

UNIVERSITY *of York*

Autumn 2013

magazine



**Festival
stages
another
class act**

**YORK'S WORLD
TOP 100 ACCOLADE**

NEW COLLEGE NAMED

**ARCHAEOLOGY SAMPLES
THE HIGH LIFE**

*50 years of
changing the world*

MESSAGE FROM...

The Acting Vice-Chancellor

It is a huge honour, in my 25th year as an employee of the University, to be the one to welcome you all back for the start of the academic year, in my capacity as Acting Vice-Chancellor. The 50th Anniversary and my own longevity in the University provide a platform to reflect on our spectacular success. We have never lost sight of Lord James's founding vision of a university committed to the highest academic standards in research and teaching, and to social justice.

When I joined as a Research Fellow in 1988, the then Vice-Chancellor, Berrick Saul, was steering us with consummate skill through what was arguably the most difficult period of political change in Higher Education in the 20th century. Professor Saul's successor, Ron Cooke, built on his legacy to ensure that our excellence was reflected in our position in the nascent university league tables. Suddenly we moved from being a relatively new, modest-sized provincial university to a proven major player on the national stage, with the league table position to match. Brian Cantor, who completed his 11-year term on 30 September this year, has helped to power us forward to where we are now: among the prestigious Russell Group of universities with a reputation as a significant and well-regarded international pace-setter. The future beckons...

Our latest admissions figures have certainly proved that York remains an extremely attractive destination for students. In a recruitment environment dominated by league tables, our dogged devotion to Eric James's insistence on excellence in all that we do has delivered dividends: the recent rise in the *Sunday Times Good University Guide* and our welcome return to the *Times Higher Education World Top 100*. In our view, good league table results must always be a reflection of real substance. Factors such as improved employment figures (recorded in the Destination of Leavers from Higher Education survey) and our consistent strong showing in the National Student Survey (NSS) indicate that our activities inside and outside the lecture theatres and labs make a real difference to the life chances of York graduates.

Our strategic investment in our campus development programme is continuing apace with a plan emerging for the

complete redevelopment of Heslington West over the next ten years, keeping the vision of the original design concept and bringing it up to date. Sports facilities we could only have dreamt of even five years ago are now a reality. The £25m Library project has surpassed all expectations. We open our ninth college in October

2014 – construction of Constantine College is already underway on Heslington East. But it is the research and teaching that take place in those new buildings which really demonstrate York's major contribution to some of the most pressing problems facing humanity. In September, the Chair of the Wellcome Trust, Sir William Castell, officially opened the Centre for Hyperpolarisation, where work on magnetic resonance imaging could revolutionise medical treatments. Our £30m development for the Department of Chemistry is more than half way complete. A new £6.5m biomedical teaching laboratory suite and a new £10m building to house the Environment Department are now in the first stage of development. Earlier investment in the Berrick Saul Building and the Raymond Burton Library, the redevelopment of the Social Science cluster and, most recently, the opening of the Research Centre for the Social Sciences, ensure that our world-leading research places a human context round all our thinking.

The University of York strives for excellence in all that we do. First-class facilities to support top-rated teaching and world-class research attract the best staff and students from around the globe. Higher Education is undoubtedly a more competitive and internationalised market than when I came to York 25 years ago, but York will succeed now as it did then by achieving excellence and preparing our students to be the leaders of tomorrow.

Dr Jane Grenville



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Mystery women



High altitude archaeology



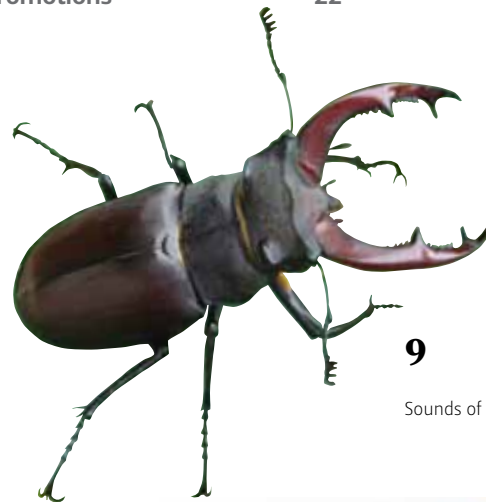
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Cover story

A scene from the
17th century comedy
The Dutch Courtesan
by John Marston
performed during
the Festival of Ideas
in June. This is the
latest in a continuing
series of plays from
the early modern
repertoire staged
by the Department
of Theatre, Film and
Television. For more
about the play and
the project visit
dutchcourtesan.co.uk

Roman emperor for Heslington East

The University's ninth college is to be named after the Roman emperor Constantine whose reign began when he was in York (then Eboracum) in 306.

Constantine succeeded from his father, Emperor Constantius, while both were in Britain on a military campaign to defeat the Picts. He ruled for a further 30 years and was

credited with reuniting the divided Roman Empire and creating Constantinople on the site of the Greek city of Byzantium, now Istanbul.

Work on Constantine College has already begun and it will open to the first students in 2014. Sited next door to Langwith College on Heslington East, it will provide 620 study bedrooms and a central social building in a landscaped setting.



The York college system

York's collegiate system has always been seen as a major element in the University's success. The recent swift growth of the University coupled with changes to student expectations has prompted the launch of a pilot scheme to take a fresh look at staffing and how the colleges are run.

The first colleges to take part in the pilot are James, Langwith and Vanbrugh. From the Autumn Term, they will each be led by a Principal, a strategic figurehead from an academic department, responsible for extending and strengthening relations with the wider college community, and its relations with the University and city of York. A new role of College Officer will support the Principal, manage the College Team and lead on pastoral, welfare and residential issues.

"Colleges provide small, inter-disciplinary and inter-year communities that have enabled generations of students to integrate well," says Pro-Vice-Chancellor for Students, Dr Jane Grenville. "However, we recognise that we need to evolve to enable our students to get the best out of their time here."

"Our vision for the new structure adapts best practice in the management of residential life observed in other collegiate and non-collegiate institutions in the UK and US, while retaining those aspects of our collegiate model which work best for us."

Perspectives on global challenges – the South Korean view

Former Prime Minister of South Korea, Dr Han Seung-soo, spoke about the international community's efforts to address global challenges including climate change and water at the annual Vice-Chancellor's Lecture on 16 September.

Dr Han, who is a York alumnus, was educated at Yonsei University and Seoul National University before completing his doctorate in economics at York in 1968.

He was Prime Minister of South Korea from February 2008 to September 2009, and President of the 56th session of the General Assembly of the United Nations, in 2001 and 2002. He now is a member of the Club de Madrid, a group of more than 80 former Presidents and Prime Ministers of democratic countries, which works to strengthen democratic leadership and governance worldwide.



World top 100

York has been recognised as a world top 100 university in the *Times Higher Education* 2013/14 World University Rankings.

Editor Phil Baty commented, "*Times Higher Education's* World University Rankings use a trusted range of 13 rigorous performance indicators and are the only global rankings to judge world-class research institutions against all of their core activities – teaching, research, knowledge transfer and international outlook. So the University of York's rise into the top 100 is particularly impressive, demonstrating increased strength right across the board on a wide range of metrics."

This is the fifth year that the University, which is celebrating its 50th anniversary in 2013, has figured in the *THE* Top 100.

New centre aims to speed up scanning techniques

Sir William Castell, Chairman of the Wellcome Trust, has opened the University's pioneering £7m research facility which could improve the detection of diseases such as cancer and Alzheimer's.

The new Centre for Hyperpolarisation in Magnetic Resonance (CHyM) is developing technology which could increase the sensitivity of hospital Magnetic Resonance Imaging (MRI) scans by up to 200,000 times.

Professor Simon Duckett of the Department of Chemistry is leading the research, along with Professor Gary Green from the York Neuroimaging Centre (YNiC), supported by a Strategic Award from the Wellcome Trust.

"The new technique we are developing here at York means that patients who once had to wait days or even weeks for scans to be completed and interpreted can, in some cases, now be diagnosed in hours allowing earlier treatment for serious illness," said Professor Duckett.



From left: Professor Simon Duckett, Sir William Castell, Vice-Chancellor Professor Brian Cantor, Professor Gary Green, and Chair of University Council, Sir Chris O'Donnell

Stained glass in the spotlight

HRH the Prince of Wales met students and staff at the York Glaziers' Trust during a royal visit to York in July.

The Prince was shown round the workshop by Sarah Brown, Director of York Glaziers Trust and course director of the MA in Stained Glass in the Department of History of Art. She updated the royal visitor on the work underway to restore and conserve stained glass panels from York Minster's Great East Window.

Learn more about the restoration at www.york.ac.uk/50/impact/stained-glass.



International accolade for Medical School

The Hull York Medical School (HYMS) has won a major international award recognising its excellence in medical education.

The award was presented at the Association for Medical Education in Europe (AMEE) international conference in Prague, attended by over 3,000 people and watched by participants from 26 countries online.

HYMS was the only UK medical school – and just one of eight international medical schools – to be recognised in the awards, the first to be made under AMEE's new ASPIRE which acknowledges the importance of teaching alongside research as a mission of a medical school.

Celebrating its tenth anniversary this year, HYMS is a partnership between the Universities of Hull and York and the NHS. It provides 21st-century training for the next generation of doctors as well as a hub for cutting-edge healthcare research. Students experience clinical placements throughout their course, spending time equally in hospital and community settings.

New opportunities in biomedical research

Improvements in healthcare are often driven by advances in the basic sciences relating to health and disease, and HYMS has joined with the University's Department of Biology to launch a new undergraduate degree in Biomedical Sciences to focus on the science underpinning medicine.

There are 40 places available and as well as a three-year undergraduate degree, students can opt for a four-year degree with a year in industry. The first cohort will start in September 2014 and will benefit from brand new facilities including high-tech teaching laboratories and a 120-seat computer room.

For more information visit www.york.ac.uk/biology/undergraduate/programmes/biomedical-sciences



The curriculum of the Biomedical Sciences degree will include neuroscience, cancer biology, immunology and infection, population health, and cognitive psychology

National competition success for Computer Science student

PhD student Frank Soboczanski has scooped top prize in a national competition with a three-minute presentation on his research into reducing number-entry errors in medical devices.



Frank faced strong competition from 14 other postgraduate students from across the country, including fellow York PhD students Ema Sullivan-Bissett (Philosophy) and Jennifer South-Palomares (Psychology), to win the inaugural 3 Minute Thesis UK competition and a £150 prize.

Hosted by the Leeds University Union, the competition challenged researchers to communicate the impact of their work in just three minutes using plain and simple English.

Competitors presented to a 140-strong audience, as well as judges Elizabeth Gibney, a science and research reporter with *Times Higher Education*; Dr Laura Bellingham, Assistant Director in Research, Information and Enquiry at the Quality Assurance Agency; and Dr Tony Bromley, Regional Advisor for Vitae in Yorkshire and the North East.

Frank said, "I think being a good communicator is immensely important because it gives researchers the ability to reach a wider, non-specialised audience by explaining a sometimes very technical or difficult topic in an understandable or even amusing way."

Next year's 3 Minute Thesis challenge will be hosted by the University of York in collaboration with Vitae, the organisation that champions researcher career development.

Top award for African forest project

A top national award has been won by the innovative scientific and educational collaboration between the University of York and Flamingo Land Theme Park and Zoo for the outstanding impact of its conservation and educational work.

The PraxisUnico Collaborative Impact Award recognised the ground-breaking research of York's Centre for the Integration of Research, Conservation and Learning (CIRCLE) into forestry and biodiversity conservation, together with environmental education for the protection and conservation of forest, its species and habitat.

