

UNIVERSITY *of* York

Winter 2013/14

magazine

Sunsets, storms and shipwrecks

York academic co-curates
Turner exhibition

PROFESSOR KOEN LAMBERTS –
YORK'S NEW VICE-CHANCELLOR

SEAMUS HEANEY REMEMBERED

CELEBRATING A HEALTH
ECONOMICS PIONEER

THE WORLD
UNIVERSITY
RANKINGS
WORLD TOP 100

COVER STORY

Turner and the Sea

Dr Richard Johns (History of Art) has co-curated 'Turner and the Sea', a collection of dramatic seascapes which revolutionised maritime art and have become some of Britain's best-loved paintings. The exhibition at the National Maritime Museum is open until 21 April 2014.

Cover image: *The Battle of Trafalgar, 21 October 1805* by JMW Turner, 1823–24, oil on canvas © National Maritime Museum (Greenwich Hospital Collection)

Right: *The Fighting Temeraire, tugged to her last Berth to be broken up*, 1838 by JMW Turner, 1839, oil on canvas © The National Gallery, London

Below: *The Shipwreck* by JMW Turner, oil on canvas, exhibited at Turner's gallery in 1805 © Tate



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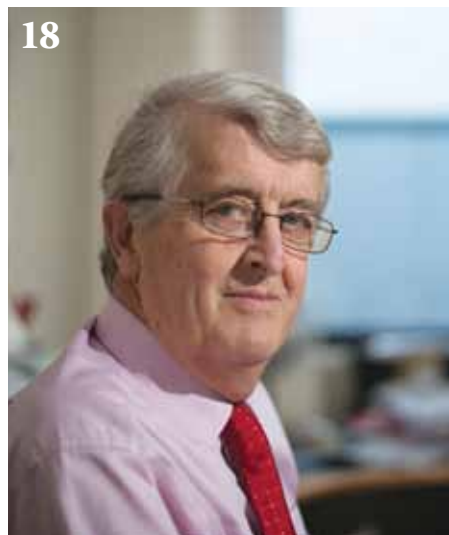
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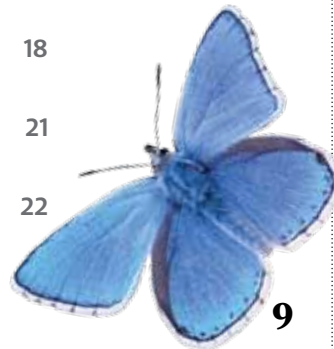
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York campus ablaze with colour

The University hosted a stunning fireworks display to mark its 50th Anniversary and celebrate its important role in the city.

The free event, attended by 6,500 members of the local community, staff and students, was one of the final celebrations in a calendar

of events which began at York Minster in February.

The colourful evening, held on the traditional night for fireworks, November 5, organised in collaboration with the University of York Students' Union (YUSU) and supported by the University Partnership Programme (UPP), also featured demonstrations and music by student societies.



Electronics student Ran Xia took this stunning photo of the fireworks, which was used as one of the University's 2013 Christmas card designs

MESSAGE FROM... The Vice-Chancellor

Welcome to the first edition of the University Magazine in 2014, and my first as the University's new Vice-Chancellor. I am absolutely delighted to have arrived at York and I look forward to working with all of you.

I want to say a special thanks to Jane Grenville for holding the fort so admirably during the Autumn Term and to all colleagues who have made great efforts to welcome me and my family to York. I am not quite ready yet to wander around campus without a map, but I am sure it won't take long before I discover all the shortcuts!

There are many reasons why I decided to move to York. Most important, perhaps, is that I share some of my most strongly held values with this University. In the past few months, I have met colleagues and students from many areas of the University and I have talked to as many people as I can. This has given me a strong sense of a university community that shares a profound commitment to the principles of excellence, equality and opportunity and to the reflection of these principles in our teaching, in our research - in everything we do, really. York seems to have a strong sense of purpose, and I think this has been one of the main pillars of its success.

As a university, York is not particularly large and it is not particularly wealthy. So to ensure our presence among the best universities in the world, we have to remain focused on our strengths. Excellence is ultimately what we have got to offer - it defines us and it will continue to be the making of this institution. We should never take it for granted and we have a collective responsibility to ensure that our commitment to excellence never weakens.

2013 was a very special year for the University. The 50th Anniversary was a great opportunity to celebrate everybody who has helped to turn York into a brilliant educational institution. For a university, 50 years is not very old, but I think it still marks an important transition. The University is at an age at which 'being young' should probably no longer be offered routinely as an explanation or excuse.

York is in the Russell Group, where it belongs, and it is there because it is outstanding - we no longer need the 'for its age' qualifier. With growing up, however, comes the need to make important choices. While a commitment to excellence is essential, it is not a sufficient condition for success. Research-intensive universities operate in a very competitive and dynamic national and global environment and to remain an internationally leading institution requires serious focus and determination.

To keep that focus, or to sharpen it even



“We have a collective responsibility to ensure that our commitment to excellence never weakens”

Professor Koen Lamberts

further, we must confront some big questions about how we forge our future. For instance, how should we organise our research to secure our position as an outstanding research-intensive university? How should we teach, to remain attractive to the best students and offer them an outstanding education? How can we secure the investment we need to support great research and great teaching? How can we continue to develop our infrastructure, at a time when capital funding is increasingly difficult to

obtain? How can we build the international credibility to develop and instigate innovative partnerships to compete with the best universities in the world?

In the next few months, I want us to develop a strategic plan for the University of York that answers these big questions. We will have to decide what our priorities are in research and in teaching and what we should put in place to achieve our ambitions. We will make decisions that will affect the future size and shape of the University; to do this

well, we will have to make a truly collective effort. I would therefore like to engage the entire University community in consultation and discussion. I sincerely hope you will all become involved.

I look forward to meeting as many colleagues as possible in the coming months to discuss how we can work together in the future. Somewhat belatedly, I wish you all a wonderful 2014!

Professor Koen Lamberts

Gordon's grounds for an honour



Image: Dominic Ennis

Grounds Maintenance Manager Gordon Eastham has been awarded a British Empire Medal in the New Year's Honours List.

Gordon heads up the 25-strong team of grounds staff who maintain the University's 500-acre campus, and the grounds at King's Manor in York city centre.

Gordon said, "Although I oversee and direct the work, the hard labour is carried out by the grounds staff so this award is a reflection of their very successful efforts.

"The campus grounds are like the public face of the University and it's important they are always maintained in good condition. We also do a lot of work to support the biodiversity of the campus."

Gordon played a pivotal role in developing the landscape on Heslington East, which supports growing populations of wildlife and wild flowers including some rare species.

University staff take on the Challenge

Members of the University's Senior Management Group triumphed against a team of students in York's annual *University Challenge* event, held in January this year.

Professor Jane Grenville, Professor John Robinson, Professor Deborah Smith and Graham Gilbert took on students Adam Koper, Jack Alexander, Josef Crowther and Alasdair Middleton in the quiz, which was filmed by ITV for an upcoming documentary.

Despite holding a 35 point lead at the end of the first half, the students were defeated by the staff team, which won with a final score of 270 to 230.

The students will represent York in BBC Two's *University Challenge* later this year.



Image: Mark Woodward

Your starter for 10: Professor Jane Grenville and Professor John Robinson put their knowledge to the test

University awards eight honorary degrees

Leading figures from the world of science, literature, politics and music received Honorary Doctorates from the University at the January graduation ceremonies.

Sigrid Rausing, founder of the Sigrid Rausing Trust and publisher of *Granta* magazine and Granta Books; **Rae McGrath**, a specialist in conflict, post-conflict and natural emergency response, and Country Director for North Syria and Turkey for Mercy; **Koji Omi**, one of Japan's most influential figures, who has held several Cabinet posts including Minister of State for Science and Technology Policies, and Minister

of Finance; **Philip Moore**, Organist and Master of the Music at York Minster from 1983 to 2008; **Claire Tomalin**, Vice-President of the Royal Literary Fund and English PEN, and author of acclaimed biographies of Katherine Mansfield, Jane Austen and Samuel Pepys, among others; **Dr Richard Barber FRSL, FSA, FRHistS**, founder and Managing Director of Boydell and Brewer for 40 years, and a

prolific author of books on medieval history; **Professor Sir Christopher Llewellyn Smith FRS**, Director of Energy Research at Oxford University and President of the Council of SESAME (Synchrotron-light for Experimental Science and Applications in the Middle East); and **Dr Alice Maynard**, Chair of disability charity Scope and founder and Director of Future Inclusion Ltd.



Sigrid Rausing



Rae McGrath



Koji Omi



Philip Moore



Claire Tomalin



Dr Richard Barber FRSL, FSA, FRHistS



Professor Sir Christopher Llewellyn Smith FRS



Dr Alice Maynard

New lease of life for historic coat of arms

Conservation work has returned the striking coat of arms above the King's Manor entrance to its former grandeur.

The King's Manor, which is part of the University's city centre site, was originally the Abbot's House of St Mary's Abbey, and served the Tudors and Stuarts as a seat of government. As the headquarters of the Council of the North, it was the official residence of the President of the Council and played host to visiting royalty. The restored coat of arms is that of Charles I who stayed at the King's Manor in 1633 and 1639.

Helen Stephenson from the Estates Department managed the project.

She said, "The driving force behind the conservation work was a suggestion by Professor Sir Ron Cooke, former Vice-Chancellor of the University, that embarking on the restoration would be a fitting way for the University to support the York 800 celebrations and Reinvigorate York."

"The process began with a detailed condition survey and architectural paint research in November 2011, which led to some quite significant stonework repairs and the repainting of the coat of arms."

The restoration work was carried out by Hirst Conservation.

Find out more about the restoration: <http://bit.ly/kmcoatofarms>



Before and after: the dramatic transformation is captured in this photo montage by Dan Wiggle of the University's Digital Marketing and Communications team

york **concerts**

The **Goldfield Ensemble** (26 February) focuses on music for which the English countryside was a vital shaping force. Their programme includes piano quintets by Elgar and Bridge and music for string trio by Ireland and Alwyn.

University singers are busy with the **University Choir** and **Symphony Orchestra** joining forces for Bruckner's powerful *Te Deum* (5 March), and Bach's *St John Passion* (12 March) performed by the University Chamber Choir with top soloists Charles Daniels (Evangelist) and Stephen Varcoe (Christus). Chamber choir **The 24** presents a programme of English madrigals and part-songs in the opening event of the Britain in Song weekend of vocal workshops and concerts (14 March).



Image: www.philocomnor.com

Dharshini Tambiah

Piano recitals feature York alumnus **Joseph Houston** (22 February), who explores musical memory and resonance in a lunchtime concert, and **Dharshini Tambiah** (28 February) offering a rare opportunity to hear music by American composer/pianist Robert Helps alongside pieces by Ravel, Fauré and Rachmaninoff.

Looking ahead to the Summer Term, the annual **Baroque Day** at the National Centre for Early Music (3 May) features music by CPE Bach in the context of Dr Charles Burney's musical journeys. Britten's comic opera **Albert Herring** (7 May) is performed by student singers and instrumentalists and the **Spring Festival** (9-11 May) takes its Carnival theme to the city centre.

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

Students rise to the Raspberry Pi computer challenge

First year Computer Science students recently battled it out over a Raspberry Pi challenge designed to demonstrate their creativity.

All students about to start on the undergraduate Computer Science course were sent a free Raspberry Pi, a credit card-sized programmable computer.

The students were challenged to come up with a battling Pi or another idea to test their programming skills – and once they arrived at York, they showed off their ideas at a contest in the Department.

Dr Gordon Hollingworth, Head of Software at Raspberry Pi and an alumnus of York, attended the event.

He said, "We are amazed by the quantity and quality of entries and the way the students worked together to improve their code as they went through the Battle Pi part of the contest. We hope that some of the participants will find time to write their projects up and

share them with us."

The event was organised by Admissions Tutor Dr Will Smith, Undergraduate Admissions Administrator Dominique Pickering, and Student Recruitment and Marketing Manager Emma Hodgson.

See how the students got on in the Raspberry Pi challenge: <http://youtu.be/PgjbIBG2sf8>



The fruits of his labour: a student demonstrates his Raspberry Pi project at the challenge event in Computer Science

Chemists triumph in the Green Gown Awards for sustainability

The Green Chemistry Centre of Excellence has won a national award for its work in green and sustainable industrial technologies.



Dr Avtar Matharu and Professor James Clark at the awards ceremony

The Centre emerged top in the Research and Development category of the Green Gown Awards which recognise exceptional sustainability initiatives in academic institutions. Judges praised the scale of the Centre's links with industry and its contribution to promoting research and development with businesses across the Yorkshire and Humber region, nationally and internationally.

