

RESEARCH AND GRADUATE COLLEGE

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University of Salford
A Greater Manchester University

May/June 2010

RISE

Research Innovation and Internationalisation News

INSIDE

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A thirst for knowledge

Minerals and Nuclear Waste

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Do Universal Human Rights Begin?

**The times they are
a changing...**

United Nations Campaign

PLUS

Phone Home | A gut feeling | Smile Please | INNIT's got Styal | and much more ...

welcome ...



... to RISE, as we move into our second year of publication. RISE is the **Research, Innovation and Internationalisation Newsletter** from the office of the Pro-Vice-Chancellor (Research and Innovation) and the International Relations Office at the University of Salford. The aim of RISE is to let you know about our expertise in research, innovation and internationalisation and to reach out locally, nationally and internationally.

In the words of the immortal Bob Dylan... 'The times they are a changing...'. Universities across the UK are facing their biggest changes and challenges for many years.

However here at the University of Salford one thing that won't change is our direction. We will continue constantly to achieve excellence in our Research and Innovative Practices, tirelessly working to provide real world solutions to real world problems.

Politics is on everyone's mind at the moment, and Professor Jim Newell from the School of English, Sociology, Politics and Contemporary History, recently appeared on the BBC Politics show, talking about the younger generation and their lack of enthusiasm for things political and the future election, you can read his article in this issue.

Politics and Human Rights are always high on debating lists in the run up to any election, and the lead story in this issue is from our new Chancellor Dr. Irene Khan, who until recently was Amnesty International's Secretary General. In her article she talks about Human Rights, where do they begin and how do we globally begin to tackle the issue. Professor Dilanthi Amarasinga and Dr Richard Haigh, from the Centre for Disaster Resilience are returning

to this Newsletter to tell us about their research, teaching and their new partnership with the United Nations (UN) and the UN's International Strategy for Disaster Risk Reduction. Research requires resources and Roz Howard's article explains how the University, in collaboration with the World Health Organisation Outreach Training programme HINARI, held a unique teaching session, Access to Research, as part of the MSc in Public Health and Society, providing free or very low cost online access to major journals for researchers across the world.

Staying with the Faculty of Health and Social Care in this issue there are also articles on osteoarthritis research involving world leading expertise and an article addressing children's teeth and research around preventing tooth decay in younger children.

Languages and their processes, were highlighted at a lecture series given by the School of Languages recently turn to page 20 for more information. A different kind of language is also highlighted in this issue, that of digital language, how we view our TV screens now and in the future is discussed in Ben Shirley's article on page 12 and Professor Paul Sermon and Charlotte Gould take us even further along this innovative pathway, creating digital art installations around the world which explore and

explain the concepts and technologies of the future. Turn to page 6 for this article.

Awards have been won again at the University, and in this issue you can read about Professor T X Mei who has been awarded the John Jarret Davies Prize, Dr. Haifa Takruri-Rizk who has been awarded the Fazlur Rahman Khan Award for Excellence in Engineering, Science and Technology and Andrew Wotton, Caroline Davey and Melissa Marselle from the Design Against Crime Solution Centre, who with their partners Greater Manchester Police, have won the prestigious Secured by Design Innovation Award, and finally the most unusual award of all, although highly prestigious in the scientific world, Professor Phil Craig, from Parasitology and Disease Research Centre, has had a new species of parasitic roundworm named after him!

Please do contact us if you feel that our research is of interest to you, is applicable to your needs or can support your business, policy or processes in any way. The University of Salford's door is always open to conversation, collaboration and new partnerships. All are welcome!

Professor Ghassan Aouad,
Pro Vice Chancellor (Research & Innovation)



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We are living in a world that is not only made dangerous by violence, but also deeply divided by poverty, inequality and marginalisation



Where...

Do Universal Human Rights Begin?

Here at the University we are deeply honoured to welcome our new Chancellor to our halls,
Dr. Irene Zubaida Khan.

Irene may be new to Salford but she is not a stranger to the area having studied law at The Victoria University of Manchester before going on to Harvard Law School, to specialise in public international law and human rights. The Manchester area in the mid 1970's is where she first became a human rights activist. Irene had just come from a bloody war that led to the creation of her country, Bangladesh, and was only too aware of the struggles in the fight for freedom, but it was as a law student she learnt about the relationship between freedom and the rule of law.

Irene's work and career over the last 30 years has spanned countries and continents, taking her to all corners of our globe, widening her knowledge and expertise in such difficult subjects as poverty, human rights, discrimination and deprivation, into the trusted and widely consulted expert she is today. In her past she has helped to found the development organisation Concern Universal, has been a human rights activist with the International Commission of Jurists, joined the United Nations as High Commissioner for Refugees (UNHCR) and appointed as UNHCR Chief of Mission in India. She has led the UNHCR in the Former Yugoslav Republic of Macedonia during the

Kosovo crisis in 1999 and was appointed Deputy Director of International Protection later that year. In 2001 she became Amnesty International's Secretary General and was the first woman, the first Asian and the first Muslim to guide the world's largest human rights organisation.

Over the years spanning her career Irene's research has shown her that the two dominant trends casting long shadows on the human rights landscape are those of insecurity and inequality. In her inauguration speech at the University last October Irene said: "We are living in a world that is not only made dangerous by violence, but also deeply divided by poverty, inequality and marginalisation of large groups of people". One of Irene's many talents is as an author, and in her latest book, *The Unheard Truth: Poverty and Human Rights*, through personal thoughts, experiences, reflections and case-studies, Irene discusses why poverty is first and foremost not a problem of economics but of human rights. The issue of world poverty, and ending it, has become the rallying cry of international organizations, political and business leaders, philanthropists and rock stars. But, as Irene points out, it is almost certainly doomed to fail if it is driven solely by the imperative of boosting economic

growth through investment, trade, new technology or foreign aid.

Poverty, Irene tells us, "is ultimately about powerlessness. Rights are claims that the weak have on the powerful. That is why human rights are not just another strategy to eradicate poverty – they are an essential part of any successful strategy to overcome poverty.

Throughout the book I write about the good news stories, the changes that have come about because people have organized themselves. Laws are being introduced on freedom of information; slums are being upgraded; women are gaining greater access to resources, health care and education. These changes are happening because of the efforts of civil society, NGOs and the poor communities themselves. They show a rich area for research and analysis – and for new theories of empowerment to be tried and tested. I believe they will show that ultimately the answer to eradicating poverty lies not in enrichment but in the empowerment of the poor".

If you would like to know more about Irene's research and her new book contact her at: a.j.smith1@salford.ac.uk

...in a world



of pure imagination

Some of us live in the past, some of us live in the here and now, but Paul Sermon, Professor of Creative Technology and Associate Head Research and Programme Leader Charlotte Gould from the School of Art and Design at the University, are both working towards and researching into the concepts and technologies of the future.

Paul and Charlotte have had a busy time recently, preparing for the FutureEverything Conference which is to take place in May and developing a new version of the interactive public video installation presented at the Glastonbury Festival 09 for the MOVES10 Media and Arts Festival held in Liverpool recently. Paul's installation for the GloNet Front Room will utilize internet videoconference and virtual-studio technology to locate remote festival participants in a simulated domestic 'living-room' setting by augmenting participants into the comfort of an 'armchair seminar'. This installation follows the development of a series of telecommunication art works Paul has produced since the early 1990s, using customised videoconferencing technology as a means of bringing geographically remote audiences together in a shared telepresent interactive and performative setting.

This year's FutureEverything theme of Globally Networked Events (GloNets) 'Distant collaboration at no fly events' lends itself directly to the artistic concepts and presence research Paul has been developing over the past years and is a fitting media arts festival and conference environment to further this practice. GloNet Front Room will utilize advanced video conference and virtual-studio technology to locate remote festival participants in a simulated domestic 'living-room/lounge' setting by augmenting participants into the comfort of an 'armchair seminar' debate amongst conference delegates in the context of networked presence.

Following the success of 'Picnic on the Screen', presented at the Glastonbury Festival



2009, Paul and Charlotte were recently invited to develop a new version of this interactive public video installation for the MOVES10 Media Arts Festival at venues across Liverpool. The installation was billed as one of the leading artworks at this year's Festival, building on the theme of 'framing motion' and used to link public audiences between the Bluecoat Gallery Garden and locations in Liverpool, for the first time via a telematic videoconference connection.

This work was shown in Liverpool town centre, and, simultaneously, in the gardens of the Bluecoat Gallery, allowing the public to engage and interact while simply passing through or relaxing having lunch. This playful environment merged two public spaces together, creating a third otherworldly space on screen where people interacted with others across the city at a virtual picnic table, allowing the audience to explore alternative networked spaces. The piece explored the potential for interactive works to engage the public and in this way the audience make a creative contribution to the installation through the development of unique narrative events. The works encouraged visitors to be playful, interacting with others and the environment in a way that they would not

otherwise have done. Utilising the latest blue screen and HD videoconferencing technology the installation brought together public participants within a shared telepresent urban picnic scene. Merging live camera views of remote audiences together and placing them within a computer illustrated environment, together with computer animated elements that are triggered and controlled by the audience through a unique motion tracking interface integrated within the installation. Charlotte and Paul also worked with Alastair Swenson from the School to develop the motion tracking and flash programming in this installation.

In addition to the installation Paul and Charlotte hosted a practice-based workshop for artists, researchers and students to take part and contribute to the research and evaluation of the project under the theme of 'telepresence as framing motion'.

Both of these projects have been supported by the Arts Council England. If you would like to know more about this research contact Paul or Charlotte at: p.sermon@salford.ac.uk or c.e.gould@salford.ac.uk



Dr Phil Graham-Smith and Richard Jones

Its a walking Miracle!

.....
 We've all heard about the FitFlop, it claims to tone the calves and thighs, but does it? Researchers at the University are working with the FitFlop team to improve their scientific knowledge and understanding of the Product. Dr Phil Graham-Smith and Richard Jones from the School of Health, Sport & Rehabilitation Sciences were approached by entrepreneur Marcia Kilgore, inventor of the FitFlop, to carry out an independent evaluation of a new prototype.

Marcia had designed the FitFlop to provide a 'workout while you walk' developing her product with assistance from Dr Dave Cooke from London South Bank University, but she had faced many challenges in getting a prototype manufactured. Having already invested large sums of money she wanted scientific evidence that her concept worked before committing millions more dollars into the project. Phil and Rich, with their combined expertise in sport biomechanics and clinical gait analysis, were the ideal pairing to evaluate the product in the School's new state of the art Human Performance Laboratory in the Mary Seacole Building. And so the science began, using force platforms, infra red cameras, tracking motion and retro-reflective markers, muscle activity was measured. Phil explained "the early tests suggested that the calf and hip muscles were being activated for longer when wearing the FitFlops, it appeared the unique design and construction might influence muscle activity". On the evidence of the scientific trials and Phil and Rich's evaluation, Marcia decided to go ahead with mass production.

Sales of FitFlop footwear have been astronomical since their launch in April 2007. Did it end there you may ask, a successful

product developed with design flair and scientific knowledge? No this story goes further! In the period after the initial sales market drive, consumers wrote into the company in their thousands, claiming that the FitFlops they had purchased were offering other health benefits. Customers were claiming that FitFlops had helped to alleviate knee and lower back pain, arthritis and plantar fasciitis. Other consumers indicated that FitFlops were so comfortable that they had provided the stimulus to go out and exercise, the increased exercise helping them to lose weight and achieve overall health benefits from weight loss! Marcia was desperate to understand why the product was having such an effect on the quality of peoples' lives and what design features were responsible, and once again came back to the University to Phil and Rich for the scientific facts. Rich explained "In many ways this was unexpected, the construction of the FitFlop goes against the grain compared to other footwear manufacturers who tend to provide more, not less stability" this second research initiative led to an application for a Knowledge Transfer Partnership (KTP) worth £120k.

Are they a 'miracle shoe'? The first year of

the two year KTP has just been completed and research associate Carina Price, who has been busy conducting trials on people with back, knee and heel pain says "the initial findings from in-shoe pressure mapping are encouraging, FitFlops significantly reduce pressure in the heel and forefoot areas and the softer mid section tends to mould itself under the arch. For future research we are focussing more on how FitFlops may influence forces applied by the floor to the body and reduce stress around joints".

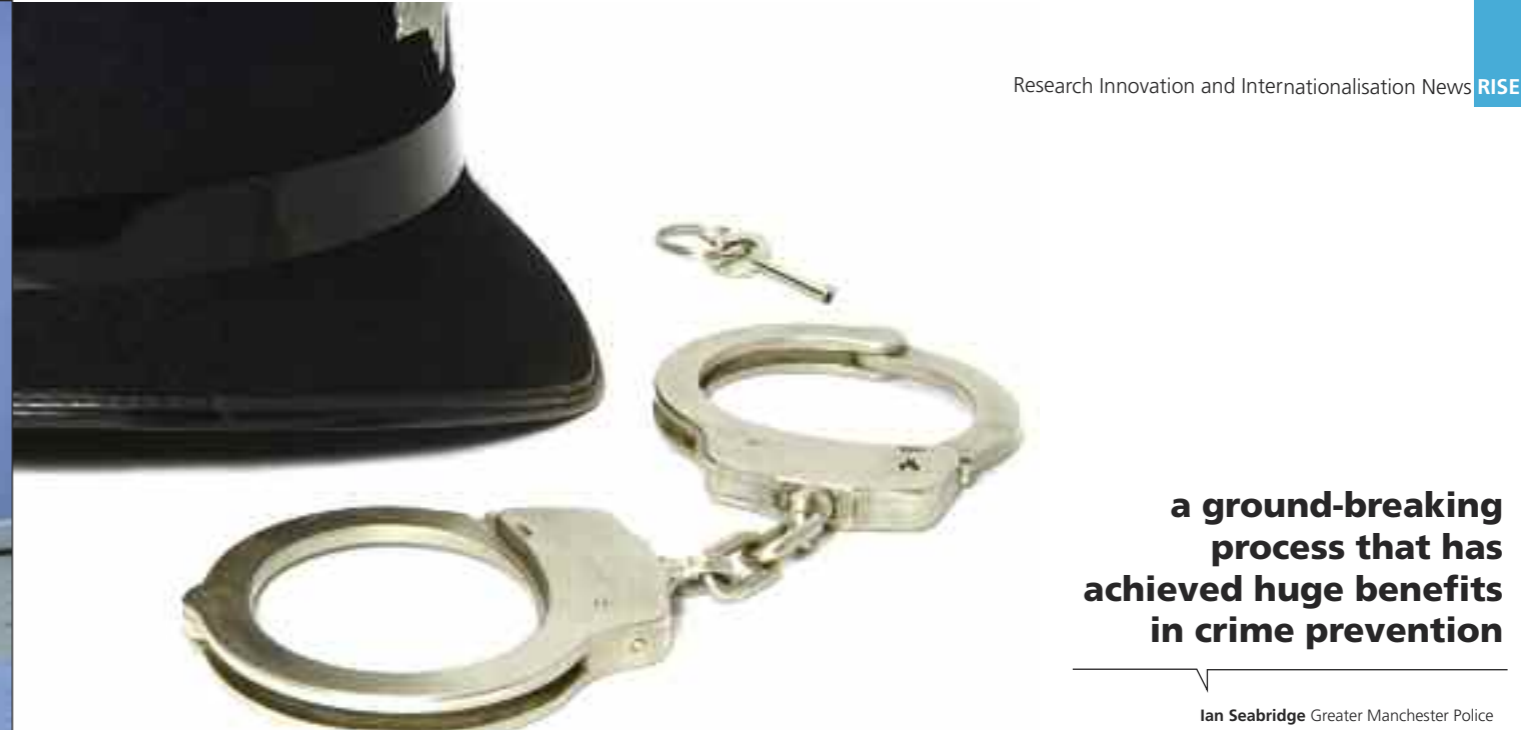
The technology and expertise in gait analysis, sports and footwear biomechanics, at the school is available to all sports and footwear manufacturers, and the School's and the University's door is always open to conversation and collaboration.