CIRCLE Director Dr Andy Marshall has a joint appointment with Flamingo Land and the

University. His research into the importance of biodiversity in the Magombera Forest in Tanzania has boosted knowledge transfer activities in Africa such as training local groups. This has led to a reduction in reliance on the forest for resources and generated sustainable sources of income directly related to forest conservation.

In the UK, CIRCLE has created educational jobs to cover the 1,000-plus schools and 1.3m visitors to the zoo every year. Six interns a year work on conservation-specific research projects.

The judging panel was chaired by Professor Sir Tim Wilson, former Vice-Chancellor of the University of Hertfordshire, and author of the Government-commissioned Review of Business-University Collaboration 2012, who is a strong advocate of the role of universities in economic development.

Bike bank in motion

The Director of the Tour de France, Christian Prudhomme, launched the Bike Bank project in July, a joint venture between the University of York and the City of York Council supported by Welcome to Yorkshire, which led the winning bid to bring the Grand Départ to the county in 2014.

The aim of the project is to help inspire children to take up cycling by giving them free access to cycles in the run up to Yorkshire's Grand Départ on July 5 and 6 next year.

The Bike Bank will be open on Saturdays from 10am to 12 noon for bike donations and collections.

You can book the bikes at www.york-sport.com/bikebank or telephone 01904 325751.

The new one-kilometre cycle circuit at York Sport Village will be available for free use by children on Bike Bank bikes from 12 to 1pm on Saturdays.



Director of the Tour de France Christian Prudhomme (left) and Gary Verity, Chief Executive of Welcome to Yorkshire, at the Bike Bank launch



Photo: Martin Irwin



IN PICTURES

Life and work at York

Clockwise from top

A specially-adapted plane flying low over the Malaysian Borneo jungle

Professor Alastair Lewis and the Department of Chemistry's atmospheric chemistry team are taking to the air to study the chemistry of air pollution that's blowing in the wind: <http://bit.ly/187NNxu>

Les Canards Chantants in Renaissance flashmob

Watch this surprise performance by the University of York music group to launch Virtue and Vice, an exhibition at Hardwick Hall curated by the Centre for Renaissance and Early Modern Studies in collaboration with National Trust staff and volunteers: <http://youtu.be/X3-x0Hp6kxh>

Adult blue tit

Female blue tits with brightly coloured crowns are better mothers than duller birds, according to a new study led by the University's Environment Department: <http://bit.ly/155sCbq>

Tim Sutherland (Archaeology) filming for Medieval Dead

The six part UKTV Yesterday series blends medieval history with archaeology and forensic research, focusing on the preserved remains of the people of medieval period: bit.ly/16bxwUT

The charred remains of pottery dating back nearly 7,000 years

Our early ancestors had a taste for spicy food, new research led by Dr Hayley Saul (BioArCH) has revealed: <http://bit.ly/18Zu5AZ>

Magnetic nanoparticles produced by Liquids Research Ltd for hyperthermia applications

A study led by Dr Gonzalo Vallejo-Fernandez (Physics) has offered novel insights into how the heating effect of an experimental cancer treatment works: <http://bit.ly/15CwG3m>

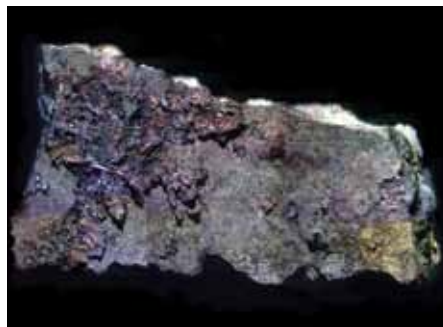
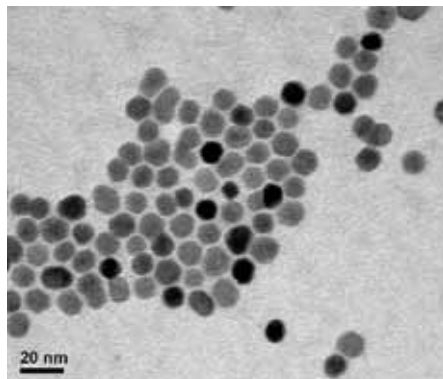


Photo: Vicky Ogilvie



Photo courtesy of Dragonhead Productions Limited

yorkconcerts

The cocktail party problem explained, two great folk musicians, a murderous composer and one of the greatest choral works of all times – just a few highlights in this autumn's programme.

Conversing and hearing against background noise is difficult at the best of times and this problem also applies to music where voices are 'in conversation'. **The Clerks** (30 October) illuminate this issue with medieval motets, Renaissance songs and a new work by Christopher Fox. Part of a Wellcome Trust funded project, the aim is to get us to listen more carefully and to achieve that, the singers will ask the audience to take part in some light-hearted auditory tests. Martin Carthy and John Kirkpatrick's band **Brass Monkey** (20 November) is delighting audiences with a folk/brass fusion of trumpet and trombone, squeezeboxes, mouth organ, percussion and guitar.



The Clerks

The 16th-century Italian composer Carlo Gesualdo is notorious for murdering his wife and her lover; he also wrote some of the most idiosyncratic music of his time. Two vocal concerts mark the 400th anniversary of his birth: **I Fagiolini** (23 November) present a secular programme and **The 24** (24 November) focus on Gesualdo's beautifully intense sacred music.

No Christmas music is complete without a performance of Handel's **Messiah**. The University Choir is joined by outstanding soloists and the Royal Northern Sinfonia in their Central Hall performance (27 November).

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

Donation by Maths alumnus

A transformational gift of £80,000 has been made by alumnus John Murrell.

It will launch a programme of matched funding to support York's Achieving Excellence Bursaries.

John, who graduated with a degree in Mathematics in 1968, followed by an MPhil in 1972, didn't expect to be a mathematician.

It was only through the smart intervention of his headmaster that saw John applying for a place at the University of York rather than finding a job after leaving school.

The John Murrell Fund will match regular gifts to the Alumni group, the Yorkies.

Celebration mug

These limited edition bone china mugs have been designed by alumna Susan Rose to mark the University's 50th Anniversary. Profits from each mug, costing £13.50, go towards student bursaries. To purchase a mug visit www.YorkSpace.net/shop.



Students take studies overseas

York's International Study Centre saw its inauguration in the United States this summer with a three-week visit from 31 students.

The Study Centre offers short visits to those wishing to study abroad but unable to commit to a longer stay, allowing more students to gain valuable international experience.

This summer's cohort took part in an intensive programme in Leadership and Social Change at Mount Holyoke College in Massachusetts, one of America's leading liberal arts institutions, and worked with local community-based organisations to apply the theory they learned to real world situations.

"This time last year I had just finished my A levels and was so excited about uni, but I could never have imagined I would be in New York City, making fabulous new friends and

getting to study a course at Mount Holyoke," says Katie Sansom, a first year undergraduate in the Department of Sociology.

The initiative builds on York's long-standing links with the USA and Canada which already provide an opportunity to spend a year at a partner institution.

"Not all students are able to commit to a year abroad, so the International Study Centre opens up the possibility of an international experience to a broader range of people," said International Relations Officer Jennifer Oxley. "For next year, we are looking to introduce more International Study Centres, perhaps in China and South Africa, giving even more students an opportunity to study abroad."

A number of the students, who included UK, EU, international and distance learning students, received bursaries covering full or part of the costs of the trip funded by the University of York and Santander.



Students from the International Study Centre took part in a programme in Leadership and Change at Mount Holyoke

Stag beetle sound bites on the BBC



The sound of stag beetles munching their way through a dead tree featured in an episode of a BBC wildlife series, thanks to the electronic wizardry of a York entomological and environmental acoustics expert.

Dr David Chesmore, senior lecturer in the Department of Electronics, made the recording for the BBC's six-part *Britain's Big Wildlife Revival* series.

"The filming was carried out in a private garden in Colchester, a hot spot for stag beetles. Stag beetle larvae feed inside dead wood and make short snapping sounds, like breaking twigs and we could hear that quite clearly during the recording," Dr Chesmore explained. "They also produce a deliberate buzzing sound which we were hoping to detect but didn't on the day."

Dr Chesmore is developing non-invasive methods for detecting the larvae – currently the only way to find them is to chop the wood up which destroys the habitat. The techniques he used are closely related to his work with the Food and Environment Research Agency (FERA) on the detection of Asian Longhorn beetles, a destructive non-native insect, found in imported trees and wooden goods.

Recycling equipment to help Indian colleagues

Student nurses have raised funds to send equipment and textbooks to help to provide free healthcare to some of the poorest and most in need people in rural communities in Southern India.

The nursing equipment, including hospital beds, resuscitation manikins, nursing textbooks, body models and other teaching aids is destined for MA Chidambaram College of Nursing in Chennai. It has been donated following the refurbishment of the Clinical Simulation Unit in the Department of Health Sciences.

The College works with a voluntary hospital to provide free healthcare to some of the poorest and most in need people in rural communities.

On a recent visit to the College of Nursing in Chennai, Anne Phillips of the Department of Health Sciences was impressed by the quality of staff and students and their compassionate approach to nursing care, but also shocked at the lack of resources.

Since then, nursing students from the University's Nursing Society have worked hard to raise the funds to transport the recycled teaching resources to Chennai.

Head of Department, Professor Hilary Graham, said, "We are upgrading the Clinical

Simulation Unit in Health Sciences to ensure it continues to meet the standards of education and training expected for nurses and midwives in the UK; at the same time,

we are aware that the equipment we are replacing can significantly improve education and training in resource-poor communities beyond the UK."



Student nurses helped load up the container with teaching resources to be shipped to Chennai in India

Engineering innovations showcased

HRH the Princess Royal attended the *Engineering: Design for Living* exhibition, held at the Ron Cooke Hub in June, during the Royal Academy of Engineering Soirée.



High-flying: Princess Anne was given a demonstration by Professor Ally Lewis of the in-flight equipment he and his team use to measure atmospheric pollutants

The exhibition showcased not only engineering research from the University's Departments of Computer Science, Physics and Electronics, but also the way in which engineering has informed or influenced work in other disciplines such as biology, chemistry, philosophy, English and sociology.

Work on show included recycling orange peel waste, developing objective diagnostic tools to test for Parkinson's disease, a system to help stroke victims with rehabilitation and designs for the next generation of nuclear fusion experiments.

"In the modern world, engineering is central to economic growth and to the innovation and enterprise that results in new products and services and increased national wealth and employment."

"We are moving towards a new golden age of British engineering – the sector is highly successful and ripe for further development. Exhibitions such as this demonstrate how engineering research is improving the very fabric of our lives," said Academy President Sir John Parker GBE FREng.

Athena SWAN award for Health Sciences

Health Sciences has joined the Departments of Electronics, Psychology, Biology, Chemistry, Computer Science and Physics as an Athena SWAN award-winner.

The Department now holds a Bronze Award under the national scheme, which celebrates good practice on recruiting, retaining and promoting women in science, technology, engineering, maths and medicine departments in higher education.

Professor Karen Bloor and Karen Khan led a working group to review student and staff numbers, employment policies and career development opportunities, and created an action plan identifying areas for improvement.

Professor Hilary Graham, Head of Department, said, "We are delighted to have received this award in recognition of our commitment to promoting equality. We are a large department with an inclusive culture and look forward to building on our Bronze Award to further advance the careers of students and staff."

