

THE UNIVERSITY *of York*

January/February 2012

# magazine



**Score a winner!**

**Free York Sport membership in  
£2m student benefit package**

**ROYAL ACCOLADE  
FOR ARCHAEOLOGY**

**INTERVIEW WITH  
HISTORIAN  
MICHAEL WOOD**

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**Cover:** James Faktor, Captain of the University's Men's Rugby Union team. Photo by Vicky Matthers

## MESSAGE FROM...

### Jane Grenville Pro-Vice-Chancellor for Students

The Senior Management Group (SMG) has recently approved an additional £2m package of measures as part of our continuous drive to improve the student experience. Effective from the academic year 2012/13, the package will support students in their studies and extracurricular activities, improve their teaching and learning experience, and enhance their future employment prospects.



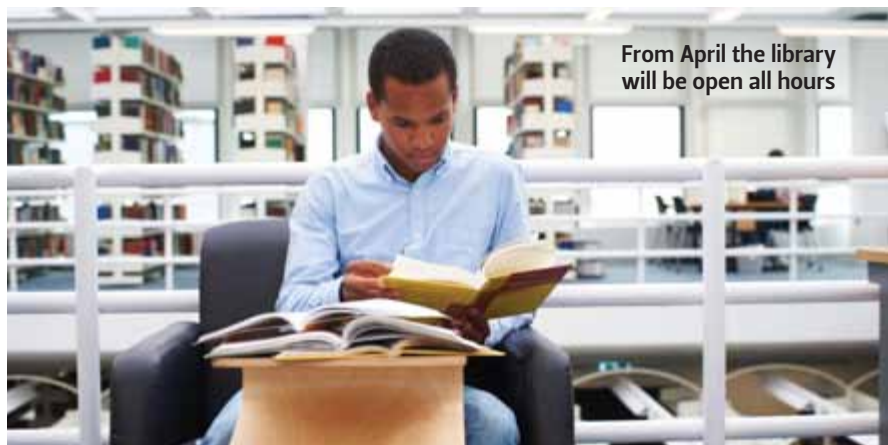
This investment comes on top of the millions of pounds already targeted at improving the campus environment and the experience our students have of living and studying at York. The additional funds have been targeted to make a specific difference and have been informed by feedback from staff, students and surveys.

The additional funding will help us improve the studying experience at York through a variety of ways including the provision of 24-hour opening of the newly refurbished library, 365 days a year; additional key texts for current and incoming students; the refreshment of more teaching and learning spaces and the employment of additional lecturing staff to reduce our student to staff ratios.

Funding will also go to extracurricular activities through free York Sport Union membership as well as helping students access college sports and receive professional coaching. Welfare receives a boost with plans for night-time staffing in our colleges and further support for our Open Door student welfare team.

Increased spend on internships and plans to improve our provision for opportunities to study abroad will help improve the future employment prospects of our graduates.

The focus on improving the environment, study resources and social and personal development opportunities for our students has never been stronger. The announcement of this additional funding is symbolic of our commitment to ensuring our students enjoy a world-class university experience.



## New Year honour for electronics professor

Professor Mohamed El-Gomati of the Department of Electronics has been made an OBE in the New Year's Honours List.

He took his BSc degree in Physics and Mathematics at the University of Tripoli in his native Libya and went on to study for an MSc in California and a PhD at the University of York. His research interests are in Surface Science and Electron Optics, particularly the development of novel instrumentation for nanostructure and analysis.



A Fellow of the Institute of Physics and of the Royal Microscopical Society, he has made a significant contribution to Britain's science base and the transfer of knowledge from the laboratory to industry. In 2009 he and his research group were awarded the 2009 Fazlur Rahman Khan award for Excellence in Engineering, Science and Technology. Professor El-Gomati actively promotes the role of Muslims in science through the Manchester-based Foundation for Science, Technology and Civilisation, of which he is Deputy Chair.

## The magnificent seven

An award-winning journalist and three leading figures in health and medicine have received honorary degrees from the University.

Lyse Doucet, a senior presenter and correspondent for BBC World News TV and BBC World Service radio; Dr Thomas Brewer, Deputy Director of the Bill & Melinda Gates Foundation's Infectious Diseases Program; Professor Dame Sally Davies, Chief Medical Officer for England and Sir Mark Walport, Director of the global charitable foundation the Wellcome Trust, were all awarded honorary doctorates at the graduation ceremonies in January.

The University has also awarded three Morrell Fellowships to outstanding supporters. Named in memory of John Bowes Morrell, who was at the forefront of the campaign to create a university in York, the Fellowships recognise benefactors who have made significant contributions to the fabric and life of the University.

Tony Cann, founder of Promethean World, a leader in the global market for interactive learning technology, has supported the University through the Bowland Charitable Trust, which enabled the foundation of the Institute for Effective Education and the completion of the Berrick Saul Building.

Alumnus Graham Paterson (Mathematics and Economics 1967) worked for Computer Corporation of America. Together with his wife Kath, he has established over 20 scholarships to support York undergraduate students from lower income families. Another alumnus, Tony Wild (Chemistry 1968), has had a long and distinguished career in the development of global pharmaceuticals. His donations have supported over 40 international students and secured substantial funds to develop the infrastructure for chemistry at York.



Lyse Doucet, Sir Mark Walport, Dr Thomas Brewer and Professor Dame Sally Davies



From left: Tony Wild, Graham Paterson and Tony Cann

## Breakthrough computer technology wins THE Award

York's Advanced Computer Architectures group has won the accolade of Outstanding Engineering Research Team in the Times Higher Education Awards 2011.

"We are absolutely delighted," said Professor Jim Austin who leads the group. "We have benefited from a consistent and talented team over the last ten years, supported through Engineering and Physical

Sciences Research Council and Technology Strategy Board grants. This has allowed us to build the expertise needed to solve the hard problems industry faces."

The team has developed a breakthrough technology – AURA – which mimics the brain's ability to make sense of massive amounts of data. Its methods have proved so successful that the team has set up a spin-off company, Cybula Ltd, to develop the

application of these ideas in areas including power generation, wind energy systems and medicine.

York was also recognised for its work in Realising Opportunities, voted Widening Participation Initiative of the Year. This is a collaboration of 12 leading universities which promotes fair access to higher education and encourages students to apply to research intensive universities.

## Shepherd adds to study facilities

New study facilities at the University's Harry Fairhurst Building have been further enhanced with the donation by Shepherd Construction of laptop tables worth over £3,000. Shepherd completed the refurbishment of the Harry Fairhurst Building last year, creating a modern, IT-rich study and research facility, and is currently in the final phase of modernising the University's JB Morrell Library, due to be completed at the end of February.



Refurbishment Project Officer Katie Burn trying out one of the new tables with Dave Clarke, Deputy Build Manager from Shepherd Construction

## Our plan for the future

The key strategies underpinning the University Plan are on the University website at [www.york.ac.uk/about/organisation/management/plan](http://www.york.ac.uk/about/organisation/management/plan).

The University Plan was published in 2009 and sets out our overarching strategy for the University, including our vision, values and objectives for the next ten years. The Plan is underpinned by a series of eight, top-level supporting strategies covering key aspects of University activities including finance, estates, human resources, students, and teaching and learning. These strategies and accompanying action plans are available to view on the University website linked from the 'About' section.

The Senior Management Group (SMG) will review progress against each of the strategies annually. They are also considered periodically by relevant committees and forums. The strategies are living documents that will continue to evolve over the coming months and years to reflect the rapidly changing higher education environment.

## IN THE COMMUNITY... Staff spread Christmas cheer

University staff volunteered with York Cares in December to help members of the local community who are elderly, housebound or homeless.

Five members of the University HR team visited Woolnough House on Hull Road to sing carols and eat mince pies with the residents. The volunteers found their singing voices with the help of live music performed by members of the Music Education Group. Staff from the Academic Support Office and International Relations Office laid on festive quizzes and bingo games for elderly residents at other homes in the city.

Staff in Academic Registry also collected and wrapped Christmas gifts for families and vulnerable young people in a local hostel.

For more information on York Cares see [www.yorkcares.co.uk](http://www.yorkcares.co.uk).



Jacqui Tesslement of York Cares with one of the residents of Woolnough House

## The Vice-Chancellor's Diversity Awards 2011

A group of 15 students were presented with Vice-Chancellor's Diversity Awards at a celebration event on 30 November in Heslington Hall.

The students were selected based on their academic records and personal achievements to receive a £1,000 award, tailored careers advice and the opportunity to become part of the University's Student Ambassador Scheme.

The Vice-Chancellor's Diversity Awards Trust aims to encourage those who may be under-represented at the University to study here. With inclusivity as one of the major

themes of the University Plan for the next ten years, the awards promise to promote greater diversity amongst students and to attract students to York from a range of different backgrounds.

Menahil Butt, one of the award recipients said, "Aside from the financial benefit, the Diversity Award has presented me with many opportunities. In my first term, I have been given the chance to gain valuable experience through the role of a Student Ambassador. It's reassuring to know that there is such support and help available."



The award winners with Vice-Chancellor Professor Brian Cantor

## Greg Dyke leads bursary appeal

The University's Chancellor, Greg Dyke, is calling on alumni to join him in giving generously to provide new Achieving Excellence Bursaries.

He said, "We want to be able to say to bright kids who are worried, along with their parents, that they might not be able to cope financially: 'If you have the potential, there are funds available at York to help support you.'

"I came to York in the days when there were no fees – if there had been, I doubt if I would have considered higher education. I am passionate that the brightest students with limited financial means should continue to

benefit from what York has to offer. I believe there's a particular responsibility on those of us who went to York before fees were introduced to help the next generation."

Greg has written to alumni and recorded a special video message urging them to join him in giving so that more bright students from low-income families can thrive at York. Watch the video at [www.YorkSpace.net/bursaries](http://www.YorkSpace.net/bursaries).

The alumni telethon in November raised more than £50,000 from York alumni in the US and the UK. Special recognition goes to second year Economics and Economic History student Scott Lishak, who has raised more than £10,000 over the last year.



Over 150 business leaders joined alumni and current students for the networking event at PricewaterhouseCoopers in London

Photo: York Alumni Association: <http://yorkspace.net>

## Vital connections: York launches professional networks for alumni

Professional networks provide valuable connections in today's competitive job market, and last November saw three events in London to launch the York Alumni Association's Professional Network Programme to connect current students and recent graduates with alumni in established careers.

Alice Maynard, Chair of Scope, Christopher Boon, Chair of Child Poverty Action and Mark Lewis, Marketing Manager for the London Sinfonietta, were among the alumni who attended the Third Sector Professional Network held at King's Place. This was followed by the Media, Journalism and PR Network at BAFTA, hosted by Greg Dyke, Denise O'Donoghue (ITV), Caroline Thomson (BBC) and Steve Richards (*The Independent*).

PricewaterhouseCoopers sponsored and hosted the final event which brought together alumni working in finance, management and law, including Philip Beasley-Harling, Director at Bank of America; Tim Hill, Vice President, Barclays and Clare Thompson, Partner at PwC. During the evening, three student teams

presented their solution to a corporate crisis and alumni decided on the winning pitch.