If you would like to know more about this research project or feel your business would benefit from the School's expertise contact: r.k.jones@salford.ac.uk

If you would like to be a volunteer for future trials of FitFlop contact Carina at: c.l.price@salford.ac.uk



Scientific Trails



a ground-breaking process that has achieved huge benefits in crime prevention

Ian Seabridge Greater Manchester Police

Recognition

for Innovative and Groundbreaking Work

.....
 Andrew Wootton, Caroline Davey and Melissa Marselle from the University's Design Against Crime Solution Centre, and their partner Greater Manchester Police (GMP), have had their research in the fight against crime recognized, as GMP have won the prestigious Secured By Design Innovation Award.

The force's Design for Security consultancy has scooped the Association of Chief Police Officer's (ACPO) Secured by Design Innovation prize. The £10,000 award recognises GMP's pioneering work in providing crime prevention design advice to architects, planners and developers.

Design for Security is the GMP in-house crime-prevention consultancy, which specialises in working with architects, local planners and developers to design buildings that remove criminal opportunities and reduce the risk of crime. In partnership with the Design Against Crime Solution Centre, GMP has developed a unique service providing timely and cost-effective crime prevention advice to the development industry.

A major component of this service is the Crime Impact Statement. This is a collaborative process in which the Design for Security consultant works closely with an architect during the very early stages of development. This work embeds well-established crime prevention principles within the design to protect the proposed buildings from crime.

GMP is currently the only police force in the UK that uses this innovative process. The development of this new way of working has drawn interest from other forces and councils across the country. The Design Against Crime Solution Centre is currently working with ACPO on options for national development of design-led crime prevention based on the Manchester's innovative process. Assistant Chief Constable of Greater Manchester Police Ian Seabridge said: "This is a unique example

of the benefits of partnership working and illustrates what can be achieved through innovation and lateral thinking. The dedication and foresight of Design for Security with the support of the Solution Centre has resulted in a ground-breaking process that has achieved huge benefits in crime prevention for Greater Manchester Police, Greater Manchester local authorities and the community. The award the team has won is testimony to their hard work and expertise."

If you would like to know more about the research ongoing in The Design Against Crime Solution Centre contact Melissa at: m.marselle@salford.ac.uk or Andrew at: a.wootton@salford.ac.uk

Good Research Good Decisions Good Business

We live and operate in a multifaceted, fast paced, frenetic world, where business can be conducted from the boardroom, to the living room to out in the field, via internet, mobiles or desk tops.

Research into all aspects of business, how we live with it, work with it, how we educate people to work in the future of it, how professionals operate in it, all these aspects of business are the driving force powering forward Salford Business School (SBS) and its research centres.

SBS is not only one of the largest providers of business and management education in the U.K. with more than 100 academics and 3000 students, but a growing centre of research excellence. The recent (2008) national Research Assessment Exercise showed that 74% of the research conducted in the School was either recognised internationally (2*), internationally excellent (3*) or world leading (4*). As a result, the School has attracted a rapidly growing number of doctoral students from all over the world, indeed as at the beginning of 2010 SBS had 140 doctoral students.

Research is key to the development of the future, and in SBS there are five thematic areas each defined by a distinct Research Centre. The Centre for Marketing & Strategy conducts research into strategic marketing and the Centre's members have particular expertise in the application of strategic marketing to service sectors, especially the arts, leisure, tourism, health care, education and financial services. In the Centre for Operations Management, Management Science and Statistics research is focused on decision problems confronting business, industry, commerce, health care and government with much of their work being multi-disciplinary. The Centre for Organisational Behaviour and Leadership includes areas such as organisational design and re-structuring, training and learning development for organisations, leading and managing change, globalization and IT-enabled service work, international and comparative study of employment systems, human resource management strategies and practices in multinational organizations, and service work in the global economy. The Centre for Enterprise & Innovation Research has specialist expertise in three key areas: international entrepreneurship; universities as facilitators of innovative activity and economic development at the regional level; entrepreneurship education;. The Information Systems, Organisation and Society Centre is an internationally renowned Centre and is ranked 11th in the world in information systems research, covering the social and organisational aspects of information systems and information and communication technologies. The School is also actively considering the creation of a sixth Centre, focusing on finance and accounting.



The School is currently leading large scale European Union projects, such as the INNOPOLIS Project which is led by the Centre for Enterprise and Innovation Research and aims to identify and disseminate best practice in innovation policy in university city-regions and the DEHEMS Project (Digital Environment Home Energy Management System). Through DEHEMS, the School has utilised technology provided by their business partners Clicks and Links and recently launched the SMARTER project paving the way for businesses and residential properties to save money and reduce their carbon footprint. SMARTER is the first project to deploy technology and research emanating from DEHEMS and was recently launched by Rt Hon Ed Miliband MP, Secretary of State for Energy and Climate Change. The School also has several regional Knowledge Transfer Partnerships (KTPs) and it's expertise is underpinning a number of knowledge-based management development programmes. Indeed, the School is the sole provider of the Institute of Directors Programme in the North West of England. It also offers a number of open-enrolment and in-company programmes. Recent customised programmes were delivered to Salford PCT, Capita Symmonds and the Lincolnshire Fire & Rescue Service.

SBS delivers innovative solutions to real business problems, learns from the business world in the past, to strengthen the present and pave the way to a successful future.

If you would like to know more about Salford Business School contact: c.kalantaridis@salford.ac.uk or p.scarf@salford.ac.uk

Research is key
to the development
of the future



Pick 'n' Mix

Enhanced Viewing of the Future



Signal Iduna Park, Dortmund

.....
Would you like to be able to view your TV screen at home whilst watching a match and not just see where the ball is but what the manager is doing on the side lines? How often have you wished that you could control your TV screen viewing in the same way you control a video game? Frustrating? Want to know who's at the back of the marathon race rather than at the front?

.....
Well Ben Shirley, Senior Lecturer at the University from the school of Computing, Science and Engineering, along with his colleagues Dr Ian Drumm and Dr Francis Li from the Acoustics Research Centre, are working on an European project that just may have come up with the start of the solution!

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 Ben and colleagues are working on a large European project entitled Format-Agnostic SScript-based INterAcTive Experience (FascinatE), this large project is attracting the interest of not only the likes of the Japanese broadcaster NHK but has large organisations such as the BBC, Fraunhofer Gesellschaft – Heinrich Hertz Institute in Germany, Alcatel-Lucen Bell NV from Belgium, theInteractive Institute in Sweden, and Softeco Sismat from Italy amongst others as partners, there are 12 partners in all on this 9.5 million Euro research project.

The FascinatE project will develop a system to allow end-users to interactively view and navigate around an ultra-high resolution video panorama showing a live event, with the accompanying audio automatically changing to match the selected view. The output will be adapted to the particular kind of device in use covering anything from a mobile handset to an immersive panoramic display.

towards capturing a format-agnostic representation of the whole scene from a given viewpoint rather than the view selected by a cameraman based on assumptions about the viewers screen size and interests. The project will concentrate on an approach that will deliver true high-quality images whilst giving a significant degree of interactivity for the viewer. So in 2013 you could be in the audience of a Take That concert enjoying the music, but not quite seeing Gary doing his thing on the stage, the concert is being recorded with a cluster of fixed cameras to record a high-resolution panoramic view, use your mobile to connect to the FascinateUR-mobile service, point your camera at Gary on the stage press the OK button and the picture on your camera is replaced by a high quality close-up live stream of Gary warts and all! As recorded by the camera system and repurposed for mobile usage.

In recent years how we as the public consume our media has rapidly changed, we view video on screens ranging from IMAX cinema through to large domestic projection and flat-panel displays, mobile phones and even watches! Professional video and film producers have known for a long time that content intended for a large screen needs to be shot in a totally different way to that for small screens, this involves lots of different cameras and shots, however with production budgets being squeezed this is not an economical way forward to deal with the consumer demand for increased viewing potential.



The FascinatE project aims, within its short time frame, to implement a system that provides a paradigm shift in video productions

The futures what you make it, and this team aim to give the public the freedom to make their viewing futures exactly what they want them to be.

If you would like to know more about this research contact Ben at:
b.g.shirley@salford.ac.uk



Phone Home!

.....
Dr Kate Booth and Professor Nigel Linge with a team of staff and students from the Computer Networking and Telecommunications Research Group at the University, along with engineers from Cisco, the BBC, Pennine Telecom, EyeWimax, Salford Electronics and Computer Associates and a colleague from BT-Connected Earth, spent two days in the Power Hall at the Museum of Science and Industry running interactive exhibits and talking to over 1600 visitors about how communications technology works as part of the group's popular Family Telecommunications Weekends.

This initiative was undertaken as part of the National Science and Engineering Week 2010, and was supported by a grant from RCUK. Exhibits during the weekend included; a celebration of 25 years of the mobile phone, including a countdown of the Top 10 iconic mobile phones as decided by an online opinion poll; videoconferencing and telepresence communications; the latest developments in high speed wireless broadband; object location detection and tracking; a large collection of telephones showing over 50 years of development and all connected together for added interest and a celebration of the convergence that has resulted in the modern smartphone.

The industry engineers were present as part of the RAE funded project So what do engineers actually do? Visitors were able to meet them and find out firsthand what engineers do and how their work is leading to new products and improved ways of communicating. This year's theme for National Science and Engineering Week was Earth and so the University's exhibits were themed to showcase how telecommunications technology has connected the people of Earth together. However, via 'opinion poles' visitors to the event were asked if they felt that these advances in technology had truly made life better!

An enjoyable weekend was had by researchers, engineers and visitors with all looking forward to coming back together for the next Family Telecommunications Weekend in October 2010 as part of the Greater Manchester Science Festival.

If you would like to know more about Nigel's research or the next Family Telecommunications weekend contact him at:
n.linge@salford.ac.uk



Frogs, Forests and DNA Fingerprints

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What does the private life of amphibians have in common with the criminal element of our society? Well they can both be identified by DNA fingerprinting techniques!

Robert Jehle, a Lecturer in the School of Environment and Life Sciences, is combining fieldwork all over the world with DNA laboratory technologies to investigate the private life of amphibians, and by applying the same technologies to these creatures as those used by forensic scientists to identify criminals, the hidden life of these secretive amphibians is being unearthed.

With one third of all species threatened with extinction, amphibians are among the most endangered animals worldwide. Useful protection measures can only be implemented when we understand fully their lifestyles and ecological needs. And therein lies Robert's research. Robert is currently conducting fieldwork on European newts and toads in the UK and France, has contributed to studies on frogs in South America, and combined his research with teaching about amphibians during field courses in the rainforests of East Africa and South-East Asia.

However, with field observations alone it is often impossible to reveal all aspects in life of free-ranging animals and so Robert and his colleagues have been utilising the DNA technologies that forensic scientists use to identify criminals and resolve family relationships among humans, and it's worked!

A recent study Robert was involved in, used DNA fingerprinting techniques to show that a putatively locally introduced newt population is actually of natural origin; on another front, Robert and his collaborators are currently showing that male poison-arrow frogs from the rainforests of French Guyana mate with several females in a single season, enhancing the gene pool of the whole population.

The Executive Committee of the World Congress of Herpetology, of which Robert is a member, plans the largest conference ever seen for scientists who study amphibians and reptiles (to be held in 2012 in Canada, with more than 1000 expected participants). Robert is also the Editor of the Herpetological Journal, one of the main international scientific outlets for this field of research.

If you would like to know more about Robert's research contact him at: **r.jehle@salford.ac.uk**



A thirst for knowledge!

.....
Marx and Engels did it in there, George Best did it in there, thousands of students over the years will have done it in there... debating the meaning of life, people, planets the universe and of course football!

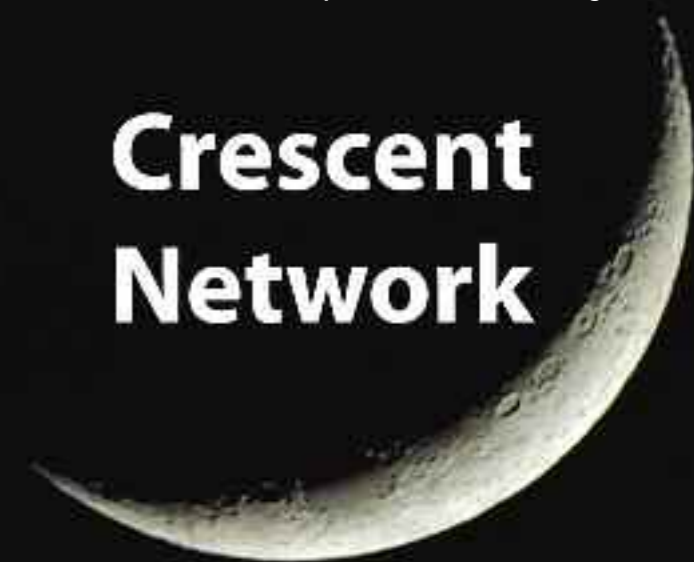
The latest group to meet and debate in the Crescent Pub is the Crescent Network. This innovative new network has been created to give those new to research and academia an opportunity to dip their toe in the pool of research and public engagement. From points of view on politics and history to quantum entanglement, speakers will post their talk titles and their research interests on their pages and talks will be given in a variety of pubs on research topics.

The first Network talk was from Gary Roswell, and was entitled: Space, what has it done for us? To a captivated audience Gary talked about the achievements made on earth through space exploration, showed images of planets and nebula's and in his summing up Gary showed a final image which, as he told the audience, was: "taken by Voyager, before it went beyond the bounds of communication, it took, from four billion miles away, a picture of where it had been, and that image, of a tiny greeny blue dot, is us, the earth, that's not science fiction, it's not an artist's impression, that's the whole of humanity, of history, poetry, music, of everything anyone has ever done". Makes you think doesn't it?

