



It's a wrap

Review of the year ... CENTRE PAGES



**GRANTHAM INSTITUTE
DIRECTOR APPOINTED**
Imperial welcomes
Professor Sir Brian
Hoskins **PAGE 3**



**RESEARCH EXCELLENCE
AWARDS 2007**
Meet the winning
College teams inside
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100 years of living science

100

in brief

New website up and running

Imperial's new website went live on 10 December. The Web Redesign team are seeking feedback from the College community. To have you say, visit: www.imperial.ac.uk/webredesign/yourfeedback

Sir Roy Gardner gives Energy Futures Lab lecture

The government must do more if the United Kingdom is to successfully tackle a triple challenge in securing future energy resources, one of the UK's captains of industry said at the end of last month. Sir Roy Gardner, newly appointed chair of the Imperial College Energy Futures Lab Advisory Board, was the guest speaker at the Imperial College Energy Futures Lab Annual Lecture on 'Securing our Energy Future'. Sir Roy, who is also the President of the Energy Institute, a chartered energy industry professional membership body, said Britain's historic self-sufficiency in energy is being replaced by an increasing dependence on imports. To read more, visit: www.imperial.ac.uk/news.

John Archer

John Archer, who was appointed as the College's first Deputy Rector in 1994, died of cancer earlier this month. John initially joined the College as a postgraduate research student in 1965 and re-joined in 1980 as an academic in the Mineral Resources Engineering Department. He occupied many College posts during his time at Imperial, including that of Pro



Rector. He went on to be appointed as Principal of Heriot-Watt University in 1997 and was elected a Fellow of Imperial the following year. An obituary for John Archer will appear in the next edition of *Reporter*. For information about funeral arrangements email Dr Rodney Eastwood, College Secretary, at: r.eastwood@imperial.ac.uk.

Trauma conference a success

The second annual Imperial College London Surgical Society Trauma Conference was held in the middle of last month. Two hundred and forty medical students attended the conference to gain a deeper insight into 'the management of the injured patient'. The two-day course included lectures and practical sessions which gave students the chance to gain hands-on experience at practising some commonly used trauma procedures.

Imperial debates

Last month, the Debating Society hosted its first Imperial College London Centenary Inter-Varsity Competition. Over 100 competitors and judges took part with topics ranging from Nigerian oil drilling to gun ownership. The best-performing teams entered semi-finals and the winners of those competed to take the title of Imperial Inter-Varsity Champions. The Debating Society meets every Wednesday at 18.00 in the Sir Alexander Fleming Building. For more information, email: debate@imperial.ac.uk.

Moving Indian companies from global players to leaders

The Rajiv Gandhi Centre for Innovation and Entrepreneurship, which is based in Mumbai, was launched on 3 December with a visit from the Rector and other senior College staff. The Centre, established by Tanaka Business School, hosted a panel discussion on how best to create and realise growth through innovation.

Imperial is investing £2.5 million in the Centre which aims to engage UK and Indian industry, research institutions, business schools and governments in closer research

collaborations and sharing of best practice in innovation management. The project is the first to systematically study how technology commercialisation can be successful in the context of Indian universities, research institutes and business.

David Begg, Principal of the Business School, speaking at the launch event explained the new Centre's focus: "Indian companies are stepping up, striving to compete globally on more than simply cost competition. Well-managed innovation processes unlock the potential value in a company and are vital to this transformation. The Centre helps facilitate this important step change."

The Centre will offer a range of services to its partners in India and the UK including the provision of corporate networking and executive education programmes.

Each year the Centre will award five Rajiv Gandhi Scholarships to encourage the movement of students between India and the UK and closer ties between the two student populations.

— ELLIOTT WHITE, TANAKA BUSINESS SCHOOL



Imperial College
London

100 years of living science

100

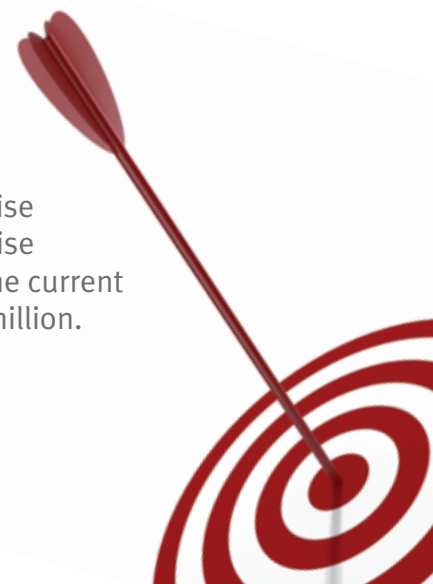
Don't stop now – help us hit the target!

