaden one's horizons and exposure to staff in other locations in the University. It's very easy to become complacent in your own 'comfort zone' and being involved in such an initiative provides a challenge – you never know who you will be matched with and what your mentee wants out of the scheme."

Professor John Helliwell agrees: "Being a mentor tests one's skills and experiences to not only see the mentee's point of view but also judge the local setting of the mentee in their Faculty. One also learns a great deal about other parts of the University besides one's own."

Another Manchester Gold success story was Anne Butterworth, Administrative Assistant in Manchester Computing, who benefited enormously from her match with Sara Ashworth, Senior Administrator within the Directorate of Planning and Academic Services. Anne explains: "The scheme provided me to with the time to look at my career and gain impartial advice from a critical friend. Sara has been very supportive and has given me the confidence to be more pro-active and believe in my skills."

75% of the mentors have been participating on the programme for two years and seven mentees from the 2004



# Programme Details



Mentor Professor John Helliwell and mentee Dr Karen Hassell

programme have decided to become mentors; a demonstration of Manchester Gold Staff's success and the 'win-win' benefits for both parties.

The scheme is now looking to recruit mentees and mentors. The programme is open to all members of staff who have, or aspire to have, a supervisory, leadership or managerial role. A series of on-campus events will be held to explain the programme in more detail. Staff will be sent details of the programme very soon, but if you would like to register your interest in advance, please contact [dee.clarke@manchester.ac.uk](mailto:dee.clarke@manchester.ac.uk)

This year the scheme has been approached by 10 external mentors from IBM who are looking to e-mentor staff. If you are interested in having an external mentor, please email Dee at the above email address.

## February:

- Staff will be invited to apply to the programme via email. Staff can apply either as a mentee or a mentor.
- Interested in becoming a mentor? Then come along to an informal lunch to speak to the Manchester Gold Team and participating mentors/mentees on Thursday 24 February at 12.30 – 2.00pm. \*

## March:

- Interested in becoming a mentee? Staff are invited to attend an on-campus presentation on one of the following days: Tuesday 8, Thursday 10 and Wednesday 24 March between 12.15 – 1.00pm. \*

## April:

- Staff will be matched with mentors according to their criteria by the Manchester Gold Team and will be notified if they have been successfully matched by the end of the month.

## May:

- Selected participants are invited to attend an induction session to prepare mentors/mentees for the mentoring process and to meet their matches for the first time. Please keep Friday 6 May free.
- Mentees will then be asked to arrange approximately four meetings with their mentors from May – October. • A series of workshops will take place between May – July. Please visit the website for more information. [www.manchester.ac.uk/careers/manchestergoldstaff](http://www.manchester.ac.uk/careers/manchestergoldstaff)

## September:

- There will be a networking event for all Manchester Gold participants to attend

## October:

- Manchester Gold officially ends for the year on 14 October with an event

\* To reserve a place at any of the above events, please contact Sarah White on 0161 275 2828 or email Sarah at [sarah.e.white@manchester.ac.uk](mailto:sarah.e.white@manchester.ac.uk)

## In the Community

# Orient Expression

**The Chinese New Year was celebrated early when children from the Huaxia Chinese School performed traditional dances and a comedy show at the Royal Northern College of Music.**



Children from the school performing for the Chinese New Year

The School, which is based in the Renold Building on the Sackville Street Campus, caters for children of all ages as well as adults. Its primary function is the teaching of Mandarin Chinese, the official language of mainland China, but the School also takes part in cultural activities, like that held at the College on 5 February.

The School is run by a group of volunteers and, with nearly 130 students in 11 classes

ranging from beginner to A-level Chinese, is the largest of its kind in Greater Manchester. "We have very strong bonds with The University of Manchester, with many of the children's parents studying or working there," said head teacher Theresa Teng. "The University also provides the School with classrooms, which is vital for its existence."

The Chinese New Year performance was

organised by the Chinese Students and Scholars Association of Manchester to celebrate the coming year of the Rooster, which starts on 9 February.

Huaxia Chinese School meets in the Renold Building every Sunday at 11am for two hours. Anyone interested in learning Chinese can contact Theresa on 0161 306 3363 / 07951 900277 or email her at [xue.teng@manchester.ac.uk](mailto:xue.teng@manchester.ac.uk)



# Bogle Wants You

**Organisers of one of the University's biggest fund-raising events are appealing to staff and students to don their walking boots to raise money for charity in the annual Bogle.**

Continuing a tradition started by Manchester lecturers 43 years ago, Bogle gives teams and individuals the opportunity to walk or cycle around the city to raise money for the charity of their choice.