Dr Avtar Matharu, the Centre's deputy director said, "This award recognises our hard-fought efforts over ten years in developing, maintaining and enhancing the high quality provision of green and sustainable chemistry. We are aiming to enable a strategic step change to a knowledge-based, low carbon, biorenewable economy."

The University was shortlisted for a further two Green Gown Awards. Read more on page 14



Image: Charlie Cliff

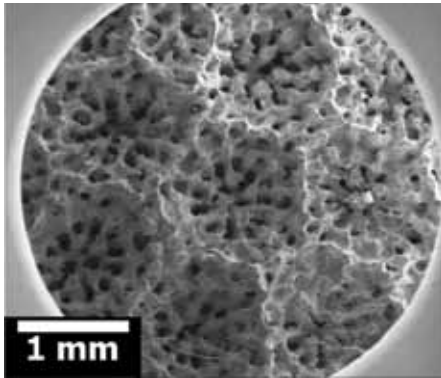


Image: Renée van de Loch/Dr Roland Kröger

IN PICTURES

Life and work at York

Clockwise from top

British expatriate Simon, who owns a Caribbean themed bar on Fuengirola beachfront

A photographic exhibition challenging stereotypes of 'Brits Abroad' was staged at the University as part a project on migration. Dr Neil Lunt (Social Policy and Social Work) is one of the project leaders: <http://bit.ly/britsabroadphotos>

Solovetsky Monastery situated on the Solovetsky Islands in the White Sea

Professor David Moon (History) is leading a network of British, American and Russian academics in a series of field trips to Russia and Ukraine for a project exploring Russia's environmental history: <http://bit.ly/russianhist>



Chemistry postgraduate student and 'Human of York', Okesola Babatunde

Inspired by popular photo blog 'Humans of New York', the University's social media team has launched its own version, featuring staff and students from across the campus: <http://bit.ly/humansofyork>

Cone snail shells

Research led by Howard Peters (Environment) has found that some species of cone snails are at imminent risk of extinction. This could threaten current research using their neurotoxins for the development of life-saving drugs: <http://bit.ly/conesnail>

Adonis blue butterfly

Stable population trends are a prerequisite for species' range expansion according to new research by Biology PhD student Louise Mair and her colleagues: <http://bit.ly/adonisblue>

Porites Lobata corallite surface

An international team of scientists, led by Dr Roland Kröger (Physics), has shed important new light on coral skeleton formation: <http://bit.ly/coralskeleton>



Image: Abigail Sutton



Image: Peter Eeles/Butterfly Conservation

Richard III finds a voice in his childhood home

As debate continues about where the recently discovered remains of the 'Last King of York' should be buried, Richard III's childhood home is to host a screening of a rare black and white film version of Shakespeare's historical play about the king. The film has been given a new 'voice' with a script by Professor of Film and Literature, Judith Buchanan.

Professor Buchanan is working with English Heritage on plans for the screening at Middleham Castle in North Yorkshire, where the real Richard III grew up under the wardship of Richard Neville. The film, made in 1911, will be projected onto a screen within the castle ruins for two performances across the August bank holiday weekend.

The performance follows a screening in York Theatre Royal when the specially-developed script was voiced live by professional actors. The performance also

featured a musical accompaniment by pianist John Sweeney.

There has been much discussion about the character of Richard III, who was depicted by Shakespeare as a physically deformed Machiavellian villain, in line with Tudor propaganda. But he lived in ruthless times, playing a significant role in the War of the Roses, in which the Houses of York and Plantagenet fought for the throne.

Richard died at the battle of Bosworth Field and was hastily interred with no

ceremony in Greyfriars Church, Leicester. Excavations last year revealed his remains in the foundations which now lie under a city centre car park.

Professor Buchanan said, "At Middleham, we will again be forging a new and interesting relationship between the performance then and the performance now, the onscreen and offscreen, the long gone and the contemporary actor – only this time in a space with very special historical and topical resonance in relation to Richard III's own story."



Far left: Steven Elder voices the part of Gloucester while Leandra Ashton is Lady Anne in the *Richard III* screening at York Theatre Royal

Left: Frank Benson as King Richard addressing the troops before the Battle of Bosworth in the silent film made in 1911

Historians help to shape a healthier future

The importance of medical history to the future of global health has been acknowledged by the World Health Organisation (WHO), which has designated the University's Centre for Global Health Histories (CGHH) as the WHO Collaborating Centre for Global Health Histories.

Although medicine and healthcare has evolved considerably in the last 100 years, this does not mean that issues once thought consigned to the past are no longer a threat. In the UK, for example, rates of tuberculosis have now stabilised after a period of increase, although they remain high compared to most other Western European countries.

CGHH, which is part of the Department of History and funded by the University and the Wellcome Trust, has been given WHO Collaborating Centre status for the next four years, which can be renewed before it ends. This status is awarded to selected centres and institutions which are established WHO

collaborators and have a proven track record in assisting the WHO to implement its work and achieve its goals.

Professor Sanjoy Bhattacharya, Director of CGHH, said, "The WHO and the CGHH have worked together to create new and



At the US-Mexico border, a Health Officer vaccinates a young traveller

long-lasting links between international health and development agencies, and academic bodies all over the globe. The birth of the WHO Collaborating Centre for Global Health Histories at York is a result of a shared commitment between these leading institutions to ensure that work related to public engagement, independent policy evaluation and the creation of global alliances for the promotion of health remains unaffected in a changing world."

Clare Matterson, Director of Medical Humanities and Engagement at the Wellcome Trust, added, "The Wellcome Trust is committed not only to driving improvements in health through biomedical research, but also to exploring the role that historical research and the medical humanities have to play within science and society. The Trust has been proud to support the work carried out by the CGHH and by Professor Bhattacharya, and we are therefore delighted by the formal recognition granted by the WHO."

Find out more: www.york.ac.uk/history/global-health-histories



Image: BAFTA/Jonathan Birch

Theatre, Film and Television MA student Sam Hughes meets Prince William at the BAFTA event

Royal recognition for film student

One of the first recipients of a Prince William Scholarship in Film, Television and Games is film student Sam Hughes who is currently studying for an MA in Postproduction with Sound Design at the Department of Theatre, Film and Television.

Sam met the Duke of Cambridge, who is President of BAFTA, along with other scholarship students, at a recent event in London. It launched the organisation's 'Give Something Back' campaign which encourages BAFTA members and industry organisations to help young people from all backgrounds to enter the film, television and games industries.

Sam is one of only three students to be awarded the new scholarships which are funded by Warner Bros.

Art books boost for Library

Subjects ranging from woodcutting to Warhol and sculpture to sign painting are included in a collection of over 5,000 art-related books and other items donated to the University Library by York Museums Trust.

The collection from York City Art Gallery will be added to library stock over the next year, mostly on the open shelves in the JB Morrell Library, enhancing the breadth and quality of art-related materials available to all library users.

To identify items in the collection as they are added to stock, look through 'Yorsearch' (the Library catalogue) by using the advanced search option, selecting 'Provenance' and entering 'York City Art Gallery'.



Conference puts chronic disease in the spotlight



A digital art installation in the 360 immersive space, dramatising the chronic health issues of adolescents across the globe, was one of the highlights at the Centre for Chronic Diseases and Disorders' first conference, held in September.

At the event on neurological and mental health disorders and chronic infections, Professor Merrill Singer, Professor of Anthropology and Public Health at the University of Connecticut, spoke about 'The global health impacts of syndemics of chronic infection'.

Delegates also heard about subjects such as new antimicrobial therapies, analysing skeletal remains from different historical periods to chart the evolution of periodontal pathogens, and 'History in global health: a tool for publicity or analysis'.

Four decades of social policy research

Landmark studies of poverty and minimum income standards in Britain feature in Professor Jonathan Bradshaw's new volume: *Social Policy: Selected writings 1972–2011*.



The free ebook was produced to mark the retirement of Professor Bradshaw, who has been a leading social policy scholar for over 40 years. During his career he founded the Social Policy Research Unit at York, contributed to numerous studies for the Joseph Rowntree Foundation, and issued a wake-up call to policy makers worldwide by producing the first international 'league table' of child well-being.

The book is available to download here:
<http://bit.ly/1dvzK9x>

From the archives: York's pacifist past uncovered

The tensions caused by York's history of pacifism and conscientious objection during World War I were laid bare in a talk and exhibition at the University of York's Borthwick Institute for Archives.

'Arnold Stephenson Rowntree and the Business of Conscientious Objection' focused on the life and beliefs of Arnold Rowntree, nephew of philanthropist and chocolate manufacturer Joseph Rowntree. As a Quaker and Liberal MP for the city, Arnold championed the cause of the city's conscientious objectors, young men who – often drawing on Quaker principles – refused to take up arms.

As the exhibition showed, it was a stance which brought Arnold into direct conflict with politicians, the military and the families of those on the front line. It also created tensions within the Rowntree family when Arnold's cousin Lawrence opted to go to war.

The exhibition featured family photograph albums, letters and business papers from Quaker institutions in York such as The Retreat hospital and the Rowntree's confectionery company. Newspaper articles and letters, some voicing strong criticism of Arnold's pacifist stance and some supporting his views, were also

included in the exhibition.

Despite fierce local criticism, Arnold Rowntree made the most of his profile as an MP and a leading businessman to highlight the cause of those who refused to fight. His efforts included a leading role in the establishment of the Friends Ambulance Unit, a volunteer group which ferried casualties from the front line allowing conscientious objectors to contribute to the war effort without direct combat.

Arnold also used his influence within the family chocolate business and as Chairman of the management committee at The Retreat hospital to get many objectors back into work after the war.



Arnold Stephenson Rowntree seated (left) with his wife, Mary Katherine and their children pictured in the grounds of Barmoor House at Hutton le Hole in North Yorkshire

Image: Rowntree Society Archive at the Borthwick Institute for Archives

Major project to track urban air pollution

New technologies to improve the understanding of urban pollution and its effects on human health and the environment are the focus of a €3.5m project led by Professor Alastair Boxall of York's Environment Department.

Cutting-Edge Approaches for Pollution Assessment in Cities (CAPACITIE) will harness a wide range of technologies including

mobile phones, passive sampling devices, miniaturised sensing devices, robotics and analytical techniques such as time of flight mass spectrometry to monitor different forms of pollution in cities across the globe, including York, Berlin and Seoul.

The project involves experts from the Environment Department and the Departments of Electronics, Computer Science, Chemistry, Physics and Sociology. It will fund 12 early stage researcher roles from March 2014 for three years.

Professor Boxall said, "With increasing urbanisation across the world, there is an urgent need to improve our understanding of the factors and processes affecting pollution in cities and the potential negative impacts on human health and the environment.

We also need to develop improved approaches for mitigating the effects of a range of pollutants."

The results of the project will be reported in 2017, when the University hosts a major international conference on pollution in cities.

York rugby star tackles international circuit

York student Conan Osborne flew out to the Cayman Islands in November to play in a major international rugby tournament.

Conan, who is studying Politics and International Relations, represented Jamaica in the Stepping Stones North American & Caribbean Rugby Association (NACRA) Rugby 7s, thanks to sponsorship from the University of York and Tactical Enterprise Ltd.

Conan, who grew up in Kent and has only been to Jamaica once in his life, said, "After finally getting accustomed to the heat I was able to make an impact on the score sheet with tries and conversions; two of the crucial ones coming in sudden-death overtime, which allowed us to win in the semi-final, and another in the final which helped us along the way to winning the bowl."

"Due to just one try in a game on the first day, we didn't manage to qualify for the Commonwealth Games or the Hong Kong 7s this time around – however, we did qualify for the Pan American games in Toronto and the CASCO games in Mexico. The trip was an incredible experience and I very much enjoyed having my first taste of 7s on the international circuit."

As a result of his performance Conan has now been invited by the Jamaican rugby league team, ranked 21st in the world, to play games in Jamaica and Toronto next year, as well as the Union side.

"I've had offers from teams on the invitational 7s circuit asking me to play in some of the biggest 7s tournaments across the UK, matching up against current and former professionals, with the intention of looking to play rugby in the South of France upon graduation!"



Conan is a winger for the University's 1st XV

Student nurse wins accolade for 'patients for a day' idea

Image: Jane Wilson



Student nurses Alex Young and Louise Towse with NHS England's Chief Nursing Officer Jane Cummings in the newly extended and modernised Clinical Simulation Unit

A second-year nursing student who encouraged student nurses to be patients for a day so they could experience hospital healthcare at first hand, has won a prestigious health innovation award.