For more information about Athena SWAN visit www.york.ac.uk/research/athena-swan

Top marks for University campus



The University's Grounds Maintenance team celebrate their success

The University of York's 500-acre parkland campus has, for the first time, been awarded a Green Flag by the Keep Britain Tidy charity in recognition of the quality of its landscaped green space.

Green Flag is the Government's benchmark national standard for UK parks and green spaces and measures cleanliness, sustainability and conservation.

"The award also recognises the fact that the campus is an important wildlife habitat, particularly on Heslington East where we are creating wildflower meadows, wetlands and woods," says Gordon Eastham, Grounds Maintenance Manager.

"There's evidence that although the landscape is not yet fully matured, we are having increasing success in attracting birds such as the Little Ringed Plover, Skylarks, Lapwings and Oyster Catchers."

The University of York campus is one of 78 sites in Yorkshire and Humberside to win the award for 2013/14 and one of only a handful of universities to achieve the Green Flag status.

University of York 50th Anniversary Garden Party

The sun shone and the music played at the University's 50th Anniversary Garden Party held for staff on 17 July at Heslington Hall. Sparkling wine and canapés were served on the lawns while the Fiddlers Wreck Ceilidh Band played rousing folk music.

At the event, Vice-Chancellor Professor Brian Cantor praised University staff saying, "Although our business is delivering world-class teaching, research and the application of our research to benefit society – it is the *combined* effort of administrative, technical, estates and academic staff working together which makes this a truly innovative and inspiring place to be."

All those who downloaded a ticket and attended the celebrations had the chance to win one of the many raffle prizes donated by local sponsors, including the Dean Court Hotel, Cedar Court Grand Hotel, Hotel du Vin, Middlethorpe Hall, York Sport, Mulberry Hall, Brass Castle Brewery, York Marriott Hotel, Cycle Heaven, Bettys, Browns and Quarks Restaurant.

The 50th Anniversary celebrations culminate in a community firework event on 5 November



Delving into dental plaque

ANCIENT TEETH HOLD CLUES ABOUT OUR PAST

An unlikely source of historical insight into the health and well-being of some of our earliest ancestors is the focus of a study led by University of York archaeologist Dr Camilla Speller and biologist Dr Gavin Thomas, and funded through the Centre for Chronic Diseases and Disorders (C2D2).

Dental plaque from the not-so-pearly whites of skeletons found at archaeological sites across Yorkshire is being examined by a research team at the University of York in a bid to find out more about the health and diet of people at key points in history.

And the irritating deposits most of us brush and floss away are proving a rich source of well preserved biological information.

"The great thing about dental plaque or calculus is that it can survive for thousands of years without the need for any special geological or climatic conditions. It is like a mineralised pocket of DNA that can tell us about dental health, but more importantly, it can tell us about general health and well-being," said Dr Camilla Speller who is carrying out the work with a team of archaeologists and biologists from the University's BioArCh group and Department of Biology.

The research offers pointers to dental health, but of more interest to the team at York is the genetic information about the oral bacteria preserved in the fossilised plaque in and around the teeth.

"We all have lots of bacteria and pathogens in our bodies and in our mouths. Many of these are preserved in the plaque, giving us information about illnesses or diseases that may have been prevalent at different times throughout history," said Dr Speller.

Plaque accumulation can be a sign of periodontal disease which, if untreated, can lead to bone deterioration and tooth loss. Periodontal disease in modern populations has been linked to cardiovascular disease, stroke, diabetes and respiratory illnesses, offering further historical lifestyle clues in skeletons being examined by the York team.

"It's always difficult for archaeologists to



A plaque-encrusted lower jaw bone recovered from an archaeological dig at the Driffield Terrace Roman site in York - just one of the samples being investigated by bioarchaeology experts at York

assess health because unless there's some obvious skeletal trauma or disfigurement, the evidence has gone. Dental disease offers a whole new view of health," said Dr Speller.

The team are working on teeth dating from the Iron Age through to Roman and Victorian times, taken from sites across the Yorkshire and Humber region.

Their investigations are at an early stage, but already DNA sequencing of plaque from the skeleton of a woman uncovered at the Dixon Lane Medieval site in York suggests that bacteria causing diseases such as leprosy may survive in dental calculus.

"It's a fairly new area of research but it offers so much potential," said Dr Speller. "I could weep at the amount of dental disease information discarded in the course

of archaeological research because, until recently, people just didn't realise what they had."

Our ability to learn about the microbiology of the mouth is due to major advances in DNA sequencing technology, Dr Thomas from the Department of Biology explained. "These new technologies can provide billions of very small fragments of the DNA present in the calculus samples. By assembling these tiny pieces onto modern genomes, in what can be considered a massive jigsaw puzzle, we can learn about the exact species of bacteria that were present in the mouths of these people."

By comparing the ancient genomes with modern genomes, the researchers can also learn about the evolution of these bacteria over thousands of years, which has exciting implications for following the development of capabilities like antibiotic resistance.

The team's work builds on earlier studies into the preserving qualities of plaque carried out by Professor Matthew Collins, who leads the BioArCh team at York and Dr Christina Warinner from the University of Oklahoma, who are both collaborators on this project.

The York research team

Peter Ashton, Michael Brockhurst, Sophy Charlton, Matthew Collins, Sarah Fiddyment, Jessica Hendy, Michael Hofreiter, Malin Holst, Sandy McDonald, James Moir, Anita Radini, Camilla Speller and Gavin Thomas

Find out more at www.york.ac.uk/archaeology/centres-facilities/bioarch

Archaeology team takes to the Alps

YORK RESEARCHERS ARE EXCAVATING IN ONE OF THE
WORLD'S MOST CHALLENGING ENVIRONMENTS ►



Alpine archaeology reveals high life through the ages

An international team of archaeologists led by experts from the University of York has uncovered evidence of human activity in the high slopes of the French Alps dating back over 8,000 years.

The 14-year study in the Parc National des Écrins in the southern Alps is one of the most detailed archaeological investigations carried out at high altitudes. It reveals a story of human occupation and activity in one of the world's most challenging environments from the Mesolithic to the Post-Medieval period.

The work included the excavation of a series of stone animal enclosures and human dwellings considered some of the most complex high altitude Bronze Age structures found anywhere in the Alps.

The research, published in *Quaternary International*, was led by Dr Kevin Walsh, landscape archaeologist at the University of York, in partnership with Florence Mocci of the Centre Camille Julian, CNRS, Aix-en-Provence.

Dr Walsh explained: "High altitude landscapes of 2,000 metres and above are considered remote and marginal. Many researchers had assumed that early societies showed little interest in these areas. This research shows that people, as well as climate, did have a role in shaping the Alpine landscape from as early as the Mesolithic period.

"It has radically altered our understanding of activity in the sub-alpine and alpine zones. It is also of profound relevance for the broader understanding of human-environment interactions in ecologically sensitive environments."

Excavations carried out by the team showed human activity shaped the Alpine landscape through the Bronze, Iron, Roman and Middle Ages as people progressed from hunting to more managed agricultural systems including the movement of livestock to seasonal alpine pastures, known as transhuman-pastoralism.

"The most interesting period is the Chalcolithic/Bronze Age when human activity, particularly to support pastoralism, really begins to dominate the landscape," said Dr Walsh. "The Bronze Age buildings we studied revealed the clear development of

seasonal pastoralism that appears to have been sustained over many centuries with new enclosures added and evidence of tree clearing to create new grazing land.

"The evidence suggests the landscape was occupied over many centuries marking the start of a more sustained management of the alpine landscape and the development of the pastoral agricultural systems we see in the Alps today."

The study also uncovered evidence of Stone Age hunting camps in often inhospitable conditions in the upper reaches of the Alpine tree line at 2,000 metres and above. Other finds included a Neolithic flint arrow head at 2,475 metres, thought to be the highest altitude arrowhead discovered in the Alps.

The study was carried out by a team of British and French archaeologists and palaeoecologists. They surveyed over 300 sites across a number of valleys as well as studying pollen from cores taken from peat areas and lakes and carbonised wood remains.

Initial fieldwork for the project started in 1998 followed by a series of further expeditions into some of the most remote and spectacular landscapes in the national park.

"The nature of these landscapes and the fact that no-one had ever carried out fieldwork in these areas meant that we had to carry out numerous phases of work involving long treks over difficult ground and sometimes in challenging weather.

"The result of this work is that only now do we have a clear understanding of how these remote, beautiful areas were exploited by people over the millennia," said Dr Walsh.

'A historical ecology of the Ecrins (Southern French Alps): Archaeology and palaeoecology of the Mesolithic to the Medieval period' is published in *Quaternary International* and at www.sciencedirect.com/science/article/pii/S1040618213006824

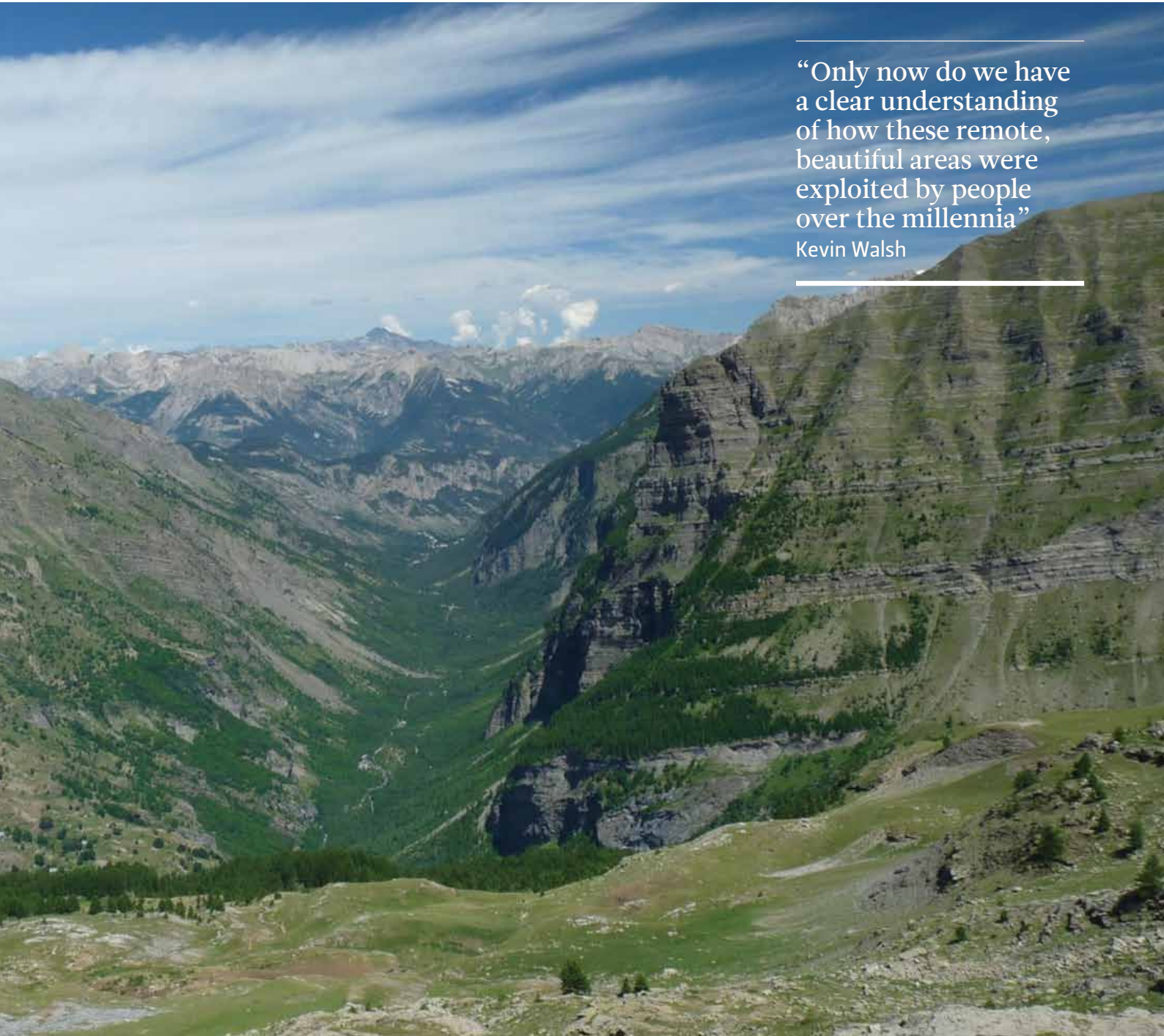
Read Dr Walsh's Blog about the Ecrins project: <http://ecrins2010.blogspot.co.uk>

Right: The team taking samples at one of the high altitude alpine lakes

Far right: Arrowheads are plentiful at lower altitudes, but this is an extraordinary find for the alpine zone

Below: A view of the Freissinières Valley from 2,400m showing the current tree line at around 2,000m. Even at such high altitudes there is evidence in the changing vegetation of the interplay between environmental change and human activity over time





“Only now do we have a clear understanding of how these remote, beautiful areas were exploited by people over the millennia”
Kevin Walsh



The triumph of ideas

World-class speakers, exhibitions and performances delighted audiences and visitors at the York Festival of Ideas in June which saw more than 120 events across a 15-day period based around the theme of North and South.