Our Centenary year may be drawing to a close, but Imperial's 10-year Centenary Campaign continues to run until 2010, with a target of £207 million.

Every pound counts in helping us to realise our goal. Together you have helped to raise over £20 million during 2007, bringing the current Centenary Campaign total to over £140 million.

To follow campaign progress, find out how to continue to show your support, and make a donation, log on to:

www.imperial.ac.uk/Centenary





Director of Grantham Institute appointed

Renowned meteorologist and climate scientist Professor Sir Brian Hoskins was named as the first Director of the Grantham Institute for Climate Change at Imperial on 7 December.

Professor Hoskins is a world-leading authority on climate issues and global weather patterns who uses mathematical models to understand weather systems in different parts of the world and how they interact. He has built one of the world's foremost meteorology departments at the University of Reading, and from 1 January 2008 he will share his time as a Royal Society Research Professor between Imperial and Reading.



New Grantham Institute for Climate Change Director, Professor Sir Brian Hoskins (left), pictured with Jeremy and Hannelore Grantham, the donors who enabled the establishment of the Institute.

Commenting on his appointment, Sir Brian said: "I'm extremely excited about the opportunities this new position affords, enabling me to lead an institute that will harness the talents of world-leading experts from across Imperial, and collaborate with the complementary talents at the University of Reading to deliver research with real-world impact. The range and depth of the combined expertise

available is phenomenal: specialists in areas as diverse as public health, agriculture, engineering, climate and weather science, biodiversity, earth science, energy technologies and risk."

Committed to ensuring that climate research is used to advise governments and influence policy, Sir Brian was a member of the Royal Commission that first proposed a 60 per cent target for reduction of UK carbon dioxide emissions by 2050. He also acted as a scientific advisor to the Stern Review, credited with pushing the issue of climate change to the centre of the political agenda in the UK, and was a member of the

Intergovernmental Panel on Climate Change assessment team, which was recently awarded a Nobel Prize.

His scientific achievements include the establishment of a link between unusual weather events in the tropics and significant changes to the weather in the UK.

The Grantham Institute for Climate Change was established at the College following a £12 million donation from Jeremy and

Hannelore Grantham, through the Grantham Foundation for the Protection of the Environment. The Institute is focused on understanding the radical climate changes occurring on Earth and how they affect human welfare and ecosystems, and on developing the technological, market and policy solutions needed to mitigate and adapt to change at both a global and local level.

—DANIELLE REEVES, COMMUNICATIONS

From research assessment to research excellence

rae2008

Research Assessment Exercise

Imperial returned its submission for the Research Assessment Exercise (RAE) 2008 by the deadline of 30 November, marking the culmination of an almost three-year College project led by the Strategy and Planning Division.

Twenty-two subject submissions were made to the Higher Education Funding Council for England (HEFCE), including 1,224.57 full-time equivalent (FTE) academic staff, compared to 1,171 FTE in the RAE 2001 submission. The submissions will be used to produce a profile of the quality of Imperial's research and will determine the grant that the College will receive from HEFCE with effect from 2009-10.

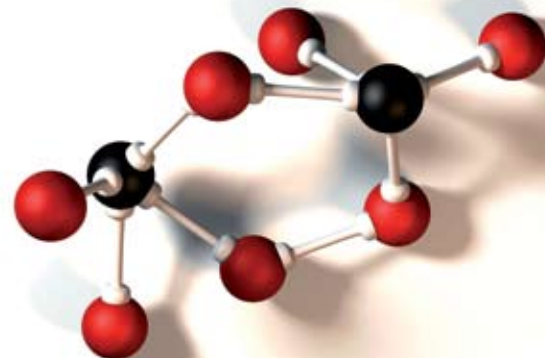
Michelle Coupland, Head of Strategy and Planning, said: "Thank you to everyone involved from across the College for all of the work which enabled us to make the deadline."

HEFCE has recently launched a consultation on proposals to reform the way in which it will assess and fund research. The proposed Research Excellence Framework would replace the RAE and for the science-based disciplines a new bibliometric indicator of research quality would be introduced. This would be based on the extent to which research papers are cited by other publications, and would be combined with research income and research student data.