Said Sarah Pickles, station manager at York Student Television (YSTV) "The alumni event at BAFTA was a brilliant opportunity to unite past and present members of YSTV. It offered a fascinating insight into the industry and provided students across the media societies with invaluable professional links."

In March there will be a campus-based 'Professional Connect' event to give students the chance to network with successful young graduates.

Nik Miller, Alumni and Friends Engagement Manager, said, "A focused professional network is a great way for our alumni to boost their career prospects, and the Alumni Engagement Team and the Careers Service are making it easier for graduates and current students to access new opportunities, advice and practical support." Departments and colleges can get involved by contacting [nik.miller@york.ac.uk](mailto:nik.miller@york.ac.uk).

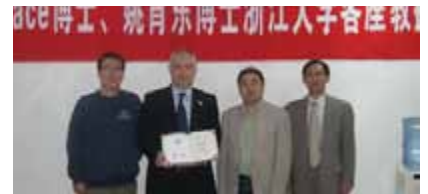
Find out more at [www.YorkSpace.net/ypn](http://www.YorkSpace.net/ypn).

## STAFF NEWS



**Salters' Professor of Science Education Robin Millar** (Education) has been appointed the next President of the Association of Science Education (ASE) which

provides a constructive and collegial forum where teachers, teacher educators, researchers, curriculum developers and those involved in shaping policy can meet to share, refine and challenge ideas about science education on an equal footing.



**Dr David Grace**, Senior Research Fellow in the Department of Electronics, has been made a Guest Professor at Zhejiang University, further strengthening the deep collaboration York has with Zhejiang University via the joint lab Cognitive Radio and Green Communications. Professor Honggang Zhang, his opposite number at Zhejiang, was made Honorary Visiting Professor at York last year.



**Professor Gabriele Griffin** (Women's Studies) was awarded an honorary doctorate by Umea University, Sweden, for her work in Women's Studies.



**Professor Michael Drummond** (Centre for Health Economics) (right) was welcomed as a foreign member

into the US Institute of Medicine of the National Academy of Sciences. The Institute advises policymakers and professionals on medical and health issues.



**Dr Benjamin Poore** (Theatre, Film and Television) has published *Heritage, Nostalgia and Modern British Theatre: Staging the Victorians* (Palgrave).



**Professor the Baroness Haleh Afshar** (Politics) appeared on the *Voice of America* to talk about the special relationship between the UK and the USA.

## yorkconcerts

University and Department of Music ensembles take the stage in the second half of this term. Featuring a new work by postgraduate Benjamin Gait, the **University Chamber Orchestra** (22 February) also performs music by Elgar and Martinu with Beethoven's popular eighth symphony. The **University Jazz Orchestra** (29 February) takes the music of South African composer and anti-apartheid activist Hugh Masekela to the National Centre for Early Music, without Masekela himself but with guest trumpeter Chris Batchelor.



University Jazz Orchestra

For their concert in York Minster on 9 March, the **University Choir** is joined by the Northern Sinfonia whose leader and principal viola player, Bradley Creswick and Michael Gerrard, are soloists in Mozart's Sinfonia Concertante. The Choir performs two works by Haydn: the *Te Deum* and *Harmoniemesse*.

A Saturday night concert by the **University Symphony Orchestra** (10 March) features soprano Rachel Nicholls as soloist in Mahler's Symphony no. 4. The distinctive sounds of flutes and sleighbells and the beautiful song of a child's view of heaven make this one of the composer's most familiar works. The concert opens with the Prelude and Liebestod from Wagner's opera *Tristan und Isolde*.

One of the greatest oratorios Handel's *Israel in Egypt* is performed by the **University Chamber Choir** (14 March). Vivid settings of the plagues of Egypt and joyful, triumphal choruses make it hard to believe that the work was booed at its first performance and Handel subsequently revised the work. The Chamber Choir returns to the original version for this performance.

The programme for the **Spring Festival** (9 to 13 May) is due to be announced at the end of February. It features Octandre, a new group formed by York alumni, and musical stand-up Jay Foreman, also a York alumnus.

Box Office 01904 322439  
boxoffice@york.ac.uk  
www.yorkconcerts.co.uk

## Enhancing employability

### Internship success

Students and local businesses were recognised in October at an event celebrating the success of the Student Internship Bureau's summer vacation scheme.

The event showcased the achievements of students from academic years and disciplines across the University, who took part in a range of high quality, paid, part- and full-time internships with businesses of all sizes.

Robert Eynon, a second year Electronic and Computer Engineering student who worked for 12 weeks as a Systems Development Engineer at the Food and Environment Research Agency (FERA), received the 'Internship of the Summer' prize and £200.

Special thanks were made to all employers, in particular local chartered



Robert Eynon receiving his award from Professor Colin Mellors

accountants J W P Creers LLP for their support and direction to Corporate Finance intern, Robin Synnot, a final year English and Related Literature student.

At the event, Professor Colin Mellors, Pro-Vice-Chancellor for Business and Community, spoke about the impact of the internship scheme, the enhancement of student employability and the success of the internships as a result of strong partnerships with and support from local businesses.

### Taking on The Market

Student teams were challenged to 'rebrand' the city of York in a competition designed to test their advertising, marketing, design and teamwork skills.

Student-run group York Entrepreneurs hosted 'The Market', an annual *Apprentice*-style competition, which saw 13 teams taking on three tasks over four days. Three teams made it to the final task, which asked them to design a new tourist attraction and pitch it to a panel of judges including the Deputy Mayor of York.

Team Cognate – Psychology students Jack Blake, Ros Baker, Joy Bothamley and Daniel Bennett – proposed the world's first virtual reality museum and were crowned the winners, receiving £1,000 prize money.

Jack said, "It was a great experience. We thoroughly enjoyed it and learned a lot about business, teamwork and each other!"

## A new vision for healthcare as East meets West

Traditional East Asian healthcare systems have moved rapidly from the fringes of healthcare systems in the West towards the centre over the past 50 years.

This change of status presents their practitioners with both opportunities and challenges as the focus shifts from one of opposition towards one of integration into biomedically dominated healthcare systems.

For example, what are the values, goals and ethics implicit within traditional East Asian medical practices? What claims to effectiveness and safety do they make? And what is at stake in evaluating these medical practices using biomedical models?

Now a new book, co-edited by Dr Hugh MacPherson of the Complementary Medicine Research Group in the Department of Health Sciences, and Volker Scheid, examines these and other important issues facing healthcare systems in East and West.

Contributions from Chinese Medicine practitioners, historians, medical anthropologists, and experts in the social

studies of science, technology and medicine debate the impact of the evidence-based medicine movement on the ongoing modernisation of East Asian medicines.

*Integrating East Asian Medicine into Contemporary Healthcare* was published on 25 October, 2011.



A book of Chinese traditional medicine

## Horror movie debut for York students

Theatre, Film and Television students Tom Day, Danny Ord and Dan Atherton were commissioned to produce *See No Evil*, a short horror movie screened during York Maze's Halloween events.

Director Tom Day said, "This was a fantastic opportunity for us to work on a real project. It was a cross-departmental effort with theatre students in the acting roles and students from the technical courses helping with lighting, make-up and production."

Professor Andy Tudor, formerly of the Department of Film, Theatre and Television, advised the students during the project.

He said, "Horror movies require certain technical skills, in particular the ability to build tension as economically as possible, and as such are a very good training ground for young filmmakers. It's great to see the students applying what they have learnt during their studies to a real film project."



Harrowing: students filmed at York Maze and other locations in York

## Projects advance for 50th anniversary

We celebrate the University's 50th anniversary in 2013 and a number of projects are already underway.

One of these is a large oral history project, which will include audio and film recordings of around 50 people from all parts of the University community, past and present. Greg Neale, an experienced producer and founding editor of *BBC History Magazine*, is conducting the interviews and is supported by a group of enthusiastic student volunteers, who will help to transcribe and edit interviews and look after the interviewees. Those interviewed include current and former staff

and students, and external friends. The oral history will become part of the University archive held in the Borthwick Institute, and excerpts will be used in anniversary publications and websites.

Don't forget the '50 people at 50' project, in which you can nominate anyone involved in the University in any walk of life, who you believe has made a really positive contribution to the life and work of the University. Some of these stories will also be used in publicity around the 50th anniversary.

Make your nominations at: [www.york.ac.uk/50](http://www.york.ac.uk/50).

## STAFF NEWS



**Professor Alan Burns** of Real Time Systems in Computer Science has been elected a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) for his contributions to fixed-priority scheduling for embedded real-time systems.



Photo: BIAZA/Twycross Zoo

**Dr Andrew Marshall** (Environment) (right), Director of Conservation at Flamingo Land Zoo, has received Best Field Conservation Project in the 2011 British and Irish Association of Zoos and Aquariums (BIAZA) Awards on behalf of the Udzungwa Forest Project (UFP) which works with local people and researchers in Tanzania to conserve threatened species and local habitats.



**Dr Kate Lancaster** has been appointed Plasma and Fusion Industrial Officer to foster links between the York Plasma Institute and industrial and academic partners.



**Professor James Clark** (Chemistry) has been awarded the Society of Chemical Industry 'Chemistry for Industry' Award.



**Professor Sam Braunstein** (Computer Science) has been made a Fellow of the American Association for the Advancement of Science (AAAS), a particular

honour since so few fellows come from outside the USA. The UK has only 40 fellows in the AAAS's various branches of science.



**Dr John Cooper** (History) gave talks at the National Portrait Gallery, the Tower of London and Hampton Court Palace to launch his new book *The Queen's*

*Agent: Francis Walsingham at the Court of Elizabeth I* (Faber and Faber, 2011) which was also serialised as Radio 4 Book of the Week.

## The Tin Pot 20/20 League

Dubbed 'tin pot' some years ago by 'a well-known member of the Biology team', the name for the 20 Over Staff Cricket League has held fast, as has the League itself, which is now one year off its 30th anniversary. Founded in 1983 with teams from six departments, it now comprises nine teams competing on a weekday evening in a season that runs from mid-May to the end of August.

More gentle than tin pot, the league prides itself on not being too concerned with on-field appearance and provides cricket for a wide range of abilities, says founder member David Lindsey – although in 2006 the arrival of a number of talented cricketers graduates from Pakistan, India and Sri Lanka saw the overall standard of play rise dramatically.

"They energised the evening league and made the Staff team, which plays in the Saturday York Vale league, a force to be reckoned with," he recalls. Sadly many of them have now left and the league is the poorer for it.

If you're interested in cricket trivia, the league's website has plenty, such as the fact that Andy Wellings from Computer Science has played in all 28 seasons and that the highest score recorded since 1983 was 157 not

out by Kev Mendham.

"But the league has never been about winning," stresses David. "The important aspect has been to enable friends from a department to enjoy a social get-together based around a 20-over cricket match. Long may it continue."

**For more about the 20-Over Staff Cricket League and its history visit [www-users.york.ac.uk/~socs456](http://www-users.york.ac.uk/~socs456).**



Back row: Callum Smits, Dr Jim Brannigan (senior pro), Rich Lidster, Oli Pickup, Mark Pickworth, Salman Syed, David Lindsey (umpire). Front row: Ruth Wilkinson (scorer), Nishant, Tin Pot Trophy, Dr James Lee (captain), Dr Jason Lynam and Suleman

## Scholarships in the city

Two new History of Art MA scholarships have been made available in collaboration with York Art Gallery and the Yorkshire Museum.