Led by the University of York in collaboration with over 35 partners, the Festival is now in its third year with each year building on the success of the last.

The 2014 Festival will run from 12 to 22 June with the theme of Order and Chaos. Festival organisers have already been approached by leading national publishers keen to be involved in the events and planning for next year is underway.





This year's Festival saw the Irish poet and Nobel Laureate Seamus Heaney give one of his last public performances

“Thanks a million for a really excellent Festival. It was unfailingly engaging, informative and fun. Please do it again”

Audience feedback



Festival attractions

Clockwise from top left

Spellbinding: tales from the ‘Sunny South’ were enacted at a story-telling session in the York Archaeological Trust venue DIG

Moving: after his talk, Melvyn Bragg signed copies of *Grace and Mary*, his semi-autobiographical novel spanning three generations

Revered: audiences were captivated by readings from the late great Irish poet Seamus Heaney

Riveting: Sonia O’Connor told the fascinating story of the York Helmet, manufactured in the 8th century and discovered in 1982

Outspoken: controversial art critic Brian Sewell engaged in a lively conversation with History of Art lecturer James Boaden

Mouth-watering: Sophie Jewett of York Cocoa House gave away some of her secrets at a chocolate workshop in the Lord Mayor’s kitchen

Classical: historian Michael Scott examined the legacy of Ancient Greece and how it was interpreted through the ages

Tragic: a play about Anne Boleyn by Howard Brenton was performed in the Tudor courtyard of the King’s Manor

Insightful: *Guardian* columnist Zoe Williams joined the Economy and Equality panel debate on strivers vs skivers and the welfare state

Learned: fans got a chance to meet the well known historian and documentary maker Michael Wood after his lecture on the life of Athelstan, England’s first king, drawing on his research into the monarch’s own manuscripts

For news on the 2014 York Festival of Ideas visit www.yorkfestivalofideas.co.uk

Grave concerns



Dr Julie Rugg's expertise has informed governments including a role as principal adviser to the Environment, Transport and Regional Affairs Committee inquiry into cemeteries in 2000 and she is regularly quoted and interviewed by regional and national media.

She sits on the Ministry of Justice Burial and Cemeteries Advisory Group and in 2008 was elected Honorary Vice-President of the Institute of Cemetery and Crematorium Management.

Her new book *Churchyard and Cemetery: Tradition and Modernity in Rural North Yorkshire* is published later this year. It uses sites from across North Yorkshire to explore, for the first time, the turbulent social history of churchyards and cemeteries during the last 150 years.

Overcrowded cemeteries could be a result of the reluctance to face our own mortality according to recent studies by the University of York's Cemetery Research Group led by Dr Julie Rugg.

One person dies in the UK every minute and with death rates set to increase as the population ages, the uncomfortable truth is that we're running out of burial space.

"We are at a crisis point," says Dr Julie Rugg who heads the University of York's Cemetery Research Group, which traces the history and cultural significance of cemeteries and burial rituals.

Cemetery managers in one London borough, where the situation is most acute, are moving remains from older graves to create space. The lack of space is also forcing London families to have relatives buried in sites outside their local area, often at greatly increased cost. Others, including cemeteries in Yorkshire, are resorting to creating new plots by digging up pathways, using gaps between existing graves or clearing landscaped areas.

The controversial answer, says Dr Rugg, is to reuse graves.

"Our research shows that people understand the need for graves to be reused. It's a sensitive issue but it's actually nothing new because many older graves in churchyards will already contain more than one set of remains. It just needs Government commitment for it to become a more widespread practice," she explains.

As a leading expert in the social and cultural history of death and bereavement, Dr Rugg is often consulted by policymakers, cemetery managers and media to advise on the extent of the problem.

She says our reluctance to face up to our own mortality may have contributed to the issue.

"Town planners are happy to tell me about their plans for new developments which might include new education or health care provision. But when I ask them where the burial space is they often look at me blankly. It's just not something that people want to think about or take into consideration."

Contrary to expectations, the high cremation rate also contributes to the problem. Cremated ashes are often now buried in designated plots generating new demands on already limited space.

The current crisis is just the latest chapter in the long and complex history of the rituals and customs of death which often mirror changing societal trends and attitudes.

Dr Rugg's research has traced the development of graves from frugal earth mounds in churchyards to the ornate bricked graves and vaults in cemeteries favoured by the Victorians. She shed new light on emergency measures during the Second World War when Government fears about shortages of coffins during the Blitz prompted the stockpiling of shrouds and mass graves being dug in advance of air attacks. She has also investigated some of our most prominent city cemeteries as well as remote rural churchyards, and is a leading expert on the UK's more contemporary neatly manicured lawned cemeteries.

"I think the fascinating thing about cemeteries is that at a micro level, they offer an insight into wider sociological, cultural and religious trends happening at a macro level. There's a lot of material to research and every burial site says something different, particularly about the play of local denominational identities: Anglicans and Nonconformists were not always in agreement about how to manage burial space," said Dr Rugg.

Most of her research is gleaned from historic documents rather than from the graveyards and cemeteries themselves, but Dr Rugg's boundless enthusiasm for a subject most of us would rather not think about, means that day trips and holidays are often punctuated by graveside visits.

"I was in the car with my husband recently and pointed out a Baptist burial ground. 'So it is' he said as he drove past, eyes fixed on the road ahead..."



Undeniably atmospheric, York Cemetery has been described as one of the city's most romantic places. It was founded in 1837 to provide better burial facilities for the citizens of York - whatever their station in life - than those offered by the overcrowded parish and non-conformist graveyards in the city. In the 1960s the 24-acre site became derelict and overgrown and was bought in 1987 by a charitable trust. Since then the Cemetery has been extensively restored and is now maintained by a team of employees and volunteers.

Who's that girl?

A series of 17 paintings depicting striking young women were featured in a 1950s advertising campaign to promote Aero chocolate – but are they figments of the artists' imagination or portraits of real women? And if so, who are they?

Known only as the 'Aero Girls', the collection has recently been the focus of a study by researchers Kerstin Doble and Francesca Taylor who are trying to unravel the mystery and unearth new information about these little-known paintings.

"A colleague showed me an Aero Girl portrait because I used to work for Tate Gallery organising exhibitions and she thought I might be interested to see it. It led me to look through the archives and I uncovered 17 portraits in total that hadn't been seen for years!" said Kerstin Doble.

The original oils were commissioned by York chocolate company Rowntree from well-known British artists of the day. The only clues to the identity of the sitters are names sketched in pencil on the back of the canvas: *Anna, Alice, Wendy, The Country Girl, The Art Student*.

As part of Chocolate Week 2013, the two researchers have curated an exhibition of the collection in the Borthwick Institute for Archives'



Opening up Archives series at York's Mansion House, the first time it has been on show since it left the Rowntree factory in York.

Kerstin said, "We hope that the exhibition will help to uncover new stories about these enigmatic portraits and answer questions such as who were the Aero Girls and what happened to the paintings that are missing from this collection?"

"Visitors to the Mansion House are encouraged to share their own stories, to ask new questions and continue the research at the Borthwick

Institute and beyond. If anyone was an Aero Girl or knows one, we'd love to hear from them," added Francesca Taylor.

The exhibition also explores why Rowntree decided to use painted images of women in their print and television campaigns long after photography had taken over as a medium.

Writing in her online blog about the research, Kerstin says, "The oil painted portrait casts us back to an era before the mechanical reproduction of photography, and alludes to an experience that is special, unique and cannot be repeated elsewhere. The campaign slogan underlines this by proclaiming 'For her, AERO – the milk chocolate that's different!' [to the arch rival Cadbury's Dairy Milk]."

"Although the print campaign ran for at least six years, it is difficult to trace insightful links between the portraits. Perhaps this is why the campaign was not a particularly successful one. Indeed much of Aero's sales success during this post-war period can be attributed to a renewed appetite for consumer goods and the end of rationing after 1954."

Once the exhibition at the Mansion House ends Francesca and Kerstin plan to create an online gallery space in partnership with York Digital Library where they can share images of the works, any related film material and any new stories collected during the exhibition. So far their detective work has led them to the last living Aero artist, Frederick Deane, who explained why he was selected and who some of his subjects were.

They have also discovered that one of the Aero Girls in the adverts (although not one depicted in one of the collection's paintings) was the late model Myrtle Crawford.

If you were an Aero Girl, or if you know one, please contact the Borthwick Institute for Archives at whoweretheaerogirls@gmail.com or phone +44 (0)1904 321166

Read Kerstin's blog about the Aero Girls at: <http://borthwickinstitute.blogspot.co.uk/2013/09/whos-that-girl-who-were-aero-girls.html>



Are these portraits real or imagined?

IN MEMORIAM...

Peter Aston (1938–2013)

Peter Aston taught in the University's Department of Music from 1964 to 1974. He was invited to join the staff by Professor Wilfrid Mellers, with whom he had studied composition. He conducted part of the inaugural concert for the newly-established Department in the Jack Lyons Concert Hall in 1969. While at York he completed his PhD which involved editing the music of the then-unknown George Jeffreys.

Alongside his academic career he directed the Tudor Consort (which he founded), the English Baroque Ensemble and the University of York Choir and Chamber Choir. He also appeared as a guest conductor at several choral festivals in the USA and Italy. He frequently taught composition at summer schools in the USA and his church music, in particular, is highly regarded there as, indeed, it is in UK. Peter co-authored (with John Paynter) *Sound and Silence* (London, 1970), an important influence on music education. He was Chair of the Academic Board of the Guild of Church Musicians. Michael Nicholas comments in Grove Music Online that: "Both in his distinctive voice and in the quantity of his works, Aston has made one of the most remarkable contributions to English church music of the late 20th century."

