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KING'S College LONDON

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For staff, students & friends

Issue 196 | June 2011



Hong Kong Financial District

Introducing King's Worldwide

King's Worldwide has been formed to oversee the development and implementation of King's International Strategy

King's international strategy aims to position the College as one of the world's leading universities for research, teaching and international collaboration. It aims to bring long-term improvement in King's international profile and to embed an international perspective in the very fabric of the College. All international activity across academic and professional services will be integrated and co-ordinated by the King's Worldwide team, under the leadership of Professor Keith Hoggart, Vice Principal (External Relations), with the Worldwide Office led by Anna Debska.

Higher education in the 21st century is already a truly global phenomenon – leading universities attract the best students, teachers and

researchers, with brands recognised for their quality the world over. The King's Worldwide team aims to build on King's existing strengths – like its research excellence and position in the heart of London, to co-ordinate international partnerships that strengthen the College's position as a world-class institution. The King's Worldwide office will act as a central hub to organise international activity across the College, making it easier to promote the exchange and dissemination of information on international issues.

'Our internationalisation agenda attempts to derive a wider institutional benefit from our growing global reputation,' says Keith Hoggart. 'The next phase of the international strategy will continue to develop the

themes of the first phase, with a continuing emphasis on reciprocity and mutuality in relationships with partners. We have had fantastic levels of involvement and commitment to this agenda from colleagues throughout the College. We hope this will continue.'

King's has a distinguished reputation for research excellence and collaborative thinking, showcased by an already diverse range of global activity. Key elements of the international strategy revolve around the three Global Institutes: the Brazil Institute (see page 10), China Institute and India Institute, each providing a focal point for interest on these countries across a range of academic disciplines. Each of the institutes is hiring academic and professional

services staff, and recruiting to Masters and PhD Programmes for 2011 entry, with research and teaching focused on the role of these emerging nations as 21st century powerhouses.

Existing programmes on the Middle East, North America and Africa (through the African Leadership Centre) will also be supported through the Office, as will our key global partnerships with Hong Kong, Jawaharlal Nehru, National University of Singapore, North Carolina, Renmin, São Paulo and UCSF. The King's Worldwide team will work particularly closely with staff involved in these initiatives, to ensure future developments gain from and embrace wider institutional strategy and objectives.

'Our approach is distinctive' ▶ 2

Events

Annual Education Lecture

16 June (17.30),
The Great Hall, Strand Campus



Africa Conference

17 June (09.30-18.30),
Council Room, Strand Campus



The Cherry Orchard

30 June (18.30), Anatomy Theatre
& Museum, Strand Campus



More information

For more details on these events, please turn to page 12

A word from the Principal



Dear colleagues
We submitted our Access Agreement to the Office of Fair Access (OFFA) in April and made public our proposal to charge £9,000 tuition fees for all new full-time UK/EU undergraduate students from September 2012. In tandem with this we proposed that our widening participation (WP) and fair access initiatives include both enhanced financial support and increased investment in academic innovation, outreach, partnership and retention. Our proposals for fees, financial support and outreach activities are subject to approval by OFFA and we anticipate initial feedback in mid July.

King's is proposing, in the first instance, to reinvest 30 per cent of its additional fee income towards its

About a third of our home undergraduate students will receive some financial support towards fees or living costs

widening participation initiatives and financial support, with investment totaling over £6 million in 2012-13, rising to £8 million by 2014-15. It is anticipated that about a third of our home undergraduate students will receive some financial support towards fees or living costs. Some students will not have to pay tuition fees at all.

King's has a longstanding commitment to widening participation and will continue to make a significant contribution to social mobility and raising aspirations. We have agreed new strategic partnerships with neighbouring universities, schools and charities to broaden our access initiatives. Professor Eeva Leinonen, Vice Principal (Education), who leads our WP strategy, and I launched the first of these with the Harris Federation of South London Schools on 10 May.

Finally, we have commenced work on a revised general strategy for the College. It will not be a fully fledged Strategic Plan like that produced in 2006 for the period to 2016. Much of that plan remains relevant but much has changed internally and externally since 2006. Rather than setting out detailed targets and proposals covering the full range of College activities, the new strategy will describe the College's relationship to its operating environment at a time of significant change, in order to help guide investment decisions. The revised strategy will be a major topic of discussion this term, both at my Fora and at Academic Board, before College Council considers a draft in late June. **Rick Trainor, Principal**

Sultan of Brunei awarded honorary degree

His Majesty Sultan Haji Hassanal Bolkiah received an honorary degree from the Chairman of the College Council, the Marquess of Douro, in front of an audience which included many King's students from Brunei on 14 April.

His Majesty ascended to the throne in 1967 to become the 29th Sultan of Brunei Darussalam. Throughout his reign, he has emphasised the need to raise education standards in order to produce knowledgeable and skilled citizens who can enhance their competitiveness in the global economy, while maintaining their

traditional Islamic values and cultural heritage.

In 1992, he founded the Sultan Haji Hassanal Bolkiah Foundation, which funds scholarships for exceptional Bruneians to study at world-renowned universities. King's has been personally chosen by His Majesty as one of the universities his scholars may attend, and since 2006 the College has welcomed some 25 scholars supported by the Foundation and His Majesty's Government each year, primarily in medicine and dentistry.

Within the last five years,

His Majesty has also established two new universities and one university college to meet the increasing demand for tertiary education. The government in Brunei

His Majesty's connection to King's also extends to his family members

provides free education from primary to tertiary level, and this has resulted in a 94 per cent literacy rate among the local population.

His Majesty's connection to King's also extends to his family members. His daughter, Her Royal Highness Princess Hajah Majeedah Nuurul Bolkiah, was awarded the College's MA in Environment & Development in 2005, and his niece is currently an undergraduate at King's.

Through the Brunei Ministry of Health, His Majesty is very supportive of the work being undertaken in Brunei by the King's Dental Institute, and the Dean & Head of the Institute, Deputy Vice Principal Professor Nairn Wilson, is a regular visitor to the country.

The Dental Institute announced the renewal of an agreement with the Government of Brunei that sees three more years of collaboration aimed at the development of the dental workforce in Brunei Darussalam.



His Majesty Sultan Haji Hasanah Bolkiah receiving his Honorary degree

Sir Peter Baldwin memorial lecture

A lecture given by Sir Bert Massie CBE, former Chairman of the Disability Rights Commission, in memory of Sir Peter Baldwin, KCB, took place in the Great Hall Strand campus on 18 April.

The lecture entitled, *Policy Implications of the Social Perceptions of Disabled People*, was very well attended, and guests included Lady Baldwin and members of the Baldwin Family, as well as friends and colleagues of Sir Peter's.

Sir Peter Baldwin (1922-2010) was a member of King's College Council from 1992-2003, Chairman of the Delegacy from 1991-98 and a member of the Board of Governors of UMDS from 1993-98. Most significantly, he was a committed and energetic supporter of the disabled. He was chairman of many charitable and voluntary organisations, including the Disabled Persons Transport Advisory Committee (1984-93), the Charities Aid Foundation (1994-99), Hearing Dogs for Deaf People (1983-86) and Radar (1992-96).

In 1981, as Permanent Secretary at the Department of Transport, he was responsible for the redesign of the London black cab, altering it to help people with disabilities. He was also involved in the introduction of low floors in buses. In his welcome speech,

the Principal, Professor Rick Trainor, called Sir Peter 'one of King's heroes'. He spoke about Sir Peter's impact and influence on the College saying, "Sir Peter made enormously valuable contributions to King's and its constituent institutions over many years." Sir Bert Massie CBE, is an international expert in equality and social policy and has been a disability rights campaigner for some 40 years.

In his lecture, he spoke about how attitudes towards disabled people have changed over the years, and the role Sir Peter played in that transformation.



Sir Bert Massie CBE giving memorial lecture

Vocational review

The low-level vocational courses taken by many young people have little value in the labour market, suggests an independent review by Professor Alison Wolf.



The report **Professor Wolf on apprenticeships** suggests funding should be focused more on high-quality apprentice schemes, and that all young people who do not have good English and maths GCSEs should continue to study these subjects.

'Doing a good apprenticeship is worth far more to you in all sorts of ways than doing a university degree that doesn't interest you, and which often doesn't have that much value either,' said Wolf.

'Young people need to get into the workplace and to get some real skills that will serve them well in life. *Review of Vocational Education - The Wolf Report* was compiled by Professor Alison Wolf, Sir Roy Griffiths Professor of Public Sector Management at King's, and was published on 3 March by the Department of Education.

Introducing King's Worldwide continued

◀ 1 adds Keith Hoggart. 'Many of our overseas partners observe that others see their international agenda as being about student recruitment. We seek to make long-term investments of time and resource in developing key partners and initiatives. We know this kind of commitment is attractive to potential staff and students but we are not doing this as just a recruitment activity.'