The scholarships were set up by Dr Sarah Turner and Dr Tim Ayers, and build on close links with the Yorkshire Museum Trust and the Friends of York Art Gallery.

Emma Double (below) will spend one day a week at York Art Gallery assisting the curator, Laura Turner, with a new research project on Italian painting and will contribute to the Friends' public events programme.

Emma said, "The scholarship has given me a real insight into contemporary curatorial and educational methods and concerns within a public gallery context."

Student Alexandra Beresford is working with the Yorkshire Museum. She said, "Working with the Yorkshire Museum in preparation for their new exhibition '1212: The Making of the City' has given me a fantastic opportunity to gain an insight into the organisation of an exhibition and the management of display items."



## Cuts and culture – the new landscape

Baroness Estelle Morris, a former Secretary of State for Education and Skills, spoke about the challenges now facing the cultural, arts and heritage sectors when she opened a major conference to mark the successful partnership between the University's Institute for the Public Understanding of the Past (IPUP) and the British Museum last term.

The conference, 'Cultural Equalities Now', brought together practitioners, policymakers and researchers to discuss the impact these changes have on the various audiences for museums, archives, libraries, galleries, and heritage sites. It is the first in a series of conferences on cultural equalities and was organised by IPUP, the British Museum and the Diversity in Heritage Group.



Professor Helen Weinstein with Baroness Estelle Morris

In her opening speech, Baroness Morris, who is assisting with IPUP's research on participation and public engagement, said, "What I fear most is that the cuts become the only thing we talk about, and that would be a tragedy. The cuts will make it more difficult, but they don't mean we are scared of our own shadow and that we no longer do anything... We've got a responsibility to focus on the big issues, about what matters most."

Professor Helen Weinstein, of IPUP, stressed that it was their task to understand the new landscape of cuts, equalities, big society and localism. "The coalition government is bestowing greater autonomy to the cultural heritage sectors and they also promote local, community-based power. We are exploring survival strategies for cultural organisations that connect the two, and researching the impact that this has on audiences and their participation."



## Human rights in the spotlight

A moving performance by Justice Albie Sachs was the highlight of an international conference held in the Department of Theatre, Film and Television.

The conference, 'Things Unspeakable: Theatre and Human Rights since 1945', was a unique interdepartmental collaboration between Theatre, Film and Television, the Centre for Applied Human Rights and the Department of English, co-directed by Professor Mary Luckhurst and Dr Emilie Morin.



Justice Sachs played himself in a scene from *The Jail Diaries of Albie Sachs* by the playwright David Edgar, which ends with one of the songs that he sang in jail in South Africa.

Speakers included Diana Wallis, Vice-President of the European Parliament, who highlighted the vital importance of theatre in educating people about the plight of many asylum seekers, and Nighat Rizvi, a Pakistani theatre activist who spoke of the daily risk to her life as a woman involved in theatre in Pakistan.

Theatre in Rwanda, post-apartheid South Africa, stage representations of torture and genocide, and censorship and violence against women were among the other topics discussed.

## Make, use and re-use

Imagine a world without waste, where products are designed for re-use of all their constituent parts. This is the vision of the Ellen MacArthur Foundation, which is gaining support from blue chip businesses, senior policymakers and influential think tanks.

York Environmental Sustainability Institute (YESI) and the Centre for Low Carbon Futures (CLCF) recently brought experts together to debate how this vision can be realised at a meeting entitled 'The Circular Economy: Innovative thinking for a sustainable future'.

Keynote speaker Andrew Miller MP, Chair of the House of Commons Select Committee on Science and Technology, encouraged attendees to "not to just sit and listen to interesting speakers today but challenge them on how things might translate to the real world".

Presentations were given by Sara Eppel, Head of Sustainable Products and Consumers at DEFRA, and Felix Preston of Chatham House. Stef Kranendijk, CEO of Desso, gave an inspiring example of how his carpet tile manufacturing business is implementing 'cradle to cradle' principles throughout its product range.

The CLCF is working with the Ellen MacArthur Foundation to develop a network of business schools which will train the leaders of tomorrow's industry in principles of the circular economy.

## STAFF NEWS



**Dr Sarah Olive** (Education) has been elected as a trustee of the British Shakespeare Association and appointed editor of their new publication

*Teaching Shakespeare*.



*The Spirit Level: Why More Equal Societies Almost Always Do Better*, by **Professors Kate Pickett** (right) and **Richard Wilkinson** (second from right) (both from Health Sciences) has won the Publication of the Year Award at the Political Studies Association Awards and cited 'the standout political publication of the year'.



**Professor John Barrell** (English and Related Literature) published *The Political Writings of William Fox: Abolitionist, Tory, and Friend to the French*

*Revolution* (Trent Editions, 2011), co-edited by Professor Timothy Whelan (University of Maryland).



**Professor Bill Sherman** (English and Related Literature) has been made a Mellon Foundation Fellow at the Folger Shakespeare Library in Washington DC.



The Goldberg Ensemble's *Crossing Ohashi Bridge* (NMC Recordings,

2011), which includes works by **Professors Roger Marsh** and **Nicola LeFanu** (Music), was selected as one of the top ten albums of 2011 in *The Sunday Times*.

The Department of Politics welcomes the following new staff: **Dr Alex Bavister-Gould**, **Dr Simona Davidescu**, **Dr Luisa Gandolfo**, **Matthew Johnson**, **Sue Leatt**, **Dr Nick Ritchie**, **Dr Chris Rogers**, **Dr Carole Spary**, **Dr Sofia Vasilopoulou**, **Dr Kerri Woods**, **Dr Nicholas Worsfold** and **Dr Chris Wyld**.

## Dark days from York's past

The inaugural walk of the *York Jewish History Trail* took place on 27 January, Holocaust Memorial Day. It was led by Professor Helen Weinstein, of the University's Institute for the Public Understanding of the Past (IPUP), and City Archaeologist, John Oxley. They have

worked for a year with IPUP student interns and media company Historyworks to research and produce an illustrated map of the Trail with accompanying podcasts. University's Institute for the Public Understanding of the Past. Visit [www.york.ac.uk/ipup](http://www.york.ac.uk/ipup)



John Oxley took visitors to Clifford's Tower which saw the terrible massacre of York's Jewish community in 1190

## NEWS IN BRIEF

**Student newspaper *York Vision*** was named Publication of the Year at the 2011 *Guardian* Student Media Awards, held in London on 23 November.

The **Green Chemistry Centre of Excellence** curriculum initiatives and the Chemical Industry Education Centre have been selected as recipients of the ACS-CEI Award for Incorporating Sustainability into Chemistry Education sponsored by the American Chemical Society's Committee on Environmental Improvement.

**Professor Simon Gilbody** (Health Sciences) has been awarded a second large NIHR HTA grant known as CASPER PLUS totalling £850K. The Mental Health Research Group will evaluate an innovative US-developed model of care, known as 'collaborative care', for older adults with screen-positive and clinically confirmed Major Depressive Disorder.

An illustration by **PhD student Laura Bennett** (Hull York Medical School) was featured on the front cover of the journal *Immunology*. The image was one of the figures from an article on 'Mechanisms regulating chemokine receptor activity' by Laura, Dr James Fox and Dr Nathalie Signoret.

**MChem Year 4 student, Danielle Williams**, scooped a gold medal at the UK National Taekwondo Championships in Cardiff in September. She fought off stiff competition in the female senior section, successfully winning three bouts, to become UK National Champion. Danielle also won bronze in the female third dan black belt patterns section. Danielle has been training in taekwondo since the age of ten and regularly represents England in the World Taekwondo Championships.

**The Roller Trio, featuring York Music alumnus James Mainwaring**, has been recognised with a Peter Whittingham jazz award. The competition is widely recognised as a highly influential force within the jazz community, with winners receiving £4,000 and career guidance from the Musicians Union.

York's **@uniofyork twitter account** has topped the latest Sociagility UK University Twitter Influence Ranking of 1994 and Russell Group universities. Sociagility uses Klout, Peerindex and its own social media measurement and benchmarking methodology to compare the relative performance of different organisations. See the full league table at [www.cimhemig.co.uk/blog/?p=86](http://www.cimhemig.co.uk/blog/?p=86).

## Careers advice 'crucial' in encouraging greater science take-up

**M**ore pupils do physics and chemistry after the age of 16 in schools which provide a more comprehensive range of careers supervision and advice, according to new research by Professor Judith Bennett, Dr Gill Hampden-Thompson and Fred Lubben in the Department of Education.

They compared the take-up of physics and chemistry in four pairs of secondary schools across England in rural, semi-rural and urban locations, including six comprehensives and two all-girl grammar schools.

Professor Bennett said, "We found take-up was better where teachers were more heavily involved in careers advice and guidance and where pupils were able to experience science-based work placements.

"Schools with a high uptake were well networked with local employers and arranged for people working in the area of science to come in and talk to pupils. Pupils were also encouraged to set up science-based societies in school."

The research was commissioned by the Astra Zeneca Science Teaching Trust.

## Selby scientist celebrated

The University of York celebrated the 250th anniversary of the birth of Selby scientist Smithson Tennant with a series of public events.

Smithson Tennant discovered the elements of osmium and iridium and was known for his ability to enthuse his audiences to study science. He was holder of the 1703 Chair of Chemistry at the University of Cambridge, a Fellow of the Royal Society and winner of the Royal Society Copley Medal.

The scientist's legacy to science was celebrated with major public lectures organised by the University's Department of Chemistry and David Lewis, a Selby historian and former York chemist.

Professor Paul Walton and Martyn Poliakoff, Research Professor in Chemistry at

the University of Nottingham and anchor man behind the Periodic Table of Videos ([www.periodicvideos.com](http://www.periodicvideos.com)), gave lectures at an event attended by 240 members of the public including local schoolchildren and Selby Civic Society.

Scientists from Newcastle, Bradford, Hull, Leeds and Sheffield attended a second event coinciding with Smithson's anniversary on 30 November. Speakers included Professor Simon Duckett, Luisa de Cola of the University of Münster, and York graduate Anna Peacock, now a lecturer in Birmingham.

Dr Annie Hodgson also gave a lecture in Selby Town Hall, attended by students from Selby High School, Selby College and Smithson Tennant's alma mater, Beverley Grammar School.



Students from Archbishop Holgate's School, York enjoying the anniversary celebrations



## Emma inspires scientists of the future

A York student's research into cancer helped to inspire the scientists of the future during a recent primary school visit.

Emma Hesketh, a first year PhD student in the Department of Biology, visited Belmont Grosvenor School in Harrogate to thank parents and staff for raising £8,000 for Yorkshire Cancer Research and speak to children about her project.

Emma's three year PhD is funded by Yorkshire Cancer Research and supervised by Dawn Coverley and James Chong. Her research focuses on the mechanisms that control Mini-Chromosome Maintenance proteins, which are required to unwind DNA during cell growth. The results will be used to determine how this process is corrupted in some cells to make them cancerous.