Last year's event raised more than £22,000, as well as seeing one team take a melon around the full 55 mile tour of Manchester. Bogle is now one of the longest running sponsored events in the North West.

Bogle has four events in one along a 55 mile figure-of-eight route around Greater Manchester: a 55 mile, 26 mile, or 12 mile walk or circuits of the 26 mile cycle route.

This year's Bogle sees the introduction of new competitions, including prizes for the most amusing relay object, the most enthusiastic participants, and the best looking teams.

Mike Dawson, leading the effort to raise awareness of the event, said: "This has got to be one of the University's best kept secrets. It's an amazing event; anyone can take part, get fit and have a great time and it's all for charity."

The Bogle takes place on 4 and 5 March, and anyone over 16 can enter. Forms can be collected from the Rag office in the SU or Barnes Wallis building, or at the web address below.

## People

# UK's Best Emerging Researcher

**Dr Gordon Jayson of the University's School of Medicine has been awarded the BUPA Foundation Award for Best Emerging Researcher in the UK 2004. The award is in recognition of his work to develop complex sugars called oligosaccharides as drugs to kill blood vessels in cancer patients, depriving cancer cells of the food and oxygen they need to grow.**

Dr Jayson is based at Christie Hospital and specialises in treating patients with ovarian cancer, as well as working within the Paterson Institute on the development of anti-cancer drugs. Speaking about the award, he said: "I am really delighted to have won this prize.

This is a very exciting area of research and we hope to have drugs ready for use in the next two to three years."

The research is part of an ongoing project which has been funded by a wide range of sponsors, including Cancer Research UK, BBSRC, AICR and local charities.



Dr Gordon Jayson

# Who's Who

Three members of staff from the University's School of Social Sciences have been entered into this year's Who's Who. Professors Simon Bulmer, Stan Metcalfe and Michael Moran have all been given places within the Medicine, Science and the Humanities section of the publication, the results of which were published in The Times during January.

Professor Peter Halfpenny, Head of the School of Social Sciences, commented: "It is a matter of considerable pride to the School of Social Sciences that the international renown of these three scholars has been recognised by their inclusion in Who's Who. It is a mark not only of their personal achievements but also of the School's capacity to nurture scholarship of the highest order."

# What's On

## The Whitworth Art Gallery

### DISPLAYS/COLLECTIONS

**Ship Ahoy! to 6 March 2005**  
This exhibition of watercolours, prints, wallpapers and textiles includes depictions of galleons, fishing smacks, trading vessels, warships and freshwater boats. The exhibition also features a Ship Ahoy! reading area providing children's books with stories about ships, pirates and the deep blue sea.

**Truce 21 January - 10 April**  
New Sculpture & Drawings by Shirley Diamond

**Beauty and the Beast - New Swedish Design 26 February - 24 April**  
From wave-shaped walls of lighting and sculptural glass to rat-gnawed wallpaper and hairy ceramics, Beauty and the Beast explores the intriguing duality of contemporary Swedish design.

**The Wages of Sin and Virtue's Reward - Moral Prints in the Age of Dürer 5 February - 6 November**  
Woodcuts, engravings, etchings and illustrated books from the collections of The University of Manchester in the Whitworth Art Gallery and the John Rylands Library. This exhibition highlights the moral messages communicated to people of the late Middle Ages and early Reformation through the medium of prints published in Northern Europe.

**Whitworth Art Gallery**, Oxford Road, 0161 275 7450 [www.whitworth@manchester.ac.uk](http://www.whitworth@manchester.ac.uk)  
Opening hours Mon to Sat 10am - 5pm, Sun 2pm - 5pm FREE Admission  
Gallery Café 0161 275 7497 The café sells a selection of drinks and light meals.  
Gallery Shop 0161 275 7498 The bookshop stocks a range of art and design books, cards and gifts.  
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](http://www.whitworth.manchester.ac.uk)