The Network's membership is rapidly growing with Professors, Lecturers, Researchers and Community Engagement Officers joining in! Click on and see what the next events are that might interest you, or why not register as a member and take your own first steps in the increasingly important world of public engagement. The network will also list places to find out about internal events of interest to research staff

You can visit the network at: **<http://crescent-network.ning.com/>**

Crescent Network



Professor Cynthia Pine, who is Dean for the Faculty of Health and Social Care (FHSC) here at the University, in her role as Honorary Consultant in Dental Public Health, is carrying out an ambitious project aided and abetted by Clinical Trial Co-ordinator Rosy Armstrong, Development Psychology PhD student Sarah Elison, Post Doctoral Researcher Val Featherstone and approximately 730 children!

Smile Please!



Statistically children in the North-West have the highest prevalence of tooth decay in England; and Salford has the sixth highest in the North-West. More than half of all Salford children have decay experience by age five. Every month about nineteen children in Salford are admitted to hospital to have teeth extracted under general anaesthesia which is the principal reason for planned hospital admissions for children under ten.

NHS Salford has recently been awarded a grant from the National Institutes for Health Research for Patient Benefit programme; to carry out a two year community based dental health clinical trial, with the University of Salford's FHSC acting as host sponsor for the trial. The randomised controlled trial (RCT) will be undertaken in conjunction with Salford City Council, and other academic partners at the University of Bangor and the University of Liverpool.

This project forms part of the work by the World Health Organisation (WHO) Collaborating Centre for Research on Oral Health in Deprived Communities for which the newly refurbished concourse in the Allerton building forms a home. The WHO collaborating centres are institutions such as research institutes, parts of universities or academies, which are designated by the Director-General of WHO to carry out activities in support of the Organisation's programmes.

This new project will identify families with a child approaching their first birthday who will then be asked to participate in this two year study to determine the outcome of a new dental service linking dental practices to a local Children's Centre. This new link is

designed to promote early attendance for routine care and help to reduce barriers to access. A further group of families will be assigned to a group receiving a behavioural intervention in the form of assistance in training to establish good oral health routines for life. This group training will begin with introducing regular toothbrushing at an early age and move to establishing a healthy, sugar free bedtime routine. Changes in oral health and other health related behaviours and attitudes will be measured using standardised psychological and behavioural scales.

A third group will be offered six monthly applications of a concentrated fluoride varnish painted onto the newly erupting teeth. This can be delivered by a Dental Care Professional (DCP) in the familiar setting of the Children's Centre. This quick and minimally invasive procedure is currently part of the Department of Health's recommended activity for preventing tooth decay but has not previously been carried out in very young children.

Each of the participating children will have a dental examination at age eighteen months and again at three years to collect data on the number of decayed, missing or filled baby teeth. The relative costs and benefits of each of these three preventative services will be evaluated and whichever is considered to be the most successful at preventing the very high levels of decay found in children in Salford could be swiftly incorporated into commissioning for future services.

If you would like to know more about this research contact Cynthia at:
c.pine@salford.ac.uk



Business Law and the Built Environment

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Money makes the world go round and never more so in the Faculty of Business Law and the Built Environment! With Real World Research at its forefront the faculty has been working hard on research initiatives and innovative practices, to create new partnerships and consortiums to enhance global practice through its research.

With new projects ongoing over the next three years, bringing in over £3 million pounds worth of research grants, this is going to be a busy Faculty! These new research initiatives encompass old friends and research partners and bring in new and exciting collaborations to our University. The research studies are diverse and from a variety of funders such as Economic and Social Research Council (ESRC), Engineering and Physical Sciences Research Council (EPSRC), Construction Industry Research and Information Association (CIRIA), AEA Technology, British Academy, The British Council, Technology Strategy Board, Salford City Council, North West development Agency (NWDA), HBOS and The Leadership for Higher Education.

Research will range from the political economy of sugar policy change to developing the digital and creative industries of the future. The research project undertaking the challenge in the digital and creative industries and creating national and international interest, is FIRM (Framework for Research and Innovation in MediaCityUK). Working with the BBC, University of Cambridge, Goldsmiths University of London,

Lancaster University, Massachusetts Institute Technology (MIT) and Northwest Vision and Media, Salford University will promote and develop research capacity in Higher Education in a way that is responsive to the needs of the industry, it will also provide economic benefit by delivering technological and sociological insights ready for commercial exploitation by developing new products and services for existing and new markets, enhance current practices and develop new mechanisms that connects the BBC and the Digital & Creative Industries sector in the Northwest.

Knowledge Transfer Partnerships (KTPs) are a big factor in the Faculty and a key part of the University's thinking. Working with business regionally and nationally, to share knowledge, implement findings and strengthen business basis and practices. Currently KTPs are underway in the Faculty with AEA Technology Plc and the BETA Group Ltd and Technology Strategy Board with Fusion21 Ltd.

Over the next few years the Faculty will be working closely with: Lloyds Banking Group looking at the behaviour of bank customers and consumer switching; The Department for Business, Innovation and Skills developing

and implementing nD modelling technology for sustainable building design in China; The Leadership Foundation for Higher Education identifying and contextualising the Higher Education Institutions with the most diverse communities and the drivers for successfully engaging with them; the British Council and the Prime Ministers Project bringing together an innovative partnership between three types of stakeholders; Higher Education Institutions in China, Higher Education Institutions in the UK and Professional bodies in the UK with the aim of creating state of the art curricula to produce highly employable graduates, plus many other regional, national and international HEIs and business partners.

The Faculty possesses an outstanding and vibrant research environment, as well as possessing great mono-disciplinary strength, research expertise and knowledge available to all!

If you would like to know more about the research grants ongoing within the Faculty contact Professor Mustafa Alshawi at: m.alshawi@salford.ac.uk



A gut feeling!

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What do you picture when you think of a Vole? A cute and cuddly Ratty (water vole) from Kenneth Grahame's children's classic The Wind in the Willows? Probably what most of us would imagine, but Professor Phil Craig from the University's Parasitology and Disease Research Centre in the School of Environment and Life Sciences, would see beyond the cute and furry and be looking for the long and wormy!

Phil wouldn't be so interested in the Vole as what's in its gut! Recently honoured by the Chinese Government for his research work into a killer parasitic disease which potentially saved the lives of thousands of people living on the edge of the Tibetan Plateau, Phil now has a further accolade, that of having a new species of parasitic roundworm named after him. The roundworm, *Heligmosomoides craigi*, commonly found in the gut of an obscure rodent (vole) that lives on the edge of the Tibetan Plateau, has been named *Heligmosomoides craigi* after Phil because of his continued research work there over the years. The Paris Museum research group, who

undertook the study with rodent guts, said in their paper ".....We consider, at least provisionally, that the specimens from *Microtus limnophilus* belong to a new species which we have named *Heligmosomoides craigi* n. sp in honour of Professor Philip Simon Craig, Salford University, UK. He has devoted his professional life to parasitology and has promoted parasite eco-epidemiological studies in China". To most of us having a roundworm named after us isn't quite the epitome of glamour! But to Phil its an eternal honour as the scientific name of this roundworm will be part of the global biodiversity for future generations.

If you would like to know more about Phil's research contact him at: p.s.craig@salford.ac.uk



H. polygyrus 1994 ApodemusRS

John Jarrett Davies Prize INNIT's got Styal!

.....
Professor T X Mei, School of Computing, Science and Engineering has recently been awarded the John Jarrett Davis Prize by the Institute of Mechanical Engineers (UK).

T X Mei is the Head of the CASE Control & Systems Engineering Research Centre at the University, and his research is around the advanced control and mechatronic solutions for industrial problems, especially applied to railway and automotive systems including fault tolerance, condition monitoring, traction control, wheel-rail contact mechanics, vehicle dynamics, intelligent sensing and data fusion and system integration, it is in recognition of his research work that the Institute awarded this prize.

The Institution of Mechanical Engineers is the fastest growing professional engineering institution in the UK. With 80,000 members working at the centre of the country's most important and dynamic industries. The Institution works with leading companies, universities and think tanks, to create and share knowledge to provide government, businesses and the public with fresh thinking and authoritative guidance on all aspects of mechanical engineering. The Institution's focus is to provide research and information on four principal themes which affect their engineers, these are; Energy, Environment, Transport and Education. T X was awarded the prize in recognition of his pioneering research into the development of a novel measurement technique of railway vehicle ground speed using robust and low cost inertial (vibration) sensors.

If you would like to know more about T X's research contact him at: t.x.mei@salford.ac.uk

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Sara Eyre, a part time Journalism Lecturer at the University, is leading on an innovative project involving University of Salford journalism students and staff and inmates at Her Majesty's Prison Styal.

Throughout the year, groups of journalism students, postgraduate and undergraduate, travel to HMP Styal – a women's prison, near Wilmslow – to work with offenders on writing and producing their own in-house magazine. This magazine, Innit, is a quarterly publication, which carries news and features, puzzles and poems, short stories and showbiz gossip. Acting as mentors at the weekly writing workshop the students discuss story ideas, offer tips on how to write as a journalist and give coaching in interview techniques. They also help the women to decide on content and page design. So far four magazines have already been produced with the student's help, the last issue being published this Spring. Sara said "there is enormous potential to extend our relationship with Styal in the future and this work is paving the way for future research and engagement activity". The magazine is not the only product of this engagement though, meeting people who are involved in full-time education can contribute towards the rehabilitation of some of the offenders, and students get the chance to work in a more challenging environment, re-evaluate their own values and take on proper responsibilities.

The University's involvement in the project is supported by funding from the Lady Monica Cockfield Memorial Trust, which also provides bursary and scholarship opportunities for undergraduate journalism students.

If you would like to know more about Sara's work contact her at: s.eyre@salford.ac.uk

Language is a process of



Free Creation...

So said Noam Chomsky, the linguist and social critic, and all the hundreds of visitors to the high profile lecture series held recently in the School of Languages here at the University would agree with him.

The School is a major centre for research and teaching in translation and interpreting

The recent lecture series given by the School has sought to cover a range of themes highlighting the importance of "language" for society and its wider policy relevance while linking its themes to key areas of research within the School. The series also coincided with the 25th anniversary of the School's postgraduate programmes in translation and the 45th anniversary of the School's establishment.

The inaugural talk in the series was given by the Defence Correspondent of The Times, Deborah Haynes, winner of the Rat Up a Drainpipe Award for her work on Iraqi interpreters. Deborah talked about her experiences of working with interpreters in Iraq and gave the audience a first-hand account of the experience of working with (often untrained) citizen interpreters, drawing out some of its moral dilemmas and contrasting this experience with that of the trained interpreter from outside Iraq. Her lecture came in the wake of two highly successful conferences, and a seminar series, on the theme of "translation and conflict" held by the School of Languages over recent years.

The School is a major centre for research and teaching in translation and interpreting and houses the Centre for Translation, Interpreting and Intercultural

Studies. It is the national leader for the HEFCE and DfCSF-funded Routes into Languages Translation Network and a national partner of the Network for Interpreting.

Children, deprivation of language and the curricula was next in the lecture series and this second lecture was delivered by Mike Rosen, the former Children's Laureate, and addressed the theme of "The Decline of English and Deprived Curricula" examining the impact of school curricula on language deprivation amongst children. The focus on the study of English for this lecture reflects research work ongoing in the Centre for Linguistics and Applied Linguistics and the School's important regional role in the delivery of English as a Foreign Language along with English language pedagogy and research. Baroness Cousins, Chair of the All-Party Parliamentary Group on Modern Languages, delivered the third lecture in the series. The Baroness' lecture highlighted the importance of learning and using modern languages and the means by which modern foreign language learning can be encouraged from primary level through to higher education. 370 staff, students and members of the general public attended the final lecture in the School delivered by the eminent linguist, Professor David Crystal OBE. The School is a growing force in the field of linguistics: 75% of its 2008 RAE submission to linguistics was deemed to be of international quality with 35% classed as internationally excellent or world class. David engagingly talked about the size of the English-speaking population around the world and its growing diversity and threw into sharp relief the importance of national, regional and local knowledge in the understanding of English.

If you would like to know more about this Lecture Series or the research ongoing in the School of Languages contact Dr. Abigail Gregory at: a.gregory@salford.ac.uk



Michael Rosen



Baroness Cousins



David Crystal



Deborah Haynes

Prevention is better than cure

Two University of Salford Academics, as part of a wider team, have been awarded a prize from The Health Foundation which is an independent charity, to take forward their plans to reduce sickness absence amongst NHS staff in Salford. This new prize, known as SHINE, is awarded by The Foundation to focus on the discovery of new ways to improve the delivery and cost effectiveness of healthcare.

Christine Parker, a Lecturer and Researcher in the School of Health Sport & Rehabilitation Sciences and Dr. Lindsey Dugdill, Reader in Physical Activity and Public Health, along with their project partners Victoria Dickens and Ross Whiteside from Salford Community Health, came up with the idea to develop a service called 'Working Well' which is a case management model for preventing and managing sickness absence. Long term sickness costs the NHS over £1.5bn per year. This initiative focuses on developing effective strategies for returning to work after illness or staying in work by preventing sickness absence.

Christine said "There is a great appetite within the NHS to reduce the time staff spend off sick and they've been extremely enthusiastic about Working Well. Essentially, the project is about the old adage of 'prevention is better than cure', and by working with NHS Salford we hope to be able to prevent a lot of people from falling ill."

The Working Well project will be run on a trial basis during 2010, and will then be evaluated ahead of a potentially much wider rollout in 2011. The Health Foundation has granted Working Well the resources to make the plans come to life, and have promised to ensure that the innovation receives national recognition and gets promoted to policy-makers and NHS leaders, which could have the potential to lead to a regional or even national rollout of the concept.

If you would like to know more about this research contact Christine at:
c.parker1@salford.ac.uk



Holmes Chapel pupils conducting experiments

Exploring the past: Science Meets Archaeology

As part of National Science and Engineering Week 2010 Professor Sue Kilcoyne and Mr Jay Smith from the School of Computing, Science and Engineering joined forces with Mrs Griselda Garner and Mr Graham Massey from The Blackden Trust to show pupils from Holmes Chapel Comprehensive School how advanced scientific techniques now play an extremely important part in all aspects of archaeological investigation; from the initial geophysical surveys of potential sites to the sophisticated and often complicated analysis of the artefacts discovered during the excavations.

Each presentation started with an introduction to the scientific techniques that are now an integral part of archaeological investigation. Sue described how resistivity, magnetometry and metal detecting can help archaeologists piece together and understand the fragmentary evidence history has left to be deciphered. She outlined the strengths and weaknesses of the different techniques and discussed the need to combine the results of several techniques in order to obtain the best description of a site. The students then had a chance to put what they had learnt into practice! They were provided with mini archaeological sites (sand in plastic troughs) in which objects with varying resistivity were buried. By surveying the site, using mini resistivity probes, to get an indication of where the objects were buried, they then used their results to carry out an excavation of their site, and find the buried objects.