Last term saw the opening of the new Students' Union bar, the Lounge, in the Roger Kirk Centre. The bar, which has a new entrance and signage, is proving to be a great success with clubs and societies. The new Student Centre is due to open in March

## A taste of success

Third year Economics student Amanda Nasim has put theory into practice by bringing a major frozen yogurt retailer to the UK.

Amanda discovered Tutti Frutti on a trip home to Malaysia. She said, "When I came back to England, I couldn't find Tutti Frutti and thought, why couldn't I bring it to London?" Her determination led to her flying alone to Los Angeles to pitch to more than 80 bidders at the company's international conference for the master licence to open Europe's first Tutti Frutti outlet.

Along with her brother and two friends, Amanda raised the capital to open Tutti Frutti's flagship UK store in Covent Garden in December.

As directors of Tutti Frutti United Kingdom, they plan to open at least 20 more outlets next year and hope to make Tutti Frutti the official frozen yogurt for the London Olympics.



Amanda at the opening of the London store

## Staging debate on genetic medicine

PhD student Kimberly Jamie is one of seven expert contributors to a theatre project aimed at Key Stage 4 schoolchildren which explores the issues raised by personalised genetic medicine. Kimberly's research project, based in the Science and Technology Studies Unit (SATSU), looks at the potential impacts of personalised genetic medicine on pharmacy practice in the UK as pharmacogenetics becomes a more routine part of patient healthcare. 'Dayglo', written by Abi Brown, is currently touring UK schools and will be performed at the Royal Albert Hall during the National Science and Engineering Week in March.

**To find out more about the project visit:**  
[www.theatreofdebate.com/Projects/Dayglo/Story.html](http://www.theatreofdebate.com/Projects/Dayglo/Story.html)

# ARCHAEOLOGY RESEARCH WINS ROYAL ACCOLADE

From its role in the investigations at Sutton Hoo and the unique Mesolithic settlement at Star Carr in North Yorkshire, to its cutting-edge developments in bioarchaeology, digital archaeology and the establishment of the national Archaeology Data Service, the University's Department of Archaeology has been at the forefront of significant advances in the discipline for many years.



Dr Nicky Milner at the Star Carr site near Scarborough

**N**ow the Department has won royal recognition for its achievements with the award last November of a Queen's Anniversary Prize for Higher and Further Education.

One of the most diverse archaeology departments in the UK, its research ranges from the origins of mankind to the archaeology of the contemporary past. Investigations into bioarchaeology have achieved innovations in DNA and biomolecular dating while the Department has also promoted British archaeological methods abroad, investigating early farmers and first towns in East Africa, and recovering evidence for early settlements on the coastal shelf of the Red Sea. York is among the largest undergraduate recruiters in the discipline and archaeology students regularly give top ratings to their department in NSS surveys.

Recent press coverage on research findings in the Department give just a flavour of the breadth of study undertaken by York archaeologists.

The Royal accolade is the fifth to be conferred on the University in 15 years. Queen's Anniversary Prizes were awarded to the University in 1996 for the excellence of its work in Computer Science, in 2005 for the pioneering work of CNAP (Centre for Novel Agricultural Products) in Biology, in 2008 for the contribution made by the Centre for Health Economics, and again in 2009 for the Social Policy Research Unit.



## Archaeology, ancient...

The Government has designated the early Mesolithic site at Star Carr near Scarborough a Scheduled Ancient Monument. The designation recognises the work by Dr Nicky Milner from York with archaeologists from the University of Manchester since 2004. The site has revealed an exceptionally rare survival of organic material and evidence of a house dating back to at least 9,000 BC. Star Carr is known for the great diversity of finds and archaeological features. Some of these, such as the spectacular deer antler head-dresses are now in the British Museum, while some, such as worked timbers, demonstrate the early use of stone tools for carpentry. Dr Milner has just secured funding of €1.5m from the European Research Council to take the research at Starr Carr a step further. She wants to establish how hunter-gatherers adapted to climatic and environmental change between 10,000 and 8,000 BC when the last global warming event occurred.

"The hunter-gatherers who lived during this postglacial period have been characterised as highly mobile, dispersed and living in small groups... Recent discoveries at Star Carr... offer a new picture; one in which hunter-gatherers move into a new territory but then settle down and invest time and effort into building huts and large-scale wooden structures with evidence for occupation that spans hundreds of years," she explains.

## And modern...

Evidence of much more recent human activity has been uncovered in a new study published in *Antiquity* by Dr John Schofield and independent researcher Dr Paul Graves-Brown. They have examined and recorded graffiti by the Sex Pistols discovered on the walls of a flat which the punk group rented in London in the mid-1970s.

Though some might consider it rude, offensive and uncomfortable, Dr Schofield



Could the Sex Pistols' graffiti bring about blue plaque status for their Denmark Street flat?

suggests that the graffiti – mainly by lead singer Johnny Rotten – may be of greater significance than the discovery of early Beatles recordings. He argues that they are as much a piece of art and worthy of archaeological investigation as the Palaeolithic cave paintings at Lascaux in southern France.

## Mummification resurrected

Dr Stephen Buckley and Dr Jo Fletcher spent nearly two decades uncovering the secrets of the mummification process used during the 18th dynasty 'Golden Age' of ancient Egypt.

They replicated the process using the body of Alan Billis, of Torquay, who volunteered after being diagnosed with terminal lung cancer. He died aged 61 in January 2011.

The York academics concluded that the Egyptian embalmers dried the bodies in a caustic solution of the salt, natron. But Dr Buckley used a trick, mentioned in Herodotus, to protect the body using a coating of natural ingredients, including sesame oil and beeswax.

After a month in the natron bath, the body was dried out in a special chamber to replicate the high temperature and low humidity of Egypt. Finally, it was wrapped with linen bandages to allow drying to continue, keep the limbs intact and keep out light and insects.

Since the completion of the three-month process, the mummy has been kept at the Sheffield Medico Legal Centre but will soon be moved to the Gordon Museum.

The research was the subject of a Channel 4 documentary *Mummifying Alan: Egypt's Last Secret*.

## Jaw bones and spotty horses

Two papers by researchers in the interdisciplinary Centre for Human Palaeoecology and Evolutionary Origins appeared in lists of last year's top ten science stories.

The *Guardian's Science review of 2011: the year's 10 biggest stories* cites a paper by Paul O'Higgins and Flora Gröning. It revealed that a jawbone fragment from Kents Cavern, Devon, extends the overlap of modern humans and Neanderthals by around 5,000 years.



Stone Age paintings in caves at Pech Merle, France

*Proceedings of the National Academy of the Sciences' Top 10 Stories of 2011* selected a paper by Terry O'Connor and Michi Hofreiter which argues that the famous Lascaux cave paintings of horses with spotty coats may have been realistic depictions than symbolic (as was previously thought). They discovered through DNA analysis that some prehistoric horses really were spotty.

## Archaeologists at work

A European photographic exhibition depicting the day-to-day work of archaeologists *Working in Archaeology*, runs until 6 March. It features photographs by Belgian photographer Pierre Buch and reflects the different and varied activities of modern archaeological practice. The exhibition opened at the UNESCO headquarters in Paris in November and will be shown across Europe this year.

Archaeologists help stone masons recreate carvings, following in the footsteps of their medieval predecessors, Stone Mason's Yard, York Minster



## FOCUS ON... Halifax College

As part of the University's ongoing investment in student facilities, members of Halifax College have benefited from a major refurbishment completed in a very short timescale.

The College, which lies in the southern corner of Heslington West, was opened in 2003 by the then Chancellor, Dame Janet Baker, and is named after Lord Halifax.

There are over 900 students living at Halifax College – undergraduate, postgraduate, international and students with families, in accommodation which is organised as houses and flats. This, together with its rural setting and local Costcutter shop, has helped the College create the feeling of a student village. Students also enjoy the sense of community and proximity to the local facilities in Heslington Village.



Provost Katy Mann-Benn

The refurbishment, which took place last summer from July to October, saw 708 bedrooms and 60 kitchens completely gutted and refitted. The Undergraduate Common Room JJ's was redecorated and a Postgraduate Common Room was created for the vibrant PG community.

Provost Katy Mann-Benn has been delighted with the new facilities and Campus Services has introduced a 'traffic light' incentive scheme with cash prizes to ensure that they don't deteriorate too fast. "It's much easier for our staff to clean if the kitchens have been given a good tidy-up beforehand. We have been very impressed by the fact that 50 per cent of the kitchens have had consistent green cards for the first term," she says.



Students like the neutral and tasteful décor which provides a good canvas for making their bedrooms individual



## INTERVIEW WITH...

# Michael Wood

Our fascination with tracing our roots is as strong as ever, says the historian.

Ask what is the UK's most popular leisure participation activity, and most people would suggest gardening or watching and playing football.

But writer and broadcaster Michael Wood's response to the same question is rather different. He says that the biggest single leisure participation activity in Britain is history.

Community involvement in the past, he insists, has increased dramatically over the last 15 years. He points to the 70 million museum visits a year and the burgeoning membership of the National Trust, English Heritage, history and archaeology groups and local societies, in support of his case. The attraction, he believes, is that engaging with the past is enlightening, entertaining and fun.

Wood was speaking during a visit to the University where he was the keynote speaker at the conference 'Archaeology and the Material Past in the Public Realm', organised by York's Institute for the Public Understanding of the Past (IPUP), with sponsorship from the Department of Archaeology and the York Archaeological Trust.

A filmmaker himself for three decades, Wood believes the size of the core audience for history programmes on television has grown, and he says that it is very important that IPUP is conducting research into how the public engage with the past.

"There are just lots more programmes now – and they all get big audiences. There's a huge interest and the most important single thing that's happening now is that people are realising that they can be involved, that they can actively participate in archaeology and history and heritage."

This is reflected by the fact that the majority of visitors to public records offices up and down the country are amateur genealogists researching their family history, their own local village or area. Community archaeology groups are also thriving. Wood says that surveys by English Heritage indicate that people want to know about their intimate roots, seen through the history of their families and the places in which they live, and they want to understand where and how those origins connect with our national narrative.



Michael Wood's BBC series *The Story of England* used the community history of a Leicestershire parish to show how ordinary people helped to shape some of the greatest events in our history

Wood believes our perception of those connections to the past is never static, both in personal and family terms. "Those narratives are always changing. They change for you as a person and for you as a family. You always re-think them as you grow older," he says.

Wood has first-hand knowledge of this popular hunger for a sense of the past, thanks to his recent BBC Two series *The Story of England* which used the community history of the village of Kibworth in Leicestershire to provide a unique perspective of the history of the nation.

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**"People are realising that they can actively participate in archaeology and history and heritage"**

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But this was not the bucolic Ambridge-like community with thatched cottages perhaps envisaged by the BBC commissioning editors. It was more utilitarian than chocolate box. But what Kibworth did have was a wealth of documents tracing its evolution from the 13th century to the present. It also had contemporary residents eager to engage with the idea of projecting the history of England through the prism of their community.

The BBC saw the reaction, both from the Kibworth locals in making the programme and from viewers across the rest of the UK. It was overwhelmingly positive.

"The BBC then said, 'Could you do more of the same, but could you do it all over the country, and can you do it by Spring 2012 – only bigger?'" Wood says. The resulting eight-hour series will be broadcast at peak time on the BBC just before our screens are taken over by coverage of the Queen's Diamond Jubilee, Olympic Games and the European Championships.