Louise Towse was named one of the UK's top 50 innovators in healthcare by the Health Services Journal when she came up with the idea of running the Clinical Simulation Unit (CSU) in the Department of Health Sciences as a ward. Student nurses became patients, swapping uniforms for pyjamas to find ways to improve patient care.

The York event was organised by the University nursing society NurSoc as part of national NHS Change Day which highlighted innovation in health services. The NHS Change Day organisers were so impressed by the York nursing students, they invited Louise who is Vice President of NurSoc and Alex Young, President of NurSoc, to the Healthcare Innovation Expo in London to meet NHS England's Chief Nursing Officer Jane Cummings and other senior health officials.

Following Louise's trip to London, Jane Cummings visited York when she opened the University's newly extended and modernised CSU. The purpose-built unit provides a safe and supportive environment in which healthcare practitioners and students can develop and enhance their skills. The CSU was extended and upgraded last summer with £350,000 funding from the University and a significant contribution from NHS Yorkshire and the Humber, now Health Education Yorkshire and the Humber.

Students don't miss a thing with VLE's Replay

Students can catch up if they miss a lecture thanks to a new capture system in the University's Virtual Learning Environment (VLE).

"Replay records the lecturer's electronic presentation and the accompanying audio. Our students use it for revision, or to listen again to any points they didn't quite understand when they were in class," said Richard Walker, who introduced the centrally supported service last year.

Student feedback included, "I sit through all of my advanced module seminars again on Replay and it makes such a difference to what I'm able to learn."

A lecturer added, "I tend to review my lecture recordings when preparing similar sessions. It helps me refresh my memory, reflect upon problems and plan ahead. I think my teaching has improved as a result of lecture recording."

An increasing number of departments are using Replay to make lecture recordings available via module sites on the VLE. The services will be introduced to more teaching rooms over the next year.

For more information contact the E-Learning Development Team on vl-support@york.ac.uk



Replay makes it easy for students to watch lectures again on their computers

The One Show's TV presenter joins campus war on waste



TV presenter and scientist Dr Marty Jopson filmed a video on campus to encourage students and staff to recycle their waste: youtu.be/_2aQtq1u5Mk

A major drive to improve recycling rates across the University of York campus has reduced the amount of waste going to landfill by 57 per cent – and gained recognition in a national green awards scheme.

The success of the scheme, launched by Estates and Campus Services in 2012, lies in the food waste bins introduced in student kitchens, commercial kitchens and food outlets across the campus. The bins collect up to nine tonnes of unwanted food each month which is processed into fuel and fertilizer at a local anaerobic digestion plant. Before the introduction of the scheme, around 25 per cent of the University's landfill waste was made up of food.

Recycling rates have also been boosted by the introduction of mixed recycling bins, reducing the need to separate out glass, plastics and paper. All other general bin waste is screened at a materials recycling facility where non-recycled waste is converted into fuel pellets.

The cash savings from the waste strategy are being used to buy more mixed recycling bins with the aim of boosting recycling rates further. The scheme was shortlisted in the latest Green Gown sustainability awards.

"It's a win-win for the University," said Roger Hartshorn, Environmental and Energy Manager. "Reducing the amount of waste going to landfill saves money, and those savings can be ploughed back into resources that allow more recycled materials to be collected.

"Staff and students across the campus have contributed to this success story by taking the

time to use the recycling bins provided. But we think there's potential for further improvements and we urge everyone on campus to use the recycling and charity collection skips, particularly at the end of term."

Charities are also benefitting from the University's war on waste. Over ten tonnes of unwanted clothes have been collected in British Heart Foundation clothes banks. Unwanted furniture is donated and the University is working with the charity on a scheme to deal with unwanted goods at the end of academic year.

A Commercial Services project to use more locally sourced food is proving another key ingredient in the drive to improve sustainability. The Fresh, Fast and Local Food Procurement project aims to ensure campus menus feature more fresh meat, vegetables and dairy products from regional producers, rather than frozen or canned products from national catering suppliers. The result is a boost for the local economy, over 31,000 fewer food miles each year and fresher food.

The project, which featured alongside Estates in the Green Gown Awards short list, is also going down well with diners with increased food sales reported across campus.

Contracts manager Bob Green said, "We are also looking at ways to reduce food waste by introducing food cooked to order rather than large scale batch cooking. This reduces the amount of leftover food and also helps to reduce fuel use."

The new initiative means that campus conference guests now have the option of tucking in to a 'Deliciously Yorkshire' breakfast with many ingredients sourced from local farmers. The 'Hot Wok' service at the Roger Kirk Centre and call order cooking at the Alcuin Bistro are also minimising waste.

Recipes for sustainability? Celebrity chefs under scrutiny

Researchers from the Environment Department ranked the cook books published by ten celebrity chefs between 2005 and 2012 according to the sustainability of the seafood they feature in their recipes.

Hugh Fearnley-Whittingstall was the front runner, with his books achieving an average score of 87 per cent. In comparison, Delia Smith scored consistently low, between 17 and 22 per cent, and finished at the bottom of the table.

Gordon Ramsay, who once encouraged people to eat an endangered fish called orange roughy, rose from bottom of the table in 2007 to third place by 2012. Raymond

Blanc is another chef whose score rose substantially - from 22 per cent to 85 per cent between 2005 and 2011. The study reflects a general improvement in the use of sustainable seafood in cook books in recent years.

Polly Bowman, who carried out the research as part of her MSc degree in Marine Environmental Management said, "Celebrity chefs are a major part of British media culture, and are able to amass formidable book sales. Sales of endorsed products often increase following the release of their books. A chef's ethical leanings may therefore influence the behaviour of consumers."

The full report "Celebrity chefs and the sustainable seafood movement: Smokescreen or a dish to savour?" is available at <http://bit.ly/1a9XVaY>



Hugh Fearnley-Whittingstall has campaigned for consumers to choose more sustainable seafood. Professor Callum Roberts (left) from the Environment Department appeared on his Channel 4 programme *Fish Fight*

New partnerships boost funding for doctoral training

Two new collaborations involving the University of York have received funding to train the next generation of researchers.

The White Rose University Consortium of the Universities of York, Leeds and Sheffield has received a £19m Doctoral Training Partnership award from the Arts and Humanities Research Council (AHRC) to create the White Rose College of the Arts & Humanities, with a further contribution of £4m from the three universities.

The award will allow the new White Rose College to recruit and train more than 300 fully-funded doctoral students over five years, with the first cohort starting in autumn 2014. The College will be coordinated at York, with Professor Julian Richards from the Department of Archaeology as the founding Director.



Further funding has been awarded from the Engineering and Physical Sciences Research Council (EPSRC) to train digital games researchers, designers, developers and entrepreneurs.

Sixty representatives from the world-leading UK games industry, networks and user groups are collaborating with the Universities of York and Essex, Goldsmiths College, University of London to form the EPSRC Centre for Doctoral Training in Intelligent Games and Game Intelligence (IGGI).

The total budget of £12.5m includes investment from the universities involved, partner organisations and the EPSRC.

Professor Peter Cowling from the Department of Computer Science, who will lead the collaboration, said, "The four-year PhD programme combines training in practical skills and cutting-edge research topics in big data analytics, software engineering, artificial intelligence, human-computer interaction, graphics, sound and game design."



For more information see www.arts-and-humanities.whiterose.ac.uk and www.iggi.org.uk

Shining a light on inspiring research

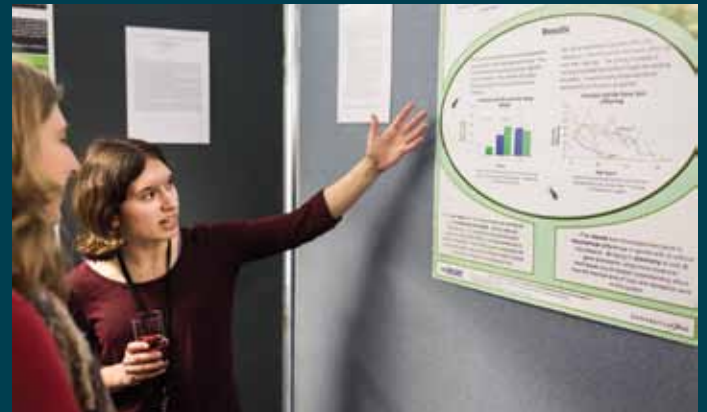


YORKTALKS

RESEARCH IN THE SPOTLIGHT



The new Vice-Chancellor, Professor Koen Lamberts, took the opportunity to speak to students about their research



Postgraduate students were able to discuss their work at a lunchtime poster competition



Professor Martin Smith (Politics) spoke on 'The crisis of UK institutions'



Staff, students and visitors filled the Berrick Saul Building's Bowland Auditorium for each of the four sessions

The role of the rarest element on earth in cancer treatments, book burning as a form of censorship and the benefits of subjecting politicians and their decisions to philosophical scrutiny were just some of the research topics that came under the spotlight in an inspiring public showcase on Wednesday 8 January.

Styled on the highly successful 'TED Talks' lecture series, YorkTalks highlighted some of our most innovative and challenging research in an accessible, fast-paced series of 15-minute talks. The presentations were followed by lively question and answer sessions, which illuminated some of the surprising links between seemingly diverse disciplines.

The fully-booked event gave selected postgraduate students a chance to share and discuss their work in a poster competition and also featured the première of four new films about research from across the University, available to view at www.york.ac.uk/research/news-and-features/video.

The research showcase, the first of its kind at the University, illuminated the work of the Anniversary Professors who were appointed in 2013 to mark York's 50th year. It was also the first public event for the University's new Vice-Chancellor, Professor Koen Lamberts, who opened and closed the day.

Joan Concannon, Director of External Relations, will work with the Pro-Vice-Chancellor for Research, Professor Deborah Smith, and the Academic Coordinators to programme future YorkTalks events to showcase the University's cross-disciplinary contributions to major global challenges.

Find out more: www.york.ac.uk/yorktalks



Deputy-Vice-Chancellor Professor Jane Grenville chaired the day's first sessions



Professor Alan Maynard's work has created a bridge between the academic study of Health Economics and the NHS

Health Economics pioneer celebrates forty years at York

Professor Alan Maynard is the founding father of Health Economics at York. His impressive forty-year career spans academia alongside a prominent non-executive role in local health services.

Professor Alan Maynard is a giant figure in Health Economics. In a career spanning forty years, he has travelled the world and worked in Government and at the highest levels of NHS policymaking. But he retains a passionate interest in York and the work that is done here, both in health economics and health sciences.

Professor Maynard was a student at York in the 1960s, returning in 1971 to teach general economics before his appointment as Founding Director of the MSc in Health Economics in the Department of Economics and Related Studies. With a small group of colleagues, he was instrumental in setting up the Centre for Health Economics (CHE) at the University of York and was its Founding Director from 1983-95. Over the years CHE has prospered, partly due to its engagement with NHS policymaking and the strength of its links with the medical profession.

At the same time, Professor Maynard was asked to act as a non-executive member on the local health authority, marking the start of his parallel career in the NHS. He worked through what he describes as 'various re-disorganisations' as a non-executive, becoming Chair of York Hospital between 1997 and 2010 and Chair of the Vale of York Clinical Commissioning Group.

Professor Maynard's tandem careers have enabled him to work effectively, and with understanding, in both academia and the NHS. He says, "It's very easy to sit up in your ivory tower and pontificate about what should be done in the NHS, but I also think there is an obligation to actually go out there and see the power of the doctors and the immovability of lots of things within the system."

"There needs to be greater linkage between the ivory tower of evidence and the messy old NHS trying to stop people dying"

Professor Alan Maynard

It is this desire to make things work more effectively and efficiently that has been a recurring motif throughout Professor Maynard's career. He spent time as a specialist advisor to the House of Commons Health Select Committee where he was frustrated at the disconnection between the academics producing the evidence, and the NHS managers who were the consumers of it. He says, "There needs to be greater linkage between the ivory tower of evidence and the messy old NHS trying to stop people dying."

Professor Maynard's desire to communicate effectively, as well as his ability to wear an NHS as well as an academic hat, has allowed him to play, at times, a crucial role in shaping NHS policy.

"I have been part of a movement which has tried to get policymakers, the pharmaceutical industry and clinicians to focus not just on effectiveness but on cost effectiveness. I just hope that I have managed to make some contribution to getting greater awareness of basic economic concepts and basic ways in which you can improve the lot of patients," he says.