## Gig Guide Manchester Academy 1, 2 & 3

<b>Mon 7 Feb</b> <b>Megadeath</b>	<b>Goldielookinchain</b>	<b>Wed 16 Feb</b> <b>Mountain Rooster</b>	<b>Tues 22 Feb</b> <b>The Bravery</b>
<b>Tues 8 Feb</b> <b>The Kills</b>	<b>The Go! Team</b>	<b>Fri 18 Feb</b> <b>Nightwish</b>	<b>Tom Hingley and the Lovers</b>
<b>Wed 9 Feb</b> <b>New Found Glory</b>	<b>Sat 12 Feb</b> <b>Mastodon</b>	<b>Sat 19 Feb</b> <b>Biffy Clyro</b>	<b>Thurs 24 Feb</b> <b>Simple Plan</b>
<b>James Grant</b>	<b>Sun 13 Feb</b> <b>The Tears</b>	<b>Mon 21 Feb</b> <b>The Wedding Present</b>	<b>Fri 25 Feb</b> <b>The Ordinary Boys</b>
<b>Thurs 10 Feb</b> <b>The Quireboys</b>	<b>Carbon/Silicon</b>		<b>Roots Manuva</b>
<b>Fri 11 Feb</b>			

**Students' Union** Oxford Road, Manchester, M13 9PL  
Tickets from: Piccadilly Box Office, easy Internet Cafe, (c/c) 0871 2200260  
Online @ [www.manchesteracademy.net](http://www.manchesteracademy.net) Royal Court (Liverpool) 0151 709 4321 (c/c)  
Students' Union 0161 275 2930

# Chaplaincies

**St Peter's House Chaplaincy**  
SUNDAY WORSHIP  
10am Group Work  
11.15am Morning Worship  
6.30pm Evening Worship (Term-time only)  
FOYER 10am-4pm. An area where students and staff can relax and meet friends. A tea/coffee machine is available.  
Precinct Centre 0161 275 2894  
[sph.reception@manchester.ac.uk](mailto:sph.reception@manchester.ac.uk)

**Avila House RC Chaplaincy (next to the Holy Name Church)**  
Mass Times  
Mon - Fri 1.05 pm (term-time only)  
Oxford Road 0161 275 6999/273 1456  
Chaplains also available Monday - Friday  
Floor B, Room B25, Renold Building 0161 200 2522  
**Mosque:** Sackville Street Building  
**Prayer Room:** Renold Building B26

## Contact Theatre

Mind The Gap  
**ON THE VERGE**  
On the Verge, a captivating tale of a man, a Harley and his epic journey down the main street of America. Winner of the 2004 Eurovision Song Contest for Disabled Artists, Jez Colborne has always had a passion for all things American. Not to mention a fascination with storms, sirens and earth moving equipment. So what will he make of America? Most of all, what will America make of him? Be transported to the open roads and open skies of Route 66. An hour of film, tall tales and original music capture the gripping story of what really happened when Jez set out to discover what America meant to him.  
*Tue 15 Feb 2005, £8/£5*

Frantic Assembly  
**HYMNS**  
Frantic Assembly celebrates its 10th anniversary with a revival of the hugely popular and spectacularly physical 'Hymns', once again teaming up with Chris O'Connell (script) Natasha Chivers (lighting) and celebrated director Liam Steel. Four men reunite to mourn the loss of a close friend but time and events have had a corrosive effect on this once tight-knit bunch. From beneath the surface bravura, a brooding animosity emerges. Their struggle to deal with grief and guilt brings them to breaking point where the truth lies waiting...  
Suitable for ages 15+  
Aftershow chat Weds 23 Feb & Thurs 24 Feb (Afternoon Performance) - free  
*Tue 22 Feb 2005 - Sat 26 Feb 2005, £9/£6*

M6 Theatre Company  
**CROSSING BOUNDARIES**  
'Crossing Boundaries' is a freshly devised, dynamic and energetic piece of theatre taking an interesting look at the term 'Diversity'. The piece has been created and will be performed by members of Oldham Theatre Workshop, M6 Youth Theatre (Rochdale) and The Phoenix Youth theatre (Bolton). Employing a range of different performing styles, 'Crossing Boundaries' will be an engaging and thought provoking performance suitable for all.  
*Thu 24 Feb 2005, FREE*

**Contact Theatre**, Oxford Road, Manchester  
Tickets/Info: 0161 274 0600  
For information on other events please visit our website [www.contact-theatre.org](http://www.contact-theatre.org)  
A limited number of tickets are available from just £4 on the day from the Ticket Office between 11am - 4pm daily.

