

UNIVERSITY *of York*

Summer 2014

magazine



**A new era
for Chemistry
at York**

THE WORLD
UNIVERSITY
RANKINGS
WORLD TOP 100

MESSAGE FROM...

The Vice-Chancellor

As the Autumn Term approaches, it is a good time to say a heartfelt thank you to everyone in the University. We have had a very productive and successful academic year. We have taught more students, submitted more grant applications, and produced more top-quality articles and books than ever before. We have completed and submitted our REF return. The campus has continued to develop, with many projects still underway. We have only been able to do this (and a great deal more) thanks to the hard work of everybody in the University. Not all of that work is particularly glamorous, and much of it rarely gets the explicit recognition it deserves. I want to say that we do not take your extra efforts for granted, and I thank you all for your contribution to the University.

In the past few weeks, I have been reading and digesting the feedback we received on the University Strategy consultation document. I was overwhelmed by the large number of responses and by the incredible wealth of

ideas and suggestions that were offered – there is a lot to think about. Of course, there is disagreement on many issues (although perhaps less than one might expect), but the enthusiasm with which you have engaged with the consultation and the nature of your responses show that many of us care passionately about the University and its future. It is also clear that the University community is ready to make the changes that are needed to address some of the challenges ahead. But most importantly, there is a great sense of optimism about the University and what it can achieve in the next few years. I share that optimism. With the Senior Management Group, I will continue to discuss how your ideas, concerns and views can best be reflected in the final version of the strategy, so that we can start preparing for its implementation. I really look forward to working with you all in the new academic year.

Professor Koen Lamberts



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Cover photo:
 The Department of Chemistry's
 £10m flagship teaching and
 research building will open on
 5 September
 See page 18

Velodrome gears up for action



Gary Verity takes to the track with local cyclists

Welcome to Yorkshire Chief Executive Gary Verity had a chance to try out the University's new Olympic-size velodrome at a preview event before the official opening later this summer.

The £1.1m project, funded by the University and British Cycling, will be open to students, staff and the local community providing an exciting new focus for the cycling enthusiasm generated by the Tour de France visit to

Yorkshire for the Grand Départ 2014.

The venue will host regular taster and improver sessions, structured training and a weekly race league. There will also be opportunities for local schools and community groups to take part in cycling sessions, as well as weekly coaching sessions for under-16s run by Clifton Cycling Club.

The Velodrome is the latest addition to cycling facilities at the York Sport Village which also features a popular closed road cycle circuit.

Pedal power boost for student bursaries

Students, staff and friends have raised over £13,500 for student bursaries in the University's annual YuCycle event.

Over 160 cyclists took part in the sponsored event following a choice of 25km, 50km or 100km routes on country roads through North Yorkshire and the Wolds. Teams included the Sorebohm Rowntree Brigade, Spoke 'n' Language from the Department of Language and Linguistic Science, and Buzzin' Brains, Burnin' Legs which included the University's Vice-Chancellor Professor Koen Lamberts.

YuCycle supports the University's Achieving Excellence Bursary Appeal which helps students from lower income families. To make a gift to one of the sponsored riders, go to www.justgiving.com/teams/yucycle.

Planning is already underway for YuCycle 2015 with a provisional date set for 7 June. Email yucycle@york.ac.uk to register your interest.



Day of discovery at the Grand Départ

Some of the University's most intriguing research was on show alongside the cycling action at the Tour de France Grand Départ event at York Racecourse.

Staff from a range of departments including the York Computational Immunology Lab, the Bioarchaeology BioArCh team and the Green Chemistry Centre of Excellence demonstrated and explained their work in a discovery marquee set up as part of the events programme on the Knavesmire site.

Over 2,000 people, including children of all ages, visited the marquee where they had a chance to build a Lego sea wall, look at bugs through a microscope and find out how robots mimic our immune system.



Royal recognition for York academics

Two senior University of York academics have been named in the Queen's Birthday Honours list.

Professor Hilary Graham, Head of York's Department of Health Sciences, has received a CBE for services to social science, and Dr Jane Grenville, Deputy Vice-Chancellor and Pro-Vice-Chancellor for Students, was awarded an OBE for services to higher education.

"I regard this award as an honour for York where I started out on my career as a BA student of Sociology in 1968, going on to study for an MA and PhD," said Professor Graham, who returned to York in 2005 as a Professor of Health Science after working at Bradford, Coventry, Lancaster and Warwick Universities.

Dr Grenville said, "York is exceptional in the nature of the partnership between the student body and the institution at departmental, college and University level and it has been a huge privilege to contribute to the strengthening of that bond through a period of intense political change in higher education."



Professor Hilary Graham



Dr Jane Grenville

Coat of arms restoration wins design accolade



Peter Brown and Peter Addyman (York Civic Trust), Sabina van de Bruck (Hirst Conservation), Helen Stephenson and Dr Kate Giles (University of York), Professor Sir Ron Cooke and sculptor Dick Reid were involved with the restoration project

A project to restore the historic coat of arms on the University's King's Manor building to its former glory has been recognised in the York Design Awards 2014.

Helen Stephenson from Estates Services, who managed the project, won the John Shannon Conservation Award for her role in supervising the major conservation work which included stonework repairs and intricate repainting with traditional lead-based paint and gold leaf.

The restored coat of arms is that of Charles I, who stayed at the King's Manor in 1633 and 1639. It depicts the emblems of France, England, Scotland and Ireland.

The work was carried out by Hirst Conservation on behalf of the University, building on earlier restoration work by the York Civic Trust in 1972.



Before and after: the coat of arms was redecorated using a traditional lead based paint and 23³/₄ carat gold gilding

University honours 16 for their contribution to society

Nobel Laureates, authors, scientists, humanitarians, a musician and influential members of the Yorkshire community received honorary doctorates at the July graduation ceremonies. They were:

Mairi MacInnes, distinguished author of seven books of poetry, two novels and a memoir; **Professor Derek Pearsall**, internationally renowned scholar of Medieval English literature, and former President of the New Chaucer Society and the International Association of University Professors of English; **Professor Ahmed Zewail**, Nobel Laureate in Chemistry and pioneer of femtochemistry; **Zainab Salbi**, author, media commentator and founder of the humanitarian organisation Women for Women International dedicated to women's rights and freedom; **Professor Padmanabhan Balam**, Director of the Indian Institute of Science and specialist in protein design and engineering; **Hugh Masekela**, South African jazz flugelhornist, singer and prominent anti-Apartheid voice; **Peter Murray CBE**, Executive Director and founder of Yorkshire Sculpture Park; **Professor Sir James Mirrlees**, Nobel Laureate for Economics and former President of the Royal Economic Society; **Professor Bertrand Meyer**, software engineer who created the Eiffel programming language, the concept of Design by Contract for building reliable software, and advanced the field of object-oriented programming; **Gary Verity**, Chief Executive of Welcome to Yorkshire and Chair of the Heritage Lottery Fund Yorkshire and Humber Committee, who was responsible for bringing the Tour de France to Yorkshire; **Liz Wilson**, Chief Executive of York Theatre Royal; **Professor Paulo Gadelha**, President of Fiocruz, an innovative public health organisation in the Brazilian Federal Health Ministry; **Professor Anne Treisman**, distinguished Professor of Psychology and winner of the USA's National Medal of Science; **Professor Mike Kelly**, York alumnus and Director of Public Health at the National Institute for Health and Care Excellence (NICE); **Roland Keating**, Chief Executive of the British Library and former BBC Controller; and **Dr Susanna Moorehead**, York alumna, Director for West and Southern Africa at the Department for International Development and former Executive Director at the World Bank.



Watch Hugh Masekela's spellbinding performance at <http://bit.ly/hugh-masekela>



Mairi MacInnes



Professor Derek Pearsall



Professor Ahmed Zewail



Zainab Salbi



Professor Padmanabhan Balam



Peter Murray CBE



Professor Sir James Mirrlees



Professor Bertrand Meyer



Gary Verity



Liz Wilson



Professor Paulo Gadelha



Professor Anne Treisman



Professor Mike Kelly



Roland Keating



Dr Susanna Moorehead

York scientists' winning formula

The Royal Society of Chemistry has made awards to four Department of Chemistry academics in recognition of their outstanding work.

Professor Sir John Holman was named the winner of the Lord Lewis Prize in recognition of his extensive influence over chemistry education policy; Professor Gideon Davies received the Khorana Prize for his outstanding achievement in research at the chemistry and life science interface; Professor Michael North won the Green Chemistry Award for the design, development or implementation of

novel chemical products or processes which have the potential to reduce or eliminate the use and generation of hazardous substances; and Professor Duncan Bruce, whose scientific interests are in the area of materials chemistry, particularly liquid crystals and transition metals, was named the Peter Day Award winner.



Professors Gideon Davies, Michael North, Sir John Holman and Duncan Bruce

Exhibition puts people in the spotlight

Key figures from the University's first 50 years have been recognised with the launch of a new exhibition across Heslington West.

Faces for Fifty celebrates over 80 staff, alumni, students and friends nominated by members of the University community as the people they feel have made an extra special contribution to York's success.

Launched at the Giving to York annual

reception for donors and volunteers on Saturday 21 June, the exhibition is part of the University's 50th Anniversary celebrations. The outdoor frames belonging to the student society PhotoSoc were funded by alumni and friends of the University through YuFund and Giving to York.

The exhibition will be on show all summer. For a map of the frame locations and a digital gallery of all the images, visit www.york.ac.uk/facesforty.



Former Vice-Chancellor, Sir Ron Cooke, is among the people honoured in the Faces for Fifty exhibition

Heat and dust: the hidden threat of smoking

Children whose parents do not smoke are still at risk of cancer caused by tobacco particles in house dust, according to research led by atmospheric chemists at York.

The tobacco-related carcinogens can be brought into non-smoking households on clothing or in airborne smoke from outside the house, say the scientists from York's Wolfson Atmospheric Chemistry Laboratories.

Scientists examined dust particles from the homes of smokers and non-smokers. They found tobacco-related carcinogens exceeded recommended limits for children aged one to six in three quarters of smokers' homes – and two thirds of non-smokers' homes.



Children are at risk even in smoke-free homes

Until now, the risks of exposure to 'third hand' tobacco smoke have been uncertain.

Lead investigator, Dr Jacqueline Hamilton from York, said, "The risks of tobacco exposure do not end when a cigarette is extinguished. Non-smokers, especially children, are also at risk through contact with surfaces and dust contaminated with residual smoke gases and particles, so-called third-hand smoke."

"This risk should not be overlooked and its impact should be included in future education programmes and tobacco-related public health policies."

Research was also carried out at the National Centre for Atmospheric Science and the Chromatography and Environmental Applications research group at the Universitat Rovira I Virgili in Spain.

The study was supported by the UK Natural Environment Research Council (NERC) and the General Research Directorate of the Government of Catalonia.

yorkconcerts

From **I Fagiolini's** colourful and mischievous **Venetian Carnival** on Wednesday 8 October to Britten's **War Requiem** in York Minster on 17 June, there is a wealth of music – classical, early, folk, jazz and contemporary – on campus and in venues around York during the coming year.

Other events in the Autumn Term include super-cool Norwegian jazz pianist **Christian Wallumrød** with his ensemble (15 October); pianist **Sarah Beth Briggs** playing Mozart, Beethoven, Chopin and Britten (22 October); high-octane, fiddle-led Balkan music with **Paprika** (31 October); earlier repertoire for violin played by **Rachel Podger** and **Lucy Russell** (12 November); and the acclaimed young **Sacconi Quartet** playing Haydn, Ravel and Beethoven (19 November).



I Fagiolini

University ensembles include the **University Choir** which performs Rossini's **Petite Messe Solenne** (26 November) and the University Chamber Choir giving a complete performance of Bach's great **Christmas Oratorio** (3 December), accompanied by the University Baroque Ensemble. The **University Symphony Orchestra** gives a rare outing to the 1903 viola concerto by William Forsyth and Nielsen's 'Inextinguishable' Symphony (29 November).

Looking into the new year, a special day of song commemorating the First World War includes a recital by baritone **Roderick Williams** (31 January) and there is a welcome return by **Dame Emma Kirkby** in a programme of lute songs by Dowland (18 February). The University Choir performs Bach's **St Matthew Passion** in York Minster with the Royal Northern Sinfonia. Bach is also the featured composer in the Department of Music's **Baroque Day** (9 May).

Many concerts celebrate the Department of Music's 50th anniversary and feature alumni who are now well established as performers and musicians who have a close association with the Department.

A full brochure will be available on 8 September. Book tickets online from 1 September or from the Box Office from 12 September.

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

Sophie looks forward to talking on air

Sophie Coulombeau, of the Department of English and Related Literature and the Centre for Eighteenth Century Studies, has been named one of ten New Generation Thinkers for 2014 by BBC Radio 3 and the Arts and Humanities Research Council (AHRC).

Sophie was selected from hundreds of applicants for the scheme, which strives to find early career researchers with the ability to turn groundbreaking academic ideas into radio and television programmes.

Sophie said, "I'm delighted and grateful to have been selected as a New Generation Thinker, and very excited about developing my ideas. The excellent public engagement culture I've encountered at York has left me in no doubt of the importance for today's academics of being able to communicate research to the public, so I feel very lucky that I'll have this opportunity to improve my skills in this respect."

Researching the relationship between names and identity in 18th century English literature, Sophie submitted a proposal for a programme about the history of the practice whereby women adopt their husband's



surnames on marriage – and those who bucked the trend.

She will now spend a year working with Radio 3 presenters and producers to develop her research into broadcasts. She will also have an opportunity to develop her ideas for television and make short films for BBC Arts Online. Visit www.bbc.co.uk/arts.

Ants inspire stem cell research

The behaviour of ants is offering insights into a stem cell research project underway at York.

Professor Susan Stepney, Dr Julianne Halley and Dr Richard Greaves will apply the CoSMoS modelling approach, developed in the Department of Computer Science.

The research explores similarities between stem cell behaviour and the organisation of

ant colonies – the subject of previous studies by Dr Halley.

The project is funded by the Biotechnology and Biological Sciences Research Council (BBSRC) Tools and Development Fund. Collaborators include the Wellcome Trust – Medical Research Council Cambridge Stem Cell Institute at the University of Cambridge.

The team members are part of the York Centre for Complex Systems Analysis (YCCSA).