King's International Strategy

The strategy is based on mutuality and reciprocity, and focused on the following themes:

University partners: Developing institution-wide collaborations with a small number of like-minded universities, based on a shared vision and research excellence that contributes to high-quality teaching and learning. A limited number of specialised linkages will also be pursued at School/Department/Division level to enhance research capacity or the quality of the student experience.

Joint teaching and research: Recognising that partnerships should be based on teaching and research collaborations with the development of dual and joint degree programmes.

Global Institutes and Centres: Encouraging interest amongst King's staff and students in key overseas nations through the development of

teaching and research programmes at King's, focused on specific nations and regions.

Staff and student mobility: Supporting King's students to spend part of their degree programme at a key partner overseas and developing opportunities for staff exchange.

International recruitment: Attracting the most talented staff and students from all over the world.

Overseas alumni: Engaging overseas King's alumni in promoting deeper understanding of their own nation, in assisting King's students and in enhancing King's international brand. 'The support and involvement of alumni has enriched our strategy as much as that of the staff and students in the College community,' says Keith Hoggart. 'Our global network is a great asset for the College.'

Developmental partnerships: Building a programme of developmental linkages, especially with nations that are less well positioned economically than the UK, in order to enhance research and teaching/learning capacities within these nations.

International media outreach: In order to raise the profile of King's and position the university as a world leader in various research fields, and highlight international collaborations with key partners and institutions in places like North America, India, China and Brazil.



Scientists in Sport

GSK launches London 2012 initiative with King's to inspire young people into science careers

At the launch of the new 'Scientists in Sport' education programme designed to inspire young people into a range of scientific careers, a study found that eight out of 10 secondary school pupils are now worried about getting a job in the future.

The results were released on the day that London 2012 partner GlaxoSmithKline (GSK) and King's, a World Anti-Doping Agency

The aim of today is to inspire students to work for strong science 'A' levels now

(WADA) accredited laboratory, launched a nationwide 'Scientists in Sport' schools outreach programme.

The programme comprises a series of free events running between now and the Olympic and Paralympic Games in 2012. These events offer local school children the opportunity to experience a day at a university and through a series of sports based lectures and interactive workshops aims to encourage 11-14 year old students to take their science studies further and consider a career in science.

The programme launch followed GSK's recent commitment to encourage the very best graduates into careers at the company by



Students conduct spot tests in the lab

reimbursing 100 per cent of uncapped tuition fees for all undergraduates recruited in the UK from September 2012.

Professor Roger Morris, Head of the School of Biomedical Sciences at King's, said: 'We are delighted to work

with GSK in developing the national 'Scientists in Sport' programme. The science underlying elite levels of performance, and detection of drug cheats, provides a unique opportunity to engage pupils with hands-on experiments, and meet and hear

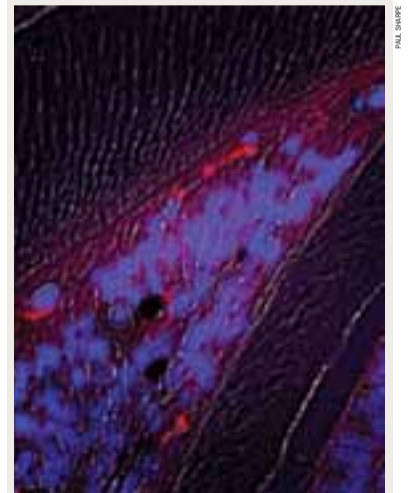
King's experts explain how they will monitor athletes at the London 2012 Games. The aim of today is to inspire students to work for strong science 'A' levels now, in order to be able to study at leading research universities such as King's.'

News in brief

New stem cell research

Scientists from King's have uncovered the first genetic evidence that shows cells found on the surface of blood vessels can act as stem cells.

The researchers carried out experiments in rodent incisor teeth, which continuously sharpen themselves by the shearing action of their tips. The tissue that is lost during sharpening must be continuously replaced. The experiment showed that perivascular cells act as stem cells and when a tooth is damaged, specific new



Blood vessel cells inside a tooth

tooth cells are made to regenerate the tooth.

Perivascular cells are scattered throughout the blood vessel walls and as they are present in most human tissue, they could be utilised to provide an effective natural mechanism for organ and tissue repair.

Carbon Management

King's believes that protection of the environment is an integral part of good institutional practice. The College is committed to maintaining and, wherever possible, improving its way of operating, to reduce its impact on the environment.

As part of this commitment, the College has adopted and published its second Carbon Management Plan, which aims to reduce the organisation's carbon emissions systematically by reducing the energy to operate our buildings.

This second Carbon Management Plan can be accessed by visiting the following webpage: <https://www.kcl.ac.uk/about/structure/admin/estates/sustainability/carbon-mgn.html>.



'Lest We Forget' goes live

A new website has been launched by Archives listing College staff and students killed in the two World Wars – accompanied by detailed biographies and photographs of many of the war dead.

The ongoing project is the result of more than a year of research by a dedicated team of volunteers from the University of the Third Age, drawing on source material held in the Archives. It is hoped that the website will eventually provide a comprehensive listing of the war dead for King's and its partner institutions for all 20th century conflicts.

The war memorial website can be found by visiting the following webpage, <http://www.kingscollections.org/warmemorials/>.



Thomas Wright

Archbishop of Canterbury gives Oration

The Most Revd and Rt Hon Dr Rowan Williams delivered the King's Commemoration Oration on 21 March at the Great Hall, Strand Campus.

In his Oration, entitled 'Big Society – Small World?', Dr Williams took David Cameron's much-vaunted Big Society agenda as his starting point and acknowledged that, in some quarters, it has been seen as 'aspirational waffle designed to conceal a deeply damaging withdrawal from its responsibilities to the most vulnerable in society'.

To overcome this scepticism, he stressed that it needed to be 'a morally robust programme for the common good, nationally and internationally', which would only be possible with some 'sustained thinking about how character, and in particular civic character, might be developed and enhanced by addressing the challenges such a project presents'.

He argued that the Church was ideally suited to this kind of thinking and for building the 'capacity of local communities to solve their problems', and that universities, with their 'fundamental passion for truth', had a similar role to play. Registering his concern about the effect of cuts to higher education funding, he cautioned: 'God help us – literally – when the humanities and the pure sciences come to be seen as luxuries in



The Archbishop of Canterbury delivering the King's Commemoration Oration at the Great Hall

higher education, or indeed education at any level.'

Dr Williams expressed hope that the global recession would now lead to a new model of capitalism, citing the examples of microfinance schemes in the developing world and the

coalition government's 'Robin Hood tax' – a levy on financial transactions for which he offered cautious support.

Following the Oration, Lord Douro, Chairman of Council, conferred an honorary degree on Dr Williams with the title of Doctor of Divinity.

HRH The Duke of Edinburgh

His Royal Highness The Duke of Edinburgh pays a visit to the Joint Services Command and Staff College on the 10th anniversary of its opening

On 29 March His Royal Highness The Duke of Edinburgh returned to Shrivenham to mark the 10th Anniversary of his opening of the Joint Services Command and Staff College (JSCSC) where the Defence Studies Department is contracted to provide academic support.

Accompanied by Air Vice-Marshal Ray Lock, the Commandant of the Staff College, (pictured left), His Royal Highness met with the Head of School of Social Science & Public Policy, Professor Denise Lievesley, and the Dean of Academic Studies and Head of the Defence Studies Department, Professor Matt Uttley, (pictured with their backs to the camera), before undertaking a short ceremony marking the anniversary, and attending an informal luncheon.

The JSCSC was formed temporarily in Bracknell in 1997 from the Single Service colleges at Greenwich, Camberley and Bracknell, before moving to the new purpose built building at Shrivenham in August 2000. It was at this point that the College was awarded a full academic support contract and the Defence

Studies Department was created as an academic department of King's College London. The original Staff Colleges can trace their

history back over 200 years and the modern College continues the tradition of providing high quality training and education - how to think,

not what to think - for officers of the UK and other Armed Forces, Civil Servants and a multitude of other organisations.



Franklin-Wilkins library refurbishment

The College has begun an ambitious project to modernise Franklin-Wilkins Library, one of our busiest and most central libraries, over the summer. A multi-disciplinary library, Franklin-Wilkins Library is home to Nursing & Midwifery, Biomedical Science and a significant proportion of the social sciences collections including Education and Management. The Library, located on the Waterloo campus, boasts of some 320,000 visits per year.

There will be a new entrance and reception area on the first floor, more social spaces, space for collaborative study, and a walk-in short loans collection. The Library will work in parallel with the catering areas on the ground and first floor of Franklin-Wilkins Building, also due for refurbishment. The Library is closed for refurbishment on Tuesday 31 May and is set to open again on Monday 12 September. During the closure period, alternative arrangements have been made to ensure that students and staff have access to resources - either online or via a small, temporary Franklin-Wilkins collection located at the Maughan Library in Chancery Lane, Strand Campus.