Responses to the consultation are due by 14 February 2008 and the Strategy and Planning Division will seek input and contributions to the consultation from across the College.

—CAROLINE DAVIS, COMMUNICATIONS

► Details of the consultation can be found at: www.hefce.ac.uk/pubs/hefce/2007/07_34



media mentions

—DANIELLE REEVES, COMMUNICATIONS

THE OBSERVER ▶ 25 NOVEMBER

The front line of the climate fight

Academics are leading the battle against climate change by inventing, designing and producing technologies to counter its effects, according to a Green Business Guide supplement in *The Observer*. Simon Buckle, Director for Climate Change Policy at Imperial's Grantham Institute for Climate Change, spoke to journalist Anushka Asthana: "Universities and research are fundamental when it comes to carbon-reducing technologies, but it has to be focused," he said. One such project Imperial is working on is carbon sequestration,

which prevents emissions by storing the gas underground. Explaining the importance of such work, Dr Buckle

said: "How do you capture carbon dioxide, pipe it, bury it and know it will be safe for a long time? Because

China is building two new power stations a week."



DAILY MAIL 26 NOVEMBER

Put your best foot forward

The misery of painful feet and foot conditions caused by sport, old age and even wearing the wrong kind of shoes was the subject of a *Daily Mail* health feature. The paper reported that during the average lifetime our feet cover over 70,000 miles, the equivalent of walking around the world four times. Three quarters of adults will experience some sort of problem with their feet at some time, and without treatment, most of these conditions only get worse. James Calder (SORA), said: "Our feet are vital for mobility and balance but they remain one of the most neglected parts of the body."



THE TIMES 28 NOVEMBER

The road to hell?

A new study commissioned by the RAC says the UK needs a new network of motorways and A roads to cope with 12 million extra cars over the next 30 years, *The Times* reported. The study includes a map showing roughly where the new roads should be built. They include three routes from London to the north and west, and a giant new south east motorway ring, well beyond the M25. Stephen Glaister (Civil and Environmental Engineering), lead author of the study, told *The Times*: "The government cannot use the possible future introduction of road pricing as a reason to ignore the need to improve the strategic road network."



BBC NEWS ONLINE, 23 NOVEMBER

Concrete solution to shelter problems


Two Imperial alumni who studied industrial design engineering are putting their award-winning design for inflatable concrete shelters into production next



summer, according to BBC News Online. Peter Brewin and Will Crawford designed their Concrete Canvas shelter to be used in emergency situations such as on the frontline of war zones or for displaced people and refugees. The hardened structure can be put up by two untrained people in less than an hour, and is strong enough to withstand a snowload and protect against shrapnel. Mr Crawford told the BBC that they met with aid agencies in Uganda whilst designing the product: "That really encouraged us to pursue the idea of the shelters," he said.

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Imperial College Healthcare 
NHS Trust

NEWS

Cancer survival rates soars at the Trust

Lung cancer survival rates in the Trust are up to double the national average, according to a new study. Data for patients treated at Hammersmith and Charing Cross Hospitals between 2004 and 2007 showed the survival rate at one year was 52 per cent, more than twice the UK average of 24 per cent. The two year survival rate similarly far outstripped the national average – 33 per cent compared to 23 per cent. Information from St Mary's Hospital also indicates that they too are exceeding the national rates on five year survival rates.

Food, glorious food!

Charing Cross has been rated excellent for the standard of its food in new data published by the National Patient Safety Agency. Meals at the other four hospitals in the Trust were rated as good. The data is based on surveys carried out nationwide in February 2007 by Patient Environment Action Teams which were established in 2000 at every NHS trust in the country to carry out annual self-assessments of the food and environment provided at their healthcare facilities.

Art and science merge on canvas

A group of Imperial medical students have teamed up with the arts committee at St Mary's to produce a series of paintings aimed at brightening up an elderly care ward. The paintings—on show at the Victoria and Albert ward – were inspired by the ethos of the medical school and the natural beauty found in science, for example crystals seen under a microscope.

New research projects get BRC boost

New research projects have been given a £0.8m boost thanks to the Trust's Biomedical Research Centre (BRC) funds. Eighteen groups of medical researchers have been given grants of up to £68,000 to develop new projects, which include looking into therapies for sepsis and stroke, DNA collection in renal patients and bariatric surgery for the treatment of type 2 diabetes.



For more news from Imperial College Healthcare NHS Trust see the next edition of 360°, out on 17 December.