IN PICTURES

Life and work at York

Clockwise from top

Royal Mail stamps featuring threatened fish

Professor Callum Roberts (Environment) has acted as a consultant on a special issue of stamps to promote sustainable fishing in British waters: <http://bit.ly/fishstamps>

Touchscreen featuring a digital reconstruction of Auckland Castle

The Centre for the Study of Christianity and Culture at York is helping to bring Auckland Castle and Worcester Cathedral to life for visitors with interactive apps and displays: <http://bit.ly/historic-building-apps>

Oil palm plantation

The Socially and Environmentally Sustainable Oil palm Research (SEnSOR) programme, a knowledge exchange network led by Dr Jennifer Lucey and Professor Jane Hill (Biology), has produced its first science-for-policy report: <http://bit.ly/palm-oil-policy>

Late Meroitic grave identified at Al Khiday on the White Nile in Central Sudan

Researchers including Dr Stephen Buckley and Dr Karen Hardy (Archaeology) have used tooth plaque to find new evidence that our prehistoric ancestors had a detailed understanding of plants long before the development of agriculture: <http://bit.ly/plant-plaque>

York Trampoline Club springing into action

Societies and sports clubs gave demonstrations at Open Day on 2 July, which welcomed over 10,000 visitors to the campus: <http://bit.ly/july14openday>

Revelation 14:8 from York Minster's Great East Window

Sarah Brown (History of Art and Director of the York Glazier's Trust), has launched her new book *Apocalypse: The Great East Window of York Minster*, revealing the fascinating story behind the restoration of 'the Sistine Chapel of stained glass': <http://bit.ly/great-east-window>



Image: Jane Hill



Image: Donatella Usari/Centro Studi Sudanesi and Sub-Sahariani (CSSeS)





Fozia Parveen at the Srebrenica-Potočari Memorial Centre and Cemetery for the victims of the 1995 genocide in Srebrenica

Bosnia visit to remember the victims of the Srebrenica massacre

York student Fozia Parveen took part in a three-day visit to Bosnia organised by a UK charity to commemorate the genocide at Srebrenica in 1995.

Fozia was part of a delegation organised by the charity Remembering Srebrenica which also included UK Minister for Communities Stephen Williams.

During her trip, she visited Sarajevo and Tuzla as well as the Srebrenica Memorial Centre and the International Commission for Missing Persons. She met government officials including the President of Bosnia, Bakir Izetbegović and the UK Ambassador to Bosnia, Jo Lomas.

"This was a very challenging visit," said

Fozia. "I was overwhelmed with so many emotions, and everything is still very raw.

"I hope to honour victims and survivors of hatred both in the UK and in Bosnia with this thought-provoking journey through the hearts of the people of Bosnia."

In July 1995, more than 8,000 civilian Bosnian men and boys were massacred by Bosnian Serb forces commanded by General Ratko Mladic and Serbian paramilitaries. It was the greatest atrocity on European soil since the Second World War.

Remembering Srebrenica organises the annual UK Srebrenica Memorial Day, runs 'Lessons from Srebrenica' visits to Bosnia, and leads public awareness campaigns to highlight the consequences of hatred. For more information see www.srebrenica.org.uk.

Funding boost for biorenewable research and development

Plans for a University research and development centre to nurture new businesses in the biorenewables sector have won major Government funding.

The BioVale Centre will provide 85,000 square feet of flexible laboratory and business space and could directly create up to 500 jobs.

The project will benefit from a share of the funding awarded to the York, North Yorkshire and East Riding Local Enterprise Partnership through the Government's Local Growth Fund.

The new facility will host and support a range of high-tech companies working in the bioeconomy, particularly small and medium-sized enterprises (SMEs) in the early stages of development. It will provide flexible laboratory and business incubation space as well as providing a new base for the Biorenewables Development Centre, which works with businesses to produce novel bio-based processes and products.

The BioVale Centre is part of the University-led BioVale initiative and represents the first phase of a major new bioeconomy research and development cluster on the University's campus at Heslington East.

Businesses involved in the bioeconomy are developing new uses for renewable biological resources such as food and agricultural waste.

The University's Pro-Vice-Chancellor for Research, Professor Deborah Smith, said, "The University has world-leading capabilities in both biological and chemical sciences for the development of bio-based products. The new BioVale Centre will significantly enhance the

ability of the University to leverage research expertise to drive low carbon economic growth and the creation of sustainable jobs for the region."

The funding announcement follows confirmation of an agreement between BioVale and its French counterpart, the

Industries & Agro-Resources (IAR) cluster. The memorandum of understanding will lead to joint research and development projects, staff and student exchanges, shared access to facilities, and co-operation on developing new markets for UK and French bio-based businesses.



Artist's impression of the University-led BioVale Centre which could create up to 500 jobs

Amino acid aids jewellery discovery

Bronze Age people crafted necklaces from locally-sourced shells, a study by scientists at York has revealed.

The research team used scanning and chemical analysis techniques to identify the raw materials used to make beads in a necklace discovered at an Early Bronze Age burial site at Great Cornard in Suffolk.

They discovered that Bronze Age craftspeople used dog whelk and tusk shells, both of which were likely to have been sourced locally, to fashion tiny disc-shaped beads in the necklace.

The research was led by Dr Beatrice Demarchi of York's Department of Archaeology and BioArCh and Dr Julie Wilson of the Departments of Chemistry and Mathematics and the York Centre for Complex Systems Analysis (YCCSA).

Dr Demarchi explained, "Dog whelks and tusk shells were likely to be available locally so these people did not have to travel far to get hold of the raw materials for their beads.

"There is evidence from elsewhere in Britain and further afield for the use of tusk shells at various times in the past. This may be because they are relatively easy to work and their hollow shape is very distinctive."

The team used amino acid racemisation analysis, light microscopy, scanning electron microscopy and Raman spectroscopy to identify the materials. The investigations involved archaeologists working with mathematicians, chemists and physicists.

Dr Sonia O'Connor from the University of Bradford's Department of Archaeological Sciences also contributed to the work along with prehistoric jewellery specialist Dr Alison Sheridan of National Museums Scotland.

The research was published in *PLOS ONE*.



A common dog whelk (*Nucella*) shell together with one of the beads the researchers believe may be created from this or a closely related species (top) and a tusk (*Antalis*) shell with the bead the research team believe is cut from a shell like this (bottom)

Image: Dr Sonia O'Connor

Royal invitation for York academics

Senior academics from the Department of Electronics who founded two health technology spin-out companies, attended a reception at Buckingham Palace hosted by the Queen to celebrate the best of UK technology.



The Queen meeting Dr Adar Pelah

Dr Adar Pelah and Dr Stephen Smith, founders of Asuuta Ltd and Clear Sky Medical Diagnostics, were invited to the event to mark their technological success and inspire continued innovation in the UK.

Entrepreneurs and leaders from the UK's successful technology sector were met by the Queen and the Duke of Edinburgh in the Picture Gallery at the Palace. Other members of the Royal Family attending included the Duke of Cambridge, Duke of York, Duke of Gloucester and the Duke of Kent.

Dr Pelah, co-founder of Asuuta, developed the specialist StroMoHab treadmill system to help improve the mobility of stroke patients. Clear Sky Medical Diagnostics, set up by Dr Smith, has developed diagnostic equipment to identify neurodegenerative disorders such as Parkinson's Disease.

Dr Pelah and Dr Smith are both Royal Academy of Engineering Enterprise Fellows.

York musician's promenade compositions straddle the globe

Composer and saxophone player Dr Jonathan Eato from York's Department of Music wrote the score and sound design for two promenade performance projects, staged in Leeds and Cape Town in South Africa.

The Claim, commissioned by West Yorkshire Playhouse in association with Northern School of Contemporary Dance, used the TlotT App, designed by Dr Eato and developed by Peter Worth, to give audiences access to performances in the theatre's hidden spaces.

Cosi-Cosi, commissioned by Cape Town's Infecting the City festival and funded by ITC, Arts Council England, and the British Council, uses TlotT to take audiences on a 30-minute walking tour of the city centre. The work was premiered in March 2014 and is still running. The soundtrack was developed in collaboration with Dr Sazi Dlamini from the University of KwaZulu Natal, Emile Jansen from Black Noise, and !Khwa ttu San Cultural Centre.

The projects were staged by Hannah Bruce & Company which specialises in theatrical performances in unusual sites.

The design and development of the TlotT App was funded by Arts Council England.



'The Claim' by Hannah Bruce & Company took place as part of the West Yorkshire Playhouse's Transform 14 Festival

Image © Richard Davenport, used with kind permission

Tate exhibition sheds new light on Mondrian

A University art historian played a key role in curating a major new exhibition showcasing the work of Dutch abstract artist Piet Mondrian.

Dr Michael White, from the Department of History of Art, is co-curator of the exhibition *Mondrian and his Studios* at the Tate Liverpool. The exhibition, which runs to 5 October, marks the 70th anniversary of the artist's death.

It traces his development from successful figurative artist to international innovator best known for his distinctive geometric grids, a style termed neoplasticism. The exhibition also features a reconstruction of Mondrian's Paris studio (pictured right).

Dr White said, "Mondrian's visitors frequently described his studio as an almost other-worldly place that produced an aesthetic experience in its own right. This exhibition, which features the largest gathering of Mondrian's rare and precious abstract paintings seen in the UK, is the first to explore connections between the



"Other-worldly": a reconstruction of 26 Rue du Départ, Paris based on a 1926 photo by Paul Delbo of Mondrian's studio

abstraction of his paintings and the physical environment in which they were made and displayed by the artist."

Dr White, who gave a fascinating talk on 'Mondrian: A different kind of order' as part of the York Festival of Ideas in June, co-curated

the exhibition with the Artistic Director of Tate Liverpool, Francesco Manacorda.

Tate Liverpool also worked with partner Turner Contemporary, based in Margate, to stage the exhibition *Mondrian and Colour* which runs until 21 September.

Study highlights UK poverty problem

The number of households falling below the minimum standard of living has more than doubled in the last 30 years according to the UK's largest study of poverty and deprivation, which included research conducted by experts at York.

The Poverty and Social Exclusion in the United Kingdom (PSE) project also found that 18m people cannot afford suitable housing, one in three cannot afford to heat their homes adequately in the winter and four million children and adults are not properly fed by today's standards.

The PSE standard of living survey shows that more than one in every five children and adults were poor at the end of 2012. They had a low income and lacked essentials such as food, heating and clothing due to a lack of money.

The rising cost of living and low wages in some parts of the UK means that a full-time job is not enough to stop some people falling into poverty: one in every six adults in paid

work is classified as 'poor'.

It found that the majority of children who fall below the poverty line live in small families with one or two siblings, live with both parents, have at least one parent who is employed, are white and live in England. More than one in four adults (28 per cent) has skimped on their own food in the past year to allow others to eat.

Professor Jonathan Bradshaw, of the Department of Social Policy and Social Work at York, said, "The research has shown that in many households parents sacrifice their own welfare – going without adequate food, clothing or a social life – in order to try to protect their children from poverty and deprivation."

The report was funded by the Economic and Social Research Council (ESRC). Research was carried out by the University of Bristol, Heriot-Watt University, the Open University, Queen's University Belfast, University of Glasgow, University of Oxford, University of Birmingham, the National Centre for Social Research and the Northern Ireland Statistics and Research Agency, as well as the University of York.

In another study, York students worked with the Rowntree Society to examine the history of poverty and philanthropy across the city.

The students drew up a Poverty Timeline which featured historical snapshots from Roman times to the present day on the themes of poor relief, public health, education and perceptions of poverty.

There are now plans to display the work as an exhibition. The team of four undergraduate students – Sophie Day, Georgina Kennedy, Laura Roberts and Jake Strong – worked with Bridget Morris, Director of the Rowntree Society, on the timeline.

Laura Roberts, who is studying English and History said, "While many see York as a 'comfortable' city, the timeline may change people's perspectives – in a good way. It shows York's pioneering history as a city of philanthropy."

The work was carried out as part of the University's volunteering @Work scheme, a project co-ordinated by the University's Careers team in partnership with academic departments.

York students on the button for Santander funding

British Formula One racing driver Jenson Button presented international travel scholarships to four York students at an awards ceremony in London.

The successful scholars received the awards as part of York's International Connections grant programme, supported by Santander Universities.



Santander successes: students Pupak Moheballi, Rebecca Woods, Laura Nicklin and Ellis Goldney-Sidley

Emilo Botin, Chairman and Executive Director of Grupo Santander also attended the London ceremony.

International travel scholarships have been awarded to over 40 students and staff at York this year.

The successful students included Pupak Moheballi, a PhD student in politics who is researching nuclear security. As part of her scholarship, Pupak will undertake an internship at the Managing the Atom Project run by the Belfer Center for Science and International Affairs at Harvard University.

Laura Nicklin, a PhD student in Educational Studies, is visiting prisons and offender rehabilitation projects across the US looking at the use of Shakespeare in prisons as part of her research into alternatives to custody for young offenders.

Rebecca Woods, a Linguistics PhD student, is spending a semester at the University of Massachusetts Amherst.

Ellis Goldney-Sidley, who graduated from the Department of Philosophy in July, will be working on an internship organised by the British Council with a company in China.

Further details about travel awards are available on the University's Centre for Global Programmes website: www.york.ac.uk/study/study-abroad/travel

Electronics scholar Googles for real

Another successful international scholar, Viviam Reyes, spent three days at the Google headquarters in Zurich as part of an international award to promote the role of women in computing and technology.



Viviam Reyes

Viviam, an Electronics undergraduate, also received €7,000 from the Google Anita Borg Memorial Scholarship scheme.

The scholarship honours the work of Dr Anita Borg and supports women working in computing and technology, encouraging them to become role models and leaders in the field.

Viviam said, "Many people say that science relates to men and humanities and arts relate to women. This type of stereotyping can lower women's aspirations for science and engineering careers. It is a major cultural problem and it is something we need to argue against and change."

Bilingual book tackles tropical diseases

Academics from York's Centre for Global Health Histories launched their new book at the 67th World Health Organisation (WHO) Assembly in Geneva.

Tropical Diseases: Lessons from History is edited by Dr Alexander Medcalf and Professor Sanjoy Bhattacharya. Written in both English and Portuguese, it gathers articles on topics including leprosy, guinea worm disease, sleeping sickness and malaria.

Based on the 2009 WHO Global Health Histories seminar series, the book was launched as part of celebrations to mark the 40th anniversary of the WHO's Special Programme for Research and Training in Tropical Diseases, with a second launch held by the WHO ePORTUGUÊSe network.