Dr Richard Langham Smith, an undergraduate and then postgraduate student at York in the late '60s and early '70s, has sent the following memory of Peter:

"Many will be sorry to hear of Peter Aston's death. He was my tutor and a great influence, mainly through his Chamber Choir which we attended on one day every week in the afternoon for a rehearsal: something of a highlight. It was timetabled. And it was through Wilfrid

Mellers that Peter was appointed, entirely in the spirit of a department which valued performance as a key to the understanding of music: he was entirely right, as we know! For those outside the Cathedral and Church circuit, Peter's choir provided an opportunity for us to sing church and secular music from Machaut to Britten."

The Chamber Choir was (and still is) a mixture of outstanding singers and a number of good musicians who could sing. Both Roger Marsh and I 'sang' in the tenor line; Peter, through his skill as a director, his insight into the music but, above all, his love of the music we were performing (and of his singers) gave and taught us an immense amount that has influenced choral singing in this country in a hugely significant way. He introduced us to major works in the choral canon – I particularly remember performing Bach's *B Minor Mass*, *St John Passion*, Monteverdi's *1610 Vespers*, Handel's *Dixit Dominus*, Tallis' *Lamentations*, Byrd masses and music from the Eton Choirbooks for the first time with him; all were directed with scholarship, insight and enthusiasm. And yet, even in his later years, he was keen to learn also from his students both former and current. He laid the foundations for many musical careers through both his knowledge and his approach.

I know I write for many of his students and colleagues in thanking him for those foundations and treasuring the times we spent together.

.....
Professor Peter Seymour
Department of Music

AT THE CHALK FACE

Archaeology

At the Viking Congress, Lerwick, Shetland, Professor Julian Richards presented 'Torksey I: winter camp of the Viking Great Army', Dr Steve Ashby spoke on 'Rethinking comb making in Viking-age Britain and Scandinavia' and Dr Soren Sindbaek spoke on 'The Viking expansion: gradual growth or global dynamics?' Professor Richards also chaired a session on 'Mapping the Viking world'.

'Searching for Scandinavians in pre-Viking Scotland: molecular fingerprinting of Early Medieval combs' co-written by Dr Isabella von Holstein, Dr Steve Ashby, Professor Matthew Collins, Nienke Van Doorn and Stacie Sachs was published in the *Journal of Archaeological Science*.

The first Student Archaeology Conference was held in the Department and a selection of conference papers will be published in *The Post Hole*.

Biology

Professor Henry Leese spoke on 'Nutritional requirements from the oocyte to the blastocyst: implications for embryo culture' at the Serono Symposia International Advanced Course in Embryology, London.

Dr Peter O'Toole organised the Frontiers in Bio-imaging Conference in London and has received £1.6m to develop 'Bio-continuum microscopy: seamless imaging from the micro-

to the nano-scale' with Dr Lucy Collinson (Cancer Research UK).

Chemistry

Stephen Bromfield, Kristaps Ermanis and Daniel Raines won this year's Kathleen Mary Stott Prizes.

Professor James Clark spoke on 'From waste to wealth using Green Chemistry' and Cinthia Mena-Durán won the Royal Society of Chemistry Green Chemistry poster prize for 'Applications of Starbons®, novel carbonaceous materials, in catalysis' at a Green Chemistry Renewable Carbon and Eco-Efficient Processes symposium in La Rochelle, France.

Professor James Clark spoke on 'Green chemistry and the biorefinery', Guangmao Tian spoke on novel methods to change the properties of cardboards and Cinthia Mena Duran spoke on the applications of Starbons® for esterifications and won the Golden Crop Award for her photo 'Hydrophobic carbon' at the Conference on Renewable Resources and Biorefineries, Antwerp.

Professor James Clark was awarded an EPSRC Grant of £723K for a collaborative project with the Stockholm Environment Institute and the University of Liverpool on 'Renewable Chemicals from Sustainable Feedstocks via high-throughput methods'.

Dr Matthias Bechmann, Dr Angelika Sebald and Professor John Clark (Computer Science), won a bronze medal and \$2,000 prize in the

Human Competitive Awards at the Genetic and Evolutionary Computation Conference (GECCO).

Sir John Holman chaired a seminar on 'Skills for the chemical industry', organised by the Royal Society of Chemistry, Society of Chemical Industry, Gatsby Foundation and Salters Institute, at Salters Hall, London.

Prizes for 'Chemistry Outstanding Demonstrators of the Year' were awarded to Stephen Bromfield, Richard Gammons, Jon Holmes, Kate Horner, Richard John, Leonie Jones, Natalie Pridmore, Mark Sims and Rachel Smith.

Dr Paul Clarke spoke on 'Adventures with the synthesis of tetrahydropyran natural products' at the Institute of Cancer Research, Sutton and presented at the Hofmann Symposium, Imperial College, London. Dr Clarke also went on an EPSRC-funded trip to AstraZeneca, Mölndal in Sweden where he discussed possible collaborations and gave a lecture on 'Stereocontrolled synthesis of O- and N-containing heterocycles'.

Professor Duncan Bruce spoke on 'New motifs and liquid crystals: halogen bonding in materials and biology' and Linda McAllister spoke on 'The attractive non-covalent interaction between halomethanes and rare gases' at the Halogen Bonding and Other Non-Covalent Interactions symposium at the Canadian Chemistry Conference, Québec City.

The Department hosted the Dalton Division regional meeting which included talks by

STAFF PROMOTIONS

Personal chair

Dr Neil Audsley (Computer Science), **Dr Nik Brown** (Sociology), **Dr Andrzej Marek Brzozowski** (Chemistry), **Dr Ana Cavalcanti** (Computer Science), **Dr Christopher Fewster** (Mathematics), **Dr Kieran Gibson** (Physics), **Dr Beth Jefferies** (Psychology), **Dr Bernard Kay** (Mathematics) and **Dr Peter Thompson** (Psychology)

Senior staff teaching grade

Dr Andy Hunt (Electronics)

Reader

Dr Gillian Hampden-Thompson (Education), **Dr Helen Smith** (English and Related Literature), **Dr Andrew Charlwood** (The York Management School), **Dr Dawn Coverley** (Biology), **Dr Geoffrey Cubitt** (History), **Dr Anne-Kathrin Duhme-Klair** (Chemistry), **Dr Paul Genever** (Biology), **Dr Louise Haagh** (Politics), **Dr Angela Hodge** (Biology), **Dr Tim Howell** (Music), **Dr Harry Isaacs** (Biology), **Dr Neil Lunt** (Social Policy and Social Work), **Dr Suresh Manandhar** (Computer Science), **Dr James Moir** (Biology) and **Dr Stefano Pirandola** (Computer Science)

Senior lecturer

Dr Leandro Indrusiak (Computer Science), **Dr Martin O'Neill** (Politics), **Dr Joanne Applin** (History of Art), **Dr Daniela Barilla** (Biology), **Dr Jim Buller** (Politics), **Dr John Cooper** (History), **Dr Gareth Evans** (Biology), **Dr Kate Flemming** (Health Sciences), **Dr Silvia Gennari** (Psychology), **Dr Nicholas Guyatt** (History), **Dr Julie Hawkins** (Environment), **Dr Samantha Hellmuth** (Language and Linguistic Science), **Dr Fabrizio Iacone** (Economics and Related Studies), **Dr Jeremy Jacob** (Computer Science), **Dr Yuan Ju** (Economics and Related Studies), **Dr Kevin Kileen** (English and Related Literature), **Dr Stefan Kühner** (Social Policy and Social Work), **Dr Mary Leng** (Philosophy), **Dr Jason Levesley** (Mathematics), **Dr Andrew Pickering** (Economics and Related Studies), **Dr David Rippin** (Environment), **Dr Paul Schweinzer** (Economics and Related Studies), **Dr Vanita Sundaram** (Education), **Dr Beatrice Szczepek Reed** (Education), **Dr Paul Waking** (Education) and **Dr Sethina Watson** (History)

Research grade 7

Dr Fiona Aspinal (Social Policy and Social Work – SPRU), **Dr Kate Gridley** (Social Policy and Social Work – SPRU), **Dr Andrew Hunt** (Chemistry), **Dr Tom Johnston** (Health Sciences), **Stacey Noel** (Environment – SEI-Y) and **Simon Walker** (Centre for Health Economics)

Teaching grade 8

Dr Richard Waites (Biology)

Teaching grade 7

Dr Maria Garcia Reyes (Economics and Related Studies), **Sharon Grace** (Social Policy and Social Work), **Dr Clare Jackson** (Sociology) and **Dr Tangming Yuan** (Computer Science)

postgraduate students and postdoctoral researchers, and a poster display. Jonathan Ward won the Best Presentation Prize.

Professor David Smith gave lectures on his research in nanomaterials and nanomedicine at a 'Chemical science' symposia in Changchun and Hangzhou (China) and Kyoto, Japan, and spoke at 'Science for Growth', a joint parliamentary event organised by Alok Sharma MP, the Royal Society of Chemistry and Institute of Physics. Professor Smith also spoke on 'Hard facts about soft matter – from nanomaterials to nanoscience' at the Northern England Postgraduate Chemistry Conference organised by Richard Gammons, Lucy Milner, George Platt and Ben Summers.

Dr Alison Parkin co-organised an exhibit on how scientists are studying and copying nature to achieve artificial photosynthesis for the Royal Society's Summer Science Exhibition.

Kate Horner hosted a 'Meet the Researchers' event for undergraduates, which included talks and a poster session.

Dr Jason Lynam presented 'It's all elementary', in the Department during the University Anniversary Celebration Weekend.

Professor Ed Boyes and Professor Pratibha Gai (York JEOL Nanocentre), have developed atomic resolution in-situ aberration-corrected environmental scanning transmission electron microscopy technology (in-situ AC-ESTEM) for catalyst reaction studies in realistic reaction conditions.

The Department was ranked fifth in the *Guardian University Guide 2014* subject tables.

Computer Science

Professor John Clark, Simon Poulding, Dr Rob Alexander, and Mark Hadley won the best paper prize for 'The Optimisation of Stochastic Grammars to Enable Cost-Effective Probabilistic Structural Testing' at the Genetic and Evolutionary Computation Conference (GECCO).

Johny Stokoe led a submission to the NUS-run Green Impact environment accreditation and awards scheme which resulted in the Department achieving a Bronze award.

Professor John McDermid was a guest speaker at NASA's Langley Research Center.

Economics and Related Studies

Professor Luigi Siciliani presented 'Does a hospital's quality depend on the quality of other hospitals? A spatial econometrics approach' at the International Workshop on Health Economics, Manchester, and with Professor Hugh Gravelle and Rita Santos, presented 'Hospital competition and quality: a spatial-econometrics approach' at the CEPT/JIE conference on Applied Industrial Organisation, Bologna.

Dr Stephanie von Hinke Kessler Scholder presented 'Insuring calorie intakes against income shocks' at the Russia Longitudinal Monitoring Survey Higher School of Economics User Conference, Moscow and the Economics of Disease Conference, Darmstadt.

Professor Andrew Jones attended a Scientific Oversight Group of the Institute for Health Metrics and Evaluation meeting in Seattle.

Dr Matthias Morys presented 'The disintegration of the Gold Exchange Standard during the Great Depression – déjà vu for the Eurozone?' at a conference on 'La crise de la zone euro et le processus d'intégration

Européenne' at the University of Luxembourg. Dr Morys also spoke at the Bank of England on 'Gold standard lessons for the Eurozone' at a seminar on 'The Great Depression and the Euro-Area crisis' and presented 'Directions for the euro area' at a workshop.