Using the Kibworth paradigm of community involvement, Wood's next series will focus on the 'compellingly interesting stories of ordinary people' across the UK. It will explore them against the background of the milestones of our history, such as the Reformation, the Civil War and the Industrial Revolution.

Wood says, "The narrative of how rights, which we now take for granted, were won by ordinary people gives us a perspective on the past, value to our present and a sense of our identity. IPUP's research on public engagement and the meaning of the past in the present is illuminating precisely because of these very connections. There is a huge public appetite for understanding how identity is shaped by the past in contemporary Britain, and I am very pleased to be here contributing to this conference, and to IPUP's work."

# 'CHEQUENOLOGY' OF THE FUTURE?

Controversial plans to abolish cheque clearing were announced by the UK Payments Council in 2009, to come into play in 2018. This target date was rescinded last July after pressure from consumer groups, small businesses and charities representing older people. But those who rely on using cheques for certain kinds of payments shouldn't breathe a sigh of relief, says Professor Andrew Monk. He believes that because cheques cost a lot more than electronic payment to process, it won't be long before this is reflected in bank charges. Professor Monk, who is Director of CUHtec, which investigates how new technologies can be adapted to help older and disabled people, is now leading a project to explore the possibilities of designing an electronic, hence cheaper, transaction that still has the properties of cheques that people value.

The UK Payments Council clearly learned a lot from the furor that followed the cheque withdrawal announcement. The 2011 National Payments Plan, released by UK Payments Council this October, states that it had always been the intention to prioritise the needs of 'older people, small businesses and the charitable and voluntary sector' when developing alternatives to cheques, and that many of the insights gained from consultation have been incorporated in the new National Payments Plan. This has a whole section on inclusion. But how might this inclusion be achieved? In the New Approaches to Banking for the Older Old project we have been working with people in their 80s to co-design new payment methods.

## Electronic banking does not need to be done via a computer or smart phone

The focus on cheques came from the 80 year olds who were working with us. They saw great value in cheques for certain kinds of payment such as donations, presents and paying small traders (see also Age UK's recent report 'The Way We Pay'). They also valued the flexibility inherent in the cheque, eg being able to simply write the name of the payee on the cheque rather than getting an account number. Many of them were meticulous record keepers and valued the paper record provided by the cheque book stub. Most of all they valued the experience of writing a cheque and the security they perceived in the way they are processed. They did not have



Electronic pen and cheque book – here the Anoto© pen senses what you write and transmits the information to the payment system

any problem with the need for trust inherent in a cheque-based transaction.

Electronic banking does not need to be done via a computer or smart phone. With our 80-year-old co-designers we devised a service where a familiar paper cheque is used to initiate a purely electronic transaction. One version of this service uses a free-standing electronic pen. To pay someone, one writes a cheque and the pen electronically transmits what you write to be processed. There is also no reason why this electronic financial transaction needs to be the responsibility of a bank and our co-designers suggested local

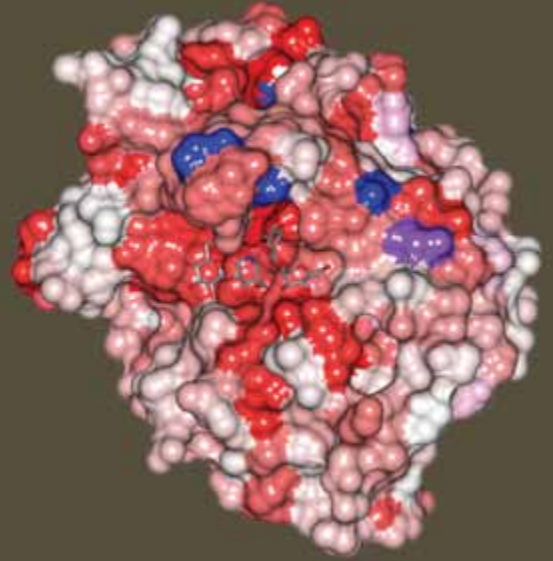
organisations who might take this on.

The larger lesson from this story is that we all need to listen carefully to what 80 and 90-year-olds have to say to us. They grew up in a time when financial practices were quite different to the ones we are used to now. The values and practices identified in this work are pertinent to all of us.

The New Approaches to Banking for the Older Old project involves the Universities of York, Newcastle and Northumbria and is funded by the Research Councils UK, Digital Economy Programme. See [www.cuhtec.org.uk/banking.php](http://www.cuhtec.org.uk/banking.php).



# DEADLY HITCHHIKERS UNMASKED



Research from York could bring us a step closer to developing drugs to combat deadly diseases like HIV and Hepatitis C which blight the lives of more than 180 million people worldwide.

The breakthrough was made by a team of international scientists led by Professor Gideon Davies of the Department of Chemistry at York and Associate Professor Spencer Williams from the University of Melbourne. Their research has significantly advanced our understanding of how these devastating viruses hitch a ride on a human enzyme to multiply and infect people.

The team has studied bacterial endomannosidase as a model for the same human enzyme and successfully determined the three-dimensional structure of the enzyme using state-of-the-art synchrotron technology.

Professor Davies said that knowing the structure of the enzyme revealed details on how viruses play biological 'piggy-back',

borrowing our cellular machinery to replicate and cause disease.

"If we understand how the viruses use our enzymes, we can develop inhibitors that block the pathway they require, opening the door to drug developments," he said.

In the past, the problem has been that this group of viruses including HIV, Hepatitis C, Dengue Fever and West Nile virus, are able to bypass the main pathway if inhibited and replicate via a second pathway using this enzyme. Thus for a treatment to be effective, both pathways need to be blocked.

"It was already known how to block the main pathway for these viruses but until now this endomannosidase bypass pathway has proved a considerable challenge to study," Professor Davies said.

Dr Williams said, "Combining international resources and expertise, we were able to determine the endomannosidase structure and this has revealed how we can block the bypass route, stopping the viruses from hijacking human enzymes."

Professor Davies added, "We hope that the work will lead beyond viruses and will point the way towards similar treatments for other diseases including cancer."

The research received funding support from the Biotechnology and Biosciences Research Council and the Australian Research Council.

The study is published in the Proceedings of the National Academy of Sciences (PNAS).



An HIV/AIDS victim in Mozambique

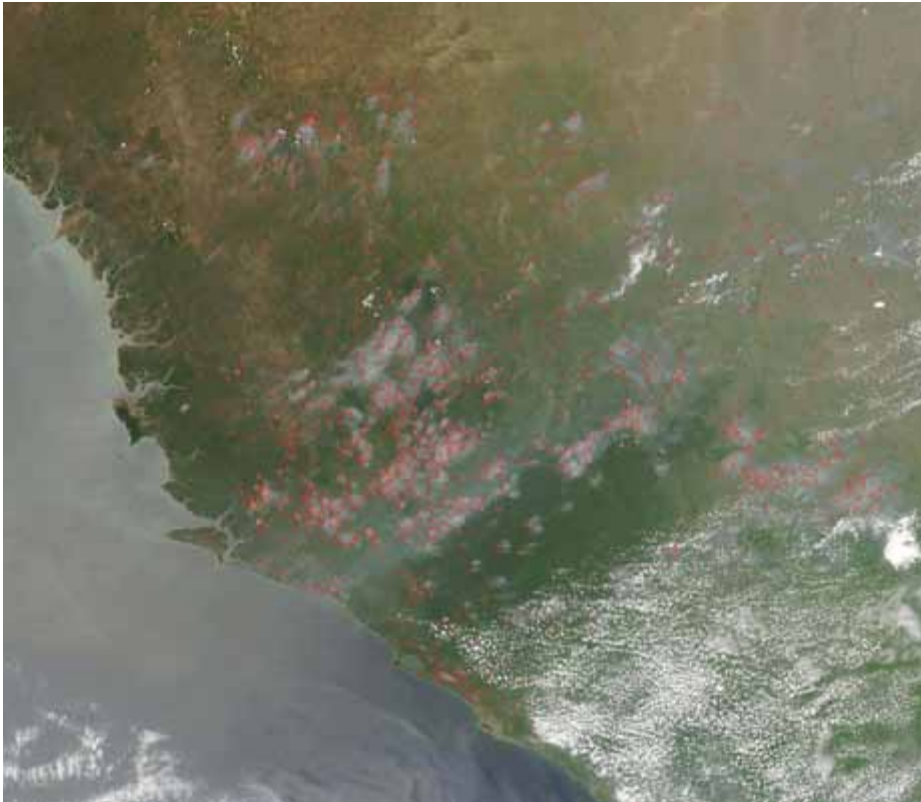
# WIN-WIN BENEFITS FOR HEALTH, CLIMATE AND ECONOMY

RESEARCHERS URGE CONTROLS ON BLACK CARBON AND  
METHANE PRODUCTION



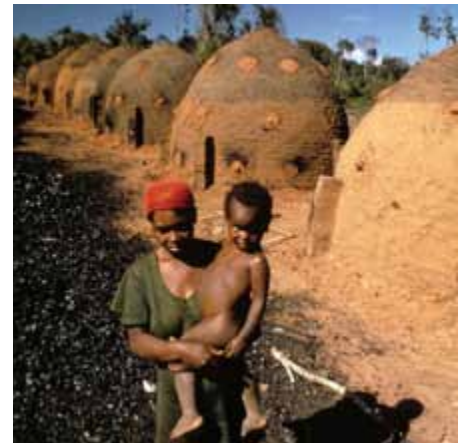
About 12 per cent of global methane emissions come from rice production because continuously flooded rice paddies offer an ideal environment for methane-generating bacteria. One solution: temporarily draining fields mid-season. Shindell's modeling team concluded that aerating the world's rice paddies more frequently could reduce human-caused methane emissions by about two per cent.

UN Photo/Kibae Park



Left: This satellite image shows scores of fires burning in Guinea, Sierra Leone and Liberia. Burning crop residue to clear land and fertilise the soil is a common practice around the globe, putting black carbon into the atmosphere. Shindell's team calculated that eliminating agricultural burning would reduce black carbon emissions by seven per cent and methane emissions by one per cent

Below: Traditional beehive-shaped coke ovens are still used to process coal in some parts of the world even though ovens that generate less pollution are available. Shindell's team found that upgrading all of the world's coke ovens would reduce total black carbon emissions three fold



**F**ourteen key air pollution control measures could slow the pace of global warming, save millions of lives and boost agricultural production according to researchers at the Stockholm Environment Institute (SEI) based at the University of York.

They have played a significant role in a new study by an international team, also including scientists from King's College London and the UK Centre for Ecology and Hydrology, which identifies 14 measures targeting methane and black carbon emissions that could slow global mean warming by approximately 0.5°C by 2050. The measures could also prevent between 700,000 and 4.7 million premature deaths each year and increase global crop yields by between 30 million and 135 million tonnes per season.

While all regions of the world would benefit, avoided warming is greatest in central and northern Asia, southern Africa and around the Mediterranean, total numbers of avoided premature deaths are greatest in Asia and Africa and the greatest total tonnage gains in crop production are estimated to occur in China, India and the US, followed by Pakistan and Brazil. Countries in South Asia and the Sahel region of Africa could see considerable reduction in the disruption of rainfall patterns.