Dr Medcalf said, "The popular Global Health Histories seminars are based on the principle that understanding the history of health helps the global public health community to respond to the challenges of today, and we are pleased to be able to extend the project

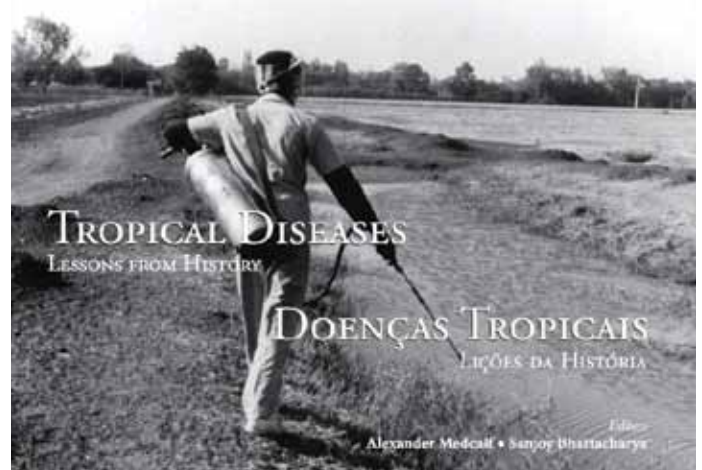
messages to wider audiences through this new book. We are very grateful to the many officials and academics who agreed not only to present at the original seminars, but also to contribute to this publication – it would not have been possible without their input."

Professor Bhattacharya added, "As the WHO Global Health Histories demonstrates, rigorously and independently researched academic studies can stoke discussions that can flower into effective health communications and public engagement projects.

"Multi-lingualism is rightly recognised as being a critical part of these activities, and we are honoured to be associated with WHO

and government efforts to broaden the spread of health information in this way."

For more information and to download the book visit <http://bit.ly/tropical-diseases>



York Festival educates, entertains and inspires

World-class speakers, performances, exhibitions and interactive experiences were brought to venues across the city for York Festival of Ideas in June.



The TRANSMISSION interactive workshops – funded by the Centre for Chronic Diseases and Disorders and the Wellcome Trust – invited guests into a sonic and visual world inspired by 'infectious' ideas and the spread of diseases



Professor Janet Golden (Rutgers University) was one of five speakers exploring 'The Nature of Religion, Science and Health' at St Peter's School



Michael Morpurgo, one of the UK's best-loved authors and storytellers, captivated his York Theatre Royal audience with a talk and Q&A



Jung Chang, the bestselling author of *Wild Swans*, talked about her epic biography of the Empress Dowager Cixi at the Festival's closing event

This year's programme was bigger than ever, with over 140 events on the theme of 'Order and Chaos'. The Festival, which is now in its fourth year, was led by the University of York in collaboration with 46 partner organisations.

This year's headline sponsor for the Festival was Holbeck Charitable Trust, with the Joseph Rowntree Foundation, Wellcome Trust and Centre for Chronic Diseases and Disorders, Shepherd Group, Quorn, the Institute for Engineering and Technology and Santander also supporting the Festival.

The team is already gearing up for the next York Festival of Ideas on 'Secrets and Discoveries' which will run from 9 to 21 June 2015. Find out more at www.yorkfestivalofideas.com

"This is such a gift and a treasure to the city"

Audience feedback



Experts including Diane Coyle, Bob Swarup, Julia Unwin and Maggie Porteous discussed 'How to create more and better jobs?' at a Festival focus day on economic growth



Silent movies filled the 3Sixty demonstration space at the Festival Fringe Family Fun Afternoon which gave children the chance to perfect their own dastardly, villainous voiceovers



ByTheHand Productions returned with their thrilling show, *The Jekyll & Hyde Case*



'Science out of the Lab' brought hands-on experiments and clawed critters to the city centre

Life in the trenches: Archaeology students uncover Dales story of wartime bravery

As World War I commemoration events take place around the country, first-year Archaeology students are working in a remote corner of the Yorkshire Dales to uncover a story linking wartime bravery with the region's industrial heritage and German POWs.

A simple stone cairn dominates the Dales landscape at Breary Banks on the remote southern slopes of Colsterdale in North Yorkshire.

Erected in 1935, it commemorates the bravery of the 15th Battalion (1st Leeds) West Yorkshire Regiment, also known as the Leeds Pals. The memorial marks the spot where the Pals lived and trained for over six months in a temporary camp at Breary Banks before heading to the battlefields of the Somme where many lost their lives.

Little remains of the hundreds of huts and buildings that once stood on the grassy slopes in this isolated corner of the Dales. But with the help of archive maps, aerial photographs and archaeological excavation, University of York Archaeology students, led by Dr Jonathan Finch, are uncovering a story that links one of the most harrowing chapters of Yorkshire's wartime history with the region's industrial heritage.

In its complex 30-year history, as well as providing a training ground for the Pals, Breary Banks also housed construction workers and German prisoners of war.

"Our work at Breary Banks provides a focus within Yorkshire for an alternative story

about the young men who went to war, as well as those who arrived from the front as prisoners of war," said Dr Finch. "It connects the area to the First World War, whilst also giving an insight into the growth of Leeds as a major industrial centre."

Breary Banks was established in 1903 as a camp for itinerant workers constructing the Leighton and Colsterdale reservoirs, major projects commissioned by Leeds Corporation to provide water for the burgeoning urban population of West Yorkshire. At its peak, it was home to over 700 workers and their families housed in rows of huts organised into streets.

"It was like a small piece of Leeds in the countryside," said Dr Finch. "The camp had a mission hall which doubled as a school, and modern facilities such as piped water, electricity and a narrow gauge railway for supplies."

The team's excavations have so far uncovered hundreds of artefacts relating to the bustling navy camp community including sauce bottles, Theakstons beer bottles, medicine bottles, broken crockery, the remains of a fob watch and fragments of children's toys, giving insights into the lives –

and diets – of the busy workforce, including the women and their families.

But while the navy camp offers an important glimpse into the origins of Breary Banks, it was the site's role as an army training camp which ensured its prominent place in the region's war time history.

In 1914, at the outbreak of the First World War, the workers and their families moved out of the camp to be replaced by eager young recruits to the newly formed Leeds Pals battalion.

Breary Banks became home for the 1,000 or so workmates, neighbours, friends and relatives whose camaraderie encouraged them to answer the call to arms.

For over six months, they lived, ate and slept in the ready-made village using the surrounding hills and dales as a scenic training ground, far removed from the muddy horrors that awaited them in Europe.

"So far we only have a few artefacts that we can say with any certainty came from this period in the camp's history," said Dr Finch.

"The archaeology of the army occupation of the site is as much about their use of the surrounding landscape where we can see evidence of practice trenches and shooting ranges."

Following their carefree spell in the Dales, described by one as "the best time of their lives", the Leeds Pals were deployed to guard the Suez Canal before the fateful trip to France and the Battle of the Somme.

For many it was to be their last journey. On 1 July 1916, the Pals scrambled 'over the top', straight into the sights of the German gun positions. In total, 248 of the 750-strong battalion who went into attack were killed or died later from wounds, with hundreds more injured, captured or missing following a battle that came to symbolise the horrors of modern warfare.

Dr Finch said, "It was an unimaginable human tragedy which, because of the nature of the Pals battalions, had a terrible impact not just on families, but on workplaces and entire communities. It meant that in cities such as Leeds whole neighbourhoods were



Traces of the Colsterdale Breary Banks camp are still visible from the air



Pals in full uniform return to Colsterdale after a route march

engulfed in grief.

"The bodies were not repatriated from France – and much of the archaeology of the First World War is in France or Flanders. It's somewhere else and that can make it difficult to feel connected. Breary Banks is important because it helped forge the identity of the Leeds Pals – indeed of Leeds as a modern city – and it provides a focus and a tangible link to terrible events which still resonate today."

The memorial cairn, erected by the Leeds Pals Association, is the site of official commemoration events and the site is visited throughout the year.

Once the tide of war had turned, Breary Banks continued its war time service, this time as a Prisoner of War camp for German officers.

Bolt holes for a set of double gates, typical of prison security gates, are some of the few clues found on site relating to this chapter in the site's history. But archive searches have provided some intriguing glimpses into life at the camp where prisoners passed the time with a busy education and cultural programme.

They took part in music and art classes while following the twists and turns of the war in the British newspapers. One German artist Fritz Fuhrken used his time at Breary Banks to produce a manifesto alongside a series of watercolours, pen and ink drawings and woodcuts which became known as 'Colsterdaler Expressionism'.

After the war, the construction workforce returned to continue the reservoir projects, although geological problems meant the Colsterdale reservoir was never built. The canteen, school and mission hall were reinstated and facilities boosted with the opening of a cinema – fragments of celluloid film were found during the excavations.

But by 1926, occupation of the site was dwindling and the site buildings were auctioned, marking the end of human

habitation on the site.

"For archaeologists, this is relatively recent history. But over a period of only 30 years or so we have a story about ordinary people caught up in global events, which makes it a site our students can really connect to," said Dr Finch.

"There's a lot of local interest – we've had primary school visits and I have talked to local groups, who have also come on site to get archaeological training. It's an important piece of our regional and international history which highlights the impact of the First World War and industrial expansion on our rural landscape."

Another pioneering archaeology project to discover the scope of the First World War's impact on local communities has been led by Dr John Schofield. This time focused on areas including Staffordshire and the Lea Valley in north-east London, *The Home Front and its*

Legacies is one of the first initiatives of its kind to use volunteers in local communities to research and record evidence of the war in their own localities. The aim of the English Heritage-funded project is to create an educational resource capturing England's war heritage. Dr Schofield, who worked with colleagues from the University of Bristol, said, "The Home Front and Breary Banks projects represent public archaeology at its very best, involving large numbers of people in a project that really matters."

Dr Schofield is also currently co-editing the Council for British Archaeology's *Handbook on First World War Archaeology*, aimed at supporting those wishing to get involved in fieldwork.

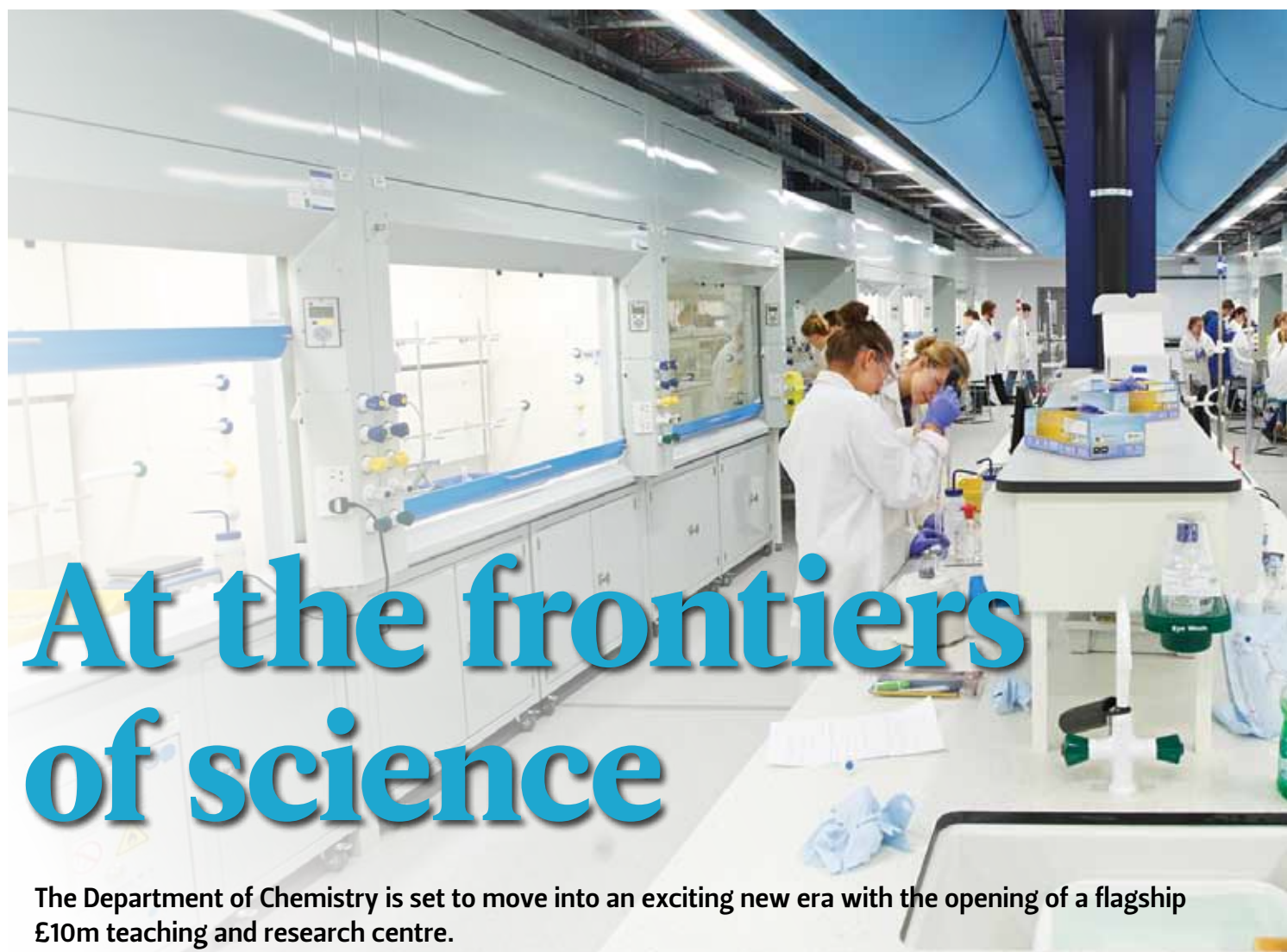
The Breary Banks project is funded by the Department of Archaeology and is part of the Nidderdale Area of Outstanding Natural Beauty's Heritage Lottery Funded project *Nidderdale Area of Outstanding Natural Beauty and the First World War: Leeds Pals, POWs and the Home Front*.



Sauce, beer and medicine bottles were among the artefacts uncovered by the dig



Digging for victory: University of York Archaeology students at work on the site



At the frontiers of science

The Department of Chemistry is set to move into an exciting new era with the opening of a flagship £10m teaching and research centre.



Renewable materials: developing switchable adhesives for closed loop recycling of carpet tiles and textiles

The striking two-storey building will open officially on 5 September in a ceremony attended by round-the-world yachtswoman Dame Ellen MacArthur, marking the highlight of the Department's 50th anniversary celebrations.