# Jodrell Bank

The facilities at Jodrell Bank are going through a period of redevelopment. The Visitors Centre currently has a café, an exhibition space and a 3D theatre open, and visitors can still explore the various trails and the natural habitats of the Arboretum's 35 acres with its 2,000 species of trees and shrubs and National Collections. In January 2004 Jodrell Bank completed a 180 degree observational pathway close to the base of the world famous Lovell radio telescope.

**Jodrell Bank Science Centre & Arboretum**  
Macclesfield, Cheshire  
01477 571339 [www.jb.manchester.ac.uk](http://www.jb.manchester.ac.uk)

# John Rylands Library

The John Rylands Special Collections Library, Deansgate, will be closed for a period of approximately 2 years, until 2006, for essential refurbishment and the construction of a new visitor and interpretative centre. Access to all the special collections is available through the main University Library on campus. A Special Collections Reading Room is open on Floor Purple Four, Monday to Friday 10am - 5.15pm and Saturdays 10am-1pm. Readers may find it helpful to contact us in advance on 0161 275 3764. Further information can be found on our website

[www.rylibweb.manchester.ac.uk/spcoll](http://www.rylibweb.manchester.ac.uk/spcoll)

# Tabley House

The University of Manchester's Stately Home. Small conference and meeting rooms available year-round. Licensed for weddings and baby-naming ceremonies. The house is now closed to the public until 25 March 2005.

## Tabley House

Knutsford, Cheshire, WA16 0HB  
Tel: 01565 750151 [www.tableyhouse.co.uk](http://www.tableyhouse.co.uk)  
email [inquiries@tableyhouse.co.uk](mailto:inquiries@tableyhouse.co.uk)

# International Society

## THEATRE AND MUSIC

For details about the availability of tickets for various theatre and music performances, please visit our website.

## TRIPS

**Sat 12 Feb**  
**Barnard Castle And Durham**

**Sun 13 Feb**  
**Aira Force Waterfall, Ullswater and Ambleside**

**Sat 19 Feb**  
**Jorvik Viking Festival - York**

**Sat 26 Feb**  
**Oxford**

**International Society,**  
327 Oxford Road (next to Krobar)  
0161 275 4959  
[www.internationalsociety.org.uk](http://www.internationalsociety.org.uk)  
Open: Monday-Friday 9.30am - 5pm

# Manchester Museum

*Fridays (during term time), 11am -12pm*  
**Magic Carpet.** Storytelling and story making for the under fives.

*Monday 7 February 2005*  
*(Adult), 6.30 - 8.00pm*  
**Counter-intuitive Science.** (Kevin Byron National Endowment for Science, Technology and the Arts (NESTA)). An exploration of the creative techniques that are used by scientists to complement the more formal approach to doing science. FREE

*Monday 7 - Saturday 12 February*  
*(Drop-in), 11.00am - 4.00pm*  
**Life through Time.** A series of drop-in art and craft sessions giving you the opportunity to help our resident artist create a spectacular new exhibition exploring the history of the earth, starting with the Prehistoric era. FREE

*Tuesday 8 February, 2.00 - 4.00pm*  
**Meet the Curator.** Come up to the Mammal gallery and find out the latest scientific news, get up close with specimens from the zoology collections and perhaps help with the work of the curatorial staff. Family drop-in event, FREE

*Thursday 10 February, 7.00pm - 9.00am*  
**Museum Sleep-over: Sleeping with Dinosaurs.** Come face-to-face with Stan the T-Rex and find out how he lived and died in our ever-popular sleepover for 8 - 12 year olds. £15 per child, for more information and to book a place call 0161 275 2630

*Thursday 17 February, 7.00 - 8.30pm*  
**The Centre for Continuing Education Lecture Series. The History of Collecting at Manchester Museum.** (Dr Sam Alberti). The Natural History collection of Manchester Museum is intimately connected with the origins of the University and the growth of ideas about the history of life on earth. Careful study of fossil evidence, exotic creatures and local British collections of animals created a revolution in thought. Who were the people behind this endeavour and what was their motivation? The series costs £22 per person, to book your place call 0161 275 3278/79.