Professor Takashi Yamagata presented 'Testing CAPM with a Large Number of Assets' at the Joint Seminar series of CFS, ECB and Deutsche Bundesbank in Frankfurt. Professor Yamagata and Dr Vasilis Sarafidis co-presented 'Estimation of Correlated Random Coefficient Models for Short Panels with a Multifactor Error Structure' at the Cross-sectional Dependence in Panel Data Models Conference, Trinity College, Cambridge.

Professor Karen Mumford spoke on 'The gender wage gap' at Clare Hall, University of Cambridge and presented 'On the relative position of women' at the Australian Conference of Economists, Perth. She participated in a Research in Action debate at the British Academy and the EU-funded IMAGEN workshop on the Macroeconomic Consequences of the Gender Pay Gap, Spain.

Dr Ralf Wilke presented 'A regression model for the copula graphic estimator' at the Econometric Study Group Conference, University of Bristol.

Dr Emma Tominey presented and led discussions with the Office of Rail Regulators on implementing team-based incentive schemes in the public sector.

Ricky Kanabar and Professor Peter Simmons presented 'To defer or not defer? State pension in a lifecycle model' at the WPEG Conference, where Dr Emma Tominey won the Helen Robinson prize for the Best Paper by an Early Career Researcher for 'Maternity leave and the responsiveness of female labour supply to household shocks'.

Professor Peter Burridge presented his joint paper 'Group interaction in research: a general nesting spatial model with heteroskedastic shocks' at the International Workshop in Spatial Econometrics and Statistics, Orleans, France.

Professor Gulcin Ozkan's piece on sources and implications of recent protests in Turkey was published in *The Conversation*.

Professor Jo Swaffield's project on 'Identifying sustainable pathways out of in-work poverty' has been funded under the ESRC Knowledge Exchange Opportunities Scheme.

Dr Yuan Ju presented the paper 'Auctioning and selling positions: a non-cooperative approach to queueing conflicts' at the Asian Meeting of the Econometric Society, Singapore.

Professor Tony Culyer chaired a workshop on 'Global Diplomacy, Universal Coverage and Health Care Priority-setting' at the Rockefeller Foundation Center, Bellagio, Italy, on behalf of NICE International.

Education

Dr Sarah Olive presented 'Shakespeare under the Coalition: an end to Shakespeare for all?' at We Need to Talk About Teaching, King's College London and at the 'Quoting Shakespeare' seminar, Shakespeare Association of America conference, Toronto, she contributed 'Giving quotation thematic bit: Troilus and Cressida in ITV's *Generation of Vipers*'. Dr Olive presented research on 'Shakespeare under the Coalition'

at the British Educational Research Association conference, Brighton and represented the British Shakespeare Association at the Council of College and University English AGM at St Anne's College, Oxford. Dr Olive was invited to join the steering group of the British Council of Undergraduate Research and is Chair of the British Shakespeare Association's education committee.

Dr Elizabeth Swinbank led a workshop session on 'Embedding formative assessment and promoting active learning' and presented 'Extended project work for school physics students' at the International Conference on Physics Education (ICPE-EPEC).

'Planning teacher professional development for effective teaching and learning in science' by Dr Anne Scott, Mary Whitehouse, and Chris Otter was published in *China Science and Technology in Education*.

Identity in foreign language learning and teaching: Why listening to our students' and teachers' voices really matters, co-written by Dr Florentina Taylor and Dr Emma Marsden was published by the British Council.

Professor Robert Klassen was lead author for 'Internalising problems of adults with learning disabilities: a meta-analysis' published in the *Journal of Learning Disabilities*, and 'Culture, context, and collective confusion: Exploring teachers' motivation in cross-cultural contexts', published in *Advancing Cross-cultural Perspectives on Educational Psychology*.

Dr Beatrice Szczepek Reed's paper, 'Glottalisation and word linking as resources for multi-unit turn construction in German talk-in-interaction: Initial observations', was published in *Gesprächsforschung*. Dr Szczepek Reed also spoke on 'Glottalisation of German word-initial vowels: Findings from natural conversation' in the Department of Language and Linguistic Science.

Dr Benedetta Bassetti's paper, 'Is grammatical gender considered arbitrary or semantically motivated? Evidence from monolinguals, second language learners and early bilinguals', was published in the *British Journal of Psychology*.

'Learning novel morphology: The role of meaning and orientation of attention at initial exposure' co-written by Dr Emma Marsden was published in *Studies in Second Language Acquisition*.

'Sentence Processing in Bilinguals' by Professor Leah Roberts was published in *Sentence Processing*.

Florentina Taylor's *Self and identity in adolescent foreign language learning* was published by Multilingual Matters.

Steve Gow presented 'A comparison of the Chinese and British cultural concepts of plagiarism by Chinese Master's graduates of UK institutions who have returned to work in China' at the Plagiarism across Europe and Beyond Conference, Czech Republic.

Professor Chris Kyriacou's article on social pedagogy and the mentoring of troubled pupils was published in the *European Journal of Social Education*.

'Young people's community engagement: what does research-based and other literature tell us about young people's perspectives and the impact of schools' contributions?', co-written by Professor Ian Davies, Dr Gillian Hampden-Thompson and Vanita Sundaramin, was published in the *British Journal of*

Educational Studies.

'Real-time grammar processing by native and non-native speakers: constructions unique to the second language' by Dr Danijela Trenkic, Dr Jelena Mirkovic (Psychology) and Professor Gerry Altmann (Psychology) was published in *Bilingualism: Language and Cognition*. Dr Trenkic presented 'Real-time processing of English articles by native and non-native speakers' to the colloquium on 'Factors affecting language processing in L2 speakers' and 'Competition between L1 and L2-licensed structures leads to variability in functional morphology production' at the Symposium on Bilingualism in Singapore.

Fred Lubben presented 'Self-directed professional development of science teachers: some drivers in emerging and mature education systems', at the Freudenthal Institute of Science and Mathematics Education at the University of Utrecht, the Netherlands.

Dr Claudine Bowyer-Crane spoke on 'Intervention at the foundations of reading comprehension', at the Department of Education, University of Oxford.

Dr Emma Marsden and Alison Mackey presented a paper at the International Symposium on Bilingualism in Singapore.

Professor Ian Davies was a discussant at the 'Young citizens, social media and political engagement' symposium, House of Commons, and co-organised and chaired the ICA pre-conference education panel at the London School of Economics, where he presented 'Social media and citizenship education in schools and elsewhere: perceptions of students and teachers'.

At the CitizED International Conference, Tokyo, Professor Davies co-chaired the symposium 'East and west in citizenship education' and Professor Chris Kyriacou presented 'Undergraduate students' motives towards volunteer civic engagement in England and Japan' and, with Yuko Kato, presented 'Undergraduate students' motives towards volunteer civic engagement in England and Japan'.

Dr Vanita Sundaram spoke on 'Sex and relationships education in the UK: gender, sexuality and diversity' at the ESRC Seminar for Critical Diversities@the Intersection at the Weeks Centre for Social Policy and Research, London South Bank University.

Professor Leah Roberts taught a course on Developmental Psycholinguistics at the Summer School in Cognitive Linguistics, University of Bangor.

Dr Florentina Taylor presented 'Wearing a face that is not mine: social pressures, identity negotiation and achievement in foreign language learning' at the British Association for Applied Linguistics, Language Learning and Teaching SIG Conference, St Mary's University College, Twickenham, and co-presented 'Addressing the MFL GCSE uptake crisis: Two ways forward' at the Linking Research to Practice in Education Anniversary Conference.

Rowena Hanan and Dr Emma Marsden received an 'Applying linguistics' award from the British Association of Applied Linguistics to host a workshop on foreign language learning in primary schools and also investigate language teacher-researcher engagement.

Professor Judith Bennett was awarded

STAFF NEWS



Professor Paul O'Higgins (HYMS) has won the Rohlf Medal, a prestigious international award for excellence in morphometric methods and applications, in recognition of his work

expanding the boundaries of paleoanthropology through his long-standing interest in the quantification of biological form to understand animal function and evolution.



Professor Dave Raffaelli (Environment) has received the President's medal at the INTECOL ecological meeting, hosted by the British Ecological Society. The prize is the British Ecological

Society's President's personal gift to an eminent ecologist at the end of each term of office.



Professor Ian Davies has been awarded the Children's Identity and Citizenship in Europe Association Outstanding Achievement Award for

2013 for his work as editor of the journal *Citizenship Teaching and Learning*, and for his internationally recognised work in the field of citizenship education.



Dr Thomas Simaku (Music) has been awarded first prize for his composition *Concerto for Orchestra* in the Witold Lutoslawski International

Competition. The winning work received its world première at the final concert of the Warsaw Autumn International Festival, by the Warsaw Philharmonic Symphony Orchestra.



Professor Peter O'Brien (Chemistry) was awarded the 2013 Royal Society of Chemistry Organic Stereochemistry Award for his important contributions to asymmetric synthesis,

particularly the development and applications of the (+)-sparteine surrogate.



Professor Andy Young (Psychology) has been awarded the British Psychological Society's Lifetime Achievement Award for Distinguished Contributions to Psychological Knowledge.



Professor John Clark (Computer Science) and **Professor Bruce Lipschultz** (Physics) have

received Royal Society Wolfson Research Merit Awards in recognition of their outstanding achievement and potential.

STAFF NEWS



Phil Kember (Commercial Services) received the College and University Business Officers Award for Business Manager of the Year.



Professor David Smith (Chemistry) has been awarded a National Teaching Fellowship for excellence in higher education teaching and support for learning from the Higher

Education Academy. He will use the award to further develop his use of new media for student learning and to support students with filming, presentation and communication skills.



Sir John Holman (Chemistry) has been appointed Chair of the Salters' Institute Board, the flagship charity of the Salters' Company which supports the work of the Chemical Industry

Education and the Salters' curriculum projects at York.



Professor Lesley Stewart (Centre for Reviews and Dissemination) was elected president of the Society for Research Synthesis Methods to serve in the roles of President Elect June 2013 to June

2014, President the following year and Past President the year after.



Professor Andrew Street (Centre for Health Economics) has been appointed Chair of the Welsh Health Economics Support Service Advisory Group.



Dr Dave Chesmore (Electronics) was appointed to the Council of the Institution of Agricultural Engineers. He has been a Fellow of the Institution for a number of years and gained Chartered

Environmentalist status through the institution as it is a constituent body of the Society for the Environment.



Professor Edwin Hancock (Computer Science) has been appointed to the Computer Science and Informatics panel as an assessor for the Research Excellence Framework 2014.



Dr Andy Charlwood (Management) has been appointed as an editor of the British Sociological Association's journal *Work, Employment and Society*.

Royal Society funding for 'Student attitudes, engagement and participation in STEM subjects: proposal for literature review and commentary'.

Dr Benedetta Bassetti was awarded a £181,486 Leverhulme grant for 'Effects of orthography on phonology on second language speakers of English'.

Effective Education, Institute for

Professor Frank Hardman and the Post-war Reconstruction and Development Unit hosted a conference in Nairobi to review UNICEF's emergency preparedness and response (EPR) and disaster risk reduction (DRR) strategy in the education sector in the eastern and southern African region (ESAR). Professor Hardman also presented the findings of the Looking into UNRWA Classrooms study at a workshop for key stakeholders in Amman, Jordan.

IEE will lead on a parenting project as part of a new Yorkshire and Humber Collaborations for Leadership in Applied Health Research and Care (CLAHRC).

Evidence for the Frontline by Dr Jonathan Sharples was published by the Alliance for Useful Evidence.