Ellen MacArthur is attending the opening in her role as Founder of the Ellen MacArthur Foundation which works in education, business innovation and analysis to promote the role of science and accelerate the transition to a more sustainable 'circular' economy.

The new building features spacious teaching laboratories equipped with the latest professional-standard training facilities, alongside a new computer suite and a bright, new social area for students.

It also houses the University's Green Chemistry Centre of Excellence, providing, for the first time, a purpose-built training and research base for the team's cutting-edge work into the development of environmentally-friendly and sustainable products and processes.

An Industrial Engagement Facility,



The new facilities feature professional-standard labs for undergraduate students

“It marks us out as a leading centre fully equipped to develop the scientists of tomorrow”

Professor Richard Taylor

part-funded by the European Regional Development Fund, will foster links with industry to explore the practical application of green chemistry processes and materials developed in the adjoining laboratories.

The new block is the latest phase of a £29m redevelopment of the Department, creating some of the best equipped scientific research and teaching facilities in the UK higher education sector.

“This is a significant development for Chemistry – and the University,” said Head of Department Professor Richard Taylor. “Students studying chemistry at York will be taught in state-of-the-art laboratories and



Chemistry labs in the 1960s

Milestones

- **1964** The Department of Chemistry was established with the appointment of Richard Norman and David Waddington
- **1965** The Departmental buildings were completed and the first cohort of 55 undergraduate students began their studies
- **1965** Imperial Chemical Industries donated £10,000 (about £160,000 today) towards York library in honour of Rex Whinfield, who discovered the polyester fabric Terylene
- **1976** The York Structural Biology (YSBL) group was established with the arrival of eminent scientists Guy and Eleanor Dodson
- **1977** Introduction of the Chemistry and Environment undergraduate degree course
- **1988** Formation of the Chemical Industry Education Centre (CIEC) Promoting Science Group
- **1991** First issue of *Chemistry Review*, edited at York
- **1995** Introduction of the MChem course
- **1998** The Green Chemistry group was established with funding from the Wolfson Foundation
- **2010** Professor Sir John Holman, Emeritus Professor in the Department of Chemistry, received a knighthood for services to education
- **2011** The Biorenewables Development Centre (BDC) opened. The Centre tests processes for converting renewable materials such as straw into new chemicals and materials
- **2012** Completion of Phase 2 of the Dorothy Hodgkin Research building. Opening of the £7m Centre for Hyperpolarisation in Magnetic Resonance (CHyM) which carries out research into medical image scanning technology
- **2013** Opening of the Wolfson Atmospheric Chemistry Laboratory
- **2014** The Department of Chemistry’s 50th anniversary marked by the opening of the new £10m teaching and research centre



our researchers will have access to the most sophisticated laboratory equipment. It marks us out as a leading centre fully equipped to develop the scientists of tomorrow.”

The new building follows the opening of the Dorothy Hodgkin Research Building in 2012, a three-storey block housing over 100 researchers working in areas including medicinal chemistry, materials and liquid crystals, organometallics, catalysis and solar energy conversion.

Other recent developments include the opening of the Wolfson Atmospheric Chemistry Laboratories earlier this year, the UK’s first dedicated laboratory into atmospheric chemistry research. The Centre for Hyperpolarisation in Magnetic Resonance (CHyM), established in partnership with the Department of Psychology to develop advances in medical imaging technology, opened in 2013.

The Department of Chemistry is also set to play a key role in the University’s new ground-breaking Natural Sciences degree, offered for the first time this year to undergraduates keen to study across a range of scientific disciplines.

“This is an exciting time to be studying chemistry at York,” said Professor Taylor. “Already we are attracting some of the brightest and best qualified school leavers and postgraduate students. Our new building will ensure our students are familiar with working in the latest industry-standard facilities, easing their transition to research and employment.”

Looking to the future, the Department is planning to continue its development programme by replacing a further set of laboratories and constructing new state-of-the-art teaching facilities.

The opening event will also feature an exhibition celebrating the impact of chemistry at York. Professor Sir John Holman will give the first Chemistry Anniversary Lecture, titled ‘Teaching Science the Practical Way’, followed by a question and answer session with a panel of staff and guests.

Opening doors to the next generation of scientists

The wonders of modern science are to be introduced to a wider audience, thanks to a new outreach centre opened in the Department of Chemistry.

The York Science Outreach Centre (YSOC) showcases the University’s pioneering research work, while providing opportunities for hands-on learning in laboratories catering for up to 100 visitors.

The new Centre will introduce learners to the work of the University’s Science, Technology, engineering and Mathematics (STEM) departments. The facility has been set up in collaboration with the Widening Participation Team.

YSOC has already hosted A level students from local schools who explored the science of archaeology, and welcomed school pupils to a chemistry camp run by the Salters’ Institute.

Professor Sir John Holman, Emeritus Professor in the University’s Department of Chemistry said, “The new Centre offers a fantastic opportunity to introduce the young – and young at heart – to the frontiers of science. Our aim is to inspire a new generation of scientists by presenting STEM subjects in new and engaging ways.”



Microwave processing: using the power of microwaves to unlock biomass to produce next generation feedstock chemicals

The new face of password success



Our ability to recognise a familiar face is the basis of a new password system developed by experts at York that could spell the end of letter or number-based authentication.

'Facelock', developed by psychologist Dr Rob Jenkins, exploits our ability to recognise faces across a wide range of images, even when the image quality is poor.

To register with the system, users nominate a set of faces that are well known to them, but not well known to other people. Users log in by selecting the faces they recognise from a grid. Psychological research has shown that, while unused passwords can be forgotten in days, familiarity with a face is virtually impossible to lose.

Also, familiarity is hard to fake, making the system difficult for fraudsters to crack.

Dr Jenkins explains, "Pretending to know a face that you don't know is like pretending to know a language that you don't know – it doesn't work. The only system that can reliably recognise faces is a human who is familiar with the faces concerned."

Studies showed a 97.5 per cent success rate for the system – and even 12 months later, 86 per cent of those taking part in the study were still able to recall the faces successfully.

"To protect against fraud, security codes need to be difficult to guess – but this also makes them hard to remember. We are often faced with a choice between forgetting a code, which can be frustrating and inconvenient, or writing it down, which compromises security," said Dr Jenkins.

"Unlike password or PIN-based systems, a familiarity-based approach never requires users to commit anything to memory. Nor does it require them to name the faces – the only requirement is to indicate which one looks familiar."

The researchers, who included Jane McLachlan and Karen Renaud of the School of Psychology at the University of Glasgow,

"Pretending to know a face that you don't know is like pretending to know a language that you don't know – it doesn't work"

Dr Rob Jenkins

asked volunteers to name minor celebrities or sports stars to create their personal 'lock'.

They then asked volunteer 'attackers' to watch a successful login based on four target faces. The studies demonstrated that attacks could be thwarted by using different photos of the same faces. For the user, who is familiar with the target faces, it is easy to recognise the faces across a range of images. For the attacker, who is unfamiliar with the target faces, selecting the correct images is difficult.

Dr Jenkins said, "We hope that software developers will now take this framework and turn it into a polished app, while other experts optimise the usability of the system. If those two things happen, you could see this system on your device in the next product cycle."

The research is published in the open-access journal *PeerJ* (<http://PeerJ.com>).

Dr Jenkins' research into facial recognition also formed the basis of recent research which showed that volunteers could recognise faces reflected in the eyes of people in photographs.

The technique could be used to provide vital clues in criminal investigations where victims are photographed, such as in hostage taking or child sex abuse.

Dr Jenkins said, "The pupil of the eye is like a black mirror. To enhance the image, you have to zoom in and adjust the contrast. An image of a face that is recovered from a reflection in the subject's eye is about 30,000 times smaller than the subject's face. Our findings highlight the remarkable robustness of human face recognition, as well as the untapped potential of high-resolution photography."



IN MEMORIAM...

David Crease RIBA, MStructE

Architect and Structural Engineer David Crease, one of the University's founding members, has died aged 85.

David worked in Edinburgh, Brasilia and Hong Kong before he was appointed to Research Director within the University's Institute of Advanced Architectural Studies in 1963.

The Institute's research programme began with an investigation into the design of student housing. The student accommodation at Eden's Court, St Lawrence Court and the staff housing at Bleachfield are products of that research. Bleachfield was awarded the prestigious Ministry of Housing's Medal for Good Design, but is now demolished.

David moved from the post of Research Director to become Director of York University Design Unit (YUDU), an architectural practice within the University. Its aim was to be a model architects' practice and a teaching office within an undergraduate School of Architecture, which was never established.

YUDU developed its own architectural philosophy, described as 'long life, loose fit, low energy; innovative within the vernacular tradition, with an emphasis on the spaces between buildings'. It became one of the best known architectural practices in the country with its projects

regularly featured in architectural journals and the National Housing Design Awards.

David was instrumental in founding several local Housing Associations in order to access government funding for the purpose of building new housing to meet the University's growing housing needs. The developments to the south of the University at Holmefield, West Moor Lane and McHugh Court are evidence of this work.

In 1981, because of the difficulties in reconciling the demands of a flourishing architectural practice with the educational needs of the University, it was mutually agreed that the practice should privatise.

The successor practice went on to receive 17 awards for good design before David retired aged 65.

David Strickland RIBA



Mike Bennett

Mike Bennett (English, Langwith, 1980), who set up York's Richard III Museum, has died from cancer, aged 55.

Mike arrived in York from Manchester in 1977 and immersed himself in University life. As well as his studies, he booked bands, set up societies, sold singles from his room and started performing on stage as a punk poet, setting a pattern for the rest of his life.

After graduating, he stayed in York and played in a band for four years, then continued to write music reviews and perform at York Arts Centre. In the early 1990s he set up the Comedy Shack at the Bonding Warehouse, hosting young comedians such as Jo Brand, Alistair McGowan, Lee Evans and Mark Thomas. He wrote and performed his own sketches in a duo and was runner-up to Peter Kay in the BBC Northern New Comedy Awards in 1997.

His first day job, in the 1980s, was at the Castle Museum, and he subsequently started a York walking tour and sold his own history wall charts to tourist outlets. In 1993, he set up the Richard III Museum in Monk Bar and three years later wrote a one-man show, 'An Audience with King Richard III', which he performed for ten years, at the museum and across the country. He co-wrote and edited *The York Book*, published in 2002, and *Anorak of Love*, a pop trivia quiz book, published in 2004. He sold the museum to York Archaeological Trust in January 2014.

Mike was a dedicated fan of Manchester United and loved music, film and holidays with his family. He was married to Janet, 45, and had two sons, George, aged eight, and Sam, aged five. His sister, Judith, also a former Langwith student (Chemistry with Education, 1978), returned to work at the University and is the new Salters' Chair in Science Education. Mike died peacefully at home, in York, on 16 March, 2014.

Janet Bennett



Lilian Hugill

Lilian Hugill who passed away last month was one of the early stalwarts of the University. On my first day in early 1965, John West-Taylor (the Registrar) took me on a tour of Heslington Hall to meet other staff. Deep in the basement, he introduced Lilian who ran (single-handedly) the so-called machine-room which provided a duplicating service for all the offices in the Hall (which at that time included a number of academic departments). The equipment consisted of three or four machines which printed from stencils cut on typewriters – items that are now museum pieces.

Lilian's sunny, cheerful personality was in marked contrast to the gloomy environment of those basement rooms. A couple of years later, the University established an in-house Print Unit, in the rooms now occupied by Human Resources, and Lilian became the Deputy Supervisor, a post she occupied until her retirement in 1985.

Lilian was one of life's truly nice people: warm-hearted, ready to help, immensely hard-working and with an infectious laugh audible some distance away. Her funeral was attended by many former colleagues who had known her since those early days.

Dr David Foster



Professor Sir Alan Peacock

In April 1942, Alan Peacock missed the train from Edinburgh to York. That train, laden with conscripts, was destroyed in the bombing of York station. He thus escaped with his life, and an official reprimand. Twenty years later he travelled from Edinburgh to York, this time as the newly appointed first Professor of Economics at the embryo University of York. In the interim, he had served as a German interpreter in the navy in the Arctic, emerging with the Distinguished Service Cross, and, later, a Soviet medal with "a stern message from the British Ministry of Defence. I was never to wear it alongside British decorations on official occasions." He studied or taught at St Andrews, LSE and Johns Hopkins, and was appointed Professor in Edinburgh at the age of 35. While there, he studied musical composition with Hans Gal, in keeping with his life-long engagement with the arts: he was a talented viola player, pianist and guitarist, wonderful raconteur, and an excellent linguist. He could also be a thorn in the side of officialdom and bureaucrats, and make life difficult for his colleagues!

At York, he quickly built a large and successful Department of Economics, with his reputation in Public Finance key to attracting many foreign visitors, students and academics. His experience in the US led to his firm belief in the importance of a strong graduate school as a way of producing properly trained professional economists, and York was a pioneer in this in the UK. He served as Deputy Vice-Chancellor, but by the mid-1970s he became restless, and after a

spell in Whitehall (advising Tony Benn, with whom he did not get on), he helped found the University of Buckingham, attracted by the idea of independence from government. He retired from there in 1984 as Principal and Vice-Chancellor, returning to Edinburgh, this time as an Honorary Professor in Heriot-Watt University.

Alan was knighted in 1987, in recognition of his many contributions to public life. He headed important enquiries (eg on financing broadcasting) and published widely until the last years of his long life. He made a massive contribution to the University of York (which conferred a Honorary Doctorate on him), and many of us remember him warmly and with gratitude.

.....
Professor John Hutton



AT THE CHALK FACE

Biology

At the Royal Society of Chemistry Young Carbohydrate symposium, PhD student Katie Wilson won the Buchanan Award for her work in the research groups of Dr Dani Ungar and Dr Paul Genever on the role of glycosylation in the differentiation of mesenchymal stem cells into bone.

Dr Will Brackenbury gave a seminar on sodium channels and breast cancer at the University of Manchester and presented data at the American Association for Cancer Research meeting in San Diego.

Professor Nia Bryant presented 'Evolutionary conservations identified by meanderings through the endosomal system from yeast to humans' at the University of Sheffield.

Dr Allison Green spoke about her team's research into type 1 diabetes at the North West Paediatric Diabetes Network in Liverpool and to children and families affected by the condition at Scunthorpe General Hospital.

Emeritus Professor Henry Leese presented 'The best start in life: periconceptual nutrition and disorders in later life' at an Irish Fertility Society meeting in Malahide.