The session finished with a presentation from Sue describing the novel and exciting techniques using neutron beams to probe

deeply within objects, revealing the detail of their structure and providing unique information on their origin, composition, manufacture, use, and even their authenticity. Sue also discussed how future scientific developments will expand the essential role that science now plays in the finding and interpretation of archaeology. The day was a great success! Three of the pupils asked to be included in the archaeological dig at The Blackden Trust in August and several other pupils also said that it would make them think more positively about continuing with a science course after GCSE.

If you would like to know more about The Blackden Trust or take part in any of the activities offered please visit:
<http://www.theblackdenrust.dibben.org.uk/>.

For more information about Science and Archaeology please contact Sue at:
s.h.kilcoyne@salford.ac.uk

A Nice Seminar

The Faculty of Health and Social Care recently held a leading edge seminar which focused on the application of the principles of evidence based medicine to social science and public health data and its importance, particularly the experience of NICE in developing public health guidance since 2005. Professor Mike Kelly was the honoured guest and the seminar's keynote speaker.

Mike is the Director of the Public Health Department at the National Institute of Health and Clinical Excellence (NICE), UK. His seminar summarised the work to date of NICE, a body that has been examining the effectiveness and cost-effectiveness of various public health interventions. He also explained how thinking about the hierarchy of evidence that can be used to judge public health effectiveness has shifted over time. Mike's expansive areas of research include: evidence based approaches to evidence synthesis, health improvement, and methodological problems in public health research, chronic illness, coronary heart disease prevention, disability, physical activity, social identity, health inequalities and community involvement in health promotion.

Dr Lindsey Dugdill, Director of the Centre for Social Justice Research at the University said, "This seminar was important in updating a range of health professionals and students regarding the advances that have been made nationally by NICE in the understanding of public health interventions: what works, why these

interventions work and which are most cost effective to implement." Lindsey had previously lead (in 2007) a systematic review of the effectiveness of workplace physical activity interventions for NICE, which informed the development of public health guidance for workplaces.

The seminar's content included the ontological status of the variables involved, the length of the causal chain between interventions and outcomes in public health, the different analytic levels of explanation and the breadth of the evidence base and was attended by Directors of Primary Care Trusts, members of the NHS and SHA, research networks and academic and health departments of various higher education establishments.

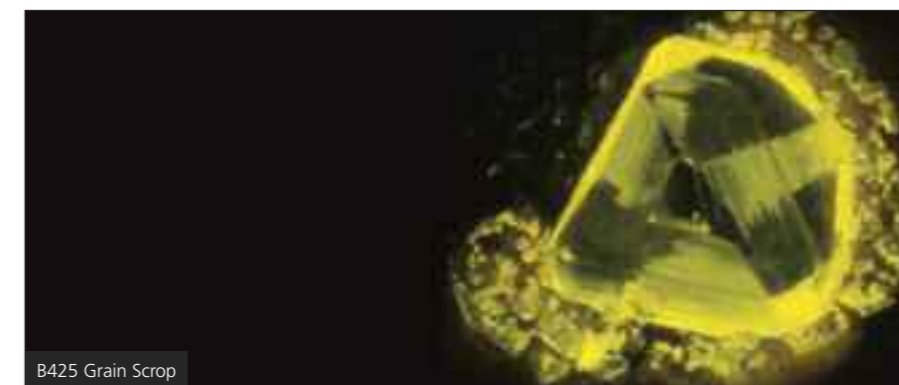
If you would like to know more about this seminar or the research in the Centre for Social Justice Research contact Lindsey at:
l.dugdill@salford.ac.uk

Minerals and Nuclear Waste

We all hear every day about the need for sourcing low carbon energy, we are encouraged to be green and to rethink our carbon footprint, but being green or trying to become more environmentally friendly, has a flip side such as issues of waste management from nuclear power generation. Dr. Linda Campbell from the School of Environment and Life Sciences at the University is, with international colleagues, looking at just this issue.

One of the areas that Linda, along with colleagues, Thorsten Geisler, University of Muenster in Germany, Richard Pattrick and John Charnock, University of Manchester and beamline scientist Fred Mosslemans from Diamond, are currently investigating in their search to this problem, is the area of minerals.

Some minerals have been proposed as waste containment materials, essentially for their ability to lock away dangerous elements within their solid crystal structures. One mineral that has excellent properties of contaminant acceptance and resistance to change is zircon (ZrSiO₄). Zircon has long been valued in the Earth Sciences for preserving indicators of geological history through wide changes of temperature, pressure and chemical environment. However, under certain conditions reactions and breakdown of the mineral are possible, and Linda has been studying some unusual changes in natural zircons from China.



B425 Grain Scrop

At the same time, and as part of the project, a major research group in Germany has proposed mechanisms by which such changes occur by sharing ideas a new collaboration resulted that quickly won success at the Diamond Light Source. Linda, who is principal investigator said: "We are testing the hypothesis about the reaction mechanism by looking at the changes in distributions (short-range ordering) of atoms across the reaction front. Or, put more simply, examining neighbouring atoms of selected elements in

the structure." Linda and the team aim to understand and predict the behaviour of minerals in the environment for safety impact assessments, and this unfolding research will also contribute to how geochronological data are interpreted.

If you would like to know more about Linda's research contact her at:
l.s.campbell@salford.ac.uk



take drugs. This creates a climate of fear in the area. The team's solution was to prevent problem groups from congregating by removing the benches and replace them with individual seats spaced further apart.

North Manchester YIP focused on Harpurhey Park, the only local sports ground near to them. The park is empty, dark and unsafe. Unsurprisingly, it is underused by local people and instead is appropriated by individuals engaging in ASB. The team's design solution was to increase the use of the park by people of all ages by installing various sport facilities, creating footpaths through the park, and improving the lighting and seating.

The Cheetwood Centre concentrated on the Cheetwood playing fields that are next to their youth centre. Unfortunately, it has become a hotspot for drug dealing, due to lack of use and overgrown bushes providing cover for illegal activities. The team's design solution was to encourage use of the area by installing a supervised Multi-Use Games Area. Furthermore, removal of the bushes and improved lighting would improve visibility and increase the risk of detection for drug offenders.

OUT! dammed CRIME

In the November/December issue of RISE last year we told you about the research being undertaken by Andrew Wootton and Melissa Marselle from the Design Against Crime Solution Centre and the Design Against Crime Youth Action Challenge (DAC YAC) initiative. Working with the charities Catch-22 and Prudential for Youth, this initiative encouraged young people to generate design-led crime prevention ideas to tackle crime and anti-social behaviour (ASB) issues in their own neighbourhoods.

23 young people, aged 12 to 19, participated in this initiative. They were drawn from four youth groups in Salford and Manchester: Albion High School; Salford Youth Forum; North Manchester Youth Inclusion Project (YIP) and Cheetwood Centre. Using a design-led crime prevention methodology established by the University's Solution Centre, the teams embarked on their own design research projects to understand the crime and ASB problems in their local area and develop crime prevention solutions.

At a final showcase event in November 2009, the teams unveiled their design interventions. A Judging Panel made up of key individuals working in the area of crime and security in Salford and Manchester were charged with deciding the winning design.

The panel included: Glen Barkworth, General Manager, Manchester Arndale Centre; Councillor Jim Battle, Lead Councillor for Crime and Disorder Reduction Partnership, Manchester City Council; Maureen Noble, Head of Manchester Crime and Disorder Reduction Partnership (CDRP); Gerry Donnellan, Chief Superintendent for

Manchester, Greater Manchester Police; Don Brown, Head of Salford CDRP; Kevin Mulligan, Chief Superintendent for Salford, Greater Manchester Police and Andrew Wootton, Director, Design Against Solution Centre, University of Salford. Using Powerpoint, models, music, dance, and even superhero costumes! each team confidently and creatively presented their design solution ideas.

Albion High School focused on the Pendleton subway in Salford because of its close proximity to their school. The subway is currently an isolated area that plays host to ASB and serious crime. The team's design intervention to deter crime and ASB consisted of moves to encourage more people to use the subway through cleaning and painting the subway, improving lighting, introducing CCTV, and making better use of surrounding public space.

Salford Youth Forum focused on The Gateway, near the Salford Precinct. People walk through this area to get to the Precinct, but in doing so have to pass groups of people who congregate on benches to drink and



Winners: Albion High School

With so many great solutions the Judging Panel found it difficult to select a winner. However, after much deliberation, Albion High School was selected as the winning DAC YAC design solution. In addition, however, the judging panel pledged funding to implement all four teams' design solutions! The Design Against Crime Solution Centre and Catch22 are looking to build on the project's success and hope to launch a new and enlarged DAC YAC programme in 2010, involving young people from all local authorities in Greater Manchester.

If you would like to know more about this programme and the research behind it contact: Melissa Marselle at m.marselle@salford.ac.uk



Mood lighting experiment

Colouring the Learning Environment!

.....
What colour is your mood today? Blue, Red, Yellow? Which colour do you work best in? What makes you sleepy, responsive, happy or sad? Don't think it matters?

Dr. Ashley Weinberg, and Lecturer Anne Pearson from the Directorate of Psychology, Counselling and Psychotherapy at the University would disagree with you! Ashley and Anne have been conducting experimental investigations using the THINKlab specialist mood lighting to test the impact of different colours on learning environments.

The variable coloured lighting installed in the Think Pod has been sponsored by Philips Lighting in support of research activities relating to the impact of light on human

mood and performance. General guiding principles have been derived which suggest that some light wavelengths are linked to specific effects. For example red light is arousing and increases pulse rate, whereas green induces relatively greater calm. Additionally yellow is considered sun-like and likely to increase motor activity, whereas blue is restful and aids concentration. Ashley and Anne's experiment was conducted on a group of twenty one undergraduates in their first year of their BSc (Hons) Psychology. The students were given repeated lectures in both

yellow and blue colour environments to assess the impact of the colours on students' moods and academic performance. The participating group was split into two to counterbalance potential order effects. One half attended a one-hour lecture in a yellow colour environment and one week later a further one-hour lecture in a blue colour environment and vice-versa. Anne, who conducted all of the teaching sessions, said that "lecturing in the different colour conditions certainly produced some interesting results".

The results from these test are currently being compiled and written up however, previous tests identified that experiencing a lecture under yellow or blue light reduced feelings of tension and anger, while exposure to learning in a blue colour environment led to increased relaxation as well as significantly better academic scores. The University's high tech Think Pod is the ideal environment for conducting controlled studies of this type and helped the research team to investigate effects on learning which have the potential for real-world applications in relation to skills-based or practical learning situations or with student audiences where individual levels of concentration are of greater importance.

If you would like to know more about this research contact Ashley or Anne at:
a.weinberg@salford.ac.uk or
a.pearson1@salford.ac.uk

Sustainable Communities in Action

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Erik Bichard, Professor of Regeneration and Sustainable Development in the School of the Built Environment at the University, has been researching into the relationship of the University with its local community, and more essentially, its disaffected youth.

Through the Smart City Futures initiative, Kandu Arts for Sustainable Development worked with Erik to engage young people in the local community. Engaging a local youth organisation, Oliver's Youth Club, the University team worked with the youth club representative, Graham Cooper, to put together a programme that was designed to achieve two purposes. The context for the project was to explore the relationship between the University and its community.

The substance of the project was to expose local young people to different ways of expressing themselves using the ideas behind sustainable development, and arts-based media including film-making. The project has

produced a number of films (including documentaries and a drama), a residential week in Wiltshire, and a visit to the University's Think Lab and has created ties between the community and the University.

Since the project completion these positive links have continued and the most recent initiative involves innovative scholarship ideas that could in time open up new routes into the University that would benefit young people who may not have considered a university degree as a viable life choice.

If you would like to know more about Erik's research contact him at:
e.bichard@salford.ac.uk



Kandu Arts Project

Marie Curie Research Fellowships – Twice!

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A highly prestigious Fellowship (in fact two) have been awarded to Dr. Christian Kاونert and Dr. Sarah Leonard from the University. Christian and Sarah have each been awarded a Marie Curie Research Fellowship for two years, running from October 2010 to October 2012.



Marie Curie Research Fellowships are very competitive, only a fifth of applications are successful. These highly prestigious research awards are designed to undertake advanced training through research and to acquire complementary skills at a world-leading research organisation in Europe, each award is worth € 165,000.

Christian's Fellowship will be with the European University Institute in Florence, Italy. His research project will investigate the role of agencies (Europol, Eurojust and Frontex) in the European Union's (EU) Area of Freedom, Security and Justice (AFSJ) - an umbrella term for counter-terrorism, police and judicial cooperation, border management, and asylum and migration. Given the sustained interest of governments in the development of this most dynamic policy area in the EU. Christian expects to generate significant policy-relevant findings that will have an important impact on both academic (EU politics, security and terrorism studies, criminology and law) and governmental debates.

Sarah will be based at Sciences Po in Paris, France. Her research project will examine an important apparent contradiction at the heart of the EU asylum and migration policy: the simultaneous co-existence of two seemingly opposite trends – 'securitization' on the one hand and 'depoliticization' on the other. The research project aims to account for this apparent contradiction by developing an original multidisciplinary theoretical framework, which combines insights from security studies, public policy and European studies.

Both selected research projects are extremely relevant and timely for several reasons. First of all, EU agencies in the AFSJ are often argued to be at the forefront of the EU's response to new security threats, in particular international terrorism and irregular migration at the EU's borders. A majority of Union citizens, according to Eurobarometer (1997-2008) periodic surveys, increasingly feel that EU-level actions have an added value compared to those taken solely at a national level and 67% of citizens support EU-level

actions in the fight against organised crime, irregular migration and terrorism. Only 18% consider that EU-level actions have had no extra benefit. Consequently, it is crucial and very timely to examine the role of EU agencies in the AFSJ, and thus in the fight against these security threats.

Christian and Sarah are very much looking forward to their respective projects and said 'We have been working for many years on different aspects of the EU's Area of Freedom, Security and Justice, and it is a great honour to be awarded with such an important and prestigious award by the European Commission. The EU institution has taken notice of this growing expertise at the University of Salford and has awarded our drive for excellence as an enterprising university'.

If you would like to know more about Christian or Sarah's research contact them at:
c.kاونert@salford.ac.uk or
s.leonard@salford.ac.uk

The times they are a changing...



.....
Exploring the experiences of Higher Education Leaders who operate in those universities that can be characterised as ‘urban and edgy organisations’. That’s the research remit for a current Leadership Foundation for Higher Education (LFHE) grant awarded to Dr. Maria Burke, in the Salford Business School.