He describes himself as old-fashioned – a relic of history – but his work is still utterly relevant today. The lessons he taught his students, colleagues in the NHS and policymakers are ones which are enhanced, rather than diminished by the sum of his years. He works on issues that were pertinent when he first started asking them half a century ago, but remain at the forefront of health economics and the NHS today.

Professor Maynard may be retiring, but this is more a change in gear than a fading into silent obscurity.

University cavers reach new depths

CAVERS FROM THE UNIVERSITY OF YORK ARE GOING UNDERGROUND TO EXPLORE CATHEDRAL-SIZE CAVERNS IN A REMOTE MOUNTAIN AREA IN THE NORTH OF MONTENEGRO





“These caves are totally unexplored – they have seen fewer visitors than the surface of the moon”

York PhD student Mark Sims

Students, graduates and staff from the University’s Cave and Pothole Club began to investigate a huge, snow-filled hole called JVC during a trip to the massif’s remote untouched Northern area two years ago.

Their initial explorations at JVC involved negotiating a steep, slippery ice tunnel before following a passage that twisted through huge walls of ice eventually breaking into a large chamber containing beautiful, ancient ice formations. Beyond this stunning grotto, the team continued the descent into ever colder passages only to run out of rope forcing them to abandon the descent. A return trip in summer 2013 was thwarted by huge amounts of snow sealing the cave entrance, but they plan to continue their investigations in 2014.

York PhD student Mark Sims says, “Hopefully it will be open again in 2014, and we’ll discover where it goes. The one thing we do know is that we’ll be the first there. These caves are totally unexplored – they have seen fewer visitors than the surface of the moon.”

The group did manage to explore the impressive Bunda Jama cave, negotiating a 40m shaft into a huge boulder-floored chamber, big enough for several double-decker buses stacked on top of each other. Small passages required days of digging before the team gained access to the deepest part of the cave. The biggest shaft they found was, at 68m, one third as high again as the central tower of York Minster. But the team again ran out of rope having attained a depth of 300 metres.

The club have undertaken regular trips to the area since 2004.

York graduate Toby Buxton insists the cavers will be back in force next year to continue their explorations. He says, “There is plenty to come back for in 2014 – watch this space!”

Find out more about York’s exploration in the Durmitor Massif: durmitor.yucpc.org.uk

Fancy joining York University Cave and Pothole Club? Visit www.yucpc.org.uk



Snakes alive – watch out chum!

Chimpanzee alarm calls are intentional warnings of danger directed at their approaching friends and not just a response to fear, according to researchers from the Department of Psychology. They say this proves the link between chimp alarm calls and the evolution of human language.

With the help of a stuffed snakeskin on a fishing line which was wiggled when the chimps came near, Dr Katie Slocombe and Dr Anne Schel found the chimps were more likely to produce alarm calls when close friends arrived in the vicinity. They continued to call until all group members were safe from the predator.

The researchers say this behaviour shows the calls are intentional to warn others of danger rather than just an expression of fear. Some scientists suggest that human language evolved from a primitive gestural system, rather than vocal communications. This study challenges this view and shows that chimpanzees produce certain alarm calls intentionally in a tactical and goal-directed way.

The research, carried out in the Budongo Forest Reserve in Uganda, was funded by the Biotechnology and Biological Sciences Research Council (BBSRC) and published in *PLOS ONE*.

Dr Slocombe said: "The study shows a key similarity in the mechanisms involved in the production of chimpanzee vocalisations and human language."

The study involved researchers from Budongo Conservation Field Station, the University of Zurich, Harvard University, the University of Neuchâtel, and the University of St Andrews.

The paper 'Chimpanzee alarm call production meets key criteria for intentionality' is published in PLOS ONE



"Look behind you!" Scientists from the Department of Psychology used a stuffed snake to provoke the chimps

IN MEMORIAM...

Remembering Seamus Heaney: 'An extraordinary prince of language'

Professor Hugh Haughton celebrates the involvement of the great Irish poet and Nobel laureate with the University over nearly four decades, and recalls his generosity, humour and modest simplicity



Seamus Heaney's reading in Central Hall last summer on 26 June was one of the high points of the University's Festival of Ideas. As the poet of *North* (1975), Seamus was here in response to an invitation to contribute to the Department of English's 'Writers at York' and a colloquium on 'North and South: The Latitude of Letters'.

Since Seamus's unexpected death at the end of August, the occasion has acquired an elegiac timbre, lending a poignancy to our sense of easy un-shadowed privilege when hearing the Nobel laureate reading in York that June evening. Heaney read familiar poems like 'North', the wonderful 'Glanmore Sonnets', and his paradigmatic poem 'Exposure', where he described himself after his move to Dublin from Northern Ireland as 'a wood-kerne / escaped from the massacre'. He also read Cathal Buí Mac Giolla Ghunna's 'An Bonnán Buí' in Irish, followed by his own translation, 'The Yellow Bittern', and a buoyant new poem about a peacock feather written for a family christening in England. Though still frail after his stroke of a few years back, the poet seemed full of autumnal warmth and inventiveness. When someone in the audience said she had been told his verse was all about 'death and potatoes' but wanted to know what he would like to be remembered

for, he replied mischievously: 'sheer genius.' He now is.

My first glimpse of Seamus in York came soon after my appointment to a lectureship here in 1975. I had been given the chance to invite important contemporary poets to read, and was thrilled when Seamus agreed, especially in the immediate wake of his ground-shifting 1975 collection *North*. In 'Personal Helicon' Seamus had written, 'As a child, they could not keep me from wells', and it seemed a good omen when my first glimpse of him was rising to greet me in Irish from beside an old brick well in Sand Hutton. Seamus was staying with my late colleague Geoffrey Summerfield, and during the reading called the well a Yorkshire *fons Bandusiae* in tribute to one of Horace's odes.

The combination of colloquial ease, personal presence, classical allusion and seriousness about poetry was one Seamus brought to everything he did and everywhere he read. He was one of the most faithful long-term Writers at York, giving a reading in 1996 after being awarded the Nobel Prize for Literature (one of only two he gave in the UK that year), and another in 2000 to raise money for Friends of the University of York Library. That was the time when he was asked by the sound technician to say something into the mike to fine-tune the

sound-system, and Seamus recited three Shakespeare sonnets by heart, illustrating how fine-tuned his own sound system was.

I was lucky enough to introduce him for an Honorary Degree from York in 1986, when he gave a memorable reading of 'Alphabets' before its appearance in *The Haw Lantern* the following year. Originally written for Harvard, the poem offers an autobiographical account of his initiation into language and into the latitude of letters in the most literal sense. I had to persuade the University authorities to allow him to read, since another Honorary Graduand was to give the response, but, as usual, Heaney's poem commanded the occasion, drawing everyone into its hymn to linguistic initiation rites. Introducing him



Seamus Heaney was awarded an Honorary Degree by the University in 1986, presented by Hugh Haughton (left)

then, I thanked him for once rhyming my name with that of England's then most famous poet ("Under a common flag' said Larkin/ 'Different history', said Haughton"), and I also called his career 'a model of constancy and constant self-renovation and self-questioning'. The same is true more than a quarter of a century later, but now there will be no more poems. Back in 1986, though Heslington is not exactly Oslo, Seamus gave one of his many eloquent speeches at the dinner for Honorary Graduands, and on Degree Day looked his usual self, though dressed in his York academic gown and floppy cap. During the official photographs he told me he knew the robes were meant to make him look like a Scholar Prince in a portrait by Holbein, but that with his Derry farmer's face he looked more like Andy Capp.

After his death, there were heart-felt tributes, obituaries, elegies and essays for Seamus from all over the world, celebrating him as a poet and person of extraordinary generosity. We were lucky in York to experience that generosity and to be one of the last places he gave a public reading. There are numerous portraits of Seamus Heaney, but I like to think of him in the after-world sitting for Hans Holbein, or some other painter who would do justice to an Irish poet who was an extraordinary prince of language, yet also beautifully grounded in the world of work and political conflict, devoted to celebrating ordinary people, things and places. One of my final memories is of Seamus, his wife Marie and I sharing an ice-cream outside the Minster in the warm June sunlight, as he was warming up for one more reading, sadly unaware it would also be one of his last. Leaving us, he has also left what he called 'The Human Chain' of our common language immeasurably enriched.

Professor Hugh Haughton
Department of English and Related Studies

Dr Ray Dolby

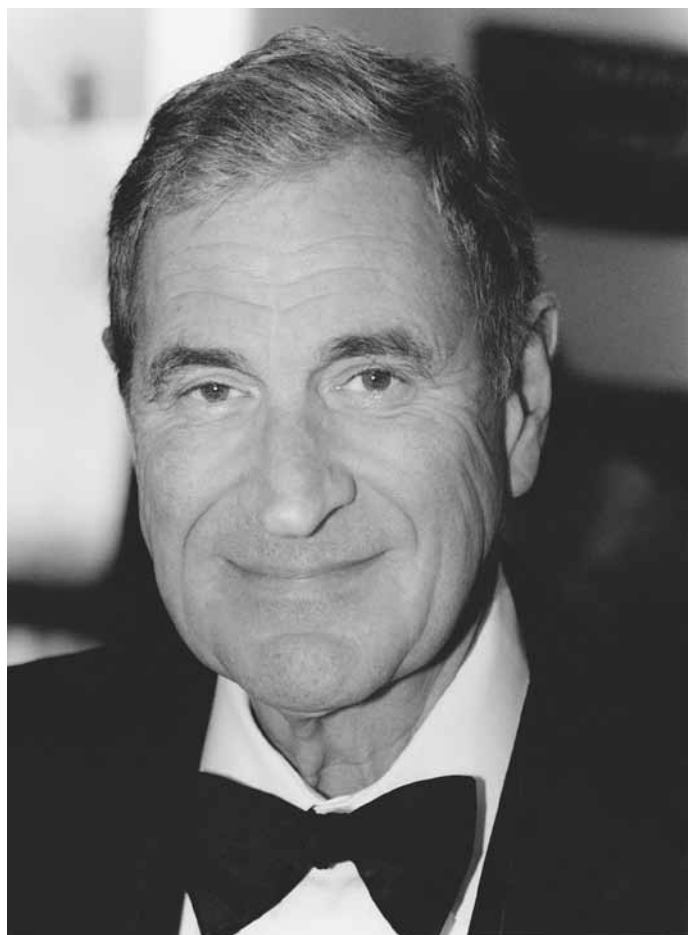
Ray Dolby, known internationally for his work on sound reproduction from the audio cassette to the present day, has passed away at the age of 80. His contribution to the listening pleasure of millions around the world, mainly in cinemas, cannot be underestimated.

The name 'Dolby' has become synonymous with high quality in audio recording and reproduction for studio and film. He founded the Dolby Laboratories in 1965 and many innovative products emerged over the years as they kept up with new developments in audio systems and the underlying technologies employed over many decades. Dr Dolby studied at Stanford University and took a doctorate in Physics at the University of Cambridge. He received an OBE in 1986 and an Oscar in 1989.

In 2000, he was made a Doctor of the University of York, *honoris causa*, with his nomination coming from the Department of Electronics. A significant part of the work in the Department was then, and still is now, music technology; something dear to Ray's own heart. For the occasion, he contacted the Department to ask where the nearest large airport was, because he was going to fly himself across the Atlantic from San Francisco for the ceremony. Arrangements were made with Leeds/Bradford airport for him to land and leave his plane there. Part of the day involved a visit to the music technology studios, where Dolby equipment was very much in evidence, but he was later seen spending considerable time discussing the design of aircraft wings with project students working on ultra-light model aircraft; he had to be cajoled into leaving for his lunch appointment with the Vice-Chancellor before the degree ceremony.

He once said, "To be an inventor, you have to be willing to live with a sense of uncertainty, to work in this darkness and grope towards an answer, to put up with anxiety about whether there is an answer."

Professor David Howard
Head of the Department of Electronics



AT THE CHALK FACE

Biology

Professor Ian Graham gave talks at the European Conference on Natural Products, Frankfurt, and the High Value Chemicals from Biomass conference at the Royal Society of Chemistry, London. He also spoke on 'Molecular breeding of medicinal crops and discoveries along the way' at the University of Cambridge, and was a session chair and speaker on 'Applications for Synthetic Biology in Industrial Biotechnology' at a Euroscicon meeting, London.

Dr Thorunn Helgason spoke on 'Bees: from honey to hive' at the Cheltenham Literature Festival.

Dr Daniel Ungar gave an invited talk on 'In vitro analysis of glycosylation enzyme recycling', about the work of former PhD student Nathanael Cottam, at the Golgi Apparatus Symposium in Bad Ischl, Austria.