Emerita Professor Jo Milner spoke at the Developmental Physiology Conference on 'From Mother to Child – Setting the Clock of Aging' at the University of Leicester.

Dr Jamie Wood presented 'How do social leaders influence group responses?' at the Interaction Networks and Collective Motion in Swarms, Flocks and Crowds Conference at Aalto University, Helsinki.

Chemistry

The Green Chemistry Centre of Excellence

has been shortlisted for a Laboratory-Related Teaching and Learning category S-Lab Award for training a diverse, global range of students to practice sustainability in modern chemistry laboratories.

Professor James Clark and Dr Vitaliy Budarin were finalists in the Royal Society of Chemistry's Emerging Technologies Competition with their patented, low-temperature microwave biomass-conversion technology.

Dr Budarin, Dr Laurianne Moity, Dr Alice Fan, Dr Xiao Wu and Summer Yuan attended the Conference on Renewable Resources and Biorefineries in Valladolid, Spain. Dr Fan presented 'Microwave activation of cellulose hydrolysis', and Dr Moity presented 'S4 (sustainable solvents selection service): a tailor-made service to replace hazardous solvents and to promote bio-based products'.

Dr Fan won the Royal Society of Chemistry poster competition at the International Conference on Clean Energy in Qingdao, China, with 'Direct microwave-assisted hydrothermal depolymerisation of cellulose'.

For the EU Year Against Food Waste, EUBIS, a European Co-operation on Science and Technology Action on food waste co-ordinated by York, organised a workshop in Athens to discuss the challenges and opportunities of food waste in the future of the European food chain. Participants included Professor James Clark, Dr Jeff Eaves, Katie Privett and Jo Parkes, poster prize entrants Dr Moity and Lucie Pfaltzgraff, and Dr Carrie Bradshaw (Law), who spoke about legal tools and barriers in developing food waste initiatives.

PhD student Kate Horner spoke about gender equality in higher education institutions at a 'Gender bias' workshop at the Cavendish

Laboratory, University of Cambridge.

Professor Paul Walton gave the keynote lecture at the University of Portsmouth's Athena SWAN conference and spoke to the EPSRC's most-funded physical scientists on gender equality.

Professor Dave Smith presented 'LGBT scientists: where are they and does it matter?' at the University of Liverpool and attended a Royal Society of Chemistry lunch at the House of Commons to discuss diversity issues in science. He also presented 'Life-saving chemistry: from medicine to nanomedicine' at the Irish Science Teachers' Association meeting in Galway and gave a public lecture in Brigantes pub for 'Pint of Science'.

PhD student Christiana Kitsiou presented her research on the design of novel chemical reactions to produce libraries of valuable compounds for use in the discovery of new medicines at Parliament for SET for Britain.

The Clarke Group updated their highly cited review on 'Strategies for the construction of tetrahydropyran rings in the synthesis of natural products'.

Professor Duncan Bruce's three-volume *Inorganic Materials Series*, co-edited by Professors Dermot O'Hare (Oxford) and Richard Walton (Warwick), has been published by Wiley.

Dr Anne-Kathrin Duhme-Klair and Professor Keith Wilson were awarded £628k by the EPSRC for their project 'Siderophores as anchors in artificial metalloenzymes'.

Professors Gideon Davies and Paul Walton were awarded nearly £750k by the BBSRC for their study 'Dissecting and exploiting lytic polysaccharide monoxygenases'.

Joy Parvin joined a chemical processing

STAFF NEWS



Professor Gideon Davies FRS (Chemistry) has been elected to the Fellowship of the Academy of Medical Sciences. Professor Davies was recognised for his contribution to our

understanding of enzyme mechanisms and carbohydrate biochemistry, which impacts on areas ranging from biofuels and industrial enzymes through to pioneering work on compounds currently under clinical development such as anti-Alzheimer's agents.



Dr Roger Sturmeay (Hull York Medical School) has been invited to join the Scientific Advisory Committee of the Association of Clinical Embryologists, an elected group

of highly experienced and committed senior embryologists and laboratory managers who are specialists in IVF, ICSI and associated fertility treatments and their surrounding ethical and moral issues.



Professor Roy Sainsbury has been appointed the new Director of the Social Policy Research Unit taking over from

Professor Gillian Parker. She is stepping down after eight years to concentrate on her research into dementia.



Professor Helen Fulton (English and Related Literature) has been elected a Fellow of the Society of Antiquaries.



Professor Robert Slavin (Institute for Effective Education) has received an honorary doctorate from University of Groningen in the Netherlands, on the occasion of its 400th anniversary.



In the Emerald Literati Network Awards for Excellence, **Stephen Town** (Information Directorate) was named 2014 Outstanding Paper Winner for Performance Measurement and Metrics for 'Developing a values scorecard'.



Dr Jamie Walton (Mathematics) joins Dr Alan Haynes' research group as postdoctoral research assistant on an EPSRC-funded project. His interests include aperiodic order, algebraic topology, sheaf theory and dynamical systems.

sector market visit to India, where she spoke to leading industrialists about the CIEC Promoting Science and the Children Challenging Industry programmes for primary school pupils and teachers, and attended the Indian Chemical Industry Outlook Conference.

Economics and Related Studies

At the CESifo 'Public Sector Economics' and 'Macro, Money and International Finance' conferences in Munich, Dr Paul Schweinzer presented 'Consuming your way to efficiency', co-authored by Thomas Giebe (Technische Universität Berlin) and 'Auctioning risk', co-authored by Bettina Klose (University of Zurich). Professor Mike Wickens presented 'Sovereign credit ratings in the European Union: a model-based fiscal analysis'.

Dr Stephanie von Hinke Kessler Scholder presented 'Getting a healthy start? Nudge versus economic incentives' at the University of Oxford, and in Essen, Germany.

Professor Luigi Siciliani gave evidence for the Northern Ireland Assembly's Health Committee, spoke on 'Waiting time policies: what works' at the Italian Ministry of Health, and presented 'Should incentive schemes be high-powered or low-powered in the presence of motivated agents?', co-authored by Dr Miltos Makris (Southampton), at the University of Tor Vergata in Rome and the Public Economics UK conference in Bristol. Professor Siciliani also spoke at the University of Newcastle, and presented co-authored research at the 'Hospital Competition and Reimbursement' workshop, Paris.

Professor Andrew Jones joined the Health and Biomarker committee for the 'Understanding Society' national panel dataset; presented 'Long-term health returns to quality of schooling: the roles of selection and heterogeneity', co-authored by Dr Pedro Rosa Dias (York) and Dr Anirban Basu (Washington), at the University of Gothenburg, Ca' Foscari University of Venice, and the University of Lugano; and gave a course on 'Data visualisation and health econometrics' at the Australasian workshop on Econometrics and Health Economics in Freemantle, Australia.

PhD student Christoph Kronenberg spoke about 'Mental health benefits from work-related training' at the German Health Economics Conference; the University of Leeds; the Rheinisch-Westfälisches Institut für Wirtschaftsforschung, Essen; and the IZA Summer school, Ammersee, Germany.

Dr Matthias Morys participated in a panel discussion on the 'Persistent economic backwardness of Central, East and South-East Europe', and presented 'Did financial market underdevelopment hold back economic growth? Evidence from South-East Europe, 1870s-1939' at the Verein fuer Sozialpolitik in Regensburg, Germany. He also spoke to the Banks of Greece and Albania on 'Gold standard lessons for the Eurozone'.

Professor Karen Mumford served as Vice Chair on the ESRC Seminar Commissioning Panel and on the Gender Equality Mark Trial Panel for the Equality Challenge Unit. Her paper with Professor Peter Smith, 'Peer salaries and gender differences in job satisfaction in the workplace' was published by *The Manchester School*.

At the Royal Economic Society conference in Manchester, Professor Mumford participated in a roundtable debate on publishing; PhD student

Oswaldo Lagares Feliz presented 'Domestic and imported capital, economic growth and relative income differences in Latin America'; and PhD student Richard McManus presented 'Who is afraid of austerity? The redistributive impact of fiscal policy in a DSGE framework', co-authored by Professor Gulcin Ozkan and Dawid Trzeciakiewicz (Birmingham).

Professor Ozkan was interviewed by *Levant TV* about political and economic risks during the presidential elections in Turkey and wrote about the Turkish twitter for *The Conversation*, which also featured an article on climate change economics by Dr Jacco Thijssen.

Dr Judith Spicksley presented 'A national treasure: the life and times of Mistress Joyce Jeffreys, 1638/48' to the Woolhope Naturalists' Field Club.

Dr Mike Thornton spoke on 'Time aggregation of continuous time mixed stock-flow processes' at the University of Durham.

Dr Paulo Santos Monteiro presented 'Testing for optimal monetary policy via moment inequalities', written with Laura Coroneo (York) and Valentina Corradi (Surrey), at KU Leuven and the University of Lancaster.

Professor Tony Culyer is Editor-in-Chief of the newly published three-volume *Encyclopedia of Health Economics*. He spoke on 'Four issues in cost-effectiveness analysis and health technology assessment: a view from the touchline' at the HTASLink conference in Beijing; 'Prenatal health economics' at the London School of Hygiene and Tropical Medicine; and 'Why do we/should we do economic evaluations?' at the *International Society for Pharmacoeconomics and Outcomes Research* meeting in Montreal. Professor Culyer's review of the Disease Control Priorities Network program at the University of Washington, Seattle, was submitted to the Bill and Melinda Gates Foundation; he chaired a joint meeting of NICE International and the Gates Foundation in London; and he spoke at the House of Lords launch of the Gates Foundation 'Reference case' for economic evaluations of health interventions.

Dr Giacomo De Luca presented 'Do girls pay the price of civil war? Violence and infant mortality in Congo' at the Centre for the Study of African Economics conference on Economic Development in Africa, Oxford, and 'Mafia in the ballot box' at the University of Portsmouth; Queens University, Belfast; and the European Public Choice Society in Cambridge.

Professor David Mayston spoke on 'Data envelopment analysis and the quality frontier for public services' at the Data Envelopment Analysis Conference in Kuala Lumpur, Malaysia.

Professor Yongcheol Shin spoke about 'Dynamic panels with threshold effect and endogeneity', 'Quantifying informational linkages in a global model of currency spot markets', 'FARVaR' and 'Dynamic Panel Data Modelling' at the Universities of Queensland, Melbourne, Monash and MacQuarie in Australia and Canterbury and Waikato in New Zealand.

Sky News, *BBC News* and *BBC Radio York* interviewed Professor Karl Claxton about the National Institute for Health and Care Excellence's refusal to sanction the use of breast cancer drug trastuzumab emtansine by the NHS.

PhD student Ricky Kanabar presented 'Unretirement in England: an empirical approach' at a HM Revenue and Customs and Treasury joint

seminar in London and 'To defer or not defer: state pension in a lifecycle model', co-authored by Professor Peter Simmons, at the Netspar International Pensions Workshop in Venice.

Professor Keith Hartley presented 'Strategic bombing in WWII: an economic analysis' at a conference in honour of Professor Ron Smith (Birkbeck), University of London.

PhD student Stefan Nikolic spoke about 'Determinants of industrial location: the kingdom of Yugoslavia in the interwar period' at University College London and the London School of Economics.

Professor Peter Spencer presented 'Modelling US bank CDS spreads during the global financial crisis with a deferred filtration pricing model' at the INFINITI Conference on International Finance in Florence.

Education

Dr Gillian Hampden-Thompson spoke on 'Family instability and the educational persistence of young people in England' at Child Trends, Washington DC; 'Combining large-scale secondary analysis with in-depth qualitative methods' at the University of Maryland; and 'Palestine refugee dropouts in the Middle East' at Pennsylvania State University.

The *Curriculum Journal* published Dr Victoria Elliott's article 'The treasure house of a nation? Literary heritage, curriculum and devolution in Scotland and England in the twenty-first century', and she presented 'Training examiners: (why) does it work?' at Ofqual.

Dr Kathryn Asbury spoke about genetics and education at the University of Bristol and was keynote speaker at the *Spectator* Schools Conference in London.

Papers authored and co-authored by Professor Rob Klassen were presented at the American Educational Research Association in Philadelphia; an International Olympic Committee conference in Monaco; and the University of Oxford. He co-authored 'Applicant reactions to a situational judgment test used for selection into initial teacher training', published in the *International Journal of Educational Psychology*; 'Examining the factor structure and validity of the English precursors to boredom scales', published in *Learning and Individual Differences*; and contributed 'Teachers' self-efficacy beliefs: ready to move from theory to practice?' to *Teacher Motivation: Theory and Practice*. Professor Klassen was also part of a team that completed an Alberta Ministry of Education commissioned report on the links between teachers' professional development and their teaching efficacy.

Dr Vanita Sundaram's book *Preventing Youth Violence: Rethinking the Role of Gender in Schools* was published. She spoke on 'Lad culture' at the NUS national summit at London South Bank University and delivered papers on young people's views on violence at the British Sociological Association conference; the Research Centre for the Social Sciences; and the Centre for International Education, University of Sussex. Dr Sundaram also organised a conference, 'Educating Young People about Sex: Addressing Issues of Gender, Sexuality and Diversity', with the Centre for Research on Education and Social Justice and Masaryk University, Czech Republic.

Dr Benedetta Bassetti presented 'Effects

of orthographic forms on second language phonology' at the New Sounds in the North East workshop, University of Newcastle and joined the Editorial Board of the *International Journal of Bilingual Education and Bilingualism*.

Dr Danijela Trenkic was interviewed for the *Guardian* article 'Language learning: what motivates us?' which featured the work of former PhD student Liviana Ferrari.

The *International Journal of Development Education and Global Learning* published Dr Eleanor Brown's article 'Fair-minded critical thinking in development education: reflections on pedagogies for transformation'.

Professor Leah Roberts gave a plenary talk on 'Cross-linguistic influences in L2 processing' at the Lexical Studies Research Network conference, Cardiff.

Dr Emma Marsden gave evidence to the A Level Content Advisory Board as the representative of the British Association of Applied Linguistics. She presented 'The IRIS project: a critical evaluation and look ahead' at the University of Leicester and 'What learners perceive and process from the input: implications for learning and teaching grammar' at the Innovation in Language Teaching Conference, University of Leeds. *Language Learning* awarded Dr Marsden and Dr Kara Morgan-Short (Illinois at Chicago) a grant to investigate 'The effects on comprehension of attending to form: a multi-site replication study'. At the Vrije Universiteit in Brussels 'L2 Instruction, Cognitive Processes and L2 Difficulty' symposium, Dr Marsden gave a keynote speech and PhD student Rowena Hanan presented her research. Dr Marsden and Rowena received funding from the British Association of Applied Linguistics to host a teacher-researcher workshop on foreign languages in primary schools which was led by staff and PhD students from the Centre for Language Learning Research and the Universities of Southampton and Reading.