*Saturday 19 February, 1.30 - 2.30pm*  
**Happy Birthday T-rex!** Join us to celebrate the one-hundredth birthday of Tyrannosaurus rex! Find out about the discovery of the first T-rex in Hell Creek, Montana and how the American scientist Henry Fairfield Osborn named this most iconic of dinosaurs. Family pre-booked event, FREE. For more information and to book a place please call 0161 275 2648

*Saturday 19 February,*  
*1.30pm, 2.00pm, 2.30pm, 3.00pm*  
**Treasure Island.** Excavate and identify rocks and fossils to discover an ancient island! Bring home your own bag of gold! Family pre-booked event, £1 per person. For more information and to book a place please call 0161 275 2648

*Saturday 26 February, 1.30 - 3.30pm*  
**The Cheshire Beast.** Join experts from The University of Manchester's School of Earth Atmospheric and Environmental Sciences and unearth a mystery. Help to reconstruct a prehistoric beast and the environment it lived in, from just the footprints that it left behind. Family pre-booked event, FREE. For more information and to book a place please call 0161 275 2648

All drop-in events cost £1 per child, unless otherwise stated. For group bookings please call 0161 275 2648. Children must be accompanied by an adult.

**Manchester Museum** Oxford Rd, Manchester  
0161 275 2630, [www.museum.man.ac.uk](http://www.museum.man.ac.uk)  
Open: Mon-Sat 10 - 5pm; Sun 11 - 4 pm.  
FREE Admission. [www.museum.manchester.ac.uk](http://www.museum.manchester.ac.uk)

# Music at Manchester

## THE LINDSAY EVENING CONCERTS

*Friday 11 February, 7:30pm*  
The Cosmo Rodewald Concert Hall  
MOZART *Quartet in A K.464*  
TIPPETT *Quartet No.4*  
SCHUBERT *Quartet in B flat D.112*  
SCHUBERT *Quartettsatz in C minor D.703*

## CHORAL AND ORCHESTRAL CONCERTS

*Wednesday 9 February MS, 7:30pm*  
The Cosmo Rodewald Concert Hall  
**Ad Solem**  
**Chethams School of Music Chamber Choir**  
**Martin Bussey and Marcus Farnsworth** Conductors  
Joint concert to include Howells' requiem and movements from Frank Martin's Mass for Double Choir

## THE WALTER CARROLL LUNCHTIME CONCERTS AND RECITALS

*Thursday 10 February, 1.10pm*  
Cosmo Rodewald Concert Hall  
**Richard Casey** Piano  
CHOPIN *Préludes Op. 28 (a selection)*  
CAMDEN REEVES *Lucifer's Dynamo*

*Thursday 17 February, 1.10pm*  
Cosmo Rodewald Concert Hall  
**Gavin Osborn** Flute  
**Clare Clements** Piano  
DEBUSSY *From Epigraphs Antiques*  
TAKEMITSU *Voice (solo flute)*  
MESSIAEN *Le Merle Noir*  
SAARIAHO *NoaNoa (flute + electronics)*  
MUCZYNSKI *Sonata*

*Thursday 24 February, 1.10pm*  
Cosmo Rodewald Concert Hall  
**The Lindsays**  
SCHUBERT *Quartet in E flat D.87*  
SCHNITTKE *Quartet No.3*

## SPECIAL CONCERTS AND EVENTS

*Friday 18 February*  
**The Goldberg Ensemble**  
1.00pm - Student Composers Workshop Goldberg Ensemble and spnm rehearse and discuss string works written for the occasion by composition students from The University of Manchester.  
6.30pm - Pre-Concert talk  
7.30pm - Concert by The Goldberg Ensemble  
**Malcolm Layfield** Conductor  
**James Gourlay** Tuba  
SALLY BEAMISH *Concerto Grosso for Strings*  
JUDITH BINGHAM *New Work for Tuba and Strings (commissioned by the Goldberg Ensemble)*  
HELEN ROE *The Shepherd's Race*  
PIERS HELLAWELL *Memorial Cairns*  
GEOFFREY POOLE *chi'kun*

*Saturday 19 February*  
**The Goldberg Ensemble**  
Childrens Workshop  
Malcolm Layfield conducts a children's string ensemble drawn from schools in Bolton, Oldham and Wigan in a work selected to demonstrate the sounds and playing techniques required by 21st Century composers.