For further information visit <http://www.kcl.ac.uk/iss/visitors/library/transform>

All change at Somerset House



As the clock ticks, the Somerset House East Wing Project Team, headed by Senior Project Manager Oluchi Uduku, forges ahead to deliver the East Wing, which will be the new home

of the School of Law and King's Cultural Quarter. Much of the renovation and refurbishment reinstates the Grade I listed building to its former glory, restoring many of its lost design

features, including sash windows and original fireplaces. For further images and latest news on the project, please visit www.kcl.ac.uk/somersethouse

2010 Report published

The 2010 King's College London Report is now available. This magazine-style publication, edited by Dr Christine Kenyon Jones, is produced to high standards of illustration and design and showcases a sample of the immense range of research, teaching and innovation undertaken at King's, providing an excellent way to demonstrate the best of King's to opinion-formers, funding councils and bodies, visitors and VIPs.

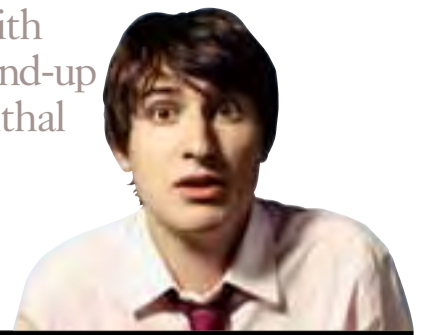
Topics in this edition include a review by Dr Mark Mulligan, Reader in Physical Geography, of his work quantifying and communicating the importance of global protected areas; an article by Professor Anne Marie Rafferty, Head of the Florence Nightingale School of Nursing & Midwifery, reflecting on two important Nightingale anniversaries and on what Nightingale still has to teach us; a round-up of aspects of 'performance' that have put King's in the spotlight recently, ranging from Inigo Jones to Queer Studies; research on the nature, origins and effects of class and ethnic minority in Britain by academics from English, Geography and Education; an account by Dr Jonathan Mill of the Institute of Psychiatry of how the science of epigenetics is complicating our understanding of the roles of genes; an interview with Professor Eeva Leinonen, Vice



The 2010 King's College Report, now available

Principal (Education), in which she explains how King's is leading the way to ensure that universities equip students for the 21st century world of work; an exploration by Dr Geoff Browell of the College Archives of the long history of Somerset House; a view of the student year by the President of KCLSU; reflections by the Principal on developments at King's in 2009-10; a round-up of the College's news, and a digest of King's facts, figures and finances.

Copies of the new edition of the Report are available from pr@kcl.ac.uk and it can be viewed online at www.kcl.ac.uk/media/publications/profile



Fast, accurate test for Alzheimer's

Scientists at the National Institute for Health Research's (NIHR) Biomedical Research Centre for Mental Health at the Institute of Psychiatry (IoP) and South London and Maudsley NHS Foundation Trust (SLaM) are the first to use an advanced computer program to accurately detect the early signs of Alzheimer's disease from a routine clinical brain scan.

The 'Automated MRI' software automatically compares or benchmarks someone's brain scan

An early diagnosis allows someone to plan their care before their condition worsens

image against 1200 others, each showing varying stages of Alzheimer's disease. This collection of images is thought to be the largest of its kind in the world.

Normally in routine clinical practice, brain scans are used to simply exclude diseases that can mimic Alzheimer's disease, but here automated MRI software is being used for the first time in a NHS setting to make an early and accurate diagnosis of the illness.

Early diagnosis of Alzheimer's is clinically difficult and patients with the early signs are frequently not treated until their symptoms become stronger. The new scan however can

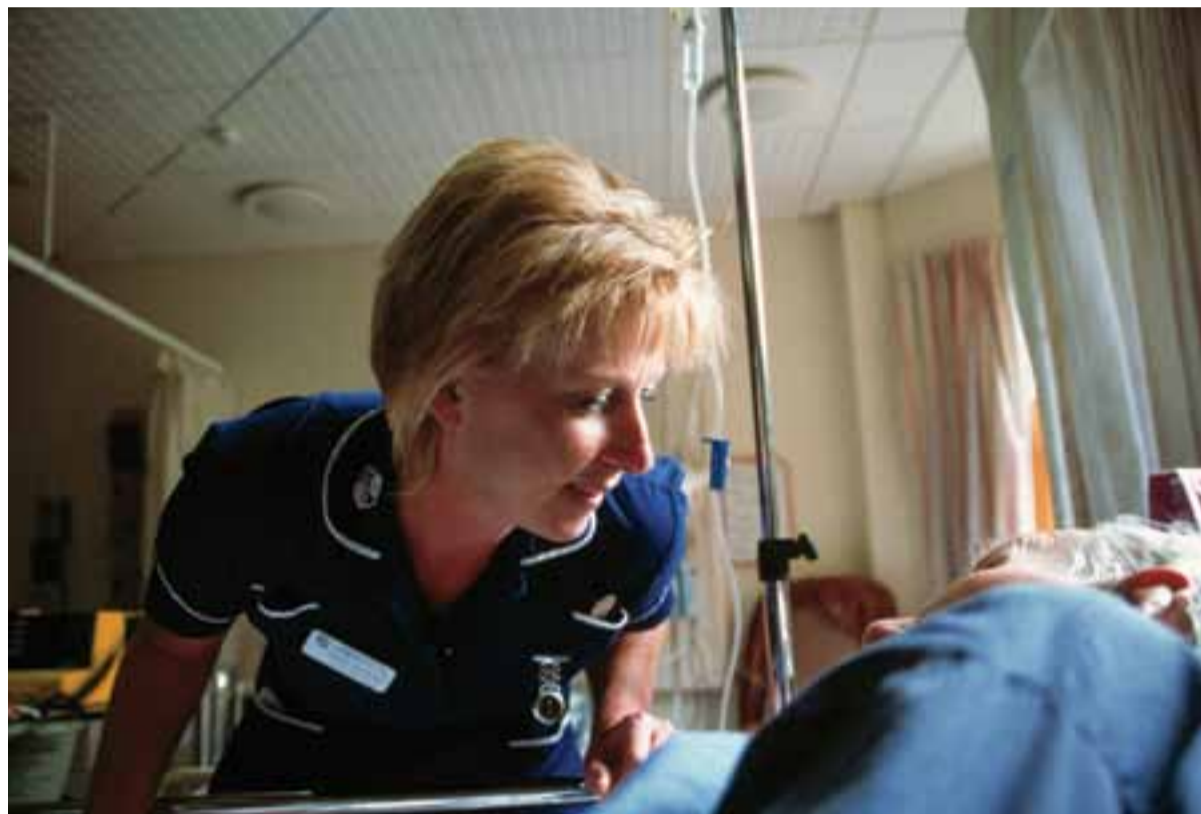
return 85 per cent accurate diagnostic results in under 24 hours.

An early diagnosis allows someone to plan their care before the condition worsens - helping to prevent institutionalisation, dramatically improving their quality of life. It is also a cost effective and efficient way to

manage and organise treatment of the disease. The scan has been developed by scientists at the IoP, together with colleagues from the Karolinska Hospital in Stockholm.

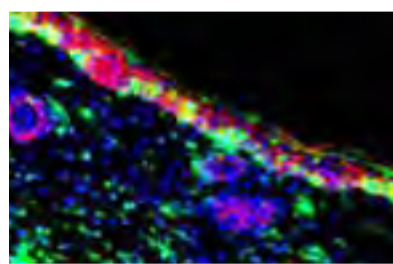
The system is being 'field tested' over the next 12 months with patients attending SLaM memory

services in Croydon, Lambeth and Southwark. The 'field test' will also provide a supply of research grade images, which has important implications for the development of the next generation of drugs for dementia and individualised treatments.



The new scan can return 85 per cent accurate diagnostic results in under 24 hours

Scientists make skin repair discovery



Bone marrow cells (green) can regenerate skin

Researchers at King's and Osaka University (Japan) have identified specific bone marrow cells that can transform into skin cells to repair damaged skin tissue.

The team has uncovered how this process works, providing new insights into the mechanisms behind skin repair. This significant advance has the potential to revolutionise approaches to wound treatment in the future.

The research showed that around one in every 450 bone marrow cells has the capacity to transform into skin cells and regenerate the skin. The team also identified the signal that triggers recruitment of the bone marrow cells to repair skin.

Professor John McGrath is working together with colleagues at Osaka University to create a drug treatment that can augment tissue repair. It is expected that the developed treatment will be tested in animal models in about a year and enter clinical trials shortly afterwards.

History Department's Latin play

The History Department presented its annual Medieval Latin Play on 1 April in the College Chapel. This year's production was Ludus de Antichristo (Play of the Antichrist) and, as ever, was performed in the original Latin.

This was the sixth such event, and the first to be performed with an original score (by Alessia Mankovskaya) and English subtitles. The performance was widely publicised both within the College, and to historians and classicists throughout the UK.

The Ludus de Antichristo was written in Germany in the late 12th century, in rhyming Latin verse. It narrates the coming of Antichrist, who

attempts to convince the world that he is Christ returned. In the play, the Kings of Europe and Asia, the Church and the Jews all submit to Antichrist, and his victory seems final, till he is destroyed at the last moment by God's power.