This new initiative, building on a pilot study completed recently by Maria, which was concerned with defining urban and edgy organisations, will in particular explore the experiences of higher education leaders who operate in those universities that can be characterised as “urban and edgy organisations”. In times of constant shifting change, organisations can become “tired”, tired in the sense of feeling that nothing is really new, that the organisation has changed so much that it is difficult to focus and that the messages embedded in the visions are so deeply buried they are difficult to communicate clearly. These organisations are usually operating in an environment

which is unstable, turbulent, and difficult to forecast, and this is evidenced by the research carried out for the pilot study

However, organisations that identify with this analysis often try to solve difficulties by creating an image, a culture, a type of organisation which is seen as “smart and corporate”, i.e. a textbook image of success. Whilst this can be successful, there must also be consideration of an alternative that of organisations characterised by diversity and controlled chaos. This type of organisation can be labelled as urban and edgy because it thrives on change and needs to work towards unifying the culture, the outlook and the overarching vision.

This new type of organisation succeeds through acceptance, tolerance, respect, and by the creation of a strong sense of belonging. Success in this type of organisation can depend on many variables, but rests on two critical axis - the way in which knowledge is managed (shared and open), and the particular type of leadership prevalent in that

organisation (empowerment and encouragement)

This new LFHE funded project will bring benefits to not only the project partners but to the wider HE community by: designing the project objectives to benefit the HE community as a whole by providing a model of best practice for those leaders who operate in difficult organisational contexts; research will aim to produce findings and resources which are transferable across a wide range of university and college contexts, but that will take account of institutional differences; will deliver, via the project, a sophisticated model of leadership which will have the potential to form a new area of leadership education for the higher education community and finally open up the potential to extend to and include an international and comparative dimension.

If you would like to know more about Maria’s research contact her at: m.e.burke@salford.ac.uk

New approach to Osteoarthritis

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Richard Jones, Senior Lecturer in clinical biomechanics from the School of Health, Sport and Rehabilitation Sciences at the University along with colleagues at the University of Manchester has recently embarked on a £1.8 million joint initiative on an Arthritis Research UK multi-disciplinary five year programme. The work programme is being led by world expert in osteoarthritis Professor David Felson, Professor of Medicine and Public Health at Boston University.

More than 300 people with painful osteoarthritis of the knee from the Salford and Manchester areas are to take part in a series of new clinical trials aimed at improving their pain and disability. Osteoarthritis, which affects around six million people in the UK, causes progressive breakdown of articular cartilage and bone, leading to joint failure. Osteoarthritis is the most common form of joint disease, it is estimated that 20 per cent of people in the UK, Europe and the US will suffer from the debilitating, painful condition by 2030. But despite its high prevalence, treatment options are limited to painkillers and ultimately joint replacement surgery.



treatment approaches to change the patients’ gait and posture and may be more effective and attractive to GPs than analgesia, exercise and weight loss”.

One arm of the research programme is based within the Gait Laboratory at Salford University whereby the effects of different shoe-based and insole-based treatments are being evaluated on clinical, radiological and biomechanical outcomes. Richard, principal investigator on this project said “this is the first study to investigate multiple novel

Professor Alan Silman, Medical Director of the Arthritis Research UK said: “This research can change fundamentally how we consider osteoarthritis. For generations both doctors and the general public have considered the disease as being a consequence of age-related wearing away of the cartilage that lines the joints.

Millions of pounds have been spent to little avail thus far trying to reverse this process in the cartilage. This research takes an exciting new approach, backed by considerable evidence, that the cartilage damage is secondary to the mechanical stresses we place on our joints and that by altering these we can prevent and, or reduce the damage to cartilage.”

If you would like to know more about this research project contact Richard at: r.k.jones@salford.ac.uk

Keep it in the can

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Ever been told as a child to ‘go outside and play’ or ‘get outside in the fresh air’? Good healthy options if you can. But what if where you live this isn’t an option?

Eleven young people from St. Ambrose Barlow RC High School worked as co-researchers with four University of Salford Academics on a Vice Chancellor’s Iconic Research Project called ‘Keep it in the can’! The research group looked at innovative explorations of the ways in which the places and spaces available to young people affect their leisure choices. A total of 20 young people acted as co-researchers in the project, documenting their leisure lives using photography and creating participatory maps. The young co-researchers also took part in the analysis, dissemination and launch of the project.

University of Salford research team Dr Carolyn Downs, Salford Business School, Dr Nancy-Jane Lee and Catherine Savin, School of Nursing, and Melissa Marselle, Design Against Crime Solution Centre, School of Art & Design, worked with the young researchers, in the University’s

prestigious ThinkLab, to plan the project launch which took place on the 9th March in the Old Fire Station. At the launch, the project team shared their plans with local stakeholders and academics from across the University.

Further workshops were held with the co-researchers in the run up to Easter with data collection happening during the Easter holidays. Carolyn and the team were so impressed with the commitment and enthusiasm of the young research team that the ‘Keep It in the Can’ project looks set to be the springboard for a much larger action research bid later in the year.

If you would like to know more about this Iconic research contact Carolyn at: c.downs@salford.ac.uk



UNITED NATIONS

Campaign

In the last issue of RISE we highlighted the work being undertaken by Professor Dilanthi Amaratunga and Dr. Richard Haigh in the field of Disaster Management (DM) and the research and teaching being undertaken at the University in this field along with a new international Journal to create worldwide beneficial Disaster Management knowledge.

A further pinnacle has been scaled by the Centre for Disaster Resilience at the University as it becomes an academic partner of the United Nations World Disaster Reduction Campaign on building resilient cities.

The research centre's DM activities have been recognised and applauded and have led to the centre being identified as one of the five academic partners of the United Nations International Strategy for Disaster Risk Reduction (UNISDR) 2010 – 2011 Campaign. The Centre's specific involvement towards the implementation of UNISDR's campaign will be, to contribute as a main global partner in the campaign, representing academic, technical and expert institutions and contributions from the Centre will work towards the overall goal such as empowering local governments with stronger national policies to invest in risk reduction at local level, as part of urban and regional development plans by working closely with them.

Dilanthi, Richard and Staff at the Centre, which sits in the School of the Built Environment at the University, are already undertaking work to contribute towards the main body of the UNISDR campaign they are currently: connecting and building partnerships between local and national authorities working with local actors, civil society groups, academia and expert organizations; informing the communities and raising awareness on urban disaster risks, such as addressing perceived risks when developing and planning, so that schools and hospitals are safer during a disaster situation and ensuring that local government services are aware of urban and disaster risks; by increasing the

knowledge and capacity development opportunities for local governments and local actors and contributing towards the campaign in terms of organising a virtual consultative group globally to guide the campaign and convening platforms or task forces for collaboration in the regions under the UNISDR campaign.

The Centre for Disaster Resilience is already working with 'Batticaloa District' in Eastern Sri Lanka, in respect of a nomination for 'Resilient City Participant' status. The District was severely affected due to the 2004 Tsunami and by the country's 30 year long civil war. Salford University will be working very closely with the Batticaloa District's local government and a range of national and international partners towards improvement of city resilience in the following ways: by making disaster risk reduction a priority; ensuring that local districts such as Batticaloa know the risks and take action against them; by creating and building an understanding and awareness of environments in order to, overall, reduce risks.

UNISDR, along with the involvement of the Central and Local Government, Mayor of the City and other government bodies in Eastern Sri Lanka, The Centre for Disaster Resilience will hold a high impact workshop in the Summer of 2010.

If you would like to know more about this research or about the 'Resilience Cities' Campaign, contact Richard at: r.p.haigh@salford.ac.uk

Politics... am I Bovered!



Professor Jim Newell, Researcher within the School of English, Sociology Politics and Contemporary History, recently made an appearance on the BBC Politics show talking about the younger generation and their lack of enthusiasm for the looming general election and using their vote. Why are the young so apparently disaffected with politics?

Various opinions abound, but as Jim explained "when people grow older their political views become firmer and less subject to change; and people with firmer political beliefs are more likely to participate. This is called a 'life-cycle' effect: a change that takes place in all of us as we grow older and move through the life cycle. Another life cycle effect could have to do with the fact that as people grow older they take on more commitments (financial and family) and so they may feel that they have more of a stake in any given political outcome. It could be that the age differences in turnout are in part due to 'cohort' or 'generational' effects: lasting differences between people born

at different historical periods. If so, young people vote less than older people not because of their youth per se, rather, they do so because of the specific political and social circumstances to which they have been exposed, during their formative years, as compared to the circumstances to which their elders were exposed during their formative years. For example, today's young have a much weaker position in the labour market and the welfare state than did the predecessor generation at the same age. So, younger people may have a lower sense of responsibility towards the state. Today's young, much more than their predecessor generation, seem to have values of an individ-

ualistic kind – seeing the provision of housing, pensions and jobs as their own responsibility. They may therefore have a weaker sense of obligation to engage in formal politics". So with the last election turnout among 18-24 years olds being just 37% does this mean that our younger generation are not engaged, are apathetic when it comes to alternative forms of politics? Apparently not, Jim's research has shown that younger people are actually more likely than their elders to participate in consumer politics and demonstrations and this may be explained by what appear to be the distinctive values of the

young generation. Today's young, it seems, are more likely than preceding generations did at their age, to have interests in politics that fall outside mainstream policy debates. Correspondingly, the political parties struggle to say things that have meaning for young people. The danger is that this results in a vicious circle: the more the parties struggle to speak to the young, the less they vote; the less they vote, the more parties are tempted to ignore them – with a weakening of political equality at best and a threat to political stability at worst.

If you would like to know more about Jim's research contact him at: j.i.newell@salford.ac.uk

Excellence Awarded – Again!

University of Salford Academic, Dr. Haifa Takruri-Rizk MBE, School of Computing, Science and Engineering, has had her research work awarded, again! Having received an MBE, last year, for her work inspiring women and Black and Minority Ethnic (BME) people to take careers in science, engineering and technology, Haifa has recently been awarded the Fazlur Rahman Khan Award for Excellence in Engineering, Science and Technology, from the 'Best of Muslim Contribution to British Society Awards'.



At a prestigious award ceremony, held in London at Grosvenor House, an audience consisting of civic and religious leaders, representatives from the worlds of politics, business, sport and the arts, over 800 people in all and with Home Secretary, Alan Johnson as Guest of Honour,

Haifa was nominated and shortlisted for the Fazlur Rahman Khan Award for Excellence in Engineering, Science and Technology. Representatives from all parties also attended the event. Haifa's award was presented to her by the Right Honourable Chris Grayling MP, Shadow Home Secretary and her award was sponsored by the Ministry of Defence. Haifa has spent 18 years at the University researching and promoting science, engineering and technology to females and BME people, areas traditionally underrepresented. Haifa's research investigated the causes for the under-representation of

females in Science, Engineering and Technology (SET) studies and careers using a variety of data collection methods. Her research acquired extensive information about working practices and organisational cultures and the way in which these influence the recruitment, retention and the progression of professional women in SET. The research findings indicate that the true cause of the under-representation of women in engineering is multifaceted. Gender stereotyping, gender identity, qualifications and training arrangements are but a few of the contributing elements.

Additionally, the research draws attention to a plethora of existing good practice and recommends the need for positive action policies to include, but not limit to: endorsement of a diverse workforce by achieving a better gender balance; the proactive development of women engineers into leadership roles; the introduction of inventive work-life balance policies; and the creation of professional women's networks.

If you would like to know more about Haifa's research contact her at: h.takruri-rizk@salford.ac.uk



Pro Vice Chancellor Honoured

Here at the University of Salford we have a new Vice President elect within our walls, Vice President of the Chartered Institute of Building (CIOB) that is!

Professor Ghassan Aouad, Pro Vice Chancellor Research & Innovation has recently been elected to become the CIOB's new Vice President as from June this year and will assume the role of President of the CIOB in June 2013. This is a high honour indeed not just for Ghassan but also for the University. With over 42,000 members the CIOB is the international voice of the building professional, representing an unequalled body of knowledge concerning the management of the total building process. CIOB members are skilled managers and professionals with a common commitment to achieving and maintaining the highest possible standards. Chartered Member status, recognised by designations MCIOB and FCIOB, is recognised internationally as the mark of a true professional in the construction industry.

Chris Blythe CIOB Chief Executive said: "Innovation and research in the construction industry has never been so important. Especially, when the demands of economy and climate change are stimulating the industry to adapt and create even greater efficiencies. The CIOB provides a bridge between academia and industry. Many of the industry's leading thinkers have held the

office of President and Ghassan continues the tradition".

The CIOB plays a leading role in the development and continual improvement of education standards in the built environment at a national and international level, with the achievement of professionalism at all levels within the construction industry at the core of the CIOB. Ghassan said of his appointment: "I am honoured to be appointed to the Presidency and I'm looking forward to working with the Chief Executive, Board of Trustees and the entire membership in order to take CIOB to new grounds which will result in benefits to our industry, academic communities and society at large.

University of Salford Vice-Chancellor, Professor Martin Hall said: "Ghassan will be an invaluable addition to the CIOB - under his leadership the University of Salford's strength in research is moving ahead rapidly, and he'll be able to contribute his expertise and experience to built environment research internationally."

If you would like to know more about the CIOB visit their site at: <http://www.ciob.org.uk/home>

At the Hub of Innovation and Creativity

The Salford Innovation and Creation Hub, one of the University's Iconic City of Salford Awards, moved a step further into its research project recently with the launch of the Hub in a previously disused retail unit.

The shop in the heart of Salford was closed down as a result of the recession, but the University has revamped it as a lively gallery and innovation area. It will bring a series of interactive exhibitions and workshops to the local community and aims to support Salford's regeneration.

The University's partners in the project include the Soup Collective, Lets Go Global, BBC 21CC, Central Salford URC and Salford Council's Arts Development Service.

The launch event Salford Narratives showcased projects using Quick Response (QR) codes – two-dimensional barcodes that can be photographed by mobile phones with QR readers. The QR reader decodes the barcode and reveals pictures and information to the viewer. Another popular project was 'iprotect' – a live link to virtual world Second Life (www.seconlife.com) where a protest apron inspired by suffragette Emmeline Pankhurst (who was married in Eccles) could be downloaded. There will be more satellite events held across Salford and online in Second Life.

Project leader Charlotte Gould of the School of Art and Design at the University said: "The Hub will bring the arts and the local community closer together and could uplift the area during this period of recession. Hopefully the results will be seen for a long time to come." The Hub, supported by Bruntwood and the Arts Council England, is one of the ways in which the University aims to increase its social and economic contribution to the area.

If you would like to know more about the Hub or the research behind the project contact Charlotte at: c.e.gould@salford.ac.uk

Rats, Mice, Management Science and Statistics, Writing, Research and Commercialisation, plus Innovative Research and Development of Software Packages!

It's been a busy research time recently for Professor Philip Scarf, Dr. Aris Syntetos and Dr. Gai Murphy members of the Faculty of Business, Law and the Built Environment (BLBE) and the Faculty of Science, Engineering and Environment (SEE).