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# Seminars

## Monday 7 February

### Institute of Innovation Research:

"Constructing public engagement in the science of mobile phone risk". Jack Stilgoe (UCL). 4pm, Room 10.05, Harold Hankins Building, Precinct Centre, Oxford Road. Tea and coffee available from 3.45pm

## Tuesday 8 February

### Manchester Medical Society SURGERY

**Michael Boyd Memorial Lecture:** "The Surgeon Scientist - an endangered species or a contradiction in terms". Prof N J M Mortensen (Oxford). 8pm, Chancellors Conference Centre.

**CCSR:** "Ethnicity and the local labour market". Ludi Simpson, Kinsley Purdham and Abdelouahid Tajar. 4pm, 2nd Floor, Crawford House (entrance from Booth St East).

## Wednesday 9 February

**Sociology:** "Queer intimacies and sociabilities (gender, sexuality and culture - new exchanges)". Sasha Roseneil in conversation with Angelica Wilson. 4.30pm, Room 3.51, Williamson Bldg.

**Life Sciences AstraZeneca Seminar:** "Serum response factor - a convergence point for signalling pathways". Richard Treisman (CRUK London Research Institute). 12pm, LT1, Stopford Bldg.

**Manchester Medical Society - PATHOLOGY AND MEDICINE:** "Bioterrorism". Dr N J Beeching (Liverpool). 5.30pm, LT2, Stopford Bldg.

## Thursday 10 February

### Imaging Science and Biomedical Engineering:

"Assessing the shoulder". Speakers: Dr L Funk (Salford), Dr J N Harris (Salford) and Dr C E Hutchinson (Salford). 5.15pm, LT3, Stopford Bldg.

**Manchester Medical Society - ANAESTHESIA** Abbott Trainees' Prize Papers. 7pm, Postgraduate Health Sciences Centre, MRI.

**Chemical Engineering and Analytical Science:** "Intermediate processing of polymer-silica hybrid nanoparticles with the aid of x-ray microtomography". Dr Ugur Tuzun (Surrey). 12pm, Room JC63/64, C Floor, The Mill.

**Centre for Jewish Studies:** "Trustfulness and avarice as economic-religious elements of the Christian infamia facti vocabulary". Prof Giacomo Todeschini (Trieste). 4pm, Room A18, Humanities Lime Grove (formerly Arts Bldg).

## Monday 14th February

**Institute of Innovation Research:** "Leveraging internal knowledge through formal interaction

in knowledge markets". Barbara Becker (McKinsey and Co). 4pm, Room 10.05, Harold Hankins Building, Precinct Centre, Oxford Road. Tea and coffee available from 3.45pm.

## Tuesday 15 February

### Nursing, Midwifery and Social Work:

"Occupational reintegration for people affected by cancer". Ziv Amir. 12.30pm, COPE Room, Coupland 3 Bldg.

**CHSTM:** "The Aberdeen Agricola: The chemistry of James Anderson's Georgics and Geology, 1770-1800". Matthew Eddy (Durham). 4pm, Room 2.57, Simon Bldg. All welcome.

**Computer Conservation Society:** "The 1100 Series EMIDEC". Prof David Parsons. 5.30pm, Museum of Science and Industry. Further details: <http://cedarsgw.leeds.ac.uk/ccs>

**Planning and Landscape:** "Development cultures". John Henneberry (Sheffield). 4pm, Hanson Room, Humanities Bridgeford Street.

## Wednesday 16 February

### School of Law European Matrix Seminar:

"The first prosecutions at the International Criminal Court". Prof William Schabas (National University of Ireland). 2.15pm, Room 3.07, Williamson Bldg.

**Life Sciences AstraZeneca Seminar:** "Functional MRI in monkeys: studying mass action by means of imaging, connectivity and electrophysiology techniques". Nikos Logothetis (Max-Planck Institute, Germany). 12pm, LT1, Stopford Bldg.

## Thursday 17 February

**British Computer Society:** "Measuring the value of testing". Dorothy Graham (Grove Consultants). 6.15pm Buffet, 6.45pm Lecture, Renold Bldg. Further details: [www.bcsmanchester.org.uk](http://www.bcsmanchester.org.uk)

### Imaging Science and Biomedical Engineering:

"Head and neck anatomy made easy - well a bit!". Dr R J Johnson (Manchester). 5.15pm, LT3, Stopford Bldg.

## Monday 21 February

, LT3, St

### Chemical Engineering and Analytical Science:

"Genetic modifications: ancient and modern". Prof Joseph Hulse (Manchester). 12pm, Room JC63/64 C Floor, The Mill.