The play was directed by Jose Manuel Gandia, a student on RADA's MA in Text and Performance. The bulk of the cast and crew were students in the History Department's MA in Medieval History, but there was further participation from students in the Departments of French, Music, English and Classics, and from RADA, Queen Mary's and the Courtauld Institute. All those

involved commented on their high level of enthusiasm and commitment, and on the positive feedback they had received.

The Latin play is an optional activity for students on the History Department's Latin for Graduates course. Daniel Hadas, who teaches this course, commented: 'It was delightful to watch the growing commitment of my students' throughout the year, and to see a final product that combined dramatic excitement with confident use of the Latin language. Latin is usually called a dead language, and few Latin teachers can have the pleasure of seeing it come to life so vividly.'



The cast of Ludus de Antichristo

News in brief

'William' most popular medieval name

A study of personal names recorded in the AHRC-funded Henry III Fine Rolls Project has revealed that 'William' was the most common name among the men listed in it.

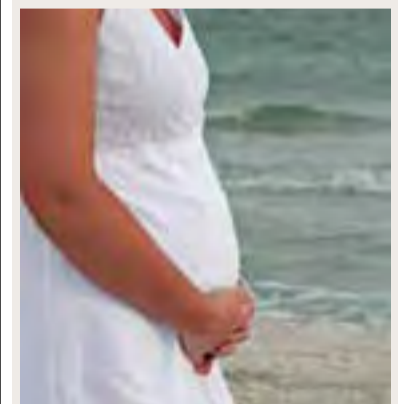
Dr Beth Hartland, one of the Research Fellows in the History Department, commented: 'Whether William will increase in popularity as a boys' name in the aftermath of the Royal Wedding or not, its popularity in early thirteenth century England is undoubted'.

Test for pre-eclampsia developed

Scientists at King's have pioneered a new method of identifying early in pregnancy which healthy first-time mothers are at risk of developing pre-eclampsia, a potentially life threatening, hypertensive condition that complicates one in 20 first pregnancies.

Led by Professor Robyn North, from the Division of Women's Health, the team of researchers analysed the medical and family history, lifestyles and clinical examination findings of more than 3,500 healthy first-time mothers participating in the SCOPE project, an international study in the UK, New Zealand, Australia and Ireland.

The study was funded by the Foundation for Research and Technology, New Zealand, Tommy's, the baby charity, and Guy's and St Thomas' Charity.



King's has developed test for pre-eclampsia

Study reveals how the eye is formed

Scientists from the department of Craniofacial Development in the Dental Institute, have discovered specific cells responsible for ensuring that different parts of the eye come together during development.

The vertebrate eye contains many different components and has a complex anatomy. During development the lens and the retina come from completely different tissues, which raise the question of how they are aligned to form a functional eye.

These findings significantly enhance understanding of how the different components of the eye are organised into a functional organ, and therefore reveal clues as to the possible causes of congenital malformations that lead to life-long visual impairment.

Student news

You talkin' to me?!

Comment catches up with King's Alumnus Tom Rosenthal, as he talks about his new sitcom *Friday Night Dinner*, and prepares for his London and Edinburgh shows

King's alumnus Tom Rosenthal is starring in Channel 4's new sitcom series *Friday Night Dinner*, written by former *Peep Show* producer, Robert Popper.

Tom, who performs alongside actors Tamsin Greig, Simon Bird and Paul Ritter, plays young estate agent Jonny Goodman. Goodman is the 'annoying' younger brother to Adam (played by Simon Bird of *The Inbetweeners* fame) and son to Jackie (Tamsin Greig, featured in hit shows such as *Black Books* & *Green Wing*). Tom commented: 'The show is semi-autobiographical about Robert Popper's life. My character, Jonny, is actually based on Robert himself.'

Tom graduated from King's in 2010 reading Philosophy and has since then expanded within the comedy circuit. He has won *Paramount Funniest Student 2009*, was a finalist in *Chortle Student Comedy Awards*, and most recently announced *Leicester Mercury Comedian of the Year 2011*. Recalling his time at King's Tom said: 'I loved my time at King's; it was great to be part of such a prestigious institution. Doing Philosophy, I would have to read a book before a gig and read a book after a gig! I look back very fondly on my time there.'

When asked about his future plans, Tom said: 'I want to keep doing stand-up and improve my performances. I am also thrilled that we get to make another series of *Friday Night Dinner*. It was great to work with actors such as Tamsin and Adam; I'm a big fan of their work. It was one of the best times of my life, and the cast, crew and production team were a total privilege to work with.'

Tom's main comedy gig this year is the run of his show *Child of Privilege* at the Edinburgh Festival from 3 - 29 August, and he is also appearing in *Chicken Soup with Barley* at the Royal Court Theatre from 2 June - to 9 July.

See Tom in *Friday Night Dinner*, www.channel4.com/programmes/friday-night-dinner/40d



Tom Rosenthal currently starring in Channel4's *Friday Night Dinner*

King's representative at St. Gallen Symposium

Cora (LingLing) Xu, a student at King's studying for her master's in Assessment Education, was selected to attend the acclaimed annual St. Gallen Symposium in May. Cora was joined by over 600 distinguished leaders in the fields of science, business and politics, as well as other young talented entrepreneurs.

Cora was selected for the St. Gallen Symposium Excellence Award, along with another 200 students from around the world.

The event discusses topical issues in management and assesses

the interrelationships between business, politics and society. Over three days, participants are invited to an array of conferences and seminars where current affairs and expert theories are debated.

Cora said: 'I enjoyed the plenary sessions where the politicians and entrepreneurs gave talks, and the focus groups where we debated and created.'

We debated with the leaders of today and suggested new ideas, but I also wanted to enrich my thoughts and look at things in different ways.'

KCLBC Dubai

King's award winning student enterprise society, the King's College London Business Club (KCLBC), recently led a forum discussion on enterprise in the Middle East & North Africa region (MENA) in association with Dubai College in the United Arab Emirates.

Attended by 20 KCLBC members on a trip to Dubai and an invited audience of Dubai College, the session discussed three key topic areas; the current and future economic prospects in the Gulf and wider MENA region; Dubai as a place to do business – a world commercial and financial centre; and careers in Dubai (in relation to

careers in London). The panel of speakers was drawn from alumni of both King's and Dubai College.

In addition, a series of high profile engagements with some of the corporate world's leading names across law, banking, consulting and technology provided an opportunity to learn about the region first hand. The delegation met with, among others, Dubai Chamber of Commerce, SNR Denton, Linklaters, DLA Piper, Ernst & Young, ICICI Bank, SAP, Jumeirah Group and Emirates Airlines.

Andrew Doyle, KCLBC's International Relations Director, who chaired the panel discussion and

is also a final year student in the Department of Management at King's, commented 'We are always hearing about the growing importance of business in an international context and this is exactly what this programme allowed us to explore. The Middle East is a strategically important region of the world and is set to continue to grow in influence. There was no better way for the participants to learn first hand about the region's growth and its opportunities than to fly out there and experience it for the week, meeting some very influential and insightful people'.



WeCan-UGan: SIFE members cycling in Uganda

Members of Students in Free Enterprise (SIFE) at King's and students from other universities, including Nottingham and Sheffield, have recently returned from a cycle tour of Uganda to raise funds for the charity WeCan-UGan, which promotes the education of vulnerable children in Uganda and rebuilds war-torn communities returning from refugee camps.

SIFE is an established organisation at King's; students apply business concepts to develop outreach projects that aim to benefit people and communities in need, and the students themselves develop their own skills, moulding them into socially responsible business leaders. The students jumped at the chance to get involved with WeCan-UGan and to make a difference in the Lango sub-region of Uganda by teaching local people business ethics and entrepreneurial skills.

King's SIFE worked in partnership with a Ugandan charity entitled Hope Revival Agency for Rural Development (HORARD), that provides health education for local communities, and supports local businesses. The charity is building a primary, secondary and vocational school for children who have survived the 20 year civil war in Northern Uganda. WeCan-UGan hoped to raise a sufficient amount of capital for HORARD to implement their plans for education across Lango communities. The students who ventured to Uganda for the cycle tour visited a total of 53 schools.



Students at Arwotcek School in Amolatar District, Uganda

Green recognition for KCLSU

KCLSU has achieved the Silver Standard for the Green Impact Student's Union accreditation scheme for collaborating with READ International to recycle books and the use of efficient fluorescent bulbs and LED lighting. Next year, KCLSU aim to get the Gold Standard. This involves doing our bit for the environment and encouraging environmentally positive social behaviours in staff and students.

KCLSU election result

On 11 March, KCLSU elected its first-ever all female student officer team. A record 4,024 votes were cast. The results were as follows:

- Hannah Barlow** President
- Simi Smith** Vice President Academic Affairs
- Holly Walsh** Vice President Student Activities & Facilities
- Fran Allfrey** Vice President Student Media & Engagement.