Philip and Aris are two of the three Editors in Chief for the IMA journal of Management Mathematics, (IMA JMM) published on behalf of the Institute of Mathematics and its Applications by Oxford University Press. The Journal is relatively new but has become very influential in the field of Management Science and Operational Research and has just been rated as a 2star in the Association of Business Schools, UK 2010 Journals Ranking, a high achievement but one that Phillip and Aris are hoping to improve on! They aim to raise the Journal's position to a 3star level and position it in the top tier publications in the field. Gai, who is the Associate Dean Teaching in SEE and Aris, Reader in Operational Research and Operations in BLBE, have recently had a Knowledge Transfer Partnership agreed (KTP) for a project funded by the Technology Strategy Board.

This interdisciplinary project will look at the development of the research capacity of the UK pest management industry, running for two years in collaboration with Killgerm Group Ltd. UK and funded to the amount of £120K, the research team on this project will collaborate with its industry partners to achieve maximum results. Aris is also due to complete on an interesting project that was funded by 'follow on funds' from EPSRC. This grant was awarded to enable the commercialisation of the most promising research ideas across the nation. Aris' project looks at the development of a software package that deals with inventory management related aspects for spare parts.

The software is developed by a Microsoft partner, Shellnutt Financial Services (SFS) which is located in Halifax, Canada.

If you would like to know about any of the research initiatives above contact Aris at: a.syntetos@salford.ac.uk



Lady Hale Annual Lecture Series

The Lady Hale Annual Lecture Series was recently honoured by special guest Sir Christopher Greenwood CMG QC, the British Judge at the International Court of Justice in the Hague.

Sir Christopher is a member of the International Court of Justice and Professor of International Law at the London School of Economics. He has appeared in many prominent cases in Europe's highest Courts, cases such as the Lockerbie bombing, Pinochet, Kosovo and Rwanda, but he is arguably best known for providing, in November 2002, the legal opinion for the invasion of Iraq.

Sir Christopher attended the University to present the 3rd Annual Lady Hale Lecture at Salford Law School. In just forty minutes, he managed to cover the history of the court, the varied backgrounds of his fellow judges, the nature of the cases coming before it and their growing number as more countries are prepared to have disputes adjudicated by it. He posed an interesting question that he thought all judges should occasionally ask themselves: is what they are doing useful? In the case of the International Court, he thought there was at least one area where its decisions had undoubtedly helped to avoid potential disputes escalating, and that was in determining how claims over the seabed and the minerals below it should be settled. Questions after the talk covered a wide range of topics from the legality of the Iraq war to the potential for different courts with international jurisdiction to disagree about their approaches to international law. Sir Christopher continued to deal with individual questions from staff and students (including visiting school pupils) informally over drinks afterwards.

If you would like to know more about Sir Christopher's visit or the research ongoing in the Law School contact Professor Alistair Alcock at: a.alcock@salford.ac.uk

Going Global – British Council Conference

University of Salford Professor and Head of Salford Business School, John Wilson, recently attended and chaired a session at the British Council's fourth Going Global International Conference in London.

Over 1,200 delegates from 75 countries attended the event which was opened by Rt. Hon David Lammy MP, Minister of State for Higher Education and Intellectual Property, Department for Business Innovation and Skills, UK. John chaired a stream session on 'Institutional Partnerships' which was attended by nearly 300 delegates and gave a poster presentation with Xiang Li, Project Manager at the University for the Prime Minister's Initiative 2 (PMI2) projects, and Mr Yiannis Polychronakis, Senior Lecturer, Salford Business School, on the University's two PMI2 projects. The attendance at this conference, and the invitation to John to chair a session, highlighted the University's reputation as an outward looking University with internationalisation as one of our key goals.

The University is also committed to supporting the work of the British Council and will take this commitment further in September this year by hosting a PMI2 national workshop focusing on how to improve students' global employability and entrepreneurship.

If you would like to know more about the PMI2 workshop contact: x.li1@salford.ac.uk

World Health Organisation outreach training – Hinari

The University of Salford in collaboration with the WHO's HINARI outreach training team held a unique teaching session on the United Nations led programme HINARI – Access to Research as part of the MSc in Public Health and Society.

HINARI provides free or very low cost online access to the major journals in biomedical and related social sciences to local, not-for-profit institutions in developing countries. With prestigious publishers such as Blackwell, Elsevier Science, Springer Verlag and John Wiley involved HINARI has gone from strength to strength since its launch with more than 150 publishers offering more than 6,200 journals for access.

The MSc in Public Health and Society programme attracts postgraduate students from overseas countries where access to the latest research and evidence-based practice can be difficult. This was the first time in the UK that such training was provided for students and this pioneering new approach being piloted at University of Salford is led by Roz Howard, who is an ILS Library Liaison Manager working in partnership with Steve Glover, a Medical Librarian at The Christie NHS Foundation Trust and Dr. Lindsey Dugdill, Director of the Centre for Social Justice Research at the University, who also teaches on the Public Health and Society Masters programme. Usually training sessions would be delivered to those countries eligible for access but this training workshop was for the first time, delivered in the UK. The training session gave the MSc students an overview of the information content currently available to health workers in developing countries and how to make the most of these resources through effective discovery, and it was very well received by the students! "It was wonderful! and I am feeling that it would be quite helpful for my essay writing and dissertation" said one, whilst another commented that "POPLINE is a fantastic open access resource!" Roz felt that this was: "a fantastic opportunity for our students to be able to access resources when they return to their homes and to build on skills learnt on the degree programme here. UK students on the Public Health programme with the ILS Health & Social Care Liaison team will also have the opportunity to be shown how to access resources that are freely available to them". Steve said: "This workshop is the first training session for students from eligible countries studying health courses at UK higher education institutes, and WHO is watching this development with interest". Lindsey, module leader said "I am very pleased to be supporting this important initiative. This training endorses the concept of evidence-informed practice which is the approach we embed within the degree programme. In order to be effective practitioners, students need to be able to access the most recent evidence from the research literature wherever they are working. It is about ensuring fair and equitable access to this information globally so that health improvements can be maximised".

If you would like further information on HINARI contact Roz at: R.M.C.Howard@salford.ac.uk

Living and engaging in the Real World!

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Real World Research delivering Real World Solutions, that's the ethos of the University as a whole and never more so than in the Faculty of Business, Law & the Built Environment (BLBE) here at the University.



Left to right: Stuart Wells, Eric Stokes, Margaret Taylor, Bob Owen, Chris Procter

Enterprising and Engaging are the two words to best describe the successful track record of the Faculty. Led by Dean of Faculty Professor Khairy Kobbacy and Associate Dean Enterprise Julie Adshead, the Faculty has achieved a successful track record in delivering real-world solutions to both business and community partners via expert consultancy, training and development, knowledge transfer partnerships,

funded projects, commercial research and staff and student placements. Khairy said "As a faculty, we pride ourselves on our ability to effectively engage, and believe that this enhances teaching, research and the student experience".

There is a desire to build on this success, indeed in the last year engagement with business and the community has gone from

strength to strength with new initiatives as well as on-going partnerships with Capita Symonds, Birse and BUPA to mention but a few, working together to create beneficial partnerships and initiatives. The Faculty is also one of a small number of accredited providers of the Institute of Directors courses, and is home to a number of specialist centres for construction including The Centre for Construction Innovation which hosts best practice seminars and offers research, grant-funded projects and consultancy in many areas of the construction sector and whose clients include government departments, regional development agencies, local authorities, developers, contractors, supply chains and SMEs. To reflect this growing excellence in engagement the Faculty recently held both an Enterprise Competition to identify innovative collaborative partnership activities, and held open nominations for staff awards for excellence in business and community engagement. The Faculty Enterprise Competition provided an opportunity for staff to secure up to £20k of funding to support development of new business ideas, with the five finalists

subject to a 'Dragon's Den' type experience with a panel of experts including external business expert Mark Currie, Executive Director of Mantra Learning grilling them on their idea! All five finalists will receive support from the Faculty both in financial terms and in terms of support from Faculty Business Development Manager Jane Timlin, and Faculty Project Co-ordinator Anish Kurien. Additionally the Business and Community Engagement Staff Awards have enabled the Faculty and the Dean to thank staff who are outstanding in their commitment to engagement. Some of the winners of the staff awards are pictured opposite.

BLBE's goal is to build a Faculty which is innovative and creates new ideas and is responsive in terms of its ability to collaborate effectively with external partners, thereby paving the way to deliver a more rounded student experience and more real-world focused teaching and research.

If you would like to know more about BLBE's innovative approaches to business and community engagement contact Jane Timlin at:

j.timlin@salford.ac.uk

Royal Institution of Chartered Surveyors Partnership

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The University's Centre for Disaster Resilience in the School of the Built Environment has entered into a partnership with the Royal Institution of Chartered Surveyors (RICS) to lead the Disaster Management (DM) stream of activities at RICS's COBRA international annual research conferences. The 2010 event will be held at Dauphine Université Paris, France, in September 2010. Salford will be closely working with the RICS's President's Commission on DM in this activity.

The Construction Industry's contributions will be presented for this themed session on Disaster Management, with the aim of stimulating ideas arising from research by exploring a range of perspectives from which the construction industry is able to contribute towards improved resilience to disasters and by facilitating the dissemination of the

existing knowledgebase. With the increased number of natural and manmade disasters taking place, there is a great need to address these issues by the academic community and the Centre for Disaster Resilience is working hard with its industry partners on just these issues. Post graduate researchers in this area are also encouraged to contribute bringing together the International Postgraduate community in the field to present and discuss their research. Accordingly, a stream of activities dedicated for postgraduate researchers in Disaster Management will be held and there will be a dedicated stream of developmental papers for Postgraduate researchers.

You can find out more about this event at:
www.disaster-resilience.salford.ac.uk/

New Appointments



Professor John Davies has been appointed as a Professor of Quality Management and Business Development in Salford Business School. He is currently Director of Knowledge Transfer for the school with responsibility for Knowledge Transfer Partnerships (KTPs), Consultancy and European and Regional Funded Projects. He joined the University in 1992 as a Lecturer in Quality Management after working in management roles in the chemical processing industries for 13 years. His areas of research are the implementation of Quality Systems, Service Quality and Enterprise and Entrepreneurial Development. He is a member of the Editorial Boards for The TQM Journal and Quality Assurance in Education. John has extensive experience in working with organisations through funded projects (particularly KTPs) in business process development and quality improvement and has a successful record of PhD completions under his supervision. He teaches on the BSc (Hons) Business & Management Studies programme, the MBA and the MSc Financial Services Management. In addition, he is a regular contributor to the University's Enterprise Academy programme. John is a Fellow of the Chartered Quality Institute (CQI), a Chartered Quality Professional, former Chief Examiner for the CQI and is Chair of the CQI's Advisory Council. He is a Fellow of the Higher Education Academy (FHEA) and a Director and Trustee of the Institute for Small Business and Entrepreneurship (ISBE). **j.davies@salford.ac.uk**



Professor Chris Birkbeck has been appointed as a Professor of Criminology in the School of English, Sociology, Politics and Contemporary History. Chris joined the University in January 2006, first as a Senior Lecturer and then as Reader in Criminology. Prior to this, he was based for 26 years at the Universidad de Los Andes, Venezuela, during which time he also spent more than five years with the University of New Mexico (USA). In the Spring Semester, 2009, Chris was the Bacardi Visiting Fellow in Latin American Studies at the University of Florida, and he was recently named as a member of the University of Trinidad and Tobago's "Consortium for Research and Policy" (Criminology and Public Safety). Chris' research has focused on a wide range of criminological topics – situational theories of crime, juvenile delinquency, crime prevention, police, prisons, probation and parole, comparative criminology – in Venezuela and Latin America. Several of

these projects involved international networks of researchers. Chris publishes in Spanish as well as English and is a member of editorial boards for criminology journals in both languages. He is currently researching mass-mediated morality and the matter of crime across the Americas. **c.h.birkbeck@salford.ac.uk**



Professor Richard Baker has been appointed as the new Chair in Clinical Gait Analysis within the School of Health, Exercise and Rehabilitation Sciences at the University. Richard trained as a biomechanical engineer and has since had over 15 years experience in delivering clinical gait analysis services. He was manager of the Clinical Gait Analysis Service at the Musgrave Park Hospital in Belfast before being appointed to a similar position at the Royal Children's Hospital in Melbourne. Whilst in Melbourne he was also Director of the Centre of Clinical Research Excellence in Clinical Gait Analysis and Gait Rehabilitation. This was a collaborative initiative drawing together expertise from 6 academic and healthcare organizations in Melbourne which was funded by the Australian National Health and Medical Research Council. Richard's research has focused on both the technical processes of capturing, analyzing and interpreting gait analysis data and also on what this can tell us about the factors limiting walking ability in children with cerebral palsy and how different interventions can affect this. Despite considerable international work over the last 50 years there is still no convincing general overview of why we walk the way we do and Richard hopes to work towards establishing this in his new role. He is also hoping to work with the University's existing clinical gait analysis service and commercial partners to develop a new generation of service which can be a model for future clinical use. **r.j.baker@salford.ac.uk**



Professor Philip James has been appointed Professor of Ecology in the School of Environment & Life Sciences. He is currently Head of the Research Centre for Urban Change and serves on a number of University and School committees. He is a Chartered Fellow of the Society of Biology, a Fellow of the Institute of Ecology and Environmental Management, a Fellow of the Higher Education Academy and a member of the British Ecological Society. On graduating with a Degree in Applied Biology he worked as an agronomist for five years during which time he undertook research for his doctorate. Philip joined the University of Salford

in 1994 and was promoted to Senior Lecturer in 2000 and to Reader in Ecology in 2007. In 2005, along with David Gledhill, one of his PGRs, he established Urban Nature (www.els.salford.ac.uk/urbannature) which has now grown to be an international, multidisciplinary community of interest focussing on urban and urban influenced environments. Philip's research is interdisciplinary in approach and he is currently working with ecologists, conservation biologists, geographers, environmental artists, photographers and public health professionals in a portfolio of international and national research projects. His work is focussed on addressing the challenges posed by population growth, climate change and technological change and in particular how these challenges may be addressed to provide those living and working in urban areas with healthy environments, future food security, and ecologically functioning green infrastructure. **P.James@salford.ac.uk**



Professor Ghasem Ghavami-Nasr has been appointed as Professor in Mechanical Engineering and Innovation in the School of Computing, Science and Engineering (CSE). He is Head of the Engineering Research Centre (ERC) and Director of Spray Research Group (SRG). Ghasem has over 22 years academic and industrial experience which encompasses research, innovation, development, commercial and enterprise, curriculum development, management and resources. He is an expert in 'industrial' atomiser design, atomisation processes, spray characterisation and their formation, utilising advanced laser instrumentations, imaging techniques, process development, CFD modeling and NPD (New Product Development) with ergonomics and cognitive issues. Supporting businesses and commerce worldwide utilising these skills protracted over two decades, Ghasem's work has application in nanotechnology, steel manufacturing, pharmaceutical, food, agriculture, aerospace, propulsion, humidification, automotive, decontamination, aerosol, medical etc. Ghasem is also the Director of the School's Gas Engineering and Management and Petroleum and Gas Engineering Master programmes which attracts students from various petrochemical companies. **g.g.nasr@salford.ac.uk**

Postgraduate research news

The six year old and the toothbrush



University of Salford PhD student Anna Cooper is asking the question every parent constantly asks, 'have you cleaned your teeth?'