## Tuesday 22 February

**CCSR:** "Confidentiality, privacy and the grid". Mark Elliot. 4pm, 2nd Floor Crawford House, (entrance from Booth St East).

**CHSTM:** "Across the Himalayas: The introduction

of biomedicine to Tibet". Alex McKay (UCL). 4pm, Room 2.57, Simon Bldg. All welcome.

### Manchester Medical Society IMAGING Mini Symposium:

"Computer assisted diagnosis". Dr M E Roddie (Hammersmith) and Dr P M Taylor (Manchester). 6pm, Postgraduate Health Sciences Centre, MRI. (Buffet from 7.45pm £5 payable in advance).

**School of Materials:** "Realising the potential of nanodimensional materials". Prof Paul O'Brien (Manchester). 6.45pm, Room D13, Manchester Materials Science Centre. All welcome.

## Wednesday 23 February

### Chemical Engineering and Analytical Science:

"Sustainable development of industrial biotechnologies". Prof Joseph Hulse (Manchester). 12pm, Room JC63/64, Floor C, The Mill.

### Manchester Medical Society PSYCHIATRY Symposium:

"Neurological/biological disorders of psychiatry". Speakers: Prof D Neary (Salford), Dr M Dolan (Salford), Prof J T O'Brien (Newcastle), and Prof A Jackson (Manchester). Presidential address by Dr P L Strickland (Manchester). 2pm, Lecture Theatre 1, Education and Research Centre, Wythenshawe Hospital.

**Sociology:** "Modernising colonialism: The British Labour Movement and Africa". Paul Kelemen. 4pm, Room 4.9, Roscoe Bldg.

### Life Sciences AstraZeneca Seminar:

"Small molecule and genetically encoded reporters of protein trafficking and protein-protein interactions". Alice Ting (MIT, USA). 12pm, LT1, Stopford Bldg.

## Thursday 24 February

**Chemical Engineering and Analytical Science:** "Proteins separation from waste food by ion exchange". Prof Mario Daiz Fernandez (University of Oviedo, Spain). 12pm, Room JC63/64, Floor C, The Mill.

### Manchester Medical Society PUBLIC HEALTH FORUM:

Festival of Public Health Work. Joint meeting with the Public Health Grand Rounds of the Evidence for Population Health Unit. 2pm, Jubilee Room, The University Refectory, Burlington St.

## Monday 28th February

**Institute of Innovation Research:** "Why do firms lose patent races? Evidence from the high-end computer industry". Jonathan Aylen (Manchester). 4pm, Room 10.05, Harold Hankins Building, Precinct Centre, Oxford Road. Tea and coffee available from 3.45pm.

# Noticeboard

## Class Network Lunchtime Seminar

Thursday 10 February  
1pm - 2pm Lecture Theatre 2  
Stopford Building

The CLASS Network is a group founded to promote communication between secretarial and clerical support staff and to identify their training needs. The seminar will focus on Career Development for secretarial and clerical staff and will be delivered by Terry Dray of the Careers Service and Stephanie Burke of the Staff Training and Development Unit.

This is the second lunchtime seminar provided by the CLASS Network and we hope it will be as successful as the last one. It is open to all secretarial and clerical staff and promises to be an interesting and informative event, which we hope will be well-supported. We look forward to seeing you there.

For further information about this or any of our other events, or the CLASS Network itself, please contact:  
Lorna.Marsland@manchester.ac.uk or  
Joan.lythgoe@manchester.ac.uk.

## Environment and Development

The University of Manchester  
2nd Manchester Lecture on Environment  
and Development

Wednesday 2 March

Immigrants and Citizens - A New  
Architecture for Political Membership  
by Prof Saskia Sassen, University of Chicago  
3.30pm, Crawford House Lecture Theatre 1

## The Teaching Research and Development Network (TRDN)

12pm - 2pm Thursday 17 February  
Committee Room A, Whitworth Corridor

"International Student Collaboration  
Online - Project Development, Strategic  
Context and Practical Implications".  
Frances Bell (Salford)

This session will cover the Collaboration  
Across Borders (CAB) Project which offers  
space for online student collaborative  
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**Victoria Park.** Spac f/f luxury 2 bed apart. Walking distance to Univ. Open plan liv rm, laminate flrs throughout. French windows onto grounds, parking, w/dryer, d/washer ch. £650pcm. 0161-256 1173.