'Support from the Start: Effective Programmes for Nine to 13 Year-olds', published by the *Journal of Children's Services* and co-written by Dr Tracey Bywater, was a Highly Commended Award Winner at the Literati Network Awards for Excellence. Dr Bywater also presented 'Preventing antisocial and criminal behaviour: a Cochrane review of the effectiveness and cost-effectiveness of group-based parenting programmes for childhood conduct problems' at a Society for Prevention Research meeting in San Francisco.

Electronics

Dr Dave Chesmore's entomological research on recording moth species in Yorkshire and moth trapping was featured on BBC1 Yorkshire and Lincolnshire's *Urban Jungle*.

The Intelligent Systems research group, led by Professor Andy Tyrrell, was awarded an EPSRC-funded five-year Platform grant for research on hardware and software systems which have designs motivated by biological principles.

Health Economics, Centre for

Professor Mike Drummond was a chair and presented 'Adapting Economic Evaluation to Meet Changing Policy Needs: The Case of NICE in the UK' and 'The Growth of Value-Based Pricing in Europe: Opportunities for Price Discrimination?' at the International Health Economics Association (iHEA) World Congress on Health Economics, Sydney. Professor Drummond also spoke at workshops organised by the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Australian Chapter, Brisbane and the ISPOR New Zealand Chapter, Auckland.

Professor Andrew Street served on the Norwegian Research Council's Health Care Services Board and also the scientific committee of a Spanish Health Economics Conference, at which he and Nils Gutacker presented.

Nils Gutacker, Katja Grasic, Dr Panos Kasteridis, Christoph Kronenberg, James Gaughan, Thomas Patton and Professor Hugh Gravelle gave presentations at a Health

Economics Study Group meeting in Warwick.

Tony Culyer chaired a workshop on behalf of NICE International on Global Diplomacy, Universal Coverage and Health Care Priority-setting at the Rockefeller Foundation Center in Bellagio, Italy.

Health Sciences

Dr Rob Newton was the International Agency for Research on Cancer (IARC) representative (World Health Organisation) and presented 'The value of measuring cancer in Africa' and led discussion and moderated a session on cancer registration, at the Duke Global Health Institute/IARC-organised African Oncology Symposium at Kilimanjaro Christian Medical Centre in Moshi, Tanzania.

Professor Karen Spilsbury presented 'Engagement and the management tool kit' at the Developing a High Performance Assistant Workforce in Acute Healthcare: End of Project Conference, London. She also spoke on 'Adding value in research' at the NIHR Journals Library Launch, London.

Kate Bosanquet presented a poster on 'Being open in research' at HSRN conference, Nottingham University.

Charlie Lloyd presented at an International Society for the Study of Drug Policy meeting, Universidad de los Andes, Bogota, Colombia.

Dr Emily Peckham presented a poster at the Homeopathy Research Institute conference.

Professor Tim Croudace joined the LSHTM ESRC-funded PATHWAYS (Method Node) team to teach Latent Class Analysis to staff and students in CHES, Stockholm, and has taken on the lead role for the White Rose Advanced Quantitative Methods (AQM) Pathway Development Group. He also co-organised a meeting of the Royal Statistical Society medical section on 'Statistics and Computing in Medical Statistics and Risk Scaling'.

Professor Simon Gilbody gave the keynote speech at the Mental Health Research Network (MHRN) Feedback Meeting.

Dr Liz Hughes presented at a Mental Health Nursing conference, Turku, Finland and chaired a teleconference with collaborators as part of the MHRN Clinical Research Group.

Dr Barbara Hanratty spoke on loneliness, isolation and service use by older people at the Connect + Act conference in London.

Dr Kate Flemming spoke on 'The synthesis of qualitative research: filling in the gaps and informing policy' at 'The whole picture: synthesising evidence in clinical trials' QuEST masterclass, University of Swansea.

Professor Karl Atkin gave the Barbara Burford Memorial Lecture on 'The politics of sickle cell and thalassemia screening: the continuing importance of tackling inequalities in care' at the Making Diversity Interventions Count Conference, University of Bradford.

Professor Hilary Graham was part of the ESRC 2013/14 Centres and Large Grants scheme commissioning panel.

Professor Jo Green spoke on 'Women's views in maternity care research and practice' at the International Society for Obstetrics and Gynaecology, Berlin and presented a peer review paper at the Volunteer Doula Evaluation project.

Dr Maria Berghs presented 'Repairing risk? The (bio) politics of informed choice and screening for sickle cell 'disorders' in

the United Kingdom' at the Nordic Network on Disability Research Conference, Finland. She also presented 'Does encounter imply engagement?: testing dads for sickle cell' at the EASA Medical Anthropology Network/Society for Medical Anthropology/Universitat Rovira i Virgili conference on 'Encounters and engagements: creating new agendas for medical anthropology', Tarragona, Spain; and 'Why does the personal need to be so political: PWDs, legal empowerment and self-advocacy in Sierra Leone' at a Legal Empowerment workshop, York.

Professor Kate Pickett was a session chair at the Born in Bradford annual conference and spoke at the International Network for Research on Inequalities in Child Health, Stanford University, California.

Nicole Valtorte presented research into loneliness and social isolation in older people, and links with health at a French National Pensions Fund-organised seminar in Paris and spoke on research into interventions to tackle loneliness and social isolation in older people at a conference organised by the French Federation of Social and Cultural Centres, Lyon. As a member of a French ministerial working group on isolation amongst older people, she has contributed to a report which will be submitted to the French Minister for older people.

Dr Zoe Darwin presented 'Working relationships between volunteer doulas and labour ward midwives: what works for whom in what circumstances?' at the Normal Labour and Birth Conference, University of Central Lancaster.

Professor Alan Maynard submitted evidence to the Select Committee on Health of the House of Commons which is currently conducting an inquiry into long-term care.

PhD student Jaime Delgado received the Fred Yates Prize from the Society for the Study of Addiction (SSA).

History

Professor Richard Bessel spoke on 'From Bonfeld to Bikernieki: paths of murder and memory' at the Aftermath: Sites and Sources of History and Memory Conference at Monash University, Melbourne and presented 'Historians and their Publics: Confronting Histories of Violence' at the State Library of Victoria, Melbourne.

Language and Linguistic Science

Dr Sam Hellmuth organised a free workshop for English Language A level teachers as part of a project to develop and expand relationships with schools and colleges.

Professor Paul Foulkes, Professor Peter French, Erica Gold, Phil Harrison and Dr Richard Rhodes presented papers and Vince Hughes received the prize for best student paper at the International Association for Forensic Phonetics and Acoustics conference in Tampa, Florida.

Professor Peter French presented compelling evidence for the defence in the pre-trial proceedings in the high-profile trial of George Zimmerman; the evidence was produced with help from Dr Richard Rhodes and Phil Harrison, and supported by research by Lisa Roberts and Erica Gold.

Dr Dominic Watt ran a workshop on forensic speech science for students at Manor Academy, York, as part of a forensic science summer

school organised via the Independent and State School Partnership (ISSP).

Professor Paul Kerswill has been appointed External Examiner for the BA and MPhil degrees in English Language at the University of Ghana, Accra.

Professor Marilyn Vihman, Dr Tamar Keren-Portnoy and Professor Bill Wells gave talks at a Research in Early Speech, Language and Communication workshop.

Richard Ogden ran a session on 'The power of language: how people agree, disagree and complain in everyday conversation' at a training day on communication skills for Estyn, the Inspectorate for Education and Training in Wales.

Professor Peter Sells spoke at a conference on Historical Linguistics in Oslo, and Association of Linguistic Typology meeting in Leipzig.

Management

Dr Andy Charlwood presented 'Psycho-social job strain, working time and cigarette smoking: evidence from Australia and Great Britain' at the 'Household, Income and Labour Dynamics in Australia' conference, University of Melbourne.

Dr Keith Anderson, Dr Muhammad Moshfique Uddin, Paul Tyack (Development and Alumni Relations Office) and students, won a large donation from alumnus Paul Griffiths of Fixed Income and Credit at First State Investments, to found the Griff Investment Fund - a student-led long-only global equity fund.

Simon Sweeney spoke on enhancing the international dimension of UK education at the Higher Education Academy-organised Encouraging Outward Student Mobility seminar in York.

The Centre for the Evolution of Global Business and Institutions (CEGBI), headed by Professor Teresa da Silva Lopes, and the Centre for the Study of Working Lives (CSWL), headed by Professor Stephen Linstead, were officially launched.

Dr Barbara Bechter presented 'European sector level bargaining: prospects and drawbacks' at the International Labour and Employment Relations Associations (ILERA) conference, Amsterdam, and 'Developments in public sector industrial relations in Europe: a comparative analysis' at the Society for the Advancement of Socio-Economics (SASE) conference, University of Milan, Italy.

Dr Bernd Brandl presented 'An investigation of the policies and politics of social pacts: when the time is right' at the International Labour and Employment Relations Associations (ILERA) conference, Amsterdam, and the Society for the Advancement of Socio-Economics (SASE) conference at the University of Milan, Italy. Professor Andrew Pendleton chaired a symposium on the employment impact of New Investment Funds at the SASE conference.

Mathematics

Dr Michael Bate secured funding from the Engineering and Physical Sciences Research Council to research new perspectives on buildings and their links with other areas of algebra and geometry.

Professor Reidun Twarock and Dr Eric Dykeman received funding from the Engineering and Physical Sciences Research Council to research the evolution of viruses at the York

STAFF NEWS



Professor Kate Pickett (Health Sciences) has been appointed to the Living Wage Commission.



Dr Sam Oddie, a consultant paediatrician at Bradford Royal Infirmary, has been appointed as a visiting Senior Research fellow at the Centre for Reviews and Dissemination.



Professor Karen Spilbury (Health Sciences) has received an Honorary Professorship from the School of Nursing Sciences, University of East Anglia.



Dr Martin Milton, Director of the International Bureau of Weights and Measures, has been awarded an Honorary Professorship in the Department of Chemistry.



Professor Elizabeth Meins (Psychology) is one of seven fellows appointed under the Economic and Social Research Council's Professorial Fellowship Scheme for 2012/13. She will use the award to develop materials to improve parents' ability to 'tune in' to their babies, known as mind-mindedness.



Professor Yalian Li from the Department of Statistics and Actuarial Science, Chongqing University, China is visiting Professor Wenyang Zhang, (Mathematics), for one year from July 2013.



Dr Roger Colbeck joins the Department of Mathematics as Anniversary Research Lecturer from ETH Zurich. His main research interests are quantum information theory and the foundations of quantum mechanics.



Professor Gregory Currie has joined the Department of Philosophy from the University of Nottingham. Professor Currie is widely known for his work on the Philosophy of Art and Philosophy of Psychology.



Professor Carl Thompson (Health Sciences) has secured a three-year appointment as a non-executive director to the Leeds and York Partnership NHS Foundation Trust.

Accreditation for Biology degree programmes

The Department of Biology has been awarded accreditation by the Society of Biology for four of its degree programmes: Biochemistry with a Year in Industry, Genetics with a Year in Industry, Molecular Cell Biology with a Year in Industry and Biotechnology and Microbiology with a Year in Industry.

The Society commended the Department's strong and historic links with placement providers, the small group tutorial system, and the integration of research into teaching.

Graduates will be eligible to attain qualification as a chartered biologist (CBiol) with one year's further practice, as opposed to three years of practice required for non-accredited programmes.

Bikes@HYMS

Hull York Medical School (HYMS) staff, students and alumni raised £3,474 for charity by cycling 250 miles in just under 24 hours.

The team of 11 set off on a round trip from Castle Hill Hospital, Hull, visiting clinical teaching locations in Scarborough, York, Goole, Scunthorpe and Grimsby along the way.