The research published, in the journal *Science* was led by Drew Shindell of NASA's Goddard Institute for Space Studies in New York City.

"All 14 measures are based on existing

technologies and can be implemented immediately, so do not require long development processes. The measures maximise climate benefits but would also have important 'win-win' benefits for human health and agriculture," said Dr Johan Kuylenstierna, the Director of SEI at York.

Dr Kevin Hicks, also of SEI, added, "The motivation for taking action will vary from country to country and region to region. In some, climate change will be the main concern but in others air quality may well take precedence."

Co-author of the study, Professor Martin

**Black carbon**, a product of the incomplete combustion of fossil fuels or biomass such as wood or agricultural crop residues, damages human health by entering the lungs and exacerbating a number of respiratory diseases. It also absorbs radiation from the sun causing the atmosphere to warm and rainfall patterns to shift and it reduces the reflectivity of bright surfaces, such as ice and deserts, a process that hastens global warming.

**Methane** is a precursor to ground-level or lower atmosphere ozone, a component of health-sapping smog, and is also a potent greenhouse gas. Ground level ozone at current levels also damages plants and reduces agricultural yields in sensitive areas such as South Asia.

Williams from the Environmental Research Group at King's College London, added: "Measures taken now to reduce carbon dioxide emissions will not have any effect on the global climate for another 40 to 50 years. We have shown that there are things we can do to begin to mitigate the temperature increases already being seen."

"The combination of methane and black carbon measures along with substantial carbon dioxide emissions reductions has a high probability of limiting global mean warming to <2°C during the next 60 years, something which neither set of emissions reductions achieves on its own."

Black carbon and methane pollutants come from a wide variety of sources and the 14 measures identified by the study have all been successfully applied in different parts of the world.

For methane, the key strategies the scientists considered in their analysis were capturing gas that would otherwise escape from coal mines and oil rigs, reducing leakage from long-distance gas pipelines, preventing methane emissions in city landfills, updating city wastewater treatment plants, aerating rice paddies more frequently, and limiting emissions on farms from manure.

For black carbon, the strategies analysed include installing particle filters in diesel vehicles, keeping high-emitting vehicles off the road, upgrading cook stoves and boilers to cleaner burning types, installing more efficient kilns for brick production, upgrading coke ovens and banning agricultural burning.

## IN MEMORIAM...

### Professor Jacques Berthoud

Professor Jacques Berthoud, who died on 29 October 2011, was head of the Department of English and Related Literature from 1980 to 1997 and the University's Deputy Vice-Chancellor from 1987 to 1990.

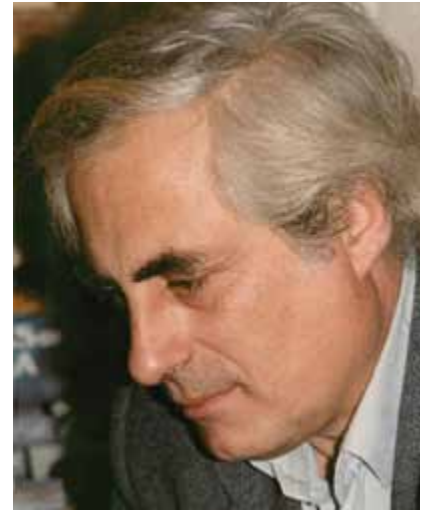
A native of French-speaking Switzerland, at the age of three his father's calling as a missionary took the family to South Africa where Jacques learned English at a local mission school, graduating in English from the University of the Witwatersrand in 1958. After lecturing at the University of Pietermaritzburg he returned to the UK to the University of Southampton, teaching there until he took up his chair at York in 1980. Bilingual in English and French, he was a natural head of a department that combined the study of English with other European literatures, a distinctive practice which gained national recognition and which he promoted enthusiastically until his retirement in 2002.

His research interests lay in early modern fiction and the English Renaissance, the principal fruits of which were his monograph *Joseph Conrad: the Major Phase* (Cambridge, 1978) as

well as editions of six novels by Conrad and of works by Shakespeare and Trollope. But he also wrote widely on other topics: South African writing, philosophical approaches to literature, and more. Colleagues recall his energising presence, the instinctive generosity that marked his relations with everyone, his vigorous advocacy for the Department and the Humanities in general at a time of financial stringency, and his determination to keep the subject's highest ideals at the top of the agenda.

As a teacher he was inspiring and unapologetically high-minded, taking particular pleasure in introducing undergraduates to the great literary masterpieces — urging them to read the First Book of Spenser's *Faerie Queene* on Christmas Day, opening his students' eyes to 'the majestic qualities' of Racine's tragedies. Shrewd and exigent as a postgraduate supervisor, he was also unstintingly generous with his time and attention. For his outstanding professional contribution — commemorated in the annual Jacques Berthoud lecture and the Jacques Berthoud prize for a long essay — he is remembered with admiration and gratitude.

And also with affection. Jacques



was superb company, an exuberant conversationalist, mentally agile, trenchant and witty, drawing easily on a remarkable fund of experience and reading. His startling burst of appreciative laughter and the creative panache with which he spoke the English language remain unforgettable; so do his lyrical account of the first sip from an old bottle of Château Palmer, and the hospitality that he and Astrid so gladly and liberally provided to colleagues and students alike.

Jack Donovan, Department of English  
1973–2008

### Roger McMeeking

The University has been blessed over the years with a succession of fine administrators. One of these was Roger McMeeking who died last November.

After a short spell at the Institute of Physics, Roger came to York as Administrative Assistant in the Bursar's Department, becoming Bursar in 1980,



the senior administrator with responsibilities for the University estate and the building programme, a wide range of campus services and for a large number of staff. When he retired in 1997 he had been involved in virtually every building project since the University's foundation.

He arrived in the second year of the University when the teaching and research were mainly in Heslington Hall, the King's Manor and Micklegate. The first science students were to arrive in October 1965 and the first laboratories, Chemistry, were being built. One of Roger's first jobs was to look after the commissioning of all the new buildings and act as the conduit between the University, the architects and builders, a crucial role which he fulfilled many times subsequently.

His grasp of detail never left him and nor did his vision for the University. He saw his work as enabling, to ensure that academic staff could work in the most effective way possible. He also had a deep concern for students which was visible in his role as the first Deputy Provost of Wentworth.

Roger was a driving force behind the development of the Science Park, leading the negotiations that brought the national Research Centre of Smith and Nephew, with enormous benefits for the science departments whose successful birth nearly 40 years earlier he had enabled.

His expertise continued to be used to great effect when, after his retirement, he threw himself into the affairs of the city. Amongst the many who benefited was the York Civic Trust where as a member of the Planning Committee, his deep knowledge and command of the various national and local planning frameworks were enormously valued. As a Trustee of the National Centre for Early Music he made a crucial contribution to the restoration of St Margaret's Church. Its Director commented that 'he would never let you make a mistake or forget something that would later prove to be a vital clue in any project'. Those words will resonate with everyone who had dealings with this dedicated man to whom the University owes so much.

## AT THE CHALK FACE

### Applied Human Rights, Centre for

Professor Paul Gready led a successful bid for 'Translating freedom', an AHRC network grant bringing together York academics from the Centre for Applied Human Rights, the Institute for the Public Understanding of the Past, and the Departments of Archaeology, English, Politics and Sociology, with academics, practitioners and artists in Egypt, Northern Ireland, Rwanda and South Africa.

### Archaeology

Professor Geoff Bailey organised, chaired and gave presentations at meetings of the Submerged Prehistoric Archaeology and Landscapes of the Continental Shelf European research network in Edinburgh and Zadar, Croatia. He also gave the opening presentation at a UNESCO International Scientific Colloquium on factors impacting underwater cultural heritage in Brussels.

### Biology

Professor Henry Leese gave a talk on early embryo metabolism and culture media at a meeting of the Scottish Fertility Society, Perth.

Dr Liz Rylott chaired a session and gave a talk on 'Physiological and genetic responses of Arabidopsis to gold' at the International Phytotechnology Society annual conference, Portland, Oregon.

Professor Neil Bruce gave a talk on 'The use of plants to contain and degrade energetic materials on military ranges' at the SERDP and ESTCP Partners in Environmental Technology technical symposium and workshop, Washington DC.

Professor Jenny Southgate was invited to give a talk on bladder replacement at the Bristol Urological Institute's annual scientific meeting.

Members of the Jack Birch Unit gave a tour of their lab to the Ladies Circle, a group of local people who help raise money for York Against Cancer.

Stacey Meyer, from the University of Waikato, New Zealand, briefly joined the Department's team of technical staff as part of the York Link Award.

### Chemistry

Professor James Clark gave plenary lectures at the Korean Green Chemistry conference in Seoul and at the Day of Chemicals celebration at the Danish National Gallery.

Professor Duncan Bruce presented a plenary lecture on 'The preparation of functional N-Heterocycles and their application in materials chemistry' at the International Congress on Organic Chemistry in Kazan, Russia. His group also hosted Mumtazah Maridi as a visitor from the University of Malaya, Kuala Lumpur. Professor Bruce and Linda McAllister attended an IUPAC-sponsored workshop on 'Categorising halogen bonding and other noncovalent interactions involving halogen atoms' in Sigüenza, Spain. Professor Bruce presented an invited paper outlining ideas about kinetic lability in halogen bonding and Linda presented a poster on the theoretical aspects of her PhD work with Professor Bruce and Dr Peter Karadakov.

Professor Jane Thomas-Oates gave a featured talk on 'Palaeoproteomics: When archaeology meets mass spectrometry' at the International Symposium on Enabling Technologies in the Life Sciences Atlantic Conference, Boston.

Professor Simon Duckett gave talks at the Wellcome Trust's Next Generation Brain Imaging Technologies meeting in London, and at the

University of Sussex.

Professor John Goodby, Professor Peter Raynes, Dr Stephen Cowling and Dr Isabel Saez have been awarded a research grant by the EPSRC for 'Self-organisation and self-assembly in aliphatic based liquid crystals'.

### Computer Science

Professor Helen Petrie and Dr Chris Power gave joint presentations on 'Making digital media accessible' at the Metropolitan Museum of Art, New York; 'Widening audiences: addressing the needs and preferences of audiences with disabilities and older adults' at the Museum Computer Network Conference, Atlanta; and 'A framework for inclusive design in museums' at the Smithsonian Museum, Washington DC.

Dr Leandro Soares Indrusiak gave one of the keynote talks on a simulation model he has developed for a Network-on-Chip architecture and a tutorial on using UML and its extensions to model and validate multiprocessor embedded systems at the International Symposium on System-on-Chip in Tampere, Finland.

### Economics

Professor Keith Hartley was the keynote speaker at a workshop on measuring defence output held at the Canadian Department of Defence, Ottawa. He also presented a paper on 'The economics of military cooperation' to a meeting of a NATO Technical Working Group examining military cooperation in NATO held at the Ministry of Defence, London.

### Education

Dr Sarah Olive has been elected as a trustee of the British Shakespeare Association and appointed editor of their new publication *Teaching Shakespeare*.