Dr Poppy Nash presented 'Managing behaviour problems in those at risk of exclusion from school' at the Primary Care and Public Health conference in Birmingham.

Dr Kevin McManus spoke at a workshop at the Université de Perpignan via Domitia, France, and co-authored 'Exploring the acquisition of the French subjunctive: local syntactic context or oral proficiency?' and "'Repeat as much as you can': Elicited imitation as a measure of oral proficiency in L2 French' in *Measuring L2 Proficiency: Perspectives from SLA*. He also co-authored 'The development of the subjunctive in French L2: a longitudinal study', presented at the 'Expression of Temporality in L2 French and English' conference at the Université de Montpellier 3, France, alongside Dr Norbert Vanek's talk, 'On the crosslinguistic parallels in developing strategies for temporal information organisation: evidence from Czech and Hungarian intermediate level learners of English'. Dr Vanek has been awarded an Early Career Grant from the Leverhulme Trust of over £305k to research 'Conceptual reorganisation in highly advanced second language learners'. At the 'Matters of the Mind: Psychology and Language Learning' conference in Graz, Austria, Dr Florentina Taylor's papers 'Researching the L2 self: why, so what, now what?', and 'Identity change and imagination in international students in the UK', co-authored by Martin Lamb (Leeds) were presented. She contributed 'Relational

STAFF NEWS



Marta Soares (Centre for Health Economics) received the 2014 ISPOR Award for Excellence in Application of Pharmacoeconomics and Health Outcomes Research for her article in **Medical Decision Making** on 'Methods to assess cost-effectiveness and value of further research when data are sparse: negative-pressure wound therapy for severe pressure ulcers'.



Dr Antonina Mikocka-Walus (Health Sciences) has been appointed Associate Editor of the *Australian Journal of Psychology*.



Dr Beatrice Szczepk Reed (Education) is the recipient of the first White Rose Doctoral Training Centre Supervisor of the Year Award. Students from Social Sciences departments

from the Universities of York, Leeds and Sheffield were asked to provide nominations for the shortlist.



Dr Emma Marsden (Education) has been appointed Associate Editor of *Language Learning* from January 2015.

Lunchtime lessons for administrators

University staff are invited to hear from a range of guest speakers at new lunchtime meetings held by the York branch of the Association of University Administrators (AUA).

Taking place on the last Thursday of each month and open to non-members, the events are just one of the opportunities offered by the AUA, which aims to promote the professional recognition and development of people in professional services roles in higher education, and be a champion for the sector.

To find out more about the AUA at York visit www.york.ac.uk/aua



York Branch Advocate Sam Bayley recently completed the AUA Postgraduate Certificate and has been nominated to the AUA Board of Trustees

YUSU Excellence in Teaching and Supervision Awards

The annual YUSU Excellence in Teaching and Supervision Awards are a student-led celebration of excellence across the University. A panel of judges drawn from the University, YUSU and current students awarded the prizes in the following categories:

Academic Officer's Award for Outstanding Commitment to Student Engagement: the Library; **Departmental Award for Supervision:** Department of Music; **Departmental Award for Teaching:** Department of Language and Linguistic Science; **Demonstrator of the Year:** Sindhu Krishna (Chemistry), with Danielle Jowett and David Pugh (Chemistry) highly commended; **Innovative Use of Technology Award:** Dr Sara Perry (Archaeology), with Professor Alex Wade (Psychology) and Professor Phil Ineson (Biology) highly commended; **Inspirational Lecturer Award:** Dr Norman Yeo (Language and Linguistic Science), with Reverend Dr David Efid, Rachel Lavelle (Health Sciences), Professor Paul Walton (Chemistry) and Dr Louise Jones (Biology) highly commended; **Outstanding Feedback Award:** Professor Quentin Summerfield (Psychology), with Dr Peter Mayhew (Biology) highly commended; **Postgraduates Who Teach Award:** Rebecca Lyons (English), with Emilio Zappa (Mathematics) and Laura Nicklin (Education) highly commended; **Promoting Employability Award:** Dr Daniel Ungar (Biology); **Supervisor of the Year:** Dr Keith Allen (Philosophy), Dr Áine Sheil (Music), Dr Jeremy Goldberg (History), Dr Cath Jackson, Helen Tilbrook, and Gerri Kaufman (Health Sciences), with Professor Bill Brooks (Music), Professor Teresa Da Silva Lopes (Management), Professor Calvin Dythman and Dr Richard Waites (Biology) highly commended; **Teacher of the Year:** Cathy Dantec (Language and Linguistic Science), with Dr Charlotte Riley and Professor Katy Cubitt (History) highly commended; **Unsung Hero of Non-Academic Staff:** Heather Cork (Mathematics), with Silas Hogg (Ron Cooke Hub Café) and the Library Twitter Team (Information Directorate) highly commended.



Deputy Vice-Chancellor and Pro-Vice-Chancellor for Students, Dr Jane Grenville, presents a Supervisor of the Year Award to Dr Jeremy Goldberg (History)

views of the self in SLA' to *Multiple Perspectives on the Self in SLA*, and was one of six influencers selected to participate in a virtual discussion about the need for a global measure of English language proficiency for the Language Testing Research Colloquium in Amsterdam.

Dr Irena Kuzobrska spoke on 'The role of context in meaning construction: a longitudinal study of international students' reading perspectives' at the Intercultural Pragmatics and Communication conference, University of Malta.

PhD student Erdem Akbas contributed 'Are they discussing in the same way? Interactional metadiscourse in Turkish writers' texts' to *Occupying Niches: Interculturality, Cross-culturality and Aculturality in Academic Research, Second language Learning and Teaching*.

The *Journal of Adaptation in Film and Performance* printed Dr Sarah Olive's article, 'Fabricated evidence: exploring authenticity in a murder mystery's appropriation of early modern drama'.

Dr Sally Hancock co-authored 'Beyond knowledge and skills: rethinking the development of professional identity during the STEM doctorate' in *Studies in Higher Education*.

Professor Chris Kyriacou gave the keynote presentation, 'A social pedagogy perspective on bullying in schools', at the Bullying and Cyberbullying Across Europe Conference in Athens.

Dr Paul Wakeling presented 'Institutional stratification and social stratification: evidence from the Great British Class Survey', co-authored by Mike Savage (LSE), at 'Making a market in higher education: changing landscape, continuing inequalities?' hosted by the British Sociological Association Education Study Group.

The British Academy has funded Dr Zoe Handley's project 'Investigating oral fluency and its development among Chinese overseas students'.

Dr Jan Hardman, Professor Frank Hardman (IEE) and Professor Robin Alexander (Cambridge Primary Review Trust), have been awarded over £400k by the Education Endowment Fund for their project 'Classroom talk, social disadvantage and educational attainment: closing the gap, raising standards'.

Professor Ian Davies was the keynote speaker at an 'Active Citizenship' conference organised by the Cyprus Pedagogical Institute, the European University of Nicosia and the European Communal Fund.

Professor Davies, Dr Vanita Sundaram and Dr Gillian Hampden-Thompson are among the authors of *Creating Citizenship Communities*, a new book which completes a project funded by the Esmée Fairbairn Foundation and conducted in partnership with the National Foundation of Educational Research.

Effective Education, Institute for

The IEE has launched two new books compiling the 'best of' their *Better: Evidence-based Education* magazine, and two new issues of *Better*, exploring parents and schools, and improving maths attainment.

The latest UNESCO *Education for All Global Monitoring Report* includes Professor Frank Hardman's review of teacher support and development interventions for Save the Children, and research on the impact of school-based training on pedagogical practice in Kenyan primary schools. Professor Hardman has also

co-written a new systematic review, funded by the Department for International Development, exploring the sustainable scale-up of low-cost private schools in South West Asia.

The IEE has launched an easy-to-use database of education programmes in the UK, with evidence ratings, costs and links to find out more: www.evidence4impact.org.uk.

Dr Pam Hanley contributed an article on the creationism versus science debate to *The Conversation*.

Dr Louise Tracey spoke at the Education Endowment Foundation Evaluator's Workshop.

Dr Mary Sheard attended the launch of the European Literacy Policy Network in Vienna.

Dr Tracey Bywater wrote about the impact of the Incredible Years parenting programmes on parental depression and service use in *BMC Health Services Research*. She also gave a keynote speech on 'Implementation science and the importance of fidelity' at a Buckinghamshire County Council professional development event for educational psychologists. Dr Bywater's co-authored paper 'Targeted vs universal provision of support in high-risk communities: comparison of characteristics in two populations recruited to parenting interventions', published in the *Journal of Children's Services*, was highly commended in the Emerald Literati Network Awards for Excellence.

English and Related Literature

Jonathan Brockbank arranged traditional music and dances for *The Entry of Christ into Jerusalem*, one of a series of Wagon Plays in York.

Geoffrey Wall's book *The Enlightened Physician: Achille-Cléophas Flaubert 1784-1846*, was published.

Professor Linne Mooney's book, *Middle English Texts in Transition: A festschrift dedicated to Toshiyuki Takamiya on his 70th birthday*, edited with Professor Simon Horobin (Oxford), was published.

Environment

Dr Andy Marshall presented a summary of conservation work in British zoos to the British Zoo Association AGM at Yorkshire Wildlife Park, and visited a threatened forest and taught a statistical methods course at the Sokoine University of Agriculture in Tanzania. Dr Marshall and the CIRCLE (Collaboration for Integrated Research, Conservation and Learning) team discussed endangered mammal conservation on *BBC Radio York* and *BBC Look North* and held a Bioblitz event, identifying 409 native species in 24 hours. They launched a volunteer group for people wanting to help with practical environmental management, education, or animal welfare work: www.facebook.com/circle.volunteers.

Dr Rob Marchant attended the opening workshop at UCL for a new collaborative international project, supported by the Swiss National Science Foundation, examining the relationships between climate change and the spread of iron technologies, crops and people across the African continent.

Dr Murray Rudd attended the opening meeting of a project creating a new tropical coastal resilience working group at the National Socio-Environmental Synthesis Centre, Maryland. Dr Rudd presented his survey of global ocean research priorities to the Land-Ocean

Interactions in the Coastal Zone scientific steering committee in Hamburg and was an adjudicator for the Baltic Sea Region science programme on sustainable ecosystem services in Helsinki.

PhD student Juliana Lopez Angarita received a gold award from Santander International Connections to organise an ocean film festival in Colombia.

MSc student Ragga Friðriksdóttir has received funding from the Alistair Downes memorial fund and Santander International Connections to conduct research on nearshore fish community composition and trophic ecology in southeast Alaskan estuaries.

Professor Callum Roberts gave the annual Zoological Society of London Stamford Raffles Lecture on 'The past and future of UK seas' and presented 'Shifting baselines: why we so readily accept the progressive decline of the natural world' at the Linnean Society of London.

Dr Bryce Beukers-Stewart attended the Clyde 2020 Summit in Glasgow, which united key players in UK marine management to produce a restoration plan for the Clyde marine ecosystem. His article for *The Conversation* on the implementation of the European fisheries discard ban gained considerable attention online.

At the Gumilyov Eurasian National University, Astana, Kazakhstan, Professor Alistair Boxall was a Visiting Professor, delivering a summer school on ecotoxicology and environmental risk assessment and discussing a potential collaboration on the topic of rapid urbanisation and the natural environment.

The Department is one of the international partners on the Resilience in East African Landscapes project, a Marie Curie Initial Training Network. The focus is to understand the historical and current state of human-environment interactions in East Africa in order to innovatively tackle current environmental and cultural problems, and establish climate-risk and ecologically sustainable resource management and effective development policies.

Health Economics, Centre for

Professor Mark Sculpher presented 'Societal perspective in economic evaluation: easier said than done' at the Swedish Health Economics Association in Lund.

Anne Mason spoke on 'Financial mechanisms for integrating funds for health and social care' at the Conference on Integrated Care in Brussels.

Dr Rowena Jacobs presented 'Does higher quality primary care for people with serious mental illness affect hospital admissions and resource use?' at the Ca' Foscari University of Venice.

'Hospital variation in patient-reported outcomes' by Nils Gutacker, Dr Chris Bojke, Dr Silvio Daidone, Dr Nancy Devlin and Professor Andrew Street, was awarded the prize for best scientific paper by the EuroQoL group.

PhD student Idaira Rodriguez won a poster presentation award at the Conference of Health Economics in Pamplona, Spain for her work with Natalia Pascual Argente on 'Social determinants of mental health: empirical evidence for Catalonia (2010/12)'.

Health Sciences

Professor Patrick Doherty gave a keynote presentation at the Northern England Clinical Networks conference on Cardiovascular Rehabilitation in Heart Failure and was a co-

author of the Joint British Societies' consensus recommendations for the prevention of cardiovascular disease.

Professor Karen Bloor presented a co-authored paper, 'Comparing hospital performance within and across countries using administrative data: illustrative study of revascularisation in five European countries', at the European Health Policy Group in Pisa, and spoke to finance teams from the Western Norway Regional Health Authority about funding streams in the NHS.

Dr Lu Han spoke about financing outpatient care at the InterQuality project conference in Brussels.

Dr Peter Knapp spoke to the North West Region Consent Working Group on 'Redesigning and user testing consent forms for trials' at the University of Liverpool, and became a member of an advisory group to the Health Research Authority on the revision of the National Research Ethics Service website for research applicants.

Richard Morley was appointed James Lind Alliance Adviser, and attended the Tissue Viability Society conference.

Dr Antonina Mikocka-Walus presented 'Antidepressants to maintain remission and improve quality of life and mental health in Crohn's disease patients: a pilot randomised placebo-controlled trial' at the Broad Foundation Investigator Meeting in Los Angeles.

Charlie Lloyd presented 'The "Recovery Revolution" spreads to British prisons: the case of drug recovery wings' at the International Society for the Study of Drug Policy conference in Rome; spoke at a Westminster briefing event on drug recovery wing pilots; co-organised 'The Policing of Drugs and Alcohol: A Research Agenda' in Darlington; spoke at the N8 event on policing drugs and alcohol at the University of Leeds; and was appointed to the Department of Health Advisory Group on hospital-based alcohol services.