Hannah Barlow is the first female president since 2000/01. There are also two new Student Trustees for the Board: Alireza Shirazi Nejad and Fazley Wali Ahmed. All six students will take office from 1 August.

Lion's Den winners announced

Ten King's staff and students were honoured for their big ideas and entrepreneurial spirit, and benefited from a total of £10,000 prize money and development funding, at the 2010-11 King's College London Graduate Business Plan Competition finals.

The finals, sponsored by Rawlinson and Hunter, saw teams pitching their own business plans in front of peers, mentors and business experts, and featured a wide range of ideas from health to digital and technology ventures.

The biggest winners of the night were Adam Crymble, Mona Sandkühler and Mark Taylor, who were awarded the Lion's Den Development prize of £7,000 for their business idea, MyScholar. This aims to provide online, personalised, one-on-one maths tutoring to students across the UK. MyScholar also won £1,000 worth of market research services from Marketest Ltd.

The winner of the King's Business start-up prize of £1,000 was Scrap Attack. Team members, Kyle Hansen, Melissa O'Young and Ryan Ward, want to collect food waste from UK eateries and transform it into environmentally-friendly, high-quality, saleable compost, to help alleviate the UK's food waste problem.

Tosin Akingbade and Abbas Lawa of eLearnNG Ltd, won the Lion's Den Big Idea prize of £1,000, for their idea to provide electronic learning solutions to teaching institutions in Nigeria.

Anton Krawez and Patapia Tzotzoli

won the Best Pitch prize of £1,000 for iConcipio, their business idea that aims to support the psychological and generic needs of higher education students with a website featuring self-learning techniques and videos.

Dr Alison Campbell, who heads

King's College London Business, said: 'The competition really showcases the innovation that is thriving at King's. Entrants go on to become the innovators of the future and King's is proud to be a part of their entrepreneurial journey.'



King's entrepreneurs celebrate success at winning a total of £10,000 prizes in the Lion's Den 2010-11

King's people

Profile

Katharine Rabson Stark

Katharine Rabson Stark is Director of Strategic Development for Arts & Sciences, at King's Strand Campus

Tell us about your career.

As a child I veered between wanting to work in the arts and becoming a farmer. Unsurprisingly I left school with no clear idea of what I wanted to do, other than something which was intellectually challenging that I could get passionate about. Many years later I feel I have achieved this. I work with and alongside the arts and amazing academics and colleagues on stimulating and fascinating projects and have a family life that includes a smallholding, chickens and bees. So I do feel that somewhere along the line I have made the right decisions.

King's has played a large role in my life. I came here 12 years ago following an archaeological degree at Cambridge and a brief sojourn at the University of Wales, Lampeter. After a stint in External Relations I moved into King's Business in 1999

and worked under the very first wave of Third Stream funding, to establish more links with cultural and artistic organisations. We were the first institution in the UK to focus on this area of the economy, prioritizing it alongside pharmaceutical and healthcare companies, and I have always felt pride in helping King's ambitions in this field.

Please describe your current role.

My role is hard to explain, but I suppose at its heart is ensuring that the East Wing of Somerset House becomes everything King's hopes it could be – and more. When I started, the role was described to me as an 'orchestrator': it's a mixture of the highly strategic and the highly practical. I lead on the College's interaction with Somerset House Trust; work with the Law School to ensure that the building and its re-design fits and fulfils the School's needs and forward plans; liaise daily with the Estates team, architects and project managers on requirements such as the AV systems and design, furniture specifications, reception desks and digital signage and ensure that the building fulfils the College's ambition to be a bridge between the worlds of academia and the arts. Thank goodness for the fantastic Oluchi Uduku in Estates & Facilities, who leads the project team and puts up with my constant questions!

What do you most enjoy about your work?

I love talking with colleagues about ideas and then working out ways of making them happen.

Have there been any particularly exciting aspects to your work on the East Wing?

Every time I go into the East Wing I get excited. It's easy to get caught up in the minutiae, and going into the building reminds me why we are transforming this important piece of real estate and allows me to envisage



the impact that King's can make, internally and externally, through doing so.

What would you like to see in the East Wing by this time next year?

The East Wing will be a living building with an enormous variety of

activities. The Law School will be open – stretching out and loving its new home, particularly the special elements such as the student and staff common rooms and the Moot Court. The King's Cultural Quarter will be full of artistic and intellectually stimulating discussion and display

for public consumption. And the prestigious and cutting-edge teaching spaces on the first floor, with their magnificent views and facilities, will be attracting governments, industry and public bodies to experience what the College has to offer. I can't wait.

Fact file

Book on your bedside table

At the moment it veers from the sublime (the wonderful *Thinking in Place* by Carol Becker, Dean of Arts at Columbia) to the ridiculously escapist (*Sanctum*, the first novel by my friend Simon Toyne).

Favourite holiday destination

The tip of Cornwall around Penzance is where I went as a child and where I will take my children. Walking the 100-mile Chamonix to Zermatt Haute Route sticks in my mind as the most memorable yet exhausting holiday.

Proudest work moment

I still get a thrill when I realise that the very knowledgeable and erudite person that has woken me up on the *Today* programme is actually someone I work with.

Alumni lend a hand

Throughout February and March, alumni of the College have been putting on their volunteer hats and helping our students by getting involved with a range of careers events organised by the Careers Department and Student Societies.

By sharing their knowledge and advice with students, alumni enable students to gain from their experiences and expertise. It is of great benefit to our students to learn from those who have been there before and gives them a boost before they embark on their careers, which is so important in the current jobs market.

Global University Partners

The College now has seven global institutional university partners and two new academic liaisons for these partners; Professor Declan Murphy and Professor Tony Ng.

The liaison academics for King's global university partners are Professor Declan Murphy (IoP) for the University of Hong Kong, Dr Jon Wilson (History) for the Jawaharlal Nehru University, Professor Tony Ng (Randall Institute) for the National University of Singapore, Professor David Ricks (Hellenic Studies) for the University of North Carolina, Professor Ellen



Solomon (Genetics) for the UCSF, Dr Doug Fuller (Management) for the Renmin University

of China and Dr Maite Conde (Brazil Institute) for the University of São Paulo.

Alumni Weekend – journey of the senses

King's staff are invited to attend the eighth annual Alumni Weekend this June. This year the theme is Journey of the Senses, and we hope that the weekend of lectures, tours, social meetings and musical performances will prove to be a delightful sensory experience.

Please visit www.alumni.kcl.ac.uk for information on all the events taking place. There is also a limited number of free staff places, so please contact the Alumni & Community Relations Office to book.



PICTURE CREDIT: HINE

King's embarks on two exciting ventures

King's College London and Imperial College London are set to embark on two new exciting and innovative ventures, in collaboration with world leaders in the areas of medical research and medical imaging.

They will join the partners behind the world-leading medical research institute: the UK Centre for Medical Research and Innovation (UKCMRI). UKCMRI's goal is to understand how living things work and to use that knowledge for the benefit of humanity. It will find ways to prevent and treat diseases affecting people today – including cancers, infectious diseases, disorders of the immune system, and neurodegeneration. The pioneering laboratories will become a world-class facility for medical research with 1,500 staff, strengthening the UK's reputation as a centre for excellence for medical science.

Imperial and King's have each signed a Memorandum of Understanding expressing their intent to join the existing partners which include four of the world's leading medical research organisations: the Medical Research Council, Cancer Research UK, the Wellcome Trust and UCL. Imperial and King's would each contribute £40 million to the development of the new institute to match the contribution from the founding academic partner UCL.

Professor Rick Trainor, Principal said: 'King's is delighted to have reached this milestone in negotiating its participation in UKCMRI. Having such a strong pool of experts working collaboratively under one roof in this world-leading facility for medical research and innovation has the potential to deliver real advances in



science and health research.'

Alongside this project, King's, Imperial and UCL, have also signed an agreement to join a unique partnership with the Medical Research Council (MRC) and pharmaceutical company GlaxoSmithkline (GSK). They will become equal shareholders in a newly created joint venture, at GSK's Clinical Imaging Centre, which will give the UK research community access to world-class medical imaging

facilities in London.

The £47m centre on Imperial College London's Hammersmith Hospital campus has carried out GSK-dedicated research in close collaboration with academic researchers since it opened in 2007. Under the new arrangements, the research and technical expertise of the four partners will help to drive the centre into new areas and applications of imaging.

Minister for Universities and Science David Willetts said: 'Throughout these difficult economic times we need to find innovative ways of ensuring UK bioscience maintains its leading edge. This agreement with GSK will enable the MRC to run a world class facility with three top London institutions, giving them access to state of the art equipment and benefitting researchers across academia and industry.'

News in brief

Estates and Facilities achieves 'Chartered Manager'

Ian Armitage, the Strand Campus Operations Manager, has recently been awarded the title of Chartered Manager, as part of the Estates & Facilities Directorate embedded Management Development Programme. It is awarded based on proven application and expertise in leading people and managing change. CMI believe that Ian is the first King's employee to be awarded this status.