Professor Chris Kyriacou presented a paper on 'The social pedagogic mentoring of troubled pupils' at a meeting of the European Network for Research on Social Pedagogy at the Institute of Education, University of London.

Professor Ian Davies, Dr Benedetta Bassetti, Dr Paul Roberts and Dr Vanita Sundaram presented work on migration, diversity, language learning and education at the Vice-Chancellor's Interdisciplinary Seminar.

Dr Vanita Sundaram gave an invited talk on 'Violence, young people and gender' at the University of Lancaster's Centre for Social Justice and Well-being. Dr Sundaram, Professor Ian Davies, Dr Gillian Hampden Thompson and Dr Maria Tsouroufli together with Dr Pippa Lord and Dr Jen Jeffes (both of the National Foundation for Educational Research) have published a report for the Creating Citizenship Communities project based on a national survey of schools.

Professor Ian Davies with Brian Loader, Professor Mike Savage and Dr Laurie Hanquinet (Sociology) presented a paper on 'Social media and the cultural engagement of young citizens' at a workshop on digital literacy and democratic engagement at the University of Stockholm, Sweden. Professor Davies also chaired the Society for Educational Studies book prizes committee.

Dr Tony Breslin led a seminar on 'From Broken Britain to Big Society and back again: What stance should the citizenship education and community cohesion communities take in light of the 'riots' of summer 2011?' in the Centre for Research on Education and Social Justice.

Dr Elizabeth Swinbank was an invited keynote

speaker on 'Teaching physics in context' and co-presented a discussion session on developing context-based materials for physics teaching at the New Zealand Institute of Physics conference, Victoria University.

Dr Ian Abrahams and Dr Martin Braund published *Performing Science: Teaching Chemistry, Physics and Biology through Drama* (Continuum Publishing Corporation, 2011).

Professor Robin Millar gave an invited keynote lecture on 'Inquiry-based science education: A path to follow, or a cul-de-sac?' at the MONA Conference, Copenhagen. He also gave a keynote lecture on 'Making practical work more effective' at the Association for Science Education Midlands Region conference, University of Birmingham.

### Effective Education, Institute for

Professor Kathleen Kiernan presented 'What matters for child well-being in the early years: Evidence from the Millennium Cohort Study' to the Department of Health and Royal College of Paediatrics and Child Health meeting on 'Children's public health in the foundation years (pregnancy to 5 years): A professional update'.

### Electronics

Professor Andy Tyrrell and Dr Martin Trefzer presented a paper on 'A programmable analogue and digital array for bio-inspired electronic design optimisation at nano-scale silicon technology nodes' and Professor Tyrrell organised and chaired a special session on 'Adaptive and evolvable architectures' at the IEEE Asilomar Conference on Signals, Systems and Computers, California.

At the Institut de Recherche et Coordination Acoustique/Musique, Paris, Dr Jez Wells presented research that compared the performance of different analysis methods for the directional segmentation of stereo audio signals and Dr Damian Murphy unveiled plans for DAFx12.

### English and Related Literature

Professor John Barrell gave the Richard McDougall Lecture on Watercolour on 'The Landscapes of Edward Pugh' at the Courtauld Institute of Art.

Dr Emma Major published *Madam Britannia: Women, Church, and Nation 1712-1812* (Oxford University Press, 2011).

Professor Bill Sherman gave public lectures at NYU's Institute of Fine Arts and the Toronto Centre for the Book, a seminar at the USC/Huntington Library Early Modern Studies Institute, and a plenary paper for a Princeton conference on 'Learning, literature and science in the early modern world'.

Emeritus Professor S A J Bradley gave the annual John Kemble Lecture in Anglo-Saxon Studies on 'Kemble's encounters with Grundtvig in the context of the 19th-century international reception of Anglo-Saxondom', at Trinity College, Dublin.

Professor Linne Mooney gave a public lecture on 'The Clerks of the Guildhall 1380-1430' at the Guildhall, London.

Dr Anna Bernard gave a paper on 'Nation, narration and Israel/Palestine: Toward a relational literary history' at the Humanities Research Seminar, University of Lincoln.

### Environment

Dr Murray Rudd delivered the keynote on 'Salmon in a changing climate' at a conference in Portland, Oregon. He also published an article on 'Scientists' opinions on the global status and management of biological diversity' in *Conservation Biology* which drew extensive international media coverage.

The Biodiversity Synthesis Centre at the Field Museum Chicago hosted an IUCN Red List workshop on behalf of the Department to assess threats to over 630 species of cone snails. The workshop was funded by EOL and IUCN Global Marine Species Assessment.

#### Health Economics, Centre for

Dr Richard Cookson and Dr Susan Griffin were invited to talk on 'Incorporating concern for health inequality into cost effectiveness analysis' at a meeting of the Department of Health EU Equity Action project.

Professor Andrew Street gave the plenary address at the Patient Classification Systems international conference, Montreal, and a presentation about the ability of DRG systems to explain variations in resource consumption at the EuroDRG conference, Berlin. He was also appointed to the Board of the Research Council of Norway's Health and Care Services and to the National Institute for Health Research's Health Services and Delivery Research Commissioning Board.

Dr Adriana Castelli gave a seminar on 'Measuring NHS outputs, inputs and productivity' at the Institut de Recherche et Documentation en Economie de la Santé, Paris.

Professor Mark Sculpher, Professor Karl Claxton, Dr Bernard van den Berg, Dr Susan Griffin, Dr Eldon Spackman, Dr Claire McKenna and Simon Walker were invited to take part in a series of workshops to update the *Guide to the Methods of Technology Appraisal* used by the National Institute for Health and Clinical Excellence (NICE).

Dr Rowena Jacobs gave an invited seminar, based on a joint paper with Dr Rossella Verzulli and Professor Maria Goddard, on 'Do hospitals respond to greater autonomy? Evidence on Foundation Trusts' at the Centre for Health Service Economics and Organisation, Nuffield College. Dr Jacobs also gave a presentation on 'PROMS, PbR and public policy' at a workshop for outcome measurement in mental health, Leeds.

Laura Bojke and Marta Soares gave a course on generating and using elicited evidence for decision models at the Conference of Health Economics, Lisbon.

Dr Eugenio Zucchelli presented the paper 'Do smoking bans have an impact on active smoking? A model with evidence from a policy experiment in the UK', co-authored with Professor Andrew Jones, Professor Nigel Rice and Professor Audrey Laporte (University of Toronto) at the Italian Health Economics Association conference, Naples. At the same conference, Dr Rossella Verzulli gave a presentation on 'Do hospitals respond to greater autonomy? Evidence on foundation trusts'.

Professor Mark Sculpher contributed papers on the methods of assessing the value of diagnostic technologies and the role of multi-criteria decision analysis in health technology appraisal at the International Society of Pharmacoeconomics and Outcomes Research, Madrid.

PhD student Manuel Espinoza won the prize for best student podium presentation for his paper at the International Society for Pharmacoeconomics and Outcomes Research European Congress, Madrid.

#### Health Sciences

Dr Seda Erdem presented papers on 'Trust in institutions about nanotechnology: an application of the best-worst scaling technique' at the Agricultural Economics Society of Ireland, Dublin; and 'Using a discrete choice experiment to elicit consumers' WTP for health risk reductions achieved by nanotechnology in the UK' at the Agricultural

Economics Society Conference, Warwick.

Dr Liz Hughes chaired a symposium on 'UK response to dual diagnosis' and presented a paper on dual diagnosis training trials at the International Conference on Dual Disorders, Barcelona. She presented three papers at the RCN International Network of Psychiatric Nursing Research Conference at Keble College, Oxford. Dr Hughes and Professor Simon Gilbody have won funding for a study to evaluate the Improving Access to Psychological Therapies service for military veterans and adult dependents at Catterick Garrison.

Dr Rob Newton gave a public lecture entitled 'Infections and cancer: A brief history' at York.

Professor Martin Bland, in collaboration with Belfast University, has been successful with a bid to NIHR PHR to evaluate the Roots of Empathy schools-based programme for improving social and emotional well-being outcomes among eight to nine year olds in Northern Ireland.

Professor Ian Watt, with University of Leeds, has been awarded an NIHR Programme Grant to look into targeted and sustainable implementation of high impact clinical practice recommendations in general practice.

Steve Parrott, with the University of Birmingham, has been successful with a bid to NIHR HTA known as pre-loading, a randomised trial of nicotine patch versus placebo patch.

Professors Hilary Graham, Karl Atkin and Una MacLeod (HYMS) have won a bid to CRUK – NAEDI for a study looking into the understanding of cancer symptoms and healthcare interactions amongst smokers.

Dr Debra Howell has been awarded funding by CRUK – NAEDI, with Dr Alex Smith, Professor Eve Roman, Professor MacLeod and Dr Andrew Jack. She will look into the patient pathway and promoting early diagnosis lymphoma and myeloma.

#### History of Art

Dr Jason Edwards gave a paper on 'Packing William Etty: Nymph with sleeping satyrs (1828)' at the William Etty symposium, York Art Gallery.

#### Housing Policy, Centre for

Karen Croucher was an invited contributor to a three-day workshop on 'New housing models for people with dementia towards the end-of-life' at the European Science Foundation's Social Sciences Research Programme, Vienna.

Professor Becky Tunstall spoke on 'A job in itself: Looking for work in today's labour market' at the CASE Welfare Policy and Analysis Seminar at the London School of Economics.

Nicholas Pleace attended a meeting of the European Observatory on Homelessness Research Team, Lisbon.

Dr Mark Bevan gave a presentation on 'Violence against women and girls. Refuge provision in London: a review of provision and commissioning options' at the Greater London Authority on Refuge Provision.

#### Hull York Medical School

Paul Kaye visited institutions in India to give lectures on recent advances in leishmaniasis research and vaccine development. He was also an invited speaker at the Indian Council of Medical Research 100th year celebration conference, at the Rajendra Memorial Research Institute, Patna.

#### Language and Linguistic Science

In the Netherlands, Dr Bernadette Plunkett and Natalia Pavlou gave a talk on the 'Acquisition of ambiguous questions in French and Cypriot Greek'

at the Going Romance seminar in Utrecht. Dr Plunkett also gave a talk on the 'Productivity of inversion in spoken French' at the University of Nijmegen.

As members of the Bayesian Biometrics for Forensics network, Natalie Fecher, Professor Paul Foulkes, Professor Peter French, Erica Gold, Philip Harrison and Dr Dominic Watt attended a winter school hosted by the Dalle Molle Institute for Perceptual Artificial Intelligence in Martigny, Switzerland. Research from the Accent and Identity on the Scottish-English Border project by Dr Watt, Dr Carmen Llamas, and Professor Gerry Docherty (Newcastle) was presented at the r'atics-3 workshop in Bozen-Bolzano, Italy.

#### Management

Dr Kim Loader presented a paper on 'Is public procurement a successful small business support policy? A review of the evidence' at the ISBE Sustainable Futures: Enterprising Landscapes and Communities conference, Sheffield.

Professor Andrew Pendleton gave a presentation on the effects of incentive payment schemes at the Employee Ownership Association annual conference at the National Exhibition Centre, Birmingham. He was also a Visiting Professor at the School of Management and Labor Relations at Rutgers University, USA.