Dr Will Brackenbury gave talks on 'Sodium channels, brain development and breast cancer' at the University of Leeds and at the Federation of American Societies for Experimental Biology conference on Ion Channel Regulation in Nassau, Bahamas. He presented posters at the International Union of Physiological Sciences meeting, Birmingham, and at the British Association for Cancer Research Tumour Microenvironment meeting, Bristol.

Dr Peter O'Toole was the keynote speaker at the 'Opportunities and challenges in live cell imaging' meeting, Cambridge.

Professor Jenny Southgate spoke on 'Developmental aspects of the urinary tract' at the German Society of Urology's Symposium on Urological Research, Giessen.

Dr Allison Green spoke on 'Immunological warfare: the last frontier in type 1 diabetes' at the Yorkshire and Humber Paediatric Diabetes Network study day, and chaired the scientific session on Immunoregulation. She presented her team's research at the Congress of Immunology of Diabetes Society, Melbourne, Australia.

Chemistry

Professor James Clark gave lectures at universities and institutes in Guangzhou, China and Hong Kong, including a research seminar at Sun Yat-sen University as a guest of the local Green Chemistry Group.

Professor Ian Fairlamb co-organised a 'Dial-a-Molecule' and Catalysis Hub supported-symposium at the Diamond Light Source, Oxfordshire.

Dr Angelika Sebald and Professor Susan Stepney (Computer Science) with Dr Viv Kendon (Leeds) organised the Theo Murphy International Scientific Meeting on 'Heterotic computing: exploiting hybrid computational devices' at the Royal Society conference, Buckinghamshire.

Professor Michael North lectured and chaired a session at the 'CO₂ as feedstock for chemistry and polymers' conference, Essen. He also organised a CO₂Chem meeting in York, on the application of cold plasma to CO₂ chemistry.

Professor Richard Taylor spoke on 'Tandem/ telescoped approaches to heterocyclic scaffolds' at the Lilly pharmaceutical company, Ascot, and gave a plenary lecture on 'Heterocyclic

natural product synthesis' at the New Aspects of Heterocycles Society of Chemical Industry meeting, London. He also gave an RSC Award lecture on 'Adventures in natural product chemistry' at the University of Newcastle and presented an invited research colloquium at the University of Cork.

At the Supramolecular Chemistry in Water conference, Malta, Dave Smith gave a plenary lecture and PhD student Tunde Okesola gave a flash talk and a poster. Professor Smith gave an interview for *Chemistry World* about his research on supramolecular chemistry and his educational outreach activities.

Dr John Slattery and Professor Duncan Bruce were part of a winning £900k bid to the NSF/ EPSRC scheme for the three-year project 'Ionic-liquid surface structure: informing applications through dynamical measurements', which will fund a large collaborative network with Heriot-Watt University, Montana State University and Northwestern University.

Dr Jacqui Hamilton was awarded £186,392 from NERC as part of the 'Com-part: combustion particles in the atmosphere: properties, transformations, fates and impacts' project.

The Atmospheric Chemistry Group has been awarded NERC and the EU FP7 grants totalling £550k to investigate tropical atmosphere with the Biodiversity and Land-use Impacts on Tropical Eco-system Function (BALI) project, and the Dynamics-aerosol-chemistry-cloud interactions in West Africa (DACCIIWA) project.

Professor Mat Evans and Professor Ally Lewis have been awarded £220,000 for new Atmospheric Chemistry Group computing infrastructure including tools for visualisation, analytical software, new computing, and large capacity data storage facilities.

Dr Kevin Cowtan co-authored research showing that the Arctic is warming at about eight times the pace of the rest of the planet in the *Quarterly Journal of the Royal Meteorological Society*.

Clare Warren is the Advisory Teacher for the flagship Children Challenging Industry project, now running in nine primary schools around Royston, Hertfordshire.

Sir John Holman gave the opening keynote on 'Technical skills in chemistry' at the General Assembly of the Royal Society of Chemistry, Brighton, at which he presented the first RSC Technician Awards.

Computer Science

Funding from the EPSRC First Grant scheme was awarded to Dr Rob Alexander, from the High Integrity Systems Engineering research group, for 'Testing autonomous vehicle software using situation generation', and Dr Stefano Pirandola, from the Non-Standard Computation research group, for 'Quantum Discrimination for Data Retrieval (qDATA)'.

Economics and Related Studies

Professor Andrew Jones organised and Jane Rawlings administered the European Workshop on Econometrics and Health Economics, Erasmus University, Rotterdam, where Professor Nigel

STAFF NEWS



Professor Andy Young (Psychology) and **Professor Sir John Holman** (Chemistry)

were named on the Science Council's list of 100 leading practising scientists. The list gives a broad picture of the many different ways people work with science, making valuable contributions across UK society and the economy.



Professor Kate Pickett and **Honorary Visiting Professor Richard Wilkinson** (Health Sciences) were

awarded the SOLIDAR Silver Rose Award in recognition of their development of a new approach to social justice, most notably with their book *The Spirit Level: Why More Equal Societies Almost Always Do Better*. Professor Pickett spoke in successful opposition to the motion: 'This House believes that the welfare state is unsustainable' at a Cambridge Union debate, Cambridge University.



Professor Howard Wilson (Physics), with colleagues Dr John Ferron, Dr Thomas Osborne and Dr Philip Synder, from General Atomics, San Diego has received the 2013 John

Dawson Award for Excellence in Plasma Physics Research from the American Physical Society.



Dr Liam Clegg (Politics) has won the Social Sciences category at the 2013 Scopus Young Researcher Awards for his research into the changing roles of the World Bank and

International Monetary Fund in the contemporary global economy.



Dr Charlotte O'Brien (Law) has been awarded a Future Research Leader grant by the Economic and Social Research Council to work with the

Citizen's Advice Bureau at Ripon in order to study the obstacles faced by welfare claimants either moving to, or returning to, the UK from the EU.

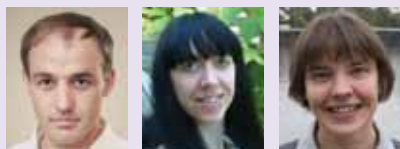


Dr Frank Zeyda (Computer Science) was awarded the Rapita Systems prize for the best paper published in 2012 by an early career stage researcher. His winning paper is entitled

'Mechanical reasoning about families of UTP theories'.

STAFF NEWS

The Department of Mathematics has seen the arrival of several new members of staff.



Dr Alan Haynes has come from Bristol, with postdoctoral researchers **Dr Sara Munday** (PhD, St Andrews) working on Circle rotations and their generalisations in Diophantine approximation and **Dr Henna Koivusalo** (PhD, Oulu, Finland) working on Diophantine approximation, chromatic number and equivalence classes of separated nets.



Professors Sanju Velani and Victor Beresnevich are joined by **Dr Felipe Ramirez** (PhD, Michigan),

who has a background in dynamics and Diophantine approximation, and **Dr Paloma Bengoechea** (PhD, Université Pierre et Marie Curie – Paris 6) whose current research focuses on number theory, modular forms and quadratic fields.



Dr Boda Kang, a lecturer in Mathematical Finance, has come from the University of Technology, Sydney. His research interests include mathematical finance, computational finance, energy derivatives, exotic derivatives and measures of risk.



Dr Marina Knight is a lecturer in Statistics and her research interests include multiscale methods, non-stationary time series, nonparametric regression, irregular and spatial structures, and applications in the fields of energy and bioinformatics.



Dr Nicos Angelopoulos has come from the Netherlands Cancer Institute in Amsterdam (Bioinformatics and Statistics, Division of Molecular Carcinogenesis). He will be based at the York Centre for Complex Systems Analysis, working with Dr Jon Pitchford (Mathematics/Biology) and Dr James Cussens (Computer Science).



Dr Kasia Rejzner is a lecturer from the University of Rome Tor Vergata, Italy. Her research focuses on mathematical structures appearing in quantum field theory.

Rice discussed a paper and Dr Stephanie von Hinke Kessler Scholder presented a paper. She also presented 'Getting a healthy start? Using targeted benefits to promote healthy eating' (with Rachel Griffith and Sarah Smith) at the Universities of Newcastle and Duisberg-Essen, and was awarded the Rank Prize Funds New Investigator Award for her project 'Evaluating ways to improve dietary choices'.

Professor Jo Swaffield presented 'Low wages, minimum wages or a living wage: is there a case for paying above the market rate?' at the International Working Party on Labour Market Segmentation on 'Austerity without end? European employment in the crisis', Dublin.

At the Money Macro and Finance Conference, Queen Mary University of London, Dr Laura Coroneo presented 'Testing for optimal monetary policy via moment inequalities' and Professor Gulcin Ozkan presented 'Who is afraid of austerity? The redistributive impact of fiscal policy in a DSGE framework'. Professor Ozkan also presented 'Effectiveness of macro-prudential policy: understanding macroprudential instruments and their impact' at the Central Banking Studies training conference, Cambridge.

PhD student Ricky Kanabar gave a BBC radio interview on retirement trends.

Professor Ralf Wilke presented 'Competing risks quantile regression at work' in a quantile regression session at the German Statistical Week, Berlin.

PhD student Dominic Spengler presented 'Does reporting decrease corruption' at the European Association of Law and Economics conference, Warsaw.

Dr Paul Schweinzer co-presented 'Agreeing on efficient emissions reduction' at the CESifo Group area conference on Energy and Climate Change Economics, University of Munich.

Dr Judith Spicksley presented 'Women, "usury" and credit in early modern England: the case of the maiden investor' at the Swedish Economic History conference, Lund.

Emeritus Professor Keith Hartley presented 'The economic impact of defence industries: knowns and unknowns' at a Fondation pour la Recherche Stratégique conference, Paris.

Professor Tony Culyer gave a Grand Rounds on 'Giving advice of the social values that ought to underlie health and social care policy' at the Canadian Agency for Drugs and Technologies in Health. He was also quizzed on *The Humble Economist* in a seminar at the Joint Centre for Bioethics, University of Toronto.

Dr Paul Schweinzer co-presented 'Agreeing on efficient emissions reduction' in an Environment Department and Stockholm Environment Institute joint seminar.

Dr Yuan Ju gave an YCCSA Scone Seminar on 'Rational Bargaining in Games with Coalitional Externalities'.

Professor Karen Mumford presented 'Job satisfaction and relative wages' at the University of Leeds.

Professor Luigi Siciliani presented (by videoconference) at the workshop 'Alternatives to Improve the Timeliness of Care in Colombia', Bogota.

'Teachers' visual attention and student motivation during lectures' at the European Conference on Eye Movements, Lund, Sweden.

At the European Second Language Association conference, Amsterdam, Dr Benedetta Bassetti co-conveyed a colloquium on 'Second language phonology at the interface between acoustic and orthographic input', co-presented 'Effects of orthographic forms on pronunciation in experienced instructed second language learners'; 'Second language phonology at the interface between acoustic and orthographic input', and, with Dr Danielle Trenkic and Annie Clarke (Psychology) 'Calendar processing in Chinese learners of English as a second language'. Dr Trenkic co-presented 'Speech segmentation in a second language: the role of bi-modal input presentation' and 'Visual world paradigm in second language research' as part of the 'On-line methods for investigating L2 processing' at the invited colloquium Eliciting Data in Second Language Research: Challenge and Innovation, York.

Dr Emma Marsden and Alison Mackey presented on the IRIS repository at the Task Based Learning and Teaching conference, Alberta, Canada. Dr Marsden was selected to be a member of the Committee for Linguistics in Education.

Mary Whitehouse presented 'Research-informed curriculum development' at the 'Working out what works' ResearchEd conference, Dulwich College.

Dr Gillian Hampden-Thompson presented 'Dropouts in refugee schools in the Near East' at the British Educational Research Association conference, University of Sussex. She presented 'A comparative study of parental involvement and student literacy' and co-presented, with Professor Ian Davies and Dr Vanita Sundaram and others 'Creating Citizenship Communities' at the European Conference on Educational Research, Bahçeşehir University, Istanbul. Dr Hampden-Thompson and Dr Sundaram published 'Developing quantitative research skills and conceptualising an integrated approach to teaching research methods to Education students' in *The All Ireland Journal of Teaching and Learning in Higher Education*, 5(3).

Professor Ian Davies presented 'European citizenship education or citizenship education in Europe?' at the European Perspectives on Social Science Education Workshop, University of Cologne.

Kevin McManus co-presented 'A longitudinal learner corpus investigation of vocabulary learning before, during, and after residence abroad' at the Learner Corpus Research conference, Bergen.