Professor Tim Croudace participated in the British Academy expert workshop on Processing Speed and Cognitive Ageing in Edinburgh and attended the inaugural scientific meeting of Farr Scientific Research Forum.

Jan Böhnke was appointed Interim Professor in Psychological Diagnostics and Assessment at the Institute of Psychology, University of Kassel. He spoke on 'The use of log-linear structural equation models to aggregate quality of life data: applications in psychometrics and health economics' at the Economics Research Seminar, University of Regensburg, Germany and organised the UK Rasch User Group Day with Professor Tim Croudace and Adam Smith.

Karen Overend presented a poster on the CASPER Plus qualitative study at the Primary Care Mental Health conference in Exeter.

Dr Lorna Fraser was appointed Chair of the Together for Short Lives data for children's palliative care service development and delivery taskforce and was keynote speaker at the 'Together for Short Lives' conference in Birmingham.

Dr Elizabeth Hughes spoke about intimate partner violence at the Institute of Psychiatry, King's College London, and was an expert witness for the all-party parliamentary committee on complex needs at a House of Lords enquiry. She also spoke at the Tees, Esk and Wear and Leeds City Dual Diagnosis network events.

Vice-Chancellor's Teaching Awards 2014

The Vice-Chancellor's Teaching Awards recognise and reward staff members who demonstrate excellence in teaching or learning support at York.

Awards were presented at this summer's graduation ceremonies to Matt Cornock (Web and VLE Co-ordinator, Social Policy and Social Work); Dr Paul Genever (Biology); Dr Zoe Handley (Education); Kate Horner (PGWT, Chemistry); Dr Nick Jones (Philosophy); Alison Leonard (PGWT, Archaeology); Professor John Schofield (Archaeology); Dr Jacco Thijssen (Economics); Dr Gavin Thomas (Biology); Dr Nick Wood (Chemistry); and Dr Stephanie Wynne-Jones (Archaeology).

Medical School rewards excellent student support

HYMS students have honoured staff across the local NHS with the Hull York Medical School Clinical Teaching Excellence Awards.

Winners from the Northern Lincolnshire and Goole NHS Foundation Trust were Dr Bashar Yasso, Dr Olanrewaju Wilson, and Dr Jayam Lazarus (Clinical Teachers of Excellence); the Scunthorpe Student Liaison Office (Administrative Support Excellence Award); and the Grimsby Paediatric Team led by Dr Hassan Al-Moasseb and Dr Jovita Ojadi (Team Excellence Award).

Winners from the York Teaching Hospital NHS Foundation Trust were Dr Claire Wensley, Dr Rome Sigsworth, and Joanne Whitehead (Clinical Teachers of Excellence); Helen Balawajder (Administrative Support Excellence Award); and Belgrave Surgery, Scarborough (Team Excellence Award).

Winners from the Hull and East Yorkshire Hospitals NHS Trust were Professor Sunil Bhandari, Dr Kanan Pande and Dr David Hepburn (Clinical Teachers of Excellence); the Student Liaison and Clinical Skills Facilitator Team at Hull led by Ros Low (Administrative Support Excellence Award); and the Elderly Short Stay Unit led by Dr Kirsten Richards at Hull Royal Infirmary (Team Excellence Award).



Some of the prize winners with Hull York Medical School Dean, Professor Trevor Sheldon

Royal award for enterprising student



HRH The Duke of York and Alex Kontos

Second-year Electronic student, Alex Kontos, has received the prestigious Duke of York Young Entrepreneur Award.

Alex founded the Waterfox web browser from his bedroom three years ago and it now has more than 3m users worldwide. He represented the University at the Pitch@Palace event hosted by the Duke at St. James's Palace, before receiving the award at the University of Huddersfield.

"It was quite a surprise to be awarded the Duke of York award, but it is great to see how hard work has paid off. I could not have done it without the wonderful members of the Careers team who helped instil the confidence I needed to progress as far as I had. I am eternally grateful to them," said Alex, who is now in talks to secure significant investment in Waterfox to grow the browser and the brand.

Excellence award for Information Directorate

The Information Directorate has become the first York team to be awarded the Customer Services Excellence (CSE) standard.

The government-backed scheme recognises services that are efficient, effective, excellent, equitable and empowering.

Morag Lehrle and Jackie Knowles led a team of CSE Champions from the Library, IT and Archives to prepare the submission and introduce improvements including a mystery shopping pilot, service standards and a customer charter.

CSE Assessor Laura Dean said, "The Information Directorate is a highly customer-focused service delivered by staff who are professional, polite and helpful. It is forward-thinking and proactive, and considers the needs of all customers actively working to enhance services for those not currently engaged."

To find out more visit www.york.ac.uk/library/news/2014/cse/ or contact Jackie Knowles (jackie.knowles@york.ac.uk).

Dr Shezad Ali gave a poster presentation, 'Which costs does obesity cause besides health care costs?' at the European Congress of Obesity in Bulgaria.

Professor Hilary Graham presented 'Protecting future generations: a springboard for behaviour change' at the World Health Organisation intergovernmental panel on climate change in Bonn, Germany, and represented the ESRC on a new cross-research council steering group for food, nutrition and health.

Professor Karl Atkin spoke on 'Models and theories of disabilities: implications for public health research' at a workshop organised by the National Institute for Health Research public research board and chaired public outreach meetings for organisations representing sickle cell and thalassaemia in Leicester.

Dr Kate Flemming was elected to the Methods Application and Review Standards Advisory Committee for the Cochrane Collaboration and spoke at the Palliative Care Congress decision-making masterclass with Professor Carl Thompson.

Paul Galdas presented 'Potential strategies for engaging men about Hepatitis C: an event to discuss best practice and learnings from other therapy areas' at the European Association for the Study of the Liver Congress.

Dr Cath Jackson and Sara Rodgers presented their poster, 'Experiences of health literacy in healthcare, disease prevention and health promotion: a qualitative systematic review', at the 'Health Literacy: Healthy Living' conference at Keele University.

Professor David Torgerson trained staff at the Department of Business, Innovation and Skills and National Institute for Health Research on how trial units can be strengthened, and trained panel members of the Educational Endowment Foundation in randomised trial design.

Professor Karen Spilsbury presented 'Theoretical and practical issues in redesigning nursing care in acute care hospitals' to a virtual symposium hosted by Seoul National University.

The Department welcomed a team of diabetes specialists from Takamatsu, Japan including Naomi Taniwaki, the first Japanese nurse consultant equivalent in diabetes care, and Dr Yukio Tomioka, a leading spokesperson and clinician for diabetes.

History

Dr Sarah Rees Jones and Dr Sethina Watson spoke at a conference on 'The Perception and Performance of Social Identities in European Towns, 1100-1300' at the University of Ghent.

Dr Rees Jones also presented 'Between saints and sinners: building utopia in England, 1150-1250' at the University of Oxford.

Language and Linguistic Science

At University College Dublin, Dr Dominic Watt gave a lecture for the 'Law and Language' module and spoke about the role of the forensic phonetician in the criminal justice system. Dr Watt and Dr Carmen Llamas presented their research on language and identity on the Scottish/English border at the University of Oregon at Eugene, USA, and at the Conference on Northern British English at the University of Rouen, France.

Dr Heather Marsden, Thomas Jochum-Critchley, Melinda Whong (Leeds) and Kook-

Hee Gil (Sheffield), organised a workshop for language teachers and language learning researchers on 'Building a dialogue between language teaching and second language acquisition theory' for the White Rose Network for the Interdisciplinary Study of Second Language Learning.

Mathematics

Professor Zdzislaw Brzezniak co-organised an international workshop on 'Stochastic processes and differential equations in infinite dimensional spaces' at King's College London, supported by the Engineering and Physical Sciences Research Council and London Mathematical Society, and presented 'On the stochastic Strichartz estimates and the stochastic nonlinear Schrödinger equation on a compact Riemannian manifold driven by Poisson noise'. At a meeting on stochastic partial differential equations and applications at the International Centre for Mathematical Research, Levico Trento, Italy, Professor Brzezniak presented 'Quasipotential and exit time for 2D stochastic Navier-Stokes equations driven by space time white noise', co-authored with Dr Sandra Cerrai and Professor Mark Freidlin (Maryland). Professor Brzezniak also organised the East Midlands Stochastic Analysis Seminars meeting.

Dr Boda Kang presented a poster, 'Pricing interest rate derivatives in a multifactor HJM model with time dependent volatility', at the Congress of the Bachelier Finance Society in Brussels and spoke at the Society of Computational Economics Conference on Computing in Economics and Finance in Oslo and the Global Derivatives Conference in Amsterdam.

Dr Roger Colbeck presented 'Is a system's wavefunction uniquely determined by its underlying physical state?' at the Sydney Meeting on Quantum Foundations and the Sydney Centre for the Foundations of Science, Australia; 'Device-independent QKD: what it can provide and open challenges' at the Bristol Quantum Information Technologies Workshop; and attended the Quantum Information Processing Conference in Barcelona.

Dr Stephen Connor continued his collaboration with Professor Hermann Thorisson in Reykjavik.

Dr Henning Bostelmann participated in the LQP34 workshop at the Institute for Quantum Gravity, Erlangen, Germany.

PhD students Dandan Yang, Rida-E Zenab and Thomas Quinn-Gregson attended the AAA88 workshop on general algebra at the Warsaw Centre of Mathematics and Computer Science, where Dandan presented 'Maximal subgroups of free idempotent generated semigroups' and Rida-E Zenab presented 'I-Zappa Szép products', also presenting 'A-semidirect products via inductive categories' at a workshop on algebra and its applications in Estonia. Tom Bullock presented a poster at the Central European Quantum Information Processing Workshop, Znojmo, Czech Republic.

At the Complex Systems of Interacting Particles Workshop at the Centre for Interdisciplinary Research, Bielefeld University, Germany, Dr Gustav Delius presented 'Coupling size and space in stochastic population models'; Dr Jon Pitchford spoke on 'Complexity, stability and reality in ecological networks'; and collaborative research was presented on 'Gibbs

states of amorphous media' by Dr Alexei Daletski with Dr Yuri Kozitsky (Lublin, Poland), Dr Tatjana Pasurek and Professor Yuri Kondratiev (Bielefeld).

At the International Society of Nonparametric Statistics Conference in Cadiz, Professor Wenyang Zhang presented 'An iterative estimation procedure for generalised varying-coefficient models with unspecified link functions' and Dr Degui Li presented 'A flexible semiparametric forecasting model for time series'.

Professor Reidun Twarock presented 'More than a passive passenger: the co-operative roles of ssRNA viral genomes in plant and animal virus assembly open up novel routes to antiviral intervention' at the Pirbright Institute.

At the Perimeter Institute, Canada, Dr Kasia Rejzner presented 'From locally covariant QFT to quantum gravity'.

At the Erwin Schrodinger Institute Algebraic Quantum Field Theory Workshop, Vienna, Dr Rejzner presented 'Quantum gravity from locally covariant quantum field theory: recent results and new perspectives'; Professor Christopher Fewster spoke on 'Algebraic quantum field theory in curved spacetimes'; and PhD student Benjamin Lang presented 'Twisted quantum fields in curved spacetimes à la C J Isham from the point of view of algebraic quantum field theory'.

At the North British Mathematical Physics Seminar, Dr Rejzner presented 'Analytic regularisation in casual perturbation theory: new results and perspectives' and PhD student Alejandro de la Rosa Gomez spoke on 'Twisted Yangian symmetry of the open Hubbard model'.

Professor Paul Busch gave a plenary talk, 'Quantum contextuality, non-locality, and the foundations of quantum mechanics', at the Wilhelm and Elsa Heraeus seminar in Bad Honnef, Germany.

Professor Sanju Velani spoke about metric diophantine approximation at the Dynamics and Analytic Number Theory Easter School at Durham, and presented 'Well on fibers and bad on curves' at the International Centre for Mathematical Meetings 'Heights, Modularity and Transcendence' conference in Marseille. Professor Velani, Dr Jason Levesley, Dr Evgeniy Zorin and Professor Victor Beresnevich hosted a workshop on interactions between number theory and wireless communication to develop interdisciplinary collaborations with academics in electronics and industrial partners.

The Quantum Information and Foundations Group hosted a workshop called 'MUBs, SICs, and All That (3)' for the White Rose Studentship Network 'Optimising Quantum Processes and Quantum Devices for future Digital Economy Applications'.

Dr Alan Haynes presented 'Constructing cut and project nets which are close to lattices' at the British Mathematical Colloquium and at the Open University Open Statistical Physics workshop, where Emilio Zappa spoke on 'Structural transitions of icosahedral quasicrystals' and James Walton spoke on 'Poincaré duality for pattern-equivariant (co)homology'.

Philosophy

Professors Peter Lamarque and Gregory Currie gave plenary lectures at a conference on 21st century theories of literature at Warwick. Professor Lamarque also spoke at a conference on ethics and aesthetics at the University of Roma Tre, Rome.

Physics

Professors Ed Boyes and Pratibha Gai gave a keynote speech, 'Introduction of AC E(S)TEM for catalysis studies with single atom sensitivity and full analytical functionality', at the Scandinavian Electron Microscopy Society Meeting in Linköping, Sweden. *Comptes Rendus* published their article 'Visualising reacting single atoms under controlled conditions: advances in atomic resolution in situ Environmental (Scanning) Transmission Electron Microscopy (E(S)TEM)'. Professor Gai also chaired the L'Oréal/UNESCO Women in Science UK fellowship panel at the Royal Society, London, and attended a meeting at the House of Commons.

Dr Roland Kröger presented 'In situ electron microscopy in liquids: new perspectives for the study of crystal formation in fluids' at the European Materials Research Society conference in Lille, France; 'Investigation of crystal growth and dissolution dynamics using fluid cell TEM and atmospheric SEM' to the Microscopy Microscience Congress in Manchester; and organised a symposium on 'In situ and Dynamic Electron Microscopy'. Dr Kröger's research group has had two papers published: 'Ultrastructure and crystallography of nanoscale calcite building blocks in *Rhabdosphaera clavigera* coccolith spines' in *Crystal Growth and Design* and 'Correlation between anisotropy and lattice distortions in single crystal calcite nanowires grown in confinement' in *Small*.

Dr Irene D'Amico gave a public lecture, 'Cycling astrophysicist: the life of Margherita Hack', for the Institution of Engineering and Technology.

At 'Pint of Science' events in York pubs, Dr Martin Smalley presented 'Feet of Clay: Where do we come from?', Dr Roddy Vann talked about 'Plasma Science: solving the energy crisis and diagnosing brewing', and Professor Sarah Thompson discussed 'Designer Magnets' with hands-on experiments by Jarod Leddy.