Research Excellence Awards 2007

Leading researchers have been recognised by the College for their high academic achievement and innovative work in this year's Research Excellence Awards. Each award is for up to £150,000 and rewards those teams whose research has significant future potential. Four research teams have been recognised this year and the awards will be presented at the Postgraduate Awards Ceremony in May 2008.

Meet the team leaders:

Super resolution imaging

Team leader: Professor Peter Cawley

Team members: Professor Michael Lowe, Dr Francesco Simonetti, Dr Frederic Cegla and Pierre Belanger (all from Mechanical Engineering) [pictured far right].

Professor Cawley explained how carrying out inspections of industrial plants is often problematic because of their harsh environments. He added: "The Non-Destructive Evaluation Group works with industry to solve inspection problems by designing technologies which use ultrasonic waves and other experimental methods. The group has also been the driving force behind the UK Research Centre in Non-Destructive Evaluation—a consortium of business and academia which researches new technologies for industrial inspections. Our group is very pleased to win the award and it is a great honour to be recognised by the College in this way. Awards from colleagues are always particularly satisfying."

"Awards from colleagues are always particularly satisfying"

Imaging nanostructures and hierarchical materials assembly

Team leader: Professor Sergei Kazarian

Team members: Professor Andrew Livingston, Professor Paul Luckham, Professor Kang Li, Dr Alexander Bismarck, Dr Andrew Chan, Dr Angelika Menner, Dr Natasha Shirshova, Dr Ludmila Peeva and Dr Camilla Ricci (all from Chemical Engineering) [pictured top].

Professor Kazarian spoke of the wide range of applications for his team's work: "We are a world-leading group in the area of spectroscopic imaging, which is a process for analysing the distribution of chemical substances in a broad range of materials. Our research is important because it allows scientists to



analyse many substances. For instance, scientists in the pharmaceutical industry can use detailed images of the distribution of chemicals in tablets to create faster acting drugs. The next step in our research will combine spectroscopy with atomic force microscopy to give the greatest detail yet of nanomaterials. This process will allow scientists to map the terrain and the chemical composition of substances. Responding to the recent news he said: "Our team is really pleased to have won this award, which acknowledges the efforts of our students and postdocs".

Understanding biodiversity dynamics in a changing world

Team leader: Professor Andy Purvis (Biology)

Team members: Dr Matthew Fisher (Epidemiology, Public Health and Primary Care), Professor Henrik Jensen (Mathematics), Dr Richard Grenyer (Biology), Professor Georgina Mace (Biology), Professor E.J. Milner-Gulland (Biology), Dr David Orme (Biology) and Professor Ian Owens (Biology).

Professor Purvis explained his team's research, which tries to understand how speciation, evolutionary change and extinction—the processes that have shaped biodiversity—have been influenced by the environment, either in the distant past or in the present day. He explained, "It's important because human impacts are changing the world increasingly rapidly. In order to predict how biodiversity will respond to those changes, we need first to understand how it has responded to natural changes in the past. The two main next steps are to try to link up the models across spatial scales—

from individual organisms up to whole ecosystems—and to bring together new models of how the environment shapes biodiversity with projections of future environmental changes".

Non-linear optics and fibre-based instrumentation

Team leader: Professor James Taylor

Team members: Dr Sergei Popov, John Travers, Andrei Rulkov and Burly Cumberland (all from Physics) [pictured top left].

Professor Taylor described his team's research: "The Femtosecond Optics Group, which I'm part of in the Department of Physics, is working on non-linear fibre optics. This means we put a laser into a fibre, which is then modified by the fibre to create new wavelengths. The work which we presently undertake is in high power supercontinuum generation, in which all wavelengths that glass can transmit are generated simultaneously, from the ultraviolet to the near infrared. Our new technology can be operated at very high power levels and has already replaced conventional laser systems in applications as diverse as medical imaging and remote sensing." He added, "It's a real honour to have been given this award. Our group is small, currently only six people, yet for the past 20 years and more we have been an international leading force in the field of non-linear optics and fibre-based laser systems."

—NAOMI WESTON, COMMUNICATIONS

► To read a full interview with each team leader, visit: www.imperial.ac.uk/news



Yeast infections tackled by new collaboration

How yeast infections fight off multiple attacks from the human immune system is the subject of a new study which was awarded £4.6 million on 27 November. The scientists, from Imperial and the University of Aberdeen, hope that the findings could pave the way for better and more effective anti-fungal drugs.