Why is she doing this? Well Anna is based in the Faculty of Health and Social Care as part of the World Health Organisation (WHO) Collaborating Centre and is conducting research into school based oral health programmes in primary schools and how they translate into behavioural changes into the home. Anna's research (under the supervision of Dr. Lindsey Dugdill, Director of the Centre for Social Justice Research and Professor Cynthia Pine, Dean of the Faculty of Health) is being carried out in tandem with other related PhDs within the centre.

Dental decay is one of the most common diseases worldwide, affecting developed and developing countries all over the world. It is also one of the most preventable diseases through simple behavioural change (brushing teeth morning and night with a fluoride toothpaste and not eating sugar snacks frequently). Although dental health in the UK has improved overall in the past 20 years, regional variations remain with dental decay for 5 year olds in the North West still well above the national average, in fact the worst in England.

Dental disease is measured by the number of decayed, missing (extracted) and filled teeth, known as dmft. The dmft survey of 5 year old children in Salford which took place in 2005/6 showed that 53% of children have, on average, more than 2 decayed, missing or

filled teeth. Past research has taught us that establishing tooth brushing routines early on in a child's life, has higher long lasting benefit. Current dental health interventions are struggling on the whole to ensure behavioural change is sustained long-term. The enhanced Healthy Schools Model introduced in 2009 provides an opportunity for schools and local NHS authorities to work together to develop strategies around the local priorities and school issues. Obesity, for example is a key target in Salford schools, and included within this strategy is a dental health component. Traditionally in school dental health programmes and interventions, children have not had a voice to express their views on topics such as tooth-brushing or been given the opportunity to share, with others, their habits and knowledge.

As part of the initial research study school children from a handful of primary schools in have been given a chance to talk about their views around dental health, hygiene and nutrition. These sessions provided a wealth of dental health information from the perspectives of the children, this ranged from figures in history with bad teeth to songs about losing your teeth and from dentists replacing 'bad teeth' with gold teeth to tooth brushes tickling!

Children actually have a vast amount of dental health knowledge and know they

should brush their teeth but would rather compromise this routine for preferable activities including spending extra time in bed! Even at the age of 6, children provided with a space and some cues are able to express views on topics and express a level of understanding that can be abstract in some instances but also simple in others. Parental involvement both in talking to them about the importance of cleaning their teeth, helping and encouraging them to do so is not consistent and indeed is for many children completely absent. Listening to and understanding children will provide a firm foundation for improving and evaluating the success of the school oral health programme, the unfolding research also demonstrates the value of parental engagement in helping children develop good oral health.

The research will go on to test the effectiveness of a school oral health programme and to understand if it has the capacity to translate into behavioural change at home for families in Salford. Teachers and parents will also be an essential part of the school oral health programme. It is hoped that this evaluation will aid future decision making and policies and the implementation of school oral health programmes.

If you would like to know more about this research contact Anna at:
a.m.cooper@pgr.salford.ac.uk

Postgraduate research news

Engaging Research

One of the University of Salford's enduring strengths is its continual commitment to 'Real World' research and the engagement of its researchers with industry collaborators, public services and community partners. Research staff across the disciplines are continually facing and engaging with the challenges of the world in which we live and make significant contributions to the knowledge and understanding required to solve problems and enhance our quality of life.

This ethos is not just confined to our Research and Academic staff. Our postgraduate students too are involved in research activities and projects that engage directly with 'real life' problems and challenges. These students are making important contributions to the way the university engages with its wider constituency of collaborators and partners.

In this issue, examples of this 'Real World' student research include: Chrisna du Plessis whose PhD concentrated on the area of urban development, particularly in the developing world. Chrisna connected her PhD research with her professional work, as architect and research leader at the Council for Scientific and Industrial Research in South Africa; Liam Brown, an MSc student in Project Management in Salford Business School, will work in a Project Management Role at Airbus in Bristol as part of his programme of study instead of the traditional research based dissertation; Dorothy Gates is conducting PhD work on the relationship between music and war, with possible implications for the ongoing development of music therapy, and has worked with the New York Staff Band of the Salvation Army; Anna Cooper's PhD research examines school based oral health programmes in primary schools and the changes in behaviour towards oral health in the home, this research is based in the World Health Organisation (WHO) Collaborating Centre at the University; while Tom Sykes is already publishing book chapters based on his research.

These are just a few examples of the many research projects across the university in which students are demonstrating their expertise. The importance and relevance of their research is highlighted in the way external bodies, partners and publishers recognise this work and consequently engage with it. As a university, we are very keen to encourage the many varying ways in which research students can engage their work with the broader community and the ongoing successful examples of this engagement and the creation of these relationships is an indication of the quality of our research students and their work.

Professor Erik Knudsen
Director of Graduate Studies

Addendum: As of 1st May 2010 Professor Les Ruddock, School of the Built Environment, will act as Interim Director of Graduate Studies

The Directorate of Graduate Studies (DGS) was established to provide a champion for graduate studies across the University. The office, in Faraday House, looks after all aspects of central Postgraduate provision, including Postgraduate Skills Training, e-learning and careers, and has responsibility for quality assurance and enhancement of Postgraduate programmes, as well as representing the University externally, in particular on graduate organisations such as vitae and the UK Council for Graduate Education (UKCGE).

Members of the Team



The current Director, **Professor Erik Knudsen**, took up the post in 2009. He is also a Professor of film practice in the school of Music Media and Performance.
Email: e.knudsen@salford.ac.uk
Tel: 0161 295 7072



Linda Kelly is the Graduate Studies Office administrator, and responsible for running the office as the DGS PA, as well as organising the SPoRT programme.
Email: l.m.kelly@salford.ac.uk
Tel: 0161 295 3841



Cristina Costa is the Learning Technologies Development Officer, and looks after all e-learning resources on postgraduate research programmes.
Email: c.mendesdacosta@salford.ac.uk
Tel: 0161 295 6751



Fiona Christie is the Careers adviser with responsibility for postgraduate researchers, and is based in Careers within the Student Life division. Her PhD careers blog can be found here.
Email: f.christie@salford.ac.uk tel:
Tel: 0161 295 5668



Jaye Mclsaac is the Educational Developer responsible for teaching and learning development for Graduate Teaching Assistants and other Postgraduate Teachers and is based within the Research and Graduate College.
Email: j.l.mclsaac@salford.ac.uk
Tel: 0161 295 3747



Dr Victoria Sheppard is the Research Skills Coordinator. She oversees the provision of skills training, the SPARC postgraduate conference and other events and resources to support postgraduate researchers.
Email: v.m.sheppard@salford.ac.uk
Tel: 0161 295 4452

Internationally Honoured

Recent University of Salford PhD Student, Chrisna du Plessis' practice based research and development work has been honoured by her being awarded an honorary doctorate from Chalmers University of Technology in Sweden. Dr du Plessis has had ongoing contact with researchers at the Chalmers University Department of Architecture for the last decade, promoting an exchange of teaching staff between Chalmers and South Africa and delivering lectures to the Department's students.



Chrisna, an architect and research leader at the Council for Scientific and Industrial Research (CSIR) in South Africa, is a leading international expert on planning and

construction for global sustainability and a member of a large number of boards and committees working to promote sustainable urban development, including the UN Environment Programme and Earth Charter, she is also an adviser and project co-ordinator for the UNEP Sustainable Building and Construction Initiative Think Tank on Climate Change.

Her research has highlighted, in particular, conditions in the Third World. Chrisna's work combines a systems theory approach with considerable involvement in the potential that exists in people's daily lives, which has been a strong contributing factor in promoting an interdisciplinary understanding of this problem area. Chrisna studied for her PhD at the University of Salford and was supervised by Professor Peter Brandon, from the

University's School of the Built Environment. Peter, through his expertise in sustainable development, was recently involved in the drafting of the declaration of the G8 countries' Rectors' University Summit in Turin.

Chrisna's research is of major significance to the Built Environment, indeed Professor John Ratcliffe, former Secretary-General of the World Futures Studies Federation, thought that her PhD was the best he had read! It is hoped that Chrisna's findings and discourse will be published in a book, with her research opening new avenues to resolving urban development issues in Africa.

If you would like to know more about Chrisna's research contact her at:
cdupless@csir.co.za

A Dynamic and Changing Rhythm!

Tom Sykes, a PhD student in the school of Music Media and Performance is researching on the effect of digital technology on the dissemination and consumption of 'niche' genres of popular music. Enough to be going on with you might think? But Tom's been fortunate enough to go one step further in his career as he has recently had a chapter of his work accepted for publication in a forthcoming Ashgate book about European popular music.

The book chapter, provisionally titled 'Transgressing borders in cyberspace', discusses the way in which recorded music is now so easily distributed over the internet, transgressing not only geographical borders but often stylistic differences, language barriers and censorship laws, not to mention copyright legislation and royalty agreements.

The area of music Tom is researching is 'niche' or 'specialist' popular music, with, as he is a jazz musician, a particular focus on jazz. Tom is looking particularly at how digital media, especially the internet, have affected the dissemination and consumption of jazz. Tom is in wise musical hands for supervision of his research as his two University supervisors are; Professor George McKay (George is currently working on a large Arts and Humanities Research Council award entitled 'Spasticus:

Popular Music and Disability' and Dr Tony Whyton (Tony is currently working on a ground breaking project the largest of its kind for Jazz in Europe). Tom will also be undertaking audience questionnaire surveys and interviews at selected jazz festivals, and carrying out online surveys.

Tom has also presented his research at several conferences including; the Sound Property conference (Salford, 2009); Mediating Jazz conference (Manchester, 2009) and is due to present at the Leeds International Jazz Conference 2010.

If you would like to know more about Tom's research contact him at:
tomsykes29@btinternet.com



Tom Sykes

**Postgraduate
research news**



Hope even in War

Dorothy Gates, currently a PhD student in the Adelphi School, at the University has recently seen a dream realised. Dorothy faced the challenges of creating a musical depiction of physical warfare and this she achieved in her recent piece entitled "Hope" a major work in three movements for brass band.



New York staff band

She then achieved a further accolade of having her work performed by the New York Staff Band of The Salvation Army, under the direction of Bandmaster Ronald Waiksnoris, at the Queen Elizabeth Hall, South Bank Centre, London.

One of the main challenges for Dorothy in composing this work was creating a musical depiction of physical warfare. Translating shell-fire into music meant dissecting the various elements of shell-fire, the thud as a single shell is released, the eerie high-pitched whistling which descends rapidly in physical height and musical pitch as it seeks out its target, and the final explosion as the shell makes contact. Needless to say the piece is heavy on percussion!

Translating the human and emotional concept of hope in a warzone, if it could exist in such horrific circumstances, and the need to

represent the innocents of war – children their existence in such a world and who will voice their thoughts and fears, was a challenge. To create a work that encompasses these thoughts and images and to answer it all musically was no easy feat.

Following their return home, the New York Staff Band spent several days recording their latest CD, "Music of Thanksgiving and Hope". This CD features major works exclusively, and "Hope" is one of those featured. In addition to her research at Salford Dorothy is currently the Composer-in-residence for the New York Staff Band. Her current research projects include a percussion concerto and a musical production of Paulo Coelho's book, "The Valkyries".

If you would like to know more about Dorothy's research contact her at: **D.E.Gates@pgr.salford.ac.uk**



The Right Place At The Right Time!

Innovative schemes, putting research into practice, and real world thinking are ways of being for the University of Salford, not only for the research and academic staff at the University, but now also for the post graduate students.

Under a new University initiative, from September this year all Business School MSc students will have the opportunity to secure a professional placement year as part of their programme of study instead of the traditional research based dissertation. The first to secure such a place as part of his degree is Liam Brown.

Liam is a student on the MSc in Project Management, and will work in a project management role at Airbus in Bristol. The major assessment of the placement year is a work related dissertation comparing the theory to the actual practice of their discipline.

If you would like to know more about this scheme contact Chris Procter at: **c.t.procter@salford.ac.uk**

Development of Organisations and Communities

Technology transfer through capacity building and the role development nongovernmental organisations (DNGOs) play in this is Lilian Madubuko PhD research.



Lilian is a 3rd year PhD student in the School of the Built Environment and is focusing her research on the interactions between DNGOs and marginalised communities to build self-sustaining capacity to transfer, absorb and use building technologies in indigenous housing in Nigeria. Lilian's research is of importance and relevance to such developing countries and is very much on the agenda of development institutions such as the International Monetary Fund (IMF) and the World Bank.

Through her research Lilian is examining the

role of the DNGO in technology transfer and if these organisations, as literature suggests, truly do have an advantage over other development agents. Lilian's PhD research on its own is a big enough initiative, but she is also researching on a Leadership Foundation for Higher Education Project entitled, Leading Culturally Diverse Communities in Higher Education (LCDC). The LCDC project's research question is: How can universities develop appropriate policies and cultures to successfully engage with culturally diverse communities internally and externally? Aiming to address this the project will: identify ten Higher Education Institutions (HEIs) with significant culturally diverse staff and student populations and also based within diverse community localities in the UK;

identify issues and gaps in successfully supporting and developing inter-cultural awareness and productive working relationships and develop a simple tool for self-analysis of the current institutional position in relation to engaging with diverse communities.