Dr Poppy Nash and Annette Schlösser presented 'Working with schools in enhancing effective management of disruptive behaviour' at the British Psychology Society's Faculty for Children and Young People conference, Bristol. Dr Nash participated in a round table discussion at the House of Lords to consider a Common Foundation Training in Child Development/ Attachment/Emotional factors in Teaching and Learning.

At the European Science Education Research Association conference, University of Cyprus, Professor Robin Millar organised a symposium on 'Improving the teaching and learning of

Education

Professor Robert Klassen co-presented

energy' which included a paper on 'Towards a teaching sequence for energy: from everyday to scientific discourse'. He also presented 'Assessing beginning science teachers' subject knowledge: how reliable is self-audit?' and acted as discussant for a symposium on 'Modelling, enhancing and assessing experimental competence'. He was interviewed for the BBC Radio 4 programme *Inside Science* about the role and effectiveness of practical work in schools science. As a member of the Scientific and Academic Advisory Committee (SAAC), he was invited to review the work of the Department of Science Teaching at the Weizmann Institute of Science in Israel. He presented 'Why assessment matters: saying what we want and knowing if we've got it' at a day conference preceding the SAAC meeting and participated in the 'UK-Weizmann Making Connections' symposium, exploring possibilities for collaboration on research and development projects between science educators in several UK universities and at the Weizmann Institute.

Dr Lynda Dunlop presented 'Engaging girls with science through a community of enquiry' at the International Organisation for Science and Technology Education Eurasian Regional Symposium and Brokerage Event Horizon 2020, Turkey.

Dr Sarah Olive won funding from the Great Britain Saskatchewan Foundation for her 'Teaching Shakespeare in Japan' project. She published 'Shakespeare on television, this millennium' in *Alluvium* 3.1.

Professor Leah Roberts co-published 'Processing tense/aspect-agreement violations in the second language: a self-paced reading study with French and German L2 learners of English' in *Second Language Research* 29(4).

Effective Education, Institute for

Professor Frank Hardman gave the opening address at the UNICEF Education Network meeting for the Eastern and Southern African region held in Nairobi.

Dr Pam Hanley presented 'Using randomised controlled trials to evaluate science CPD' to the European Science Education Research Association conference, University of Cyprus. She also spoke on 'Dealing responsibly and effectively with students' religious beliefs in science lessons' at the European Association for Research on Learning and Instruction conference, Munich.

Dr Jonathan Sharples presented 'How do you choose a washing machine: using evidence to inform practice' at ResearchEd, London.

Professor Robert Slavin was quoted in a *New York Times* article about the drive towards evidence-based education.

Dr Tracey Bywater co-authored an article in the *Journal of Children's Services*, 8(3).

The IEE held its first Research Methods Summer School for postgraduates, think-tanks and local authorities.

E-Learning Development Team

The team organised a seminar on strategies for managing asynchronous learning, and also co-organised the Higher York E-learning Network conference, York St John University. Professor Matthew Collins (Archaeology) delivered the keynote presentation and Blayn Parkinson

co-presented a paper with Matt Cornock (Social Policy and Social Work) on 'Encouraging use of digital resources: responding to student feedback about problems of reading on screen'.

Dr Richard Walker and Wayne Britcliffe presented 'Building a community-informed framework for assuring quality in distance learning programmes' at the Association for Learning Technology's conference, University of Nottingham. Dr Walker also gave a keynote presentation at the UK Heads of e-Learning Forum, City University London.

Electronics

Mr Tony Ward was awarded Best Presenter for his paper at the International Engineering and Technology Education Conference, held in Ho Chi Minh City, Vietnam.

PhD student Nils Morozs, with co-authors Dr Tim Clarke and Dr David Grace, was awarded the Best Paper Award for his presentation 'A novel adaptive call admission control scheme for distributed reinforcement learning based dynamic spectrum access in cellular networks' at the IEEE International Symposium of Wireless Communications Systems in Ilmenau, Germany. Dr Grace has joined the IEEE Communications Society Technical Advisory Council.

English and Related Literature

Professor Bill Sherman gave the George Parker Winship Lecture at Harvard, the St Robert Southwell SJ Lecture at Fordham, and seminars at Columbia, Yale, New York University and the New York Public Library.

Professor Nick Havelly spoke on 'Crossroads in Tuscany: the Via Francigena and the Grande Escursione Appenninica' at the Centre for Contemporary Arts, Glasgow, and gave the opening keynote address at the conference on Dante and Milton at the School of Advanced Studies, University of London. He also presented 'Dante around Chaucer: clerical connections' at the Medieval Seminar, University of Oxford.

Environment

Dr Andy Marshall was awarded £15,000 jointly from the United Bank of Carbon and Flamingo Land for the development of rainforest education in Tanzania and North Yorkshire.

Health Economics, Centre for

Professor Michael Drummond gave a plenary presentation on 'Health technology assessment in the adoption, diffusion and disinvestment of technologies in the UK' at the National Congress of the Society of Italian Hospital Pharmacists, Turin.

At the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) conference, Dublin, Professor Mike Drummond presented 'Decision making under uncertainty: coverage with evidence development in the context of medical devices', and was an Issues Panellist for 'Pharmacy benefit management in the US'. Professor Andrea Manca was an Issues Panellist for 'Integrating reimbursement needs into the design of drug development programmes'. At the Latin American ISPOR conference in Buenos Aires, Argentina, Mark Sculpher and Pedro Saramago taught a course on 'Advanced decision analytic modelling for economic evaluation'.

STAFF NEWS



Anne Phillips and Carole Gelder (Health Sciences) are part of a collaboration with the Children

and Young People's Diabetes Service in Leeds that has been awarded a 2013 QIC Best Improvement Programme for Children and Young People Award.



Sally Bell-Syer (Health Sciences) has won the Chris Silagy Prize for 2013 at the Cochrane Colloquium in Quebec City, Canada. The prize is awarded to an individual who has made an 'extraordinary' contribution to the Cochrane's work. Sally is the Managing Editor of the Cochrane Wounds Group, based at York.



Andrew Webster (Sociology) presented his work on regenerative medicine to the All Party Parliamentary Group for Social Science and Policy in the House of Commons. He is part of a University-wide newly established research network on regenerative medicine led by Dr Paul Genever and Professor Jenny Southgate (Biology).



Professor Judith Bennett (Education) has been awarded the Salters' Chair in Science Education, a post jointly funded by The Salters' Institute and the University which makes a key contribution to the development of curriculum innovation and research.

Join the crowd – new funding opportunities

A new crowdfunding platform launched by the Development and Alumni Relations Office is helping students to raise funds for projects.

YuStart allows members of the University to fundraise for creative and innovative projects which will benefit students, the University, or the wider community. They can promote their projects to friends and family, and the York Alumni Association will also market the projects to alumni and donors. For more information visit www.YorkSpace.net/yustart.

Departments, colleges, and student clubs and societies can also apply to YuFund, formerly the York Annual Fund. The deadline for the next round of applications is Friday 7 March. Visit www.YorkSpace.net/yufund.

Operations Managers step into action



Three members of staff have taken up new roles as Operations Managers: Stuart Jolley for the Social Sciences, Rebekah Desport for Sciences, and Philip Ratcliff for Arts and Humanities.

The roles are designed to enhance the quality and efficiency of the support that the University provides to frontline academic activities. The Operations Managers will improve communication between central and departmental support services, coordinating inter-departmental activities, and providing additional executive support for Academic Coordinators.

David Duncan, Registrar and Secretary, said, "We believe that through a more joined-up approach we can enhance the service provided by the 1,200 staff in central support services and the 820 support staff in academic departments."

Barbara Scott retires

Dr Jane Grenville, Deputy-Vice-Chancellor and Pro-Vice-Chancellor for Students, has praised friend and supporter of the University, Barbara Scott following her retirement from the Student Experience Committee.

Dr Grenville said, "Barbara Scott belongs to that category known by students as 'legend'. She is a tower of strength, a wonderful guide and mentor and a shrewd commentator on university matters, particularly on student life. We shall miss her in the Student Experience Committee but delight to see her at Court in the future."

Barbara has also served as a lay member of Council and on numerous other committees, including the chair of the Business Services Consultative Committee.



The University of York salutes you: Barbara Scott is presented a cake by Dr Jane Grenville at her last Student Experience Committee meeting in June 2013

Professor Andrea Manca gave an invited talk on 'Health economic evaluation of patient centred healthcare: where to?' at the Economics of Personalised Medicine symposium, Luxembourg. Professor Manca and Gerry Richardson participated in 'Value for money and cost-effectiveness in person-centred care', a round table event organised by the Health Foundation.

Dr Susan Griffin presented 'A framework for incorporating concerns for health inequality into cost-effectiveness analysis' at the University of Oslo.

Rita Faria completed a research visit to the Instituto de Evaluación Tecnología en Salud (IETS), Colombia to collaborate in the development of a set of guidelines for health technology assessment. She presented seminars at IETS, the University of Antioquia, Medellin and at the University of Cartagena, Cartagena, and a workshop on 'Practical issues in health technology assessment'.

Professor Andrew Street and Nils Gutacker presented papers at a two-day symposium and also ran a three-day workshop on multilevel modelling for performance assessment at the Technical University of Berlin. Professor Street and Professor Hugh Gravelle presented at a conference organised by the Nuffield Trust on competition and market mechanisms in health care. Professor Street gave presentations about patient reported outcome measures at the University of Southern Denmark, the Healthcare Conferences Patient Reported Outcome Measures (PROMs) summit and the King's Fund PROMs conference. He also gave presentations to clinical commissioning groups about developing integrated health and social care budgets and a talk about funding complex care at Monitor. Professor Street also gave the plenary address at the Hospital Association of South Africa conference and was interviewed on CNBC Africa about the need for transparency and cost comparison in regulation of the South African hospital sector.

Pedro Saramago received the prize for best podium presentation for 'Network meta-analysis of (individual patient) time to event data alongside (aggregate) count data' (research undertaken with Marta Soares and Ling-Hsiang Chuang of Health Sciences) at the Portuguese National Health Economics conferences, Braga.

Health Sciences

At the American Society for Hematology conference, Dr Alex Smith presented posters on 'Bone marrow staging for lymphoma: a re-evaluation of clinical utility', 'Social inequality is an important risk factor for death from chronic myeloid leukaemia: findings from a UK population-based cohort' and 'Skeletal-related events in myeloma: a population-based study', with contribution from Dr Debra Howell, Dr Han-I Wang and Professor Eve Roman. Professor Roman, Dr Smith and Dr Simon Crouch, and contributed to talks on 'The prognosis of transformed follicular lymphoma is determined by prior exposure to chemotherapy' and 'Development of a cross platform, 2-way gene expression classifier to distinguish Burkitt lymphoma'.

Dr Han-I Wang, Eline Aas, Professor Eve Roman, Dr Debra Howell, Daniel Painter and

Dr Alex Smith gave a poster presentation on 'Differences in medical costs and survival between trial and non-trial patients with acute myeloid leukaemia (AML): a UK population based propensity analysis' at the International Society for Pharmacoeconomics and Outcomes Research conference, Dublin.

Dr Rob Newton gave the keynote address 'Infections and cancer in Africa' at the African Organisation for Research and Training in Cancer 'Cancer in Africa: Bridging Science and Humanity' conference, Durban, South Africa and a talk on Burkitt lymphoma in Africa. Dr Newton also gave keynote addresses in Kenya on 'Improving survival among children with retinoblastoma in Uganda' at the joint meeting of the East African College of Ophthalmology and the Daisy Eye Charitable Fund, Eldoret, and 'Non-communicable disease in Africa' at the East African Diabetes Association, Nairobi. Dr Newton chaired a session on 'Measuring the burden of non-communicable disease in Africa' and taught a session in Infections and Cancer at the UK Diploma of Tropical Medicine.

Richard Morley presented 'How is new technology helping to achieve the James Lind Alliance's mission?' to the BMA Clinical Academic Trainees' conference, London.

Dr Antonina Mikocka-Walus presented 'Cognitive-behavioural therapy in inflammatory bowel disease: what's the evidence?', and a co-authored paper 'What are the implications of changing treatment delivery models for inflammatory bowel disease (IBD) sufferers?' at the World Congress on Psychosomatic Medicine, Lisbon.

Jan Böehne presented 'Reasons to look at the whole picture: prospects and challenges of multidimensional assessment in IAPT' at the PC-MIS Open Day, York.

Dr Paul Toner co-authored two poster abstracts for the Society for the Study of Addiction annual symposium: 'A national study of acute hospital-based Alcohol Health Workers' and 'Reflections on embedding a qualitative element within a pilot RCT comparing two interventions for heavy drinkers identified in a general hospital setting'.