Sue Toon (CMI Programme Tutor) said, 'Ian demonstrated that he was innovative and creative in looking at new ways of working, which not only obtained cost savings, but changed the culture and merged the two areas of Estates & Facilities into one team.'



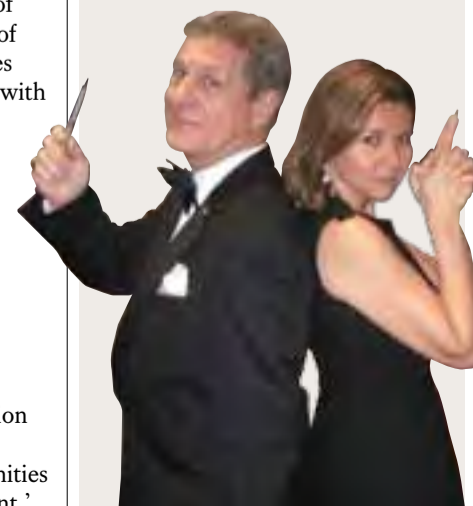
Ian Armitage

Duel day across the globe

King's alumni Christopher Davis (Medicine, 1976) and Angela Crowdy (Spanish & Portuguese, 1984) adopt an appropriate pose at the Duel Day dinner at the National Press Club in Washington DC.

At the end of March, former students around the world celebrated the 182nd anniversary of the famous pistol duel between the Duke of Wellington and the Earl of Winchelsea over the founding of King's College London. Alumni branches took inspiration from the historic event and organised themed parties with fancy dress, and re-enactments of the duel.

Gatherings were held in ten cities, including Beijing, Zagreb, Singapore, and of course, London.



King's alumni appointed as Bishops

Two prestigious alumni of King's have recently been appointed as Bishops of Salisbury and Lincoln, respectively.

Her Majesty the Queen approved the nomination of the Reverend Nicholas Roderick Holtham, Vicar of Saint Martin-in-the-Fields in the Diocese of London, for election as Bishop of Salisbury in succession to the Right Reverend Dr David Stafford Stancliffe.

Nicholas Holtam grew up in North London. He read Geography at Durham and trained for ordination at King's College London and Westcott House, Cambridge. Nicholas has been at St Martin-in-the-Fields since 1995, but has had a long association with the Diocese. He had his first curacy at St Dunstan and All Saints Stepney and also spent seven years in London's Docklands as Vicar of Christ Church and Saint John with Saint Luke's Isle of



Reverend Nicholas Holtham

Dogs. Nicholas has made a significant contribution to the Diocese of London not least in the renewal of the buildings, while nurturing the many regular and visiting members of his congregation

The Prime Minister recently appointed the Venerable Christopher Lowson as 72nd Bishop of Lincoln. Born in Co. Durham, Christopher completed his studies at King's College London and in St Augustine's College, Canterbury (AKC). He was ordained deacon in the Diocese of Southwark in 1977, and spent five years as a curate in Richmond in southwest London.

His first post in charge of a parish was Holy Trinity Eltham. After nine years he was appointed to be vicar of Petersfield, a market town in Hampshire. Christopher has been Director of Ministry for the Church of England since February 2006.

He said: 'It was a great honour to be invited to be Bishop of Lincoln, and my instinct was to accept.'

New Digital Humanities Head

A new Head has been announced for the world's largest department of Digital Humanities, at King's. Professor Andrew Prescott, who will take up the appointment to the Chair of Digital Humanities this summer, is a former curator of manuscripts at the British Library.

Andrew has also worked in the Humanities Research Institute at Sheffield University and is currently Director of Research at Humanities Advanced Technology and Information Institute at the



Professor Andrew Prescott

University of Glasgow.

King's world-renowned Centre for Computing in the Humanities has recently changed its name to the Department of Digital Humanities (DDH). Digital Humanities has long been recognised by the College as an academic discipline in its own right, the first institution in the world to do so, and the new name reflects both this and King's continued support for its teaching and research activities.

DDH is an international leader in the application of technology in the arts and humanities, and in the social sciences. The primary objective of DDH is to study the possibilities of computing for arts and humanities scholarship and, in collaboration with local, national and international research partners, to design and build applications which realise these possibilities, particularly those which produce online research publications.

Andrew Prescott commented: 'I am very excited to be joining a department of the outstanding stature of DDH. I congratulate King's College London on its vision and ambition in investing in the development of the digital humanities at this vital time in its development.'

King's people

Focus

Brazil Institute

Pioneering the study of contemporary Brazil and expanding links with universities, business and government

Since its launch in October 2010, the Brazil Institute has become the focal point for Brazil-related activities across King's, and aims to contribute to a growing interdisciplinary interest in Brazil among both students and academics.

'Over the last three decades, Brazil has opened up to the world, and the world has become much more aware of its importance and growing influence,' says Director, Professor Anthony Pereira. 'But knowledge of Brazil lags behind the country's new prominence, so the Brazil Institute has been created, in part, to fill that gap.'

On 6-7 of April, the Institute hosted a conference marking the first hundred days of the new government and the first female president in Brazil's history, Dilma Rousseff. The conference involved a keynote panel with trade lawyer Durval de Noronha and the High General Representative of Mercosur, Ambassador Samuel Guimarães. In June the Brazil Institute will spearhead the visit of a group of King's academics to the University of São Paulo, where future collaboration will be discussed.

While focusing on Brazil, the Institute has been formed with the wider King's Worldwide strategy in mind. Along with other global institutes and centres the Brazil Institute will enhance its position as a world-leading university, with a distinguished reputation for research excellence and collaborative thinking. 'The Brazil Institute will allow students and staff to research Brazil in the context of other emerging powers such as China and India, and not just Latin America,' says Pereira.

Pereira's vision is of an Institute whose research activities match the complexity, dynamism, and exuberance of Brazil itself. 'In a relatively short time, the King's Brazil Institute could become the best institute of its kind in Europe. We are expanding our links beyond King's with Brazilian universities, businesses,

creative and cultural sectors, foundations, and government.'

New staff have been hired with the appointments reinforcing the focus on the study of contemporary Brazil. Major research themes revolve around the challenges for Brazil in the 21st century: culture, identity, and religion; economic development,

The King's Brazil Institute could become the best institute of its kind in Europe

trade, and international relations; science, energy, and the environment; and governance, citizenship, and the quality of urban life.

'2011-12 promises to be a very exciting year for us,' says Pereira. 'Our new staff will arrive and we will have our first cohorts of students in the MA and PhD programmes.'

The three new faculty members have already started working together on the visit to the University of São Paulo – they are sociologist Alvaro Comin, geographer Jeff Garmany, and film studies scholar Maite Conde. Their expertise covers areas such as economics, education, urban and regional development, globalisation, religion, the environment, cinema and culture. In addition, a new MA, Brazil in Global Perspective, and PhD programme, have been approved.

Pereira is considering other cross-appointments, so that the number of researchers with an interest in Brazil is enhanced. 'We have a strong link with Geography, History, the Department of Spanish, Portuguese & Latin American Studies, and the Camões Institute, amongst whose members are acknowledged world leaders in their areas of research.'

'The defining characteristic

of King's Brazil Institute is its blend of internationalism and interdisciplinarity,' he says. 'The Institute encourages researchers not just to study Brazil, but to work with Brazilian partners on mutually-beneficial projects.' King's was the first British university to have a partnership with FAPESP, the research council of the state of São Paulo. King's and FAPESP are now reviewing research proposals in which King's faculty who team up with a colleague based in the state of São Paulo can be jointly funded.

'Through our work, perhaps some of the stereotypes and clichés about Brazil can be questioned and superseded,' says Pereira. 'Brazil and the world face critical challenges in the years ahead and we hope to help people make more informed analyses of those challenges in a critical and engaged way.'



Octavio Frias de Oliveira Bridge São Paulo, opened in May 2008

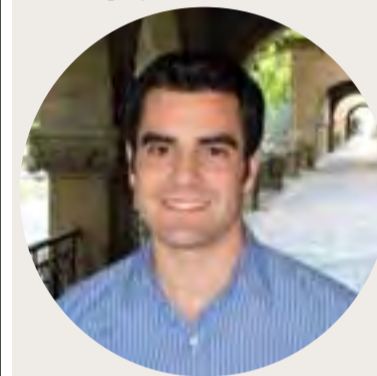
News in brief

Fulbright exchange participants announced

King's is delighted to welcome Theodoros Milonopoulos and J. Brian Cassel to participate in this year's Fulbright exchange programme.

A graduate of Stanford, Theo has served for the last two years as a research assistant to Condoleezza Rice. Theo will study civil-military relations and diversity in the armed forces at King's.

Brian received his PhD in psychology from City University of New York. He is senior analyst at the Massey Cancer Center of Virginia Commonwealth University. Brian teaches courses on healthcare ethics and science-and-religion studies. He will be working with Dr Irene Higginson at King's Cicely Saunders Institute on a collaborative research project.