Jo North, Managing Director of The Big Bang Partnership, a management consultancy firm, gave a lecture to masters students on creativity in the workspace.

Dr Dave Richards, Managing Director of Vivergo Fuels gave a lecture to postgraduate students on the energy challenges facing businesses.

Students Aneeb Bani, Andrew Broughton, Vita Spoka, Dominic Safarian and Chris Rigby reached the regional semi-finals of this year's IBM Universities Business Challenge.

#### Music

Dr Thomas Simaku's String Quartet No 4 was performed by Quatuor Diotima at the Huddersfield Contemporary Music Festival and broadcast on BBC Radio 3 *Hear and Now*.

#### Physics

The York Plasma Institute hosted a meeting of the International Tokamak Physics Activity pedestal group. Dr Ben Dudson gave a presentation on 'Nonlinear ELM crash dynamics in BOUT++', Dr Roddy Vann presented recent results on 'Measuring the edge current density on MAST by imaging EBW emission' and PhD student David Dickinson presented an 'Update on gyrokinetic results for the MAST pedestal'.

Dr Kieran Gibson, Professor Howard Wilson and Tom O'Gorman attended a meeting on magnetic confinement fusion at Postech University, Pohang, South Korea and visited K-Star at the National Fusion Research Institute in Daejeon, South Korea.

Dr Matt Probert co-organised a High Performance Computing Autumn Academy in Cambridge, funded by EPSRCA and taught 'performance programming' during the course.

Dr Deborah O'Connell led the Working Group on Plasma Sources for Biomedical Applications European COST Action on 'Biomedical applications of atmospheric pressure plasma technology'.

Professor Timo Gans, Arthur Greb, Dr Kari Niemi, and Dr Deborah O'Connell co-organised this year's International Conference on Phenomena in Ionized Gases, Belfast.

Dr Yvette Hancock's physics pantomime *Ellie the Electron and the Quantum Circus* played to a

full house at Manchester's Museum of Science and Industry, as part of the Manchester Science Festival.

Dr John Pasley visited the Bhabha Atomic Research Centre and the Tata Institute for Fundamental Research in India.

Dr Irene D'Amico has been appointed Non-Executive Director at the Institute of Physics Publishing.

At the European Theoretical Spectroscopy Facility Workshop on Electronic Excitations in Turin, Italy, James Ramsden gave a talk on his research on time-dependent density-functional theory and Professor Rex Godby chaired two ETSF steering committee meetings. Professor Godby also gave two invited lectures on theoretical spectroscopy at the ICTP Advanced School on Computational Materials Science for Energy and Environmental Applications, Sao Paulo, Brazil.

Dr Jing Wu attended a workshop on Science with Free-Electron Lasers at the Shanghai Institute of Applied Physics (SINAP). Dr Wu also gave invited seminars on ultrafast spin dynamics in magnetic materials and devices in South East University, Nanjing, China.

Arthur Greb gave an invited talk on 'Modelling the surface conditions for metastable oxygen destruction in a low pressure oxygen capacitively coupled plasma system' at the Intel European Research and Innovation Conference, Leixlip, Ireland.

#### Politics

Dr Adrian Leftwich gave a lecture on 'Leaders, elites and coalitions in development: The research evidence' at the University of Birmingham. He gave a lecture at AusAID's Pacific Heads of Office in Canberra and talked to an all-staff seminar on 'Politics, development and leadership: What have we learned and what do we still have to learn'. He worked with the research division of Transparency International in Berlin to identify positive outlier cases of successful reduction in corruption.

Dr Tim Stanton gave talks on freedom of conscience as a human right at Lund University, Sweden, and on democracy in the 20th century at the European University Institute. He was also appointed Skinner-Balzan Fellow in Modern Intellectual History since 1500 at the University of Cambridge.

Dr Chris Wylde gave a talk on meta-theoretical interpretations of the post crisis political economy of Argentina 2003/07 at the Conference on New Directions in the Humanities, University of Granada.

Dr Carole Spary participated in a conference at the House of Lords/British Library.

Dr Audra Mitchell gave a paper on 'Be(coming) international: Authenticity in applied international studies' at the Millennium Conference, LSE. She co-edited a new volume with Dr Oliver Richmond (St Andrews) titled *Hybrid Forms of Peace: From Everyday Agent to Post-Liberalism* (Palgrave, 2011).

Dr Adam White's book *The Politics of Private Security: Regulation, Reform, and Re-Legitimation* (Palgrave, 2010) was runner up in the British Society for Criminology's annual book prize.

Dr Matthew Johnson joined the Department on a British Academy Post-doctoral Fellowship.

Professor Werner Bonefeld gave a talk on the critical theory of modern anti-semitism at the European Sociological Association, Geneva. He published *State, Capital and Class: On Negation and Subversive Reason* (Galmuri, 2011) in Korean and a volume in German about Marx's Capital and Critical Theory, entitled *Kapital & Kritik* (VSA, 2011), edited with Michael Heinrich.

Dr Sofia Vasilopoulou has co-edited a new volume with Dr Daphne Halikiopoulou (LSE) titled

*Nationalism and Globalisation: Conflicting or Complementary?* (Routledge, 2011)

Dr Felicity Matthews co-authored a blog for the LSE politics and policy forum titled 'Public appointments are still "male, pale and stale"'

Dr Louise Haagh formed part of a task force on economic security, democracy and social justice in a volatile world, under the American Political Science Association President-elect, Carole Pateman,

Dr Martin O'Neill was awarded a British Academy/Leverhulme Senior Research Fellowship to work on fairness and financial institutions.

Professor Sultan Barakat won a grant from UNICEF to study Disaster Risk Reduction in the Education Sector in ESAR (jointly with the Institute for Effective Education). He is also leading a British Council project 'Out in the open: Artistic practices and social change in Egypt, Jordan, Morocco and Tunisia' with Dr Luisa Gandolfo. Professor Barakat was awarded a Gold Award for Internationalisation at the Vice-Chancellor's Awards for Outstanding Achievement.

#### Social Policy Research Unit

Anne Corden, Professor Roy Sainsbury and Dr Mairi Harper organised and ran a conference in London on 'Bereavement issues in the context of health and well-being in the workplace' on behalf of Dame Carol Black, National Director for Health and Work.

Anne Corden gave an invited presentation on 'Financial implications of death of a life partner' at 'Contemporary research and practice in bereavement and bereavement care', Robert Gordon University, Aberdeen.

Professor Sainsbury gave oral evidence as a witness to the House of Commons Select Committee on Work and Pensions for its inquiry into the proposal to replace Disability Living Allowance with Personal Independence Payments.

Professor Nina Biehal gave oral evidence as a witness to the House of Commons Select Committee on Education for its inquiry into child protection. She also gave a keynote presentation on 'Permanence, progress and belonging in long-term foster care' at 'Fostering in today's world - permanency, progress and belonging' organised by the Daughters of Charity Child and Family Service, Dublin.

Professor Caroline Glendinning gave the Marjorie Coote Memorial Lecture on 'Fairer funding for long-term care: International perspectives on the Dilnot Commission's report' at the Sheffield Institute for Studies on Ageing, University of Sheffield. She gave a keynote presentation on 'People with disabilities making choices about their services and support' at the National Disability Conference, Dublin.

Professor Gillian Parker gave an invited presentation on 'Drawing on the evidence for integrated working: caring for people with long term conditions' at 'Integration or fragmentation? Looking at the evidence and making sense of the reforms' organised by the NHS Confederation and the National Institute for Health Research Service Delivery and Organisation Network, London.

#### Social Policy and Social Work

Ellen Roberts gave a keynote speech at a conference on distance learning for the civil service, Chinese Academy of Governance, Beijing.

Professor Kathleen Kiernan gave a keynote address on 'Fragile families beyond divorce' at the divorce conference held at the Dondena Centre for Research on Social Dynamics, Bocconi University, Milan. She also presented a paper on 'What matters for child well-being the early years: Evidence from the Millennium Cohort Study?' to the Department of Health and Royal College of Paediatrics and Child

Health meeting.

Professor Jonathan Bradshaw presented papers on 'Lone parents in comparative perspective' at the Tiifamo International Symposium on Lone Parent Families, University of Barcelona and 'The subjective well-being and mental health of children' at the 'All well in the welfare state: Mental well-being and the politics of happiness' NORDWEL conference, Helsinki.

Dr Christine Skinner was invited by Maria Miller MP, the Minister for Disabled People, to join a steering group to provide expert advice to government on developing a proposition for an integrated support service for separating and separated families.

#### Sociology

Professor Celia Kitzinger was visiting scholar at the Yale/Hastings Interdisciplinary Bioethics Center where she gave a seminar on family experiences of decision-making after brain injury and a talk on withdrawal/withholding of life-prolonging treatments. Professor Kitzinger also spent a month on a writing residency at the Rockefeller Foundation villa in Bellagio, Italy, where she gave a talk on 'Coma, consciousness and culture'.

During a three-month sabbatical in the Department Professor Johannes Hjelbrekke (Bergen, Norway) led a short course on multiple correspondence analysis.

Iwona Machoczek (Technical University Darmstadt, Germany) whose research concerns umbilical cord banking visited SATSU.

#### York Health Economics Consortium (YHEC)

Professor John Hutton took part in a panel discussion on 'Nutrition Economics: Food as an ally for public health' at the European Nutrition meeting, Madrid. With Martyn Burke he co-presented a poster on 'Cost-effectiveness analysis of epidural patient controlled IV morphine and continuous wound infusion' at the same conference. He addressed a meeting of the Romanian Respiratory Medicine Society on 'The economic impact of COPD' in Bucharest.

At the ISPOR Conference in Madrid: Professor Hutton chaired a satellite workshop on 'Improving health technology decision-making' organised by Pfizer; Martyn Burke and Professor Hutton co-presented a poster on 'Cost-effectiveness analysis of epidural patient controlled IV morphine and continuous wound infusion'; Dr Adam Smith and Dr Matthew Taylor presented a poster on 'Methodological limitations of patient-reported outcome measures (Proms) in oncology: A meta-review'; Dr Taylor presented a poster on 'The use of parametric survival analysis to predict progression free and overall survival of newly diagnosed chronic myeloid leukemia (CML) patients'; Dr Taylor and Lily Lewis presented a poster on 'An economic analysis of the impact of crime and hospitalisation associated with different interventions for opioid abuse in the United Kingdom'; and Joyce Craig and Ruth Shenton presented a poster on 'An economic evaluation of the HeartWare ventricular assist device in the NHS'.

Martyn Burke, Ruth Shenton and Dr Taylor published 'The economics of screening infants at risk of hearing impairment: An international analysis' in *The International Journal of Pediatric Otorhinolaryngology*.

Dr Taylor presented at the Wounds UK annual conference in Harrogate.

Julie Glanville presented an update of the MRC-funded project on search filter performance at the NICE Joint Information Day, London.

# Drugs down the drain

Impacts of pharmaceuticals in the natural environment



Professor Alistair Boxall collecting water samples for analysis

## The Merchant Adventurers' Science Discovery Lecture

PROFESSOR ALISTAIR BOXALL, Environment Department

7.00pm on Thursday, 22 March 2012

THE MERCHANT ADVENTURERS' HALL, FOSSGATE, YORK

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