Politics

Dr Martin O'Neill spoke on 'Injustice, inequality and quantitative easing' at a conference on the 'Ethical dimensions of monetary policy' at the Université de Montréal, and on 'Inequality after Piketty, and what to do about it' at the University of Belgrade, Serbia.

While Visiting Fellow at the University of Basel, Professor Allison Drew presented comparative historical research on communism, authoritarianism, violence and democracy in Algeria and South Africa. She spoke about her forthcoming book *We are No Longer in France: Communists in Colonial Algeria* at the Fondation Gabriel Péri and Espace Niemyer, Paris, the Université d'Oran and the Centre d'Etudes Maghrébines en Algérie, and the Algiers Centre des Ressources, in Algeria.

The Department of Politics and the Centre for Applied Human Rights held a series of events on 'Political evil and the challenge of forgiveness', including film screenings at York City Screen and an academic workshop on 'Emotions, Politics and Violence'.

Psychology

Dr Peter Bull spoke about 'Rhetorical devices in political speeches' and 'Equivocation in political interviews' at Doshisha University, Japan.

Summer volunteers make a splash

A total of eight York students are travelling to Thailand this summer to help villagers install a new clean water system.

The Karen Hilltribes Trust works in over 400 villages in the Mae Hong Son province in Northwest Thailand, to improve health, increase children's access to education and help secure farmer's livelihoods in the area.

Rebecca Lines, Lewis Howlett, Victoria Constantinides, Joshua Douglas, Matthew Dudley, Adam Highland, Angus Plumbly and Emily Renwick will live and work alongside the Karen people for three weeks on the trip.

Many of the volunteers were recruited at a summer opportunities fair held at Derwent College, which has been working with the Trust and other local charities to promote international volunteering.



The students with Trust director Will Harnden, Derwent College Provost Dr Rob Aitken, Dr Eleanor Brown of the Department of Education, who is conducting research on student volunteering, and Trust founder Penelope Worsley

Staff survey success

The University received an overwhelming response to its latest Staff Survey which took place in May.

Over 72 per cent of staff filled in the survey, which is an excellent response rate for the sector and an improvement on the 67 per cent achieved in 2011 and 61 per cent in 2008.

The survey, which takes place every three years, invites staff opinion on topics affecting their quality of working life, such as communication, learning and development, leadership and management, health and wellbeing, and pay and benefits.

The University pledged to donate £1 to charity for every survey completed and to double this if the overall response rate exceeded 70 per cent, so a donation of £5,348 will be shared equally between St Leonard's Hospice and Yorkshire Air Ambulance.

Results for the University and individual departments will be communicated to staff over the summer, with action plans following in spring 2015.

For more information visit: www.york.ac.uk/staffsurvey

Tour de France inspires new routes into language



The winning team from Ilkley Grammar School

In the run-up to the Grand Départ, the Department of Language and Linguistic Science created and developed an online French competition, *Le Tour de France virtuel*, for secondary school pupils aged 12 to 15.

The project was led by Dr Angela O'Flaherty as part of 'Routes into Languages', a national initiative which aims to encourage the study of second languages in secondary and higher education.

Teams from 14 Yorkshire schools completed weekly creative tasks on the geography, culture and history of regions on the 2014 Tour route.

The competition culminated in a day of language activities and an award ceremony on campus. Ilkley Grammar School took home the coveted yellow jersey or 'maillot jaune', with Wakefield City Academy and Crawshaw School in second and third place.

HR's charity tee-off



Allan Aikman (Learning and Development Manager), Lynne Aikman, Paula Tunbridge (Deputy Director of Human Resources) and Gordon Kane

Members of York's Human Resources team, led by Allan Aikman and Paula Tunbridge, helped to raise over £1500 for the British Heart Foundation (BHF) at their annual golf tournament at The Oaks Golf Club in Aughton.

The funds will help to ensure that the BHF can continue to save thousands of lives through its ground-breaking research and innovative prevention and care work.

To find out more about fundraising for the BHF contact Sharon Oakley on 01904 270776 or oakleys@bhf.org.uk.

Reviews and Dissemination, Centre for

Dr Bob Phillips won the York heat of the 3 Minute Thesis competition talking about 'Predicting life-threatening infections in children with cancer'.

Social Policy Research Unit

Dr Fiona Aspinal presented 'Assessing outcomes in integrated services' at a Research in Practice for Adults 'Maintaining Quality with Reducing Resources' event in Birmingham.

Professor Yvonne Birks presented 'Ambiguities, beliefs and behaviours: the challenge to transparency in healthcare error' at the Incident Disclosure Conference, York, and the Health Services Research Network patient safety meeting, London.

Dr Jenni Brooks and Dr Wendy Mitchell presented 'Taking on and taking over support arrangements: physically disabled young adults' at Community Care Live, London.

Dr Edmund Coleman-Fountain gave a plenary presentation, 'Diversity and change of the employment prospects of persons with disabilities: the impact of redistributive and regulatory provisions in a multilevel framework', at the Foundation for International Studies on Social Security conference in Sigtuna, Sweden.

Jo Dixon gave a keynote presentation on 'Transitions to independent adult living for young people leaving care in England: a research and policy perspective' at the 'Youth without parental care: practical guidelines for the preparation of adolescents in transition from protection towards autonomy' seminar at the Latin American Faculty of Social Science in Buenos Aires, Argentina.

Kate Gridley presented 'The feasibility of studying life story work in dementia care: report from the field' at the 'Research into ageing across Yorkshire: highlighting our strengths' conference in Leeds, hosted by the Yorkshire Comprehensive Research Network Ageing Priority Group and the White Rose Network.

Dr Wendy Mitchell presented 'Involving carers in the personalisation of adult social care' at the 'Carers: informing and improving policy and practice through research and evaluation' conference at LSE, organised by the NIHR School for Social Care Research and the Social Services Research Group.

Professor Mike Stein gave the keynote presentation, 'Teenage neglect: messages from research', at the Staffordshire and Stoke-on-Trent local safeguarding children boards conference.

Social Policy and Social Work

Dr Carolyn Snell gave expert testimony to the National Institute for Care and Excellence on preventing excess winter deaths and co-authored a textbook, *The Short Guide to Environmental Policy*, with Dr Gary Haq (SEI). Dr Snell, with Dr Mark Bevan and PhD student Harriet Thomson, released the final report for their eaga Charitable Trust-funded project investigating disabled people and fuel poverty.

Enrico Reuter presented 'In or out: political strategies of the radical left in France' at the PSA conference in Manchester.

Matt Cornock received the Higher Education Academy Technician of the Year Award in recognition of his contribution to the student learning experience.

Jane Lund, Matt Cornock and Julie Allinson

(University Library) presented a poster on 'Tablets for distance learning: students and staff perspectives' at the Higher York E-learning Conference.

Dr Christine Skinner organised 'Social change in East Asian and developing countries: gender and family separation', the third seminar in her ESRC series on 'Child Maintenance: international perspectives and policy challenges'. Dr Skinner was invited to Seoul by the Gender and Family Equality Committee of the National Assembly of the Republic of Korea and the Korean Women's Development Institute to act as the UK expert advisor on the implementation of Korea's Child Support Enforcement Act, and was an academic expert for the Department for Work and Pension's research strategy on the evaluation of the child maintenance reforms.

Professor Nina Biehal presented 'Researching complex interventions' at the University of East Anglia 'Doing Research with Children' conference; 'Outcomes of reunification for maltreated children' at the Fondazione Zancan conference on Child Wellbeing, University of Padova, Italy; and 'Great expectations: multi-dimensional treatment foster care for adolescents' at the Teenagers in Foster Care conference in London, organised by the Rees Centre, University of Oxford.

The Department welcomed Isabelle Trowler, Chief Social Worker for Children and Families, and Lyn Romeo, Chief Social Worker for Adults, for an informal discussion about the social work profession with current students, staff and practice educators.

At the Innovation in Youth Work conference in London, Dr Aniela Wenham highlighted the value of qualitative longitudinal research in measuring and understanding the benefit of youth work.

Dr Martin Webber gave a plenary presentation on 'Methodological pluralism in international practice-research: better null than nil' at the International Conference on Practice Research in New York. He presented 'The connecting people intervention: findings of a quasi-experimental pilot study' at the Refocus on Recovery conference, London and the European Conference for Social Work Research, Bolzano, where he also presented 'Social intervention development and evaluation in Sierra Leone: a feasibility study'. At the same conference, the International Centre for Mental Health Social Research organised a symposium on 'International Mental Health Social Work Research: Knowledge Production and Transfer'.

As part of the SPEAX initiative, Professors Peter Dwyer and Roy Sainsbury presented findings from their research on welfare reform and conditionality at a roundtable for visiting officials from South Korea organised by Dr John Hudson and Dr Neil Lunt.

Dr Lunt was a panellist at the International Medical Travel Exhibition and Conference, Dubai, and gave a keynote speech in Seoul on 'Exporting health systems: who, what, how and where?'; presented 'Exporting the UK's healthcare system' at the Medical Korea Conference; and 'UK social policy reforms' at the Korea Institute for Health and Social Affairs.

Sociology

Undergraduate student Alicja Heisig, supervised by Dr Merran Toerien, received funding from a

Santander International Connections Award to present her paper 'Preference organisation of responses to invitations in the context of social solidarity' at the International Conference on Conversation Analysis at UCLA.

Dr Paul Johnson held a book launch supported by the National Secular Society at Conway Hall in London for his new monograph *Law, Religion and Homosexuality*.

Professor Andrew Webster held a Visiting Professorship at the University of Gothenburg and was appointed to the UK Government Department of Health's Regenerative Medicine Expert Group's committee on evaluation and commissioning. He has been awarded a £1.2m ESRC grant to explore the socio-economic aspects of regenerative medicine.

Dr Barry Sandywell presented 'Dialectic, indebtedness, ambivalence and the pursuit of analytic speech: notes on revisiting *On the Beginning of Social Inquiry*' and the closing address at the 'Revisiting *On the Beginning of Social Inquiry*' conference in Edinburgh.

York Health Economics Consortium

At the HTAi conference in Washington DC, Julie Glanville presented 'Identifying clinical trials', 'Developing an EMBASE RCT search filter', and chaired a panel session on 'Accessing unpublished evidence: issues around trails registers and regulatory agency data'.

The Consortium has created a new 'Outcomes Research and Consultancy' service for the NHS, pharmaceutical and healthcare industries, offering analysis and reviews of patient- and clinician-reported outcome measures and training and workshops on how to use them.

Theatre, Film and Television

Undergraduate theatre students worked as actors, directors, designers, stage-managers and dramaturgs alongside the Company of Angels and York Theatre Royal in a project organised by Dr Tom Cantrell involving readings and performances of new translations of European plays, and talks about culture and the EU. They received professional mentoring and some secured paid internships as a result.

Dr Ben Poore was keynote speaker at the 'New Directions in *Sherlock*' conference at UCL and received coverage in *The Times*.

Stephen Nixon and Patrick Titley joined judging panels for the Royal Television Society Yorkshire Awards.

Dr David Hickman employed recent graduates to help shoot a documentary series on mathematics for DocLab.

Professors Andrew Higson and Duncan Petrie are members of a team that has been awarded funding for a White Rose University Consortium Network project, 'European Film, European Heritage, European Identity', providing three full PhD studentships.

An £18k grant from Skillset enabled John Mateer and Carole Dove to run a successful VFX Tutor Boot Camp on 'Shooting for Visual Effects' for tutors delivering visual effects teaching at UK institutions.

Hannah Andrews's book, *Television and British Cinema: Convergence and Divergence since 1990*, has been published.

A departmental promotional video has been nominated for the Best Promotion or Commercial Production category of the Royal Television Society Yorkshire Awards 2014.

Improving York's accessibility

In response to the expansion of the University and the growing numbers of disabled people on campus in recent years, the Disability and Accessibility Group has commissioned an access audit report.

Linda Brosnan (Equality and Diversity), Peter Quinn (Student Support Services) and Kathryn Burke (student intern) gathered staff and student feedback from focus groups, one-to-one meetings, and a questionnaire to identify easily accessible areas of campus and those which need improving.

YUSU's Disabled Student's Officer, Tom Ron, has expressed his satisfaction with the audit. An action plan is being developed to address the key issues including awareness of current accessibility assistance, signage, door mechanisms, external lighting, the separation of cycling and pedestrian routes, hearing support systems, parking and buses.

View a report of the findings at www.york.ac.uk/admin/eo/Committees/DisabilityAccessibilityGroup.htm.

New policy supports students becoming parents

The Equality and Diversity team has led the development of a new policy and guidance to support students who become pregnant, have a partner who is pregnant, or are going through the adoption process. The policy will also help members of staff to support those students.

Key features of the policy include a flow chart of steps to take when a student discloses a pregnancy, a support plan to ensure that all the aspects of pregnancy and maternity which need to be considered are discussed, and clear information on the main sources of support and guidance available at the University and provision such as breastfeeding rooms and the campus nursery.

Launched by Dr Jane Grenville, Deputy Vice-Chancellor and Pro-Vice-Chancellor for Students, the new policy is a significant development, reinforcing the University's commitment to providing an environment in which students are supported and treated fairly, and ensuring that pregnant students and those who are parents are able to achieve their full potential.

Further information about the policy can be found at www.york.ac.uk/admin/eo/PregnancyMaternity.htm.

Experts join forces to explore our immune systems

Experts at York are exploring the workings of the human immune system in a new research collaboration which combines the insights of immunologists, as well as engineers, computer scientists and mathematicians.

The York Computational Immunology Lab (YCIL) uses computer simulations and mathematical models to improve our understanding of how the immune system develops, protects us from disease and how it can go wrong, leading to autoimmune disease. Their work will help to reduce and

replace the use of animals in immunology research.

YCIL researchers are currently studying leishmaniasis, a neglected tropical disease; inflammatory bowel diseases; Sjogren's syndrome, a common autoimmune disorder; Ribonucleic acid (RNA) regulatory networks; and surgical skin wounds.

Members of the lab recently took part in a Science out of the Lab event at the York Festival of Ideas, and in November the group will host an international workshop in computational and mathematical

immunology. The new lab is funded by the University's Centre for Diseases and Disorders (C2D2) and is co-directed by Professor Jon Timmis from the Department of Electronics and Dr Mark Coles from the Centre for Immunology and Infection.



York Computational Immunology Lab members



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