Theodoros Milonopoulos

A musical 'thank you'

The Principal hosted the 12th annual Principal's Concerts on 29 March in the Great Hall. Over 400 donors to the World questions | King's answers fundraising campaign attended one of two performances on the day. The Principal expressed his gratitude for the philanthropy shown by our supporters. Talented musicians from both the King's Music Department and the KCL Jazz society entertained the afternoon and evening audiences.

For further information about supporting the College, visit www.kcl.ac.uk/kingsanswers

Media watch

Mega-quake & tsunami

Dr Bruce Malamud, Reader in Natural & Environmental Hazards, Geography, was interviewed by Al Jazeera, Xinhua (China) and Russia Today.



Nuclear crisis

Dr Matthew Moran and Carl Miller, International

Centre for Security Analysis, wrote for *Prospect* about lessons that can be learned from the Fukushima crisis. Nick Butler, Director of the King's Policy Institute, wrote in the *Financial Times* about the impact the crisis would have on the energy sector.

Palliative care

More people would rather improve the quality of their life if they were terminally ill than lengthen it, according to a study



by Professor Irene Higginson, Cicely Saunders Institute for Palliative Care. The results were reported in *Daily Telegraph* and *Times of India*.

Pakistan & Bin-Laden

Professor Anatol Lieven, War Studies, was interviewed by the BBC, Fox News and RTE (Ireland), reacting to the death of Bin-Laden. His news analysis appeared in

The Times and *International Herald Tribune*. Lieven also wrote an op-ed for *New York Times* on why the Taliban should be included in peace talks. Dr John Gearson (War Studies) commented on the security risks following the death in various UK national media.

Genes & alcohol

Professor Günter Schumann and colleagues, Institute of Psychiatry, discovered a gene that plays a role in regulating alcohol consumption. Reported by Reuters, *Daily Mail*, Press Association, CNBC, ITV, Fox

News, Xinhua and *Times of India*.

Arab uprisings

Dr Ashraf Mishrif, Middle East & Mediterranean Studies, commented on the Egyptian uprisings on BBC World Service and Sky News, and Madawi al-Rasheed, Professor of Anthropology of Religion, Theology & Religious Studies talked about Saudi Arabia for BBC and *New York Times*.

Education reform

Professor Alison Wolf, Department of Management, completed her



Flashback

1861: Clerk Maxwell's greatest year

Flashback traces the achievements of James Clerk Maxwell, one of the world's greatest physicists, 150 years ago at King's

James Clerk Maxwell (1831-79) was Professor of Natural Philosophy at King's from 1860 to 1865, and 2011 marks the 150th anniversary of two of his most important discoveries, both dating from the most productive period of his life, when he was exposed to the inspiring milieu of London. The year 1861 saw not only the publication of his first paper on electromagnetic theory, but also the first photograph produced according to Maxwell's three-colour method, taken by photographic pioneer Thomas Sutton of King's.

Equations

Through his four-part paper, beginning with 'On Physical Lines of Force' (1861), Maxwell demonstrated that magnetism, electricity and light are different manifestations of the same fundamental laws. The fourth part, 'A Dynamical Theory of the Electromagnetic Field' (1865), described these, as well as radio waves, radar, and radiant heat, through a unique and elegant system of four partial differential equations, which paved the way for current technologies in radio, television, telephone and information exchange.

Albert Einstein described how these equations produced a change in the conception of reality which was 'the most profound and the most fruitful that physics had experienced since the time of Newton'. 'One scientific epoch ended and another began with James Clerk Maxwell', Einstein concluded.

Photography

Maxwell first suggested the three-colour method, which is the foundation of both chemical and electronic photographic processes, in a paper on 'Experiments in Colour', published in 1855. He realized that all the colours of nature can be counterfeited to the human eye by mixing red, green and blue in proportions which stimulate the three types of cells in the eye to the same

degrees that the 'real' colours do. He suggested that if three colourless photographs of the same scene were taken through red, green and blue filters, and transparencies made from them were projected through the same filters and superimposed on a screen, the result would be an image reproducing all the colours in the original scene.

The first photograph made according to these suggestions was of a tartan ribbon. This was taken to illustrate an 1861 lecture given by Maxwell at the Royal Institution by Thomas Sutton, lecturer on photography at King's, inventor of the single-lens reflex camera and compiler of the first dictionary of photography. King's was an early pioneer in the study of photography: Sutton's predecessor from 1857 to 1860, Thomas Frederick Hardwich (author of *A manual of photographic chemistry, theoretical and practical* 1855) was Britain's (and perhaps the world's) first university lecturer in the subject, and Charles Wheatstone, who invented the stereoscope and had a strong interest in vision and photography, made a collection of early photographs which is in the College Archives. In 1857 the Photographic Society's journal reported that King's had 'a glass house, with a large commodious developing room, in connection with a chemical laboratory'.

As Maxwell noted, the results of the three 1861 separations were imperfect because of the insensitivity of 1860s photographic materials to red and green light. Later researchers have demonstrated that the 'red' and 'green' images were in fact created by light from the blue-ultraviolet region of the spectrum which was not adequately blocked by the filters. Maxwell's suggestion was not followed through to produce practical results until some 30 years later. While he was at King's Maxwell also extended his statistical theories on the nature of gases, conducted



James Clerk Maxwell produced his greatest work while he was a professor at King's in the 1860s.

experiments for the Electrical Standards Committee of the British Association for the Advancement of Science and developed the standards for measuring electrical resistance, producing a report on 'The Elementary Relations between Electrical Measurements'. He also gave weekly evening talks to artisans. Cyril Domb, former James Clerk Maxwell Professor at King's, has demonstrated that there was no

foundation to the rumour, published in FJC Hearnshaw's 1928 history of the College, that Maxwell was asked to leave King's because he could not keep order in his classes. Maxwell did, however, find he was short of time to pursue his scientific research, and in 1865 he left London and retired to his Scottish estate. In 1871 he was appointed the first Cavendish Professor of Natural & Experimental Philosophy at Cambridge.

Maxwell is commemorated at King's in the building named after him at Waterloo; by the Clerk Maxwell Chair of Theoretical Physics (currently occupied by Professor John Ellis FRS) and by a plaque at the Strand Campus. The Maxwell Society organizes regular public lectures, and the College Archives hold some of his notebooks.

Christine Kenyon Jones

education review for the Government. The findings were reported in *Daily Telegraph*, *Daily Mail*, *Guardian* and Sky News, among others.

Electoral reform & AV

Professor Vernon Bogdanor, Institute of Contemporary History, was interviewed by multiple media outlets on the AV referendum. His comments appeared in *Guardian*, BBC News, *Observer*, *Daily Telegraph*, *Economist*, *Evening Standard*, and *New Statesman*.



Contemporary India

Dr Sunil Khilnani, Director of the India Institute, was interviewed by *Eastern Eye* and *The Telegraph* (India). He was profiled in *The Hindu*, with his plans for the Institute, as a platform for major India-related events.

London air

A study led by Professor Frank Kelly's Environmental Research Group found that the London

congestion charge has not improved air quality. Reported by Reuters, *Guardian* and BBC. He was also interviewed by ITV News, BBC News, Channel 4 News and *Independent* about the smog alert.

Maxwell's 150th

2011 marks the 150th anniversary of two of Maxwell's most important achievements, both accomplished while he was at King's. Anniversary reported in *Nature* and *The Economist*.

Cyber security

Dr Richard Overill, Informatics,

commented on potential attacks on Google's new Android platform for *Bloomberg News*. Wire copy ran in the *Boston Globe*, *San Francisco Chronicle*, and was linked to by the *Huffington Post*.

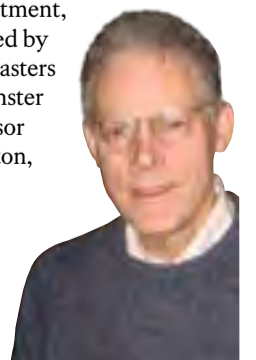
Overseas doctors

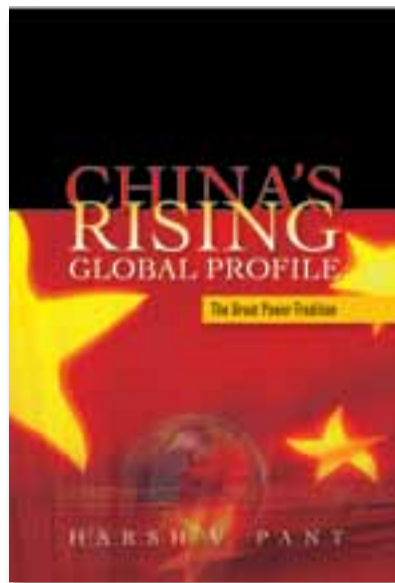
Research led by Charlotte Humphrey, School of Nursing & Midwifery, published in the *British Medical Journal* and reported in the *Daily Telegraph* and *Daily Mail*, found that the General Medical Council's decisions about doctors who qualify outside the UK are more likely to have

serious repercussions.