Thanks to funding from the Biotechnology and Biological Sciences Research Council, researchers will make use of systems biology, a new approach to life sciences research which brings together experts from biological, physical and computational disciplines.

Professor Jaroslav Stark (Mathematics), Director of the Centre for Integrative Systems Biology, said: "Working in such an interdisciplinary team is very stimulating, since each discipline has different insights and different perspectives. When these are combined we have the possibility of creating radically new approaches to the study of biological systems."

The project will focus on the yeasts *Candida albicans* and *Candida glabrata* which live in our bodies and are usually kept in check by our immune systems. If the yeast is not reined in, it can cause easily treatable infections such as thrush. However, out of control *Candida* can be life-threatening in people with weakened immune systems, such as cancer patients and those who have had transplants.

Until now, research in this field has examined how *Candida* reacts to single steps taken by our immune systems to fend off the fungus. Now for the first time scientists will look at how *Candida* fights for its life against multiple counter-measures taken by our bodies to try to kill it off.

—DANIELLE REEVES, COMMUNICATIONS

Recruits needed for new HIV study

London doctors are seeking couples where one partner is HIV-positive and the other is HIV-negative, to take part in a new global study to discover how some people remain uninfected with HIV despite exposure to the virus.

The research, launched on 30 November, the eve of World AIDS Day, is part of an international programme that will see scientists, clinicians and volunteers across the world working together with the ultimate aim of creating a new vaccine against HIV.

The researchers, from Imperial and King's College Hospital NHS Foundation Trust, are looking for couples where one partner has remained HIV-negative, in spite of having been exposed to HIV through unprotected sexual contact with their HIV-positive partner, to volunteer to take part.

Dr Sarah Fidler (Medicine), one of the researchers on the study, said: "We would strongly urge everyone to practise safe sex to avoid HIV infection. However, sex with a person infected with HIV does not always lead to the virus being passed on to the uninfected partner. Working out why transmission doesn't occur in a very small number of cases could be the key to creating a vaccine to prevent others becoming infected."

The two research centres are the only UK sites for the worldwide CHAVI (Center for HIV-AIDS Vaccine Immunology) study, which is funded by the US National Institute of Allergy and Infectious Diseases.

—LAURA GALLAGHER, COMMUNICATIONS

▶ People wishing to take part should call freephone 0800 587 4406, email chavi@imperial.ac.uk, or visit the website at www.st-marys.nhs.uk/chavi.html. All enquiries will be treated in the strictest confidence.



Blue dye could hold the key to super processing power

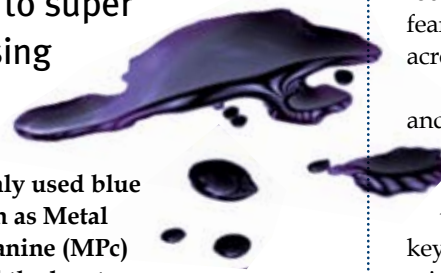
A commonly used blue dye known as Metal Phthalocyanine (MPc) could hold the key to improved processing computer technology, according to research published recently in *Advanced Materials*. Researchers found that they could magnetically control how the metal centres of MPc spin in relation to one another. They believe this process could be used as a new set of computer signals.

Dr Sandrine Heutz (Materials) explained: "These experiments prove that we will be able to replace the current electromagnetic process with a magnetic interaction between molecules of MPc."

MPc contains carbon, nitrogen and hydrogen and can also contain a wide range of atoms at its centre. In their work they used either a copper or manganese metal atom and found they could control the way these moved in relation to each other.

Dr Heutz said: "We are still a long way off from applying this technology to the home PC. However, in five years time we will have the power to unleash the vast potential of information processing at the molecular level."

—COLIN SMITH, COMMUNICATIONS



Toads in a hole?

Fungal disease threatens UK toad population

The UK's toad population could be facing a bleak future because of a deadly fungal disease, according to a new Imperial study published on 28 November in the journal *Proceedings of the Royal Society B*.

The deadly chytrid fungus *Batrachochytrium dendrobatidis* is highly effective at causing extinctions among local populations of amphibians and has already wiped out vast numbers in areas including Australia and South America. In the UK, the chytrid is found only in Kent, but researchers fear that in time it may spread across the country.

The fungus lives in the water and on the skin of host amphibians, and the new study shows that the length of time that it is able to survive on its own in water is key to determining what its impact might be.

Dr Mat Fisher (Infectious