Professor Simon Gilbody spoke at the University College London Mental Health Sciences Unit seminar series.

Professor Kate Pickett spoke on 'The Spirit Level and Spirituality' at the City of York Politics and Spirituality forum; and at a British Academy Initiative on 'Health Inequalities on 'If you could do one thing...' at the Changing Health Landscape and Tackling Health Inequalities, a Partnership Event, York. Professor Pickett spoke on 'Inequality: the enemy between us' to the Progressive Alliance of Socialists and Democrats, EU Parliament, Brussels; Finding the Angel of the North: Towards a Northern Theology, Bishopthorpe; the John Hamilton Lifelong Learning Lecture, University of Liverpool and the Bath Royal Scientific and Literary Institute. She also spoke on 'The social determinants of mental illness' at a Poetry of Madness workshop, Imperial College, London.

Dr Zoe Darwin was awarded the Society for Reproductive and Infant Psychology's Postdoctoral Thesis Award. She presented 'Assessing and Responding to Maternal Stress (ARMS): Antenatal Psychosocial Assessment

in research and practice' at the Society for Reproductive and Infant Psychology conference and gave a presentation on 'Mental health assessment in antenatal care: use of the Whooley questions' to the UK and Ireland Marce Society.

At the BSA Medical Sociology conference, York, Dr Sangeeta Chatoo presented 'On being a "carrier" of a recessive gene disorder: the politics and power of the liminal', and Dr Maria Berghs presented 'Finite fatherhood: temporal trajectories and embodied transitions in testing for sickle cell [NIHR-RfPB Project]'.

Dr Kate Flemming co-authored 'Enhancing transparency in reporting the synthesis of qualitative research: the ENTREQ statement – discussion and debate', presented at the Cochrane Colloquium, Quebec. She gave an invited presentation at the Lost in 'Translation' National Palliative Care conference, Scarborough, on 'Patient education in pain management: lessons to be learnt'.

Stephanie Prady presented a poster at the European Congress of Epidemiology, Aarhus, Denmark.

Professor Karl Atkin and Dr Sangeeta Chatoo presented 'Collaborating and engaging with research: what we have learned from the ESRC project on the social implications of sickle cell and thalassaemia trait' at the Dorothy Dixon-Barrow Health Conference, Sheffield.

Dr Kamran Siddiqi gave talks on 'Operational research on tobacco control in Pakistan', at the World Lung Health Congress, Paris and 'Smoking cessation in TB patients', at the Public Health Priorities in the 21st Century: The Endgame for Tobacco conference, Delhi.

Danni Collingridge Moore spoke on 'Loneliness and admission to care homes: evidence from the English Longitudinal Study of Ageing' at the round table discussion at the 'Loneliness – The State We're In' conference of the British Society of Gerontology.

Dr Natasha Mitchell presented 'Using randomised designs to evaluate writing interventions for children during the transition between primary and secondary school' at the Randomised Controlled Trials in the Social Sciences conference, University of Durham.

Dr Stewart Richmond presented a paper on his research entitled 'Acupuncture, Counselling and Usual Care for Depression (ACUDep Trial): findings for effectiveness and cost-effectiveness' at the Acupuncture and Emotional Networks session of the International Scientific Acupuncture and Meridian Symposium, Stockholm.

History

Professor Guy Halsall spoke on 'La compétition dans les sociétés du Haut Moyen Age: Aspects matériels et idéologiques' at the La Compétition dans les sociétés du Haut Moyen Age conference. He presented 'Transformations of Romanness' at a conference on that topic in Vienna, and also 'Relating changes in material culture to changes in ideas around 600' to the Université de Paris I, Sorbonne.

Professor Lawrence Black spoke in a public lecture series at the Holburne Museum, Bath on 'Stately homes, country sports and cultures of conservatism in modern Britain', based on his *History Workshop Journal* article.

Management

Dr Bernd Brandl presented 'European industrial relations and social dialogue: from factors to actors' at the Human Resources Management (HRM) research seminar at Cardiff Business School, and 'The effects of institutional stability and instability of social dialogue: a long-term analysis of changing bargaining' at the HRM research seminar, University of Graz, Austria.

Professor Bob Doherty and his team have won a White Rose Grant for BURNS (Building Up Resilience in Supply Chains): an academic and practitioner network to better understand what underpins resilience and sustainability in international agricultural supply chains.

Professor Andrew Pendleton visited the University of Melbourne to develop a research project on 'Impact of financial literacy on financial behaviour'.

Simon Sweeney spoke on 'International work placements: good practice case study – Sheffield Hallam University' at workshops in Edinburgh and Manchester, organised by the British Council under the banner of the Bologna Process (European Higher Education Reform).

Dr Mike Tse has secured a Seed-Corn Research Grant from the Chartered Institute of Logistics and Transport to explore the quality risk in the food supply chain.

The Griff Investment Fund was launched in Heslington Hall with an inaugural trade by York alumnus Paul Griffiths of First State Investments.

Mathematics

Dr Michael Bate is hosting Professor Ben Martin (University of Auckland) partly sponsored by the EPSRC and the LMS. Professor Martin spoke on 'Representation growth of finitely generated groups' at York and gave talks at St Andrews, Padova, Manchester, Oxford, Birmingham, Cambridge, Royal Holloway, City University London, Durham and Bielefeld.

Professor Paul Busch gave a plenary talk on 'Quantum RMS deviation and Heisenbergs error-disturbance relation' at the 'Wigner 111 – Colourful and Deep' scientific symposium, Budapest.

Professor Victoria Gould hosted the North British Semigroups and Applications Network meeting at York.

Emeritus Professor Tony Sudbery spoke on 'The exceptions that prove the rule' at the Third Mile High conference on Non-associative Mathematics in Denver, Colorado.

Professor Zdzislaw Brzezniak received the Best Paper Award first prize for 'Stochastic geometric wave equations with values in compact Riemannian homogeneous spaces', a publication with co-author Martin Ondrejat in *Annals of Probability*, Volume 41, Number 3B(2013) from UTIA, the Institute of Information Theory and Automation, Academy of Sciences of the Czech Republic.

Professor Brzezniak spoke on 'Stochastic LLG equation on one-dimensional domains: the existence, uniqueness, regularity, large deviations and numerical methods' at the University of Rome (La Sapienza). He also spoke on 'Option pricing and Brownian Motion' at Zhejiang University of Finance and Economics, Hangzhou, China, and on 'Strong and weak solutions to stochastic Landau-Lifshitz equation' at a workshop on stochastic analysis and

Fit for 50th Anniversary

Over 170 staff boosted their fitness levels by taking part in the FIT@50 initiative, launched as part of our 50th Anniversary celebrations.

The 16-week wellbeing programme encouraged staff to improve their physical health with a range of activities including walking, running, swimming and cycling.

The events formed part of a global wellbeing programme organised by GCC involving over 262,000 employees from 158 countries. The main challenge was followed in December by GCC Sprint, a shorter 16-day event to encourage participants to end 2013 in good shape.



Helen Selvidge, Assistant HR Director (right), receiving the GCC award on behalf of the University

A further mini challenge is being held in February to help staff recognise how their healthy behaviours can help daily energy levels.

Helen Selvidge, Assistant Director of HR, said, "FIT@50 signals the start of a broader approach to health and wellbeing at the University which will be underpinned by a health and wellbeing strategy in 2014."

To find out more visit www.york.ac.uk/admin/hr/fitat50.

Retired staff join our alumni community

Retired staff will now be able to stay in touch with the University through the York Alumni Association. A bi-monthly e-newsletter will keep them updated on campus news, along with a range of benefits and services previously only available to graduates.

If you have any news you would like to share with the retired staff community please email sarah.phillips@york.ac.uk.

Coping with digital demand

Students now own an average of five network-enabled devices each, including phones, laptops, tablets, e-readers, TVs and games consoles.

Inevitably, this has put a significant strain on the University's wireless network. At the start of last term, the peak level of concurrent connections had climbed to 6,795 – a 69 per cent increase on a comparable period the previous year. In mid-November, this figure reached 8,402.

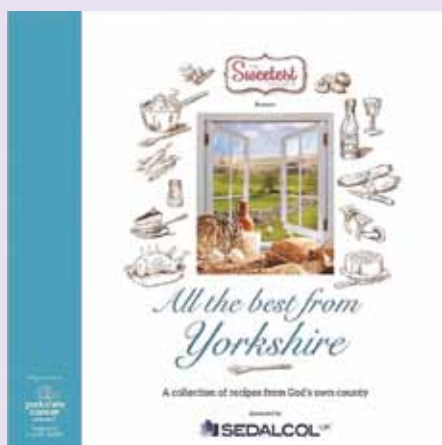
To cope with this ever-growing demand, the University has set in motion a £1m plus programme of wireless expansion over the next two years. IT Services has already deployed 310 additional wireless access points in accommodation and office spaces, bringing the total to over 1,200, and there are plans to more than double that over the next two years.

It has also taken steps to improve the existing wireless service by installing new more powerful controllers to handle additional access points, providing more control over 'noise' traffic and using new management software to provide better monitoring and control.

The demand for user support has also risen, with a 42 per cent increase on the same period in Weeks 1 and 2 in 2012.

The IT Services team welcomes your feedback. Please email comments to itsupport@york.ac.uk.

Recipes for research



Famous names including Rosemary Shrager, Brian Turner and Stephanie Moon have donated recipes to Yorkshire Cancer Research for a new cookbook featuring the people, places and produce of God's own county.

All the best from Yorkshire costs £5.00 and is available to order from michelle.scaife@york.ac.uk. For more information see www.thesweetestthoughts.com.

related topics, supported by the Academy of Mathematics and Systems Science at the Chinese Academy of Sciences, Beijing.

Music

Orchestral pieces by PhD students David Lancaster (*Strata*) and Edd Caine (*R'lyeh*) were selected for rehearsal and performance by the Orchestra of Opera North, conducted by Elgar Howarth.

PhD student Cheong Li and former PhD student Manos Panayiotakis had their compositions performed at the ISCM World New Music Days in Vienna.

Dr Liz Haddon spoke on the influence of learning Javanese gamelan on Western instrumental learning at the Society for Music Education in Ireland conference. With Dr Mark Hutchinson, she spoke on 'Empathy in piano duet rehearsal' at the Society for Education, Music and Psychology Research conference on 'Music and empathy', University of Hull.

Professor William Brooks completed residencies at the Universities of Syracuse and Illinois. At Syracuse he was an invited speaker at the Belfer Sound Archive at 50 conference, gave two seminars and coached the Syracuse New Music Ensemble in a performance of his composition *Small Talk*. At Illinois he spoke on the Composers' Forum series, presenting research and applications of memory and reference in musical composition. He was hosted at the Martirano Award Concert, having served on the panel for that competition and he adjudicated another competition for the Philadelphia choir, *The Crossing*. Professor Brooks wrote three new compositions that have received York premières.

The Hilliard Ensemble premièred a new work by Professor Roger Marsh at the Spitalfields Winter Festival. 'Poor Yorick' is a setting of the Death of Yorick from Laurence Sterne's *Tristram Shandy*. A New CD by the Hilliard Ensemble features 'Il Cor Tristo' by Professor Marsh.

PhD student Ji Sun Yang has been selected for the Sound and Music HE scheme. She will work with the London Sinfonietta and selected soloists over a six month period to develop a new work, leading to a public performance and professional recording.

Physics

Dr David Jenkins has been awarded a Fellowship by the Strasbourg Institute for Advanced Study. He will take up his Fellowship in 2014.

Dr John Pasley has been awarded a ten month visiting professorship at the Tata Institute of Fundamental Research in Mumbai – India's leading location for inertial confinement fusion.

Politics

Professor Allison Drew was awarded a Visiting Fellowship at the Institute for European Global Studies at the University of Basel. She spoke on '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, South Africa. She also gave a keynote lecture entitled "'South Africa is a democratic country but we as mineworkers are excluded from this democracy": Rethinking citizenship in Africa'

at the Citizenship, Narrative and Neo/colonial Histories Symposium, Open University, London.

Dr Martin O'Neill spoke on 'The special significance of equality of opportunity' at the Political Theory section of the Political Science Association of Ireland, Dublin, and on the same topic as a visiting colloquium speaker in the Department of Philosophy at the Central European University, Budapest. Dr O'Neill visited Sydney as a guest of the Chifley Research Centre and participated in the 'Equality, opportunity and growth' panel at the Progressive Australia conference. He also spoke on 'Egalitarianism and pre-distribution' at the University of Sydney.