This BIKE@HYMS event is just one of a number of events to celebrate the medical school's tenth birthday, and raise money to fund HYMS scholarships and bursaries and support five hospices in the region.

Among those taking part were HYMS staff and students: Jon Bateman, Jonathan Bynoe, Giles Davidson, Jeffrey Barber, Benjamin Snowden and Charlie Rowland; Simon Smith from York Hospital; Sean Bennett from Castle Hill Hospital; HYMS alumnus Neil Cattell; and Tim Franklin from the University of York.

HYMS also held a tenth anniversary ball at the National Railway Museum which raised £1,255 for HYMS@TEN charities.



Giles Davidson and Paul Scott

Centre for Complex Systems Analysis.

The East Midlands Stochastic Analysis Seminar sponsored by the Department and the London Mathematical Society was co-organised by Zdzislaw Brzezniak.

Dr Chris Hughes spoke on 'Extreme behaviour: how big can things get?' in Venice at the 'Random combinatorial structures and statistical mechanics' workshop.

Dr Stefan Weigert spoke on 'Triples of Canonical Observables' at a workshop on Quantum Optics (CEWQ020) in Stockholm, Sweden.

Politics

Dr Martin O'Neill received £46,000 from the Independent Social Research Foundation for 'Social justice, redistribution and the democratisation of capital'.

The British Academy awarded Dr Carole Spary with £7,705 for 'Performing representation: women parliamentarians and political participation in India'.

Dr Audra Mitchell was awarded a £49,892 fellowship from the Independent Social Research Foundation for a project entitled 'Posthuman security: an integrated ethics'.

Professor Allison Drew presented 'Neville Alexander and Socialist History' at the 'Life and Times of Neville Alexander' commemorative conference at the Centre for the Advancement of Non-Racialism and Democracy, Nelson Mandela Metropolitan University, Port Elizabeth, South Africa.

Psychology

Dr Peter Bull and Karolis Miskinis presented 'Political rhetoric in a cross-cultural context' at a symposium on 'Evoking Political Behavior: Verbal and Nonverbal Communication', at the Scientific Meeting of the International Society of Political Psychology, Herzliya, Israel.

Social Policy Research Unit

At the Social Policy Association conference at the University of Sheffield, Dr Nicola Moran presented 'Ineligible for services, under-funded services, and challenging economic times: difficulties facing young people with high-functioning autism and Asperger's Syndrome as they transition to adult services and adulthood'. At the same event Professor Caroline Glendinning organised the symposium 'Personalisation in English adult social care – critical perspectives' where she presented 'Local authority-managed personal budgets – do they offer choice, control and personalised home care support?' with Dr Parvaneh Rabiee, and 'Involving carers in the personalisation of adult social care' with Dr Wendy Mitchell and Dr Brooks. Kate Gridley and Dr Jenni Brooks also presented 'Good support for people with complex needs: what does it look like and where is the evidence?'.

Anne Corden presented 'Economic impact of family bereavement: where does responsibility lie?' at the Centre for Death and Society conference on 'New economies of death: the commodification of dying, the dead body and bereavement' organised by the University of Bath.

Professor Caroline Glendinning presented 'Squaring the circle: personalisation and personal budgets – how do carers fit in?', 'Local authority managed personal budgets – what

opportunities for choice and control over home care?' and 'Long-term care reform in England – a long and very unfinished story' at the International Association of Gerontology and Geriatrics World Congress in Seoul, South Korea. Professor Glendinning chaired a discussion at the 'Demographic ageing: policy implications and strategies' conference in Berlin, organised by the Foreign and Commonwealth Office, the Bertelsmann Foundation and the British Embassy, and presented 'Personal health budgets: the experiences of budget holders and carers' at Health and Care, London and 'Reducing long-term need and dependency on services: messages from research. Home care reablement – evidence of effectiveness and cost-effectiveness' at the 'Making resources go further through prevention' Leaders' Forum organised by Research in Practice for Adults at Dartington Hall, Totnes.

Kate Gridley, co-ran a workshop on 'Life story work in dementia care: emerging research findings' at Community Care Live, London.

Annie Irvine, co-ran a workshop on managing work-focused interviews for JobCentre Plus expert practitioners.

Professor Gillian Parker presented 'The dementia research agenda' at the Department of Health-organised Dementia Roadshow, at Leeds Metropolitan University.

Professor Roy Sainsbury presented 'The world's most remote social security system – transforming benefits in St Helena' at the Foundation for International Studies on Social Security conference, Sigtuna, Sweden.

Gemma Spiers presented 'Assessing outcomes of integrated health and social care' and Dr Nicola Moran presented a poster on 'Eligibility for services for young people with high-functioning autism and Asperger's Syndrome as they transition to adult services and adulthood' at the Health Services Research Network Symposium, Nottingham.

Professor Mike Stein presented 'Recognising and responding to adolescent neglect' at 'Eradicating childhood neglect: effective assessment, analysis and intervention' at the Institute of Child Health, University College London, and 'Promoting the resilience of young people from care to adulthood: messages from research' at Surrey County Council's 'Improving outcomes, changing lives' conference for Designated Teachers for Children in Care, Dorking.

Lucy Stuttard presented 'Parents' roles and involvement in young adults' clinic appointments' at the European Cystic Fibrosis Society Conference, Lisbon, Portugal.

Dr Jenni Brooks and Kate Gridley presented 'Good social care for people with complex needs: a scoping study', Dr Wendy Mitchell presented 'Involving carers in personalised adult social care practice' and Dr Parvaneh Rabiee presented 'Personalised home care services for older people using managed personal budgets' at the NIHR School for Social Care Research 'Insights from research on personalisation' workshop.

Social Policy and Social Work

Dr Carolyn Snell and Harriet Thomson published an online policy brief to raise awareness about energy poverty in Europe. The research was supported by eaga Charitable Trust (eaga-CT).

A Department-organised White Rose Doctoral

Training Centre seminar day included keynote speeches from Professor Mary Maynard, Professor Ian Shaw and Dr Martin Webber.

At the Social Policy Association conference on Social Policy in Challenging Times at the University of Sheffield, Dr John Hudson co-presented 'Comparing the effects of cash benefits and in-kind services on family outcomes using macro-level cross-national data - a scoping paper' and with Nam Jo and Dr Antonia Keung presented 'Does the cultural context really shape welfare? A comparative analysis'. Dr Carolyn Snell, Dr Mark Bevan (CHP) and Harriet Thomson also presented 'Disabled people, welfare reform and fuel poverty'. Professor Jonathan Bradshaw presented 'Addressing child poverty in middle income countries through cash benefits', and with Gill Main spoke on 'Children's necessities' as part of a symposium on Public Perceptions of Necessities and Social Exclusion and 'Child poverty and deprivation'. Professor Peter Dwyer spoke on 'The curious incident of vanishing ill-health and impairment: re-classifying disabled people as unemployed', Dr Dan Horsfall presented 'Gis a (temporary) job!: Young people and unemployment, employment, employment protection, and the financial crisis' and Dr Kate Brown presented her research on 'Vulnerability, care and control: findings from an empirical study'. Dr Antonios Roumpakis co-presented 'Familistic welfare capitalism in crisis: The case of Greece'. Beth Watts, Adam Formby and Nan Yang also presented at the conference.

Dr Martin Webber presented 'The untapped potential of mental health social work' at the Hertfordshire Partnership Foundation NHS Trust Social Work Conference in Stevenage, 'The Meaningful Involvement Study' at The Impact of User and Carer Involvement on Social Work Education Conference, Hull and 'Tackling inequalities in access to social capital: introducing the Connecting People Intervention' at the International Conference on Social Work in Health and Mental Health, Los Angeles.

Work created by the Department's students

exploring social workers identity and artistic representations of social work was presented by Patricia Walton at the Joint Social Work Education Conference (JSWEC), Royal Holloway.

Sociology

Dr Merran Toerien and Dr Sian Beynon-Jones received a British Academy International Partnership and Mobility Scheme grant to enable collaborative visits between the University of York and Rhodes University in South Africa for the development of their comparative study of pre-termination of pregnancy consultations in South Africa and the UK.

Dr Merran Toerien, Sarah Shrive-Morrison and the Department's admin team co-organised the Conversation Analysis and Clinical Encounters Conference (CACE) in York.

Professor Sharon Macdonald spoke on 'Making differences and citizens in ethnographic museums' - at the Future of Ethnographic Museums conference, Oxford University, and co-organised panels on 'Living Heritage in China Today' and 'A Museum Ethnography: Decolonisation, Reconciliation and Multiculturalism' at the World Congress of Anthropology, Manchester. Professor Macdonald received funding from the Alexander von Humboldt Association for a month's fieldwork in Nuremberg, Munich and Berlin where she is revisiting the theme of 'difficult heritage' and has presented the opening lecture at the conference of the Deutsche Gesellschaft für Volkskunde (German Folklore Society).

Professor Ian Davies and Brian Loader chaired a discussion exploring the potential of social media to re-connect young people with democratic politics, in a Parliament Committee Room.

Theatre, Film and Television

Dr Sandra Pualetto chaired the Perspectives on Sound Design Symposium, where leading researchers and industry practitioners discussed research and practice in the emergent field of sound design.

Helping students to plan their careers

New improvements to the Careers Employability Tutorial will make it easier for students to compare different career options.

'Your ideas' is an interactive online tool which leads students through a process of researching career options and listing the pros, cons and unknowns to help them make decisions.

The information is shared with departmental supervisors as a starting point for discussions around students' personal development, careers and employability.

The Careers Employability Tutorial is available to all students and staff through Yorkshare: vle.york.ac.uk. If you would like to find out more or make a suggestion, contact chris.millson@york.ac.uk

50 years of Information



The Library, IT Services and Archives are celebrating the University's 50th Anniversary with a timeline in the Harry Fairhurst Building corridor showing key moments in the history of all three services.

The display spans from 1953, when the Borthwick Archives were established, to 2011 which saw the opening of the Harry Fairhurst Building and the acquisition of the Ayckbourn archive.

The Borthwick and York Digital Library have also supported the University's first oral history project: www.york.ac.uk/50/history/oral-history.

Other activities include an exhibition celebrating 60 years of the Borthwick and 50 years of the University in the Samuel Storey Gallery, and three public lectures in November and December on the Founders of the University, based on research using the University Archive.

Visit www.york.ac.uk/information-directorate/50thanniversary

Take advantage of our international opportunities

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language skills and gain inspiration from new ideas and outlooks.

Whether you'd like to do a teaching assignment, language training, job-shadowing or an international visit, the Centre for Global Programmes offers various funding opportunities for all University of York staff, academic and administrative.

Annie Hughes, a Senior Teaching Fellow in Educational Studies, who travelled to New Zealand earlier this year, said, "The visit to the University of Waikato gave me an invaluable opportunity to reflect on my current practice, to 'step outside' my normal day-to-day work and reflect on teaching and learning. I would really recommend such a visit to anyone at York."

For more information about the opportunities available visit www.york.ac.uk/about/international-relations/international-relations/studyabroadoffice



UNIVERSITY *of York*

Merchant Adventurers' Arts Discovery Event

Keeping Time

Ian Bruce Huntley's
South African
jazz archive

Presented by Jonathan Eato
Department of Music
University of York

Thursday 14 November
6.30pm

Merchant Adventurers' Hall
Fossgate, York

Admission by free ticket only,
available from
www.york.ac.uk/tickets
or 01904 324778

Tete Mbambisa (piano) playing at
Langa Stadium, Cape Town in 1972
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