Royal Wedding

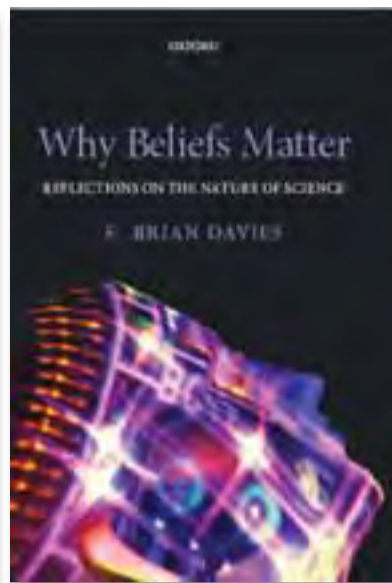
Professor David Carpenter, History Department, was interviewed by foreign broadcasters about Westminster Abbey. Professor Richard Drayton, History, was interviewed for *New York Times* on the line of succession.





China's Rising Global Profile
Dr Harsh V Pant, Department of Defence Studies

China is an emerging superpower with growing economic and political interests worldwide that need to be preserved and enhanced. As China becomes economically powerful, it has also become more ambitious and assertive. Harsh V. Pant examines the growing role of China in various parts of the world – Asia-Pacific, South Asia, Africa, Middle East, Indian Ocean and Europe – and the tough diplomatic choices that it is having to make as it goes about asserting its interests.
Sussex Academic Press



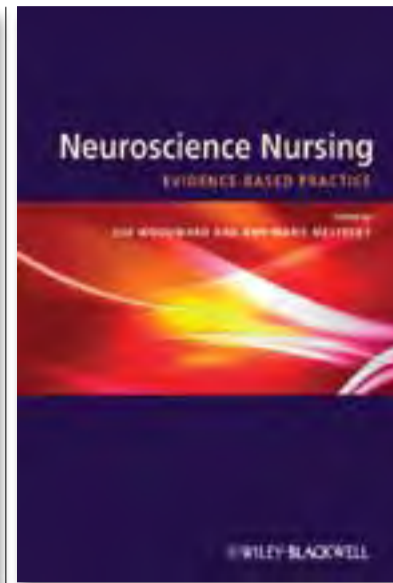
Why Beliefs Matter, Reflections on the Nature of Science
Professor E Brian Davies, Department of Mathematics

This book argues that 'absolutist' ideas dating back to Plato continue to mislead generations of theoretical physicists and theologians. It explains that the multi-layered nature of our present descriptions of the world is unavoidable, because of our own human natures. It provides direct quotations from important contributors to its subject, and concludes with criticisms of both sides in the often acrimonious debates about science and religion.
Oxford University Press



Philosemitism in History
Jonathan Karp, State University of New York, Binghamton, and Dr Adam Sutcliffe eds., Department of History

Often philosemitism, the idealisation of Jews and Judaism, has been simplistically misunderstood. This book surveys the phenomenon from antiquity to the present day, and highlighting its rich complexity and broad impact on Western culture. It includes 14 essays by historians, anthropologists and literary and religious scholars, ranging from medieval philosemitism, to such modern and contemporary topics as the African American depiction of Jews as ethnic role models and the Zionism of Christian evangelicals.
Cambridge University Press



Neuroscience Nursing: Evidence-Based Theory and Practice
Sue Woodward, Florence Nightingale School of Nursing & Midwifery

This book aims to inform the practice of neuroscience nursing through the report of current research, best available evidence, policy and education. It is divided into several sections, including: neurological investigations and neurosurgical procedures; and management of patients with intracranial disorders. The book explores the concepts of neuroscience care, including its history and development, and legal and ethical issues. It also includes patients' perspectives of living with a variety of neurological conditions.
Wiley Blackwell

What's on

Annual Education Lecture: Teaching Classics in Schools

16 June 2011, 17.30 The Great Hall, Strand Campus
Boris Johnson, Mayor of London, has always been a vocal advocate for teaching classics in state schools. In this talk he will discuss the educational benefits of teaching the classics and call again for its promotion within schools.
RSVP by Friday 10 June to Julie Hipperson via email deps@kcl.ac.uk or call 020 7848 3183.

Africa Conference: Africa Facing the Future

17 June 2011, 09:30-18:30, Council Room, King's Building, Strand Campus
The aim of this Conference arises from the formal evidence that 50 years have passed since Africa's independence began. It is now time to try to capture the new reality of the continent in face of future challenges. For further details email Pelagia Pais at ahri@kcl.ac.uk

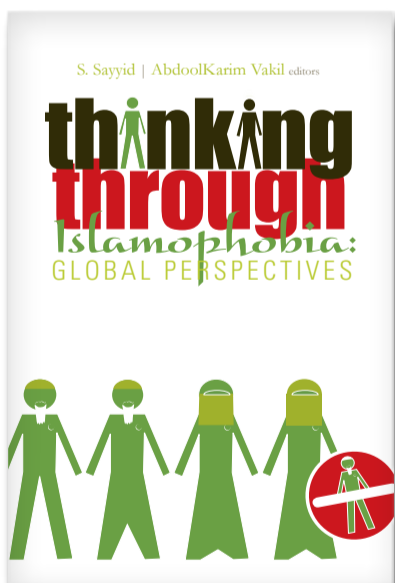
Film screening: The Cherry Orchard

30 June 2011, 18:30, Anatomy Theatre & Museum, King's Building, Strand Campus
National Theatre Live @ King's presents Chekhov's *The Cherry Orchard*, directed by NT Associate Director Howard Davies, whose recent productions of Russian plays have earned huge critical acclaim. Zoë Wanamaker will play Madame Ranevskaya.

This will be a live broadcast of the play, streamed directly to the ATM from the National Theatre. All tickets include a drink in the interval and cost £15.00: general public. £12.50: staff and alumni of King's. £10.00: King's students. They can be booked by visiting <http://atm.kcl.ac.uk/>.
For further information please email atm@kcl.ac.uk or call 020 7848 2689.

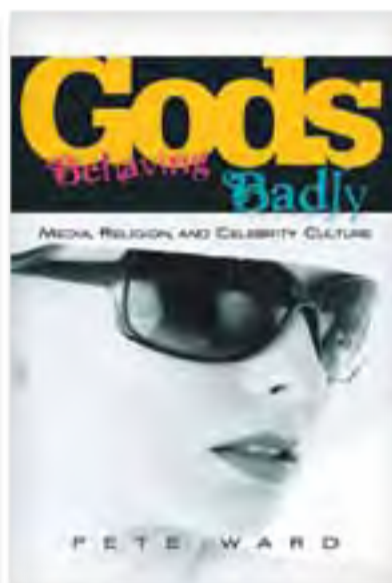


Zoë Wannamaker in Chekhov's *The Cherry Orchard*



Thinking Through Islamophobia: Global Perspectives
S Sayyid and AbdoolKarim Vakil eds., Department of Spanish, Portuguese & Latin American Studies/ Department of History

Use of the term Islamophobia is today both inexorable and controversial. *Thinking Through Islamophobia* offers a series of critical engagements with the concept, its history and deployment, and the phenomena that it seeks to marshal. The book locates the polemical debates on Islamophobia within wider cultural and political mobilisations engendered by the 'Muslim question'.
Hurst & Co



Gods Behaving Badly Media, Religion and Celebrity Culture
Dr Pete Ward, Department of Education & Professional Studies

Dr Pete Ward shows how Christian theologians can not only comment critically on 'celebrity culture' as a cultural phenomenon, but more positively engage with it as 'theological capital'. Pete Ward develops a notion of theology in a celebrity culture based on the plausibility of faith in relation to the circulation of stories within cultural representation.
SCM Press



Circular Migration in Zimbabwe and Contemporary sub-Saharan Africa
Dr Deborah Potts, Department of Geography

This book reviews the current evidence about circular migration and urbanisation in sub-Saharan Africa, illustrated through a detailed examination of the case of Zimbabwe based on the author's longstanding research on Harare. The author challenges the dominant view that rural-urban migration continues unabated and shows that circular migration has continued and has adapted in the face of declining urban economic opportunities.
James Currey Publishers



Architectural Design and Regulation
Professor Rob Imrie and Emma Street, Department of Geography

Architectural Design and Regulation explores how the practices of architects are embedded in complex systems of rules and regulations. The authors develop the understanding that the rules and regulations of building form and performance ought not to be counterpoised as external to creative processes and practices, but as integral to the creation of well-designed places.
Wiley-Blackwell

Comment is the College's newsletter, edited by the Public Relations Department and designed by Esterson Associates | *Comment* is printed on paper that contains materials sourced from responsibly managed forests | Articles are welcomed from all members of the College, but please note that the Editor reserves the right to amend articles | Copy for the next issue can be sent to the Internal Communications Officer, Public Relations Department (ext 3075), James Clerk Maxwell Building, Waterloo Campus, or emailed to internalcommunications@kcl.ac.uk by 5 August.