Psychology

As Visiting Professor in Political Communication at the University of Antwerp, Belgium, Dr Peter Bull gave invited lectures on 'Rhetorical devices in political speeches' and 'The political rhetoric of equivocation'.

Reviews and Dissemination, Centre for

Su Golder gave a presentation on 'The performance of adverse effects search filters in MEDLINE and EMBASE' in a plenary session at Pharma-Bio-Med 2013, Berlin.

At the Cochrane Colloquium, Quebec City, Su Golder chaired workshops on 'Quality in reporting adverse events and the PRISMA Harms Extension', 'Search strategies and data sources for adverse effects reviews' and 'The contribution of different information sources for adverse effects data'. She also presented on 'Methodological overview: meta-analyses of adverse effects data from case-control studies as compared to other observational studies'. Mark Rodgers spoke on 'Reporting of industry-funded trial outcome data: a comparison of journal publications with confidential individual patient data and clinical study reports' and presented a poster on 'Obtaining confidential protocols to increase the completeness and accuracy of risk of bias assessments for RCTs: an example from recombinant human bone-morphogenetic protein-2 (rhBMP-2) for spinal fusion'. Mark Corbett presented on 'Assessing baseline imbalance in randomised trials: implications for the Cochrane risk of bias tool', and Professor Lesley Stewart organised and chaired a special session on 'Increasing access to trial data and the next generation of Cochrane reviews: a panel and open floor discussion', moderated a session on 'Investigating bias', and facilitated a workshop on 'Understanding, appraising and reporting systematic reviews that use individual participant data'.

Professor Stewart has been appointed to the NICE Highly Specialised Technologies Evaluation Committee. She was an invited panellist at the Institute of Medicine meeting of the Committee on Responsible Sharing of Clinical Trial Data, Washington DC.

Social Policy Research Unit

Dr Fiona Aspinal presented 'What outcomes do people with long-term neurological conditions want and can these be assessed in practice?' at the 'Health, Wellbeing and Innovation: Recent advances in research, practice and education' conference, Trinity College Dublin.

Professor Caroline Glendinning gave a plenary presentation 'Home care reablement services:

researching effectiveness in prevention' at the 'Preventive Services Across Social Care and Health: Policy, Practice, People and Possibilities' Scottish Social Services Research Group conference, Edinburgh. Professor Glendinning and Ricardo Roderigues presented 'Care markets in transition: recent developments in England and their impact on providers and users of home care services' at the Nordic Research Network on Marketisation in Eldercare conference, University of Tampere.

Kate Gridley gave a seminar on 'Life story work with people with dementia' at the School of Health and Related Research, University of Sheffield, and the Bradford Dementia Group, University of Bradford. With Professor Gillian Parker, she presented a poster 'Life story work with people with dementia' at the Dementia Congress, Nottingham. Professor Parker presented 'International evidence on effective interventions to support carers: are we looking for the right outcomes?' at the Effective Support for Carers seminar, University of Surrey.

Dr Parvaneh Rabiee presented 'Local authority-managed personal budgets – how far do they offer choice, control and personalised home care support?' at the British Society of Gerontology conference on 'Global Ageing: Implications for Individuals and Societies', University of Oxford.

Professor Mike Stein gave a keynote presentation on 'Success factors on leaving care: messages from research' at the 'Transition to Adulthood from Care' conference, Paris.

Social Policy and Social Work

Professor Nina Biehal gave invited plenary presentations on 'Foster care in England' at the 'Foster Care in Europe: what do we know about outcomes and evidence?' conference, Padua, Italy, and 'Family placement: an English perspective' at the 'Between two families: an international perspective on family placement' conference, University of Warsaw.

Professor Kathleen Kiernan presented 'What matters for child wellbeing in the early years? Evidence from the UK Millennium Cohort Study' at a Public Policy Seminar, ESRI Dublin.

Professor Nick Ellison, Dr John Hudson and Dr Neil Lunt hosted a delegation of the Korea Institute of Public Administration. Dr Lunt gave a seminar on medical tourism at the World Health Organisation in Geneva, as part of the Global Health Histories seminar series. He spoke on 'Reflections on medical travel in Europe: patient choice, organisational responses and national

strategies' at a round table discussion of the State Agency for Tourism and Resorts, Kiev, Ukraine. He was an invited panel contributor for the Scientific American event 'Wellness Going Global', London, and he was an invited speaker on 'The politics of co-producing academic-practitioner research' at the Research Unit for Research Utilisation symposium, University of St Andrews.

Dr Stefan Kuehner convened a panel 'Meeting emerging global policy challenges: what can social policy and international development studies learn from each other?' and presented with Professor Jonathan Bradshaw on 'Narratives of knowing in social policy' at the Development Studies Association conference, Birmingham.

Dr Christine Skinner gave a keynote presentation and presentations on child support policy to the International Symposium on Child Support, Australian National University (ANU), Canberra, Australia. With Professor Dan Meyer, she gave seminar presentations on child support policy to the Australian Government's Department of Human Services and to the Crawford School of Public Policy in ANU, Canberra, and they presented a joint paper on US, UK and comparative child support policy at the Australian Institute of Family Studies (AIFS), Melbourne. Social Policy and Social Work gratefully acknowledges funding support from the Australian Government Research Council, DFS, ANU, AIFS and RMIT University (Melbourne).

Dr Carolyn Snell spoke on the relationship between fuel poverty and disability in the context of policy change at the Eaga Charitable Trust reception at the Houses of Parliament.

Sociology

Dr Ruth Penfold-Mounce held 'Negotiating morbid spaces', a symposium on media violence, urban space and transgression and dark tourism.

Professor Sharon Macdonald gave a lecture on 'Memorylands: heritage and identity in Europe today' at the University of Gothenburg. She was a Visiting Professor at the Chinese National Academy of the Arts, Beijing, and gave lectures at Peking University, Beijing Normal University and Southwest National University, Chengdu.

At the University of Borås, Sweden, Professor Colin Campbell gave a public lecture on 'From Romance to Romanticism: The Beatles 1962–1970' and spoke on 'The curse of the new: how the accelerating pursuit of the new is driving hyper-consumption' in a workshop on 'Reduce, re-use and recycle'.

Professor Ellen Annandale has been appointed as a Vice President of the European

Sociological Association. She also chairs the Association's Postgraduate Committee and sits on its Publications Committee and Committee for National Associations.

Theatre, Film and Television

Dr Lisa Peschel launched her forthcoming anthology *Performing Captivity, Performing Escape: Cabarets and Plays from the Terezin/Theresienstadt Ghetto* at the Center for Jewish History in New York City and delivered a lecture on the plays at Dartmouth College, New Hampshire.

Dr Jenna Ng presented 'Moving immovables: relocating the digital mediation of historical spaces' at the Rethinking Intermediality in the Digital Age conference in Cluj-Napoca, Romania, and gave an invited talk on 'Surface, display, life: the digital mediation of space as cinematic display' at a 'Cinema Experiences: Immersive Pasts and Futures' workshop, Singapore.

Dr Benjamin Poore was invited to speak on 'Pump up the volume: television, adaptation and convergence' at the Rethinking Adaptation in the Age of Media Convergence conference, University of Freiburg. He presented 'Holmes, Hyde and the limits of neo-Victorianism', as part of a speaker's panel on 'Re-writing the Victorians for television and radio', Birkbeck, University of London.

Professor Andrew Higson was one of 18 project leaders introducing their collaborative research projects at the launch conference in Dubrovnik by Humanities in the European Research Area. With colleagues from the University of Copenhagen and the Free University Brussels, he spoke on 'Mediating cultural encounters through European screens' at a conference at Lund University. He also spoke at Godmersham Park to mark the 200th anniversary of the publication of *Pride and Prejudice*, and was a keynote speaker at the Screening European Heritage conference, University of Leeds, and at the launch event for the University of Southampton's Institute for Language and Culture.

York Health Economics Consortium

At the International Society for Pharmacoeconomics and Outcomes Research European Congress, Dublin, Dr Adam Smith and Dr Matthew Taylor, with Dr Kim Cocks (Health Sciences) and David Parry (AstraZeneca), won a best podium presentation award for 'Responsiveness of the EQ-5D in oncology: a meta-analysis'.

Introducing Design and Print Solutions

Design and Print Solutions is the new name for the professional one-stop design and print service available to staff, students and external customers.

Formerly known as Campus Copy and Print, the re-brand follows a £100k investment to fit out a dedicated print production work unit located close to the campus and upgrade the mono and colour print facilities.

"This investment together with our outsourcing arrangements with chosen major printers for larger print runs, means we

can offer top quality print at great value for money," says the Acting General Manager, Rena Quarton.

Service improvements will continue with the launch of 'DP Online' a new web-to-print service enabling personalised business stationery and the ability to upload documents for printing via the dedicated online store. DP Online will be launched in the Summer Term.

For more information on the services offered and future showcase events visit www.york.ac.uk/design-and-print.





UNIVERSITY *of York*

Merchant Adventurers' Science Discovery Lecture

Geometry

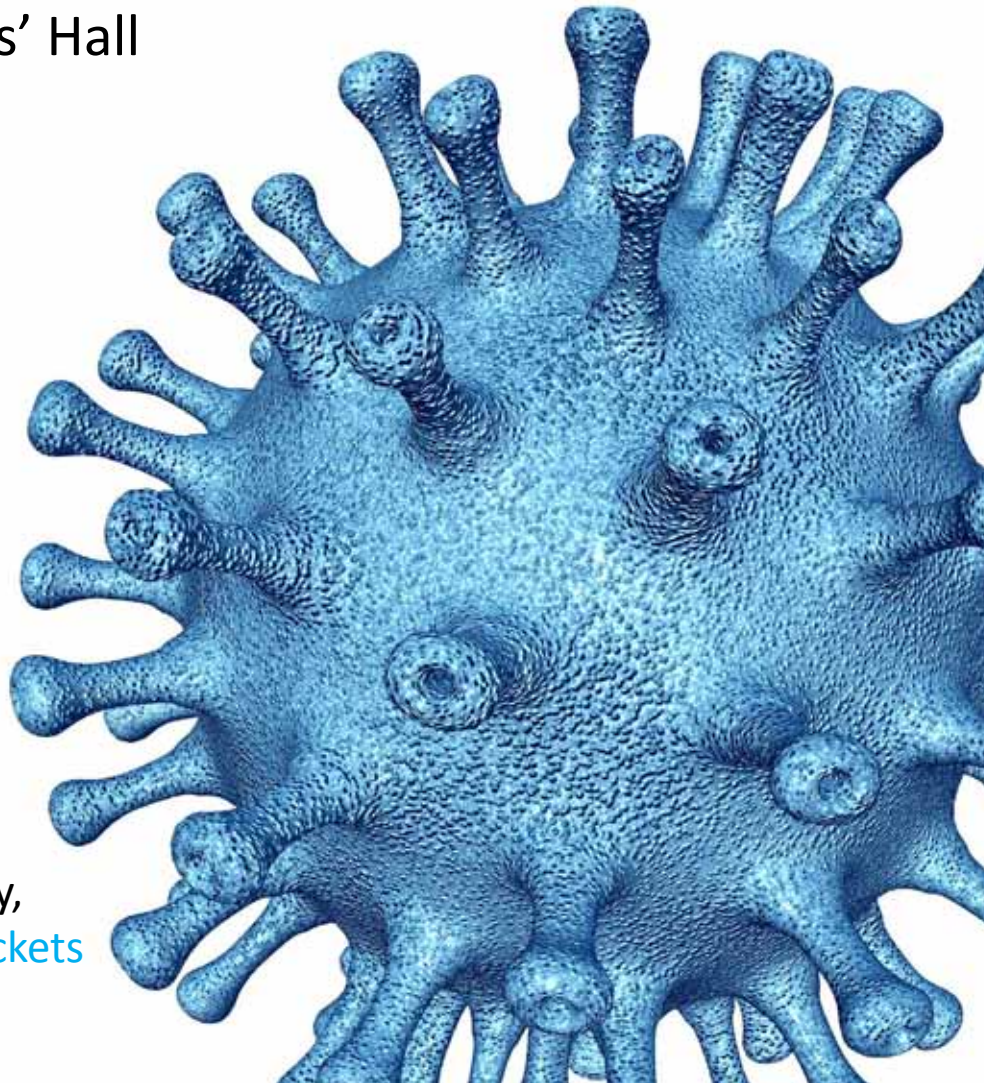
A secret weapon in the fight against viruses

Professor Reidun Twarock

Departments of Mathematics and Biology and York Centre for Complex Systems Analysis

Thursday 20 March, 6.30pm

Merchant Adventurers' Hall
Fossgate, York



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