If you would like to know more about Lilian's PhD research or the research ongoing in the LCDC project contact her at: **L.N.Madubuko@pgr.salford.ac.uk**



Postgraduate Awards

School	Surname	Forename	Award	Title
Salford Business School	Kane	Kevin James	PhD	Managing HACCP: Micro-Business Perspectives on the Benefits of a Regulated Food Safety Management System
School of Computing, Science & Engineering	Smith	Philip David	PhD	Heating the Solar Corona: Enhanced Phase Mixing and Current Loop Coalescence
School of Environment & Life Sciences	Woodward	Kevin	DSc	Doctor of Science Award
School of Social Work, Psychology & Public Health	Cassidy	Simon	PhD	Product Data sharing and Exchange in Architecture Engineering and Construction: Assessment of Middleward Support and Business Benefits
School of the built Environment	Keraminiyage	Kaushal Priyankara	PhD	Individual Differences and Learning: Learning Style, Perceived Academic Personal Control and Self Assessment as Aspects of Self Regulated Learning
School of Social Work, Psychology & Public Health	Nightingale	Julie	PhD	Changing professional Landscapes: The Influence of Education on the Origin and Evolution of Radiography Advanced Practice
School of Social Work, Psychology & Public Health	Abdalgadr	Alsedig Abdalgadr Ali Abdalgadr	PhD	Standardisation of raven's Standard progressive Matrices Test for a Libyan Sample
School of Environment & Life Sciences	Abushahmah	Mufath	PhD	Investigation into Pregnancy and Toxoplasma Gondii Infection in Libya
School of Health, Sport & Rehabilitation Sciences	Burgess	Katherine Elizabeth	PhD	In Vivo Tendon Mechanical and Structural Properties: Adaptability and Influencing Factors
School of Computing, Science & Engineering	Elliott	Andrew Stephen	PhD	Characterisation of Structure Borne Sound Sources in-situ
School of English, Sociology, Politics & Contemporary History	Hall	Brian Nigel	PhD	The British Expeditionary Force and Communications on the Western Front, 1914-1918
School of Computing, Science & Engineering	Hodgkinson	John Lee	PhD	Enhanced Chemical Vapour Deposition of Titania and Aluminium based Thin Films
School of Health, Sport & Rehabilitation Sciences	Jing	Xia	PhD	Access via a Standardised Electronic Health Record Prototype
School of Computing, Science & Engineering	Keens	Simon	PhD	Hydrogen Storage in Novel Carbon Materials
School of Media, Music & Performance	Meredith	Frederick John	PhD	Discovering concepts, colour and textures in music making
School of English, Sociology, Politics & Contemporary History	Park	Seong Yong	PhD	The Development of the Republic of Korea Navy in a changing National Defence and Northeast Asian Security Environment
School of the Built Environment	Perry	Beth Gemma	PhD	Rethinking and Rescaling Science? An Empirically-Informed Critique of Changes in Modes of Knowledge Production
School of Media, Music & Performance	Smith	Nicola Jane	PhD	Performing Fandom on the British Northern Soul Scene: Competition, Identity and the Post-Sub cultural Self

School	Surname	Forename	Award	Title
School of the built Environment	Alhabashi	Sharifah Mazlina Syed Khuzzan	PhD	A Conceptual Diagnostic Learning Styles Questionnaire Framework
School of Computing, Science & Engineering	Wang	Ning	PhD	Optical Spin Injection and XMCD in Ultrathin Magnetic Films Deposited on GaAs
School of Nursing & Midwifery	Allen	Michelle Louise	PhD	Stories of Self Harm: A Critical Approach to the Existing Evidence Base and the Proposal of Alternative Perspectives
Salford Business School	Avramenko	Aleksander	PhD	Examining The Role Of Inspiration In Contemporary Work Organisations
School of Computing, Science & Engineering	Boag	Neil	PhD	Novel Precursors for the Growth of TiO2 by Liquid Injection MOCVD
School of English, Sociology, Politics & Contemporary History	Forrest	Christopher Stephen	PhD	The 52th (Lowland) Division In The Great War 1914-1918
Salford Business School	Al Attal	Zakaria Zaki	PhD	Factors Affecting the Implementation of Joint Commission International Standards in United Arab Emirates Hospitals
School of The Built Environment	Bakis	Nikolaos	PhD	Product Data Sharing in Architecture, Engineering and construction: Assessment of Middleware Support and Business Benefits
School of Nursing & Midwifery	Braine	Elizabeth	DProf	Acquired Brain Injury and the Emotional, Behavioural and Cognitive Sequelae: The Family Experience
School of Health, Sport & Rehabilitation Sciences	Crofts	Gillian Susan	PhD	A Framework of Learning Experiences in Ultrasound Scanning
School of Nursing & Midwifery	Holland	Ashley	PhD	Street Drugs, Alcohol and Mental health – What helps?
School of Environment & Life Sciences	Steele	Karl Christopher	PhD	Evaluation of TiO2 and Ag-TiO2, CuO-TiO2 Composite Films for Self-Disinfection Activity
School of Computing, Science & Engineering	Youngson	Paul	PhD	The flame-assisted chemical vapour deposition of Anti-Microbial thin-films and transparent conducting oxides

International News



Salford in the Top 10

International students at the University of Salford were busy last autumn taking part in the International Student Barometer, an independent survey of the student experience offered by UK universities.

The results are now ready and the wait has been worth it. Salford was ranked in the top 10 for international student experience out of over 50 UK university participants. Student experience includes things like safety and security, access to the internet, transport links and sports facilities.

Piera Gerrard, Director of the International Office, said "...We are delighted that the continued investment in our infrastructure and facilities has resulted in this great result for the university. We've always known that personal recommendation is important to potential new students and so the fact that 83% of respondents would recommend us to their family and friends is great news for the University, both now and in the future."

It's not only student experience that was scored highly by Salford students. The University was also ranked in the top 5 for employability – the value of their qualification with future employers. With 82% of respondents stating that the cost of their education remains the top influence in their decision making, the fact that Salford has

been ranked highly in this area is extremely welcome. Steven Roden, Associate Head of the International Office commented "The University of Salford has been providing career based courses designed in partnership with global employers since the early 20th century...it's great that our international students are able to take advantage of this, and recognise that a Salford course really gives them a career head-start."

The University is currently enjoying a large increase in enquiries from international students wishing to study in Salford, and the results of the International Barometer together with the new International Scholarships scheme and its involvement in the flagship MediaCityUK development, will help to turn these into applicants. With Salford international students coming to what is already the largest student population in Europe, this positive rating can only be good news for the local economy.

For more details of the results of the Barometer contact Wesley Hackett at: w.hackett@salford.ac.uk

Beijing friends visit Salford

Following on from the visit by the Vice-Chancellor, Professor Martin Hall, to The University of International Business and Economics (UIBE), Beijing, in October last year, the University has welcomed its friends from UIBE again in a return visit to our University recently.

A delegation of five senior colleagues from UIBE, one of the most prestigious universities in China and a current collaborative partner in one of the University's two PMI2 (Prime Minister's Initiative 2) projects, came to the University to discuss future plans and seal partnerships. Colleagues from UIBE were Professor Shi Jianjun (University President), Professor Zhao Zhongxiu (Dean of School of International Trade and Economics), Professor Wang Lifei (Dean of School of International Studies), Dr. Wang Zhihui (Assistant Dean, Business School) and Mr. Xia Haiquan (Director of UIBE International Office).

The visit involved discussions with the Executive Dean of the Faculty of Business, Law and the Built Environment, Professor Khairy Kobbacy, Head of Salford Business School, Professor John Wilson, and colleagues from Salford Business School including Drs Polly Sobreperes, Tony Conway and Gordon Fletcher and also Xiang Li, the University's PMI2 Project Manager, and culminated in a Memorandum of Understanding signed by the Vice-Chancellor and Professor Shi Jianjun.

Key areas to be taken forward include potential collaboration in respect of MBA, student and academic exchanges, co-supervision of PhD students and continued involvement in PMI-related activity. The UIBE visit demonstrated the significance of Salford Business School's AMBA accreditation of its MBA, the potential of the PMI project and the importance of the University's internationalisation strategy.

If you would like to know more about the Prime Minister's Project contact Xiang at: x.li1@salford.ac.uk



Salford and Hong Kong: A collaboration milestone

Affiliation agreed between the University of Salford and Open University of Hong Kong

In March 2010, representatives from the University of Salford visited the Open University of Hong Kong (OUHK) to finalise details of a groundbreaking partnership. The team consisted of Dr Gai Murphy, Associate Dean (Academic) of the School of Science, Engineering and Environment; Debra Leighton, Associate Head (Teaching) of the School of Art and Design; Mr Michael Lurie, Associate Head (Partnerships) Student Information Division and Mr Richard Clemens, Assistant Secretary of the Governance Services Unit.

The partnership that has been agreed relates to the franchise of the Salford undergraduate psychology programme to the OUHK Li Ka Shing Institute of Professional and Continuing Education (LiPACE). This will mean that our programme will be delivered locally in Hong Kong, using our quality assurance framework to ensure that the student and academic experience of students in Hong Kong matches that of students in Salford.



Keith Barnes, PVC Strategic Partnerships and Development said, "This is a huge milestone for the University. Not only is the OUHK a very prestigious partner for us, but is recognised as an important institution in the Asia Pacific region. This agreement signals Salford's active and practical commitment to internationalisation - one of our key strategic aims and will help us to build our brand abroad. The success of this partnership would not have been possible without the exceptional team efforts between colleagues with the University both in the academic and professional services area. I congratulate them for their outstanding contribution."

Michael Lurie added, "This partnership will have numerous other institutional benefits for both partners, such as the progression of students onto Masters programmes in the UK, greater research potential, faculty and staff exchanges and the development of additional programmes with OUHK LiPACE. We are confident that this partnership will serve as an example of best practice for other Schools to develop other suitable opportunities that enhance the University brand and Key Themes."

The first cohort is scheduled to start in the studies in Hong Kong in September 2010.

Forthcoming Events

4th May, 2010 – The Greek Crisis in Context: De Te Fabula Narratur!. A seminar on the politics of the Greek Financial crisis. Participants will include: Peter Bratsis University of Salford; Costas Douzinas Birkbeck College, University of London; Carlos Frade University of Salford; Bob Jessop University of Lancaster; Stathis Zouveleki Kings College, University of London; Dimitris Papadimitriou University of Manchester; Spyros Sakellaropoulos Panteion University; Konstantinos Tsoukalas University of Athens. Venue – Clifford Whitworth Library, Conference Room, University of Salford.

For more information contact: p.bratsis@salford.ac.uk

5th May, 2010 – Going Social? Potentials and Paradoxes of the Sociological Study of Translation/Interpreting. One day symposium seeking to critically engage with what has been achieved in the ‘social turn’ in translation studies and the potentials and paradoxes involved.

For more information contact: enquiries-languages@salford.ac.uk

8th May, 2010 – Film Showing: ‘The Business of Being Born’ and ‘Mother of Many’. To celebrate International Day of the Midwife the University is showing two films. The business of Being Born is Rikki Lake’s controversial documentary about how American women give birth. Mother of Many is Emma Lazenby’s BAFTA ward winning short animation celebrating birth and midwifery. Venue – Robert Powell Theatre, Frederick Road, Salford University Campus.

For more information contact: manchesterarm@yahoo.com

11th – 13th May, 2010 – CIB World Building Congress. An opportunity for practitioners, policy-makers and researchers to mix and discuss issues of mutual interest with direct access to expertise from all around the world. Venue – Lowry Complex, Salford Quays, Salford.

For more information contact: p.s.barrett@salford.ac.uk

19th May, 2010 – Rheumatology Research. School of Health, Sport & Rehabilitation Sciences, Leading Edge Research Seminar Series. Event Speaker, Dr. Krysi Dziedzic. Venue – Mary Seacole Building, University of Salford, Salford. For more information contact: a.oxby@salford.ac.uk

20th May, 2010 – Popular Music Research centre, Spring Seminar Series 2010. Searching for the Young Punk Rebels: Birmingham’s Place in Post-Punk History – Dave Haslam, Independent Scholar. Venue – Room AH215, Adelphi House, University of Salford.

For more information contact: d.sanjek@salford.ac.uk

21st May, 2010 – Innovation Bazaar – Call for Participation Deadline: 21st May 2010. The Innovation Bazaar is an open innovation marketplace based around the theme of “new ways of working”. The Innovation Bazaar is aimed at anyone with an idea including students at college or university; recent graduates; freelancers and the self-employed: small business owners or anyone, anywhere with an idea for a new product or service. For more information and the online entry form go to:

www.isos.salford.ac.uk/innovation_bazaar.php

21st May, 2010 – Integration and aspiration: Cutting Edge Matters in EU Research. A Manchester Jean Monnet Centre of Excellence (JMCE) Conference. Conference designed to showcase contemporary postgraduate research involving all aspects of the evolution and direction of the European Union.

For more information contact: u_hoffmann@gmx.net

3rd - 4th June, 2010 – 4th International Comedy Conference 2010, So Funny it Hurts. Key note speaker Brett Mills author of Sit Com (TV Genres).

For more information contact: c.lee@salford.ac.uk

3rd - 4th June, 2010 – Sights & Sounds Conference. Sights & Sounds – Interrogating the Music Documentary Conference. Venue – The Old Fire Station, University of Salford, The Crescent, Salford.

For more information contact: d.sanjek@salford.ac.uk

4th - 5th June, 2010 – Ten years on: A Multi-perspective Evaluation of the Human Rights Act – Salford Human Rights Conference 2010. This conference offers a multi-perspective evaluation of the impact of the Human Rights Act over the last 10 years. It includes both a domestic and international analysis of the effectiveness of the Human Rights Act. Venue – Lady Hale Building, University of Salford, Salford.

For more information contact: j.d.allbutt@salford.ac.uk

16th June, 2010 –Diagnostic Imaging. School of Health, Sport & Rehabilitation Sciences, Leading Edge Research Seminar Series. Venue – Mary Seacole Building, University of Salford, Salford.

For more information contact: a.oxby@salford.ac.uk

16th June, 2010 – Compassion and Value Based Care Event – one day seminar, this event will be celebrating National Carers Week and is aimed at nurses and health care professionals.

For more information contact: fhsc-events@salford.ac.uk

17th June 2010 – Annual 6th Form Conference: Careers in Law. This conference is aimed at lower 6th formers (year 12) considering applying to do law at university whether or not they are studying it at school. The day will include talks and advice from barristers, solicitors, lecturers and other law professionals. Venue Lady - Hale Building, University of Salford, Salford.

For more information contact: s.j.robinson@salford.ac.uk

18th June, 2010 – International Political Economy Group (IPEG) - The other side of the crisis? The International Political Economy of democracy and human rights after the global financial crisis. Conference to be hosted by the Democracy and Human Rights Research Centre, University of Salford.

For more information contact: p.Bratsis@salford.ac.uk

1st – 3rd July, 2010 – Noise, Affect, Politics Conference. “Bigger than Words, Wider than Pictures”: Noise, Affect, Politics. Sheila Whiteley, author of The Space Between the Notes; Paul Hegarty – author of Noise/Music and Stephen Mallinder from Cabaret Voltaire. Venue – University of Salford.

For more information contact: m.n.goddard@salford.ac.uk

6th – 7th July, 2010 – 2nd International Interprofessional Health and Social Care Conference, University of Salford in partnership with The University of Manchester and Manchester Metropolitan University. Venue – Geoffrey Manton Building, Manchester Metropolitan University.

For more information contact: a.oxby@salford.ac.uk

21st – 24th September, 2010 – DocEng2010. 10th ACM Symposium on Document Engineering (DocEng2010). An international forum for presentations and discussions on principles, tools and processes that improve our ability to create, manage and maintain documents.

For more information contact: doceng2010@primaresearch.org

23rd – 24th September, 2010 – HaCIRIC International Conference 2010, Better healthcare through better infrastructure. Venue – Edinburgh.

For more information contact: p.allen@salford.ac.uk

13th – 16th October, 2010 – IFIP 6th International Conference on Intelligent Information Processing (IIP2010). Manchester, UK.

For more information contact: s.vadera@salford.ac.uk