**Didsbury Village.** Comfortable 2 bed Victorian Cottage in quiet cul-de-sac for rent for 6 mnths initially, poss longer. Suit visiting academic couple. F/F& mod with gch, dble glazed & a mod alarm. Close to shops & transport. No pets & non-smokers only. £695pm + bills & dep. (27)54003 or 07717 171 779.

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**Glossop Victoria St.** 2 bed 1st flr flat. First let, new kit, new bathrm, neutral dec throughout, cream carpets. Galleried lnge, exc acc must be viewed. 2 mins centre & train station direct to M/Cr. £525pcm. 0161-480 8583.

**Hulme.** 3 dble bedrms, 1 with en-suite. 1 secure parking also avail. 10 mins walk from campus. £250 - £280pcm inc bills. 07932 631 110 or email: rajinder.dudrah@manchester.ac.uk

**Cholton.** Rm avail in shared hse. £49pw. 07887 775 556 after 3.30pm.

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**Roseland, Cornwall.** Secluded, super-comfortable chalet with own woodland, between tidal creek (50yds) & sea-beach (300yds), en-suite, verandah, fab views.

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**Devon.** Delightful, semi-det, early 19th century cottage with lrge gdn, loc in a designated area of outstanding natural beauty. 10-15 mins walk from the River Otter & the coast at Bugleigh Salterton. Sleeps 5 in 3 bedrms. Email: Stanley.Roberts@manchester.ac.uk

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## Just The Job

# Annette Babchuk

## Head of Alumni Relations

**Ever wondered what happens to all of our graduates once they leave University? If you thought they all disappeared into work life and forgot about their alma mater you'd be wrong, and we have a dedicated team whose aim is to keep in touch with as many of them as possible.**



Annette Babchuk is the University's Head of Alumni Relations, and she leads a team of staff who work hard to ensure graduates are kept up to date with news from the University. She is also responsible for ensuring as many of them as possible are recruited to spread the word about Manchester. A major part of her role is establishing contact with staff from across the University who have regular contact with graduates, to enable a co-ordinated strategy of communication with our alumni.

Annette's career in University administration has included various roles in the Schools & Colleges Liaison Office and the International Office at UMIST. In January 1995 she took up the post of Alumni Officer, becoming Head of Alumni Relations at UMIST in September 2001 and began her new role in September 2004. She commented: "I've always loved this job as I enjoy working with people, so when the opportunity to work in this area came up I jumped, as it was too good to miss!"

A typical day, if there is such a thing for Annette, involves meeting with graduates to discuss ways in which the relationship can be sustained as well as overseeing the development of benefits and services which will keep the alumni engaged with the University. Maintaining relationships through the alumni life-cycle is a huge task, and the main aspect of her role.

Her office is constantly looking at new programmes of communication and events with graduates, and she recently returned from a trip to Singapore to attend a degree ceremony for the University's graduands in Singapore. She commented: "The University has been running a degree ceremony in Singapore for four years for its BSc Management taught programme degree. The 2005 ceremony included graduands from the distance MBA programme too, and the event was presided over by the President. I was responsible for the operational aspects of the ceremony, which was a huge task!"

Whilst in the Far East Annette attended a series of meetings and events with alumni in Singapore and Kuala Lumpur with Professor Paul Layzell and Jackie Furby. She commented: "The highlight event of the trip took place in the Equinox Centre on the 69th floor of the Raffles Convention Centre, which gave us spectacular views of Singapore by night. More than 160 alumni attended the meeting, thanks to the hard work of the University's alumni association in Singapore, who pulled out all the stops to ensure the event was a success."

It's obvious that Annette loves her job, and the best bit? As she says "It's the warm feeling I get from alumni who have great memories of their time here and want to put something back for current and future students."

When she's not working Annette likes nothing more than a walk in the Lake District to "get a blast of fresh air", or to relax with friends and family over a glass of red wine! She's also a member of Manchester's Ukrainian community.

Next Issue is 21 Feb

### News Contact

#### News and story ideas

Rachael McGraw

Telephone 0161 275 2111  
Email [uninews@man.ac.uk](mailto:uninews@man.ac.uk)  
Deadline 11 Feb

### Events Contact

#### Events and listings information

Philippa Adshead

Telephone 0161 275 2922  
Email [unievents@man.ac.uk](mailto:unievents@man.ac.uk)  
Deadline 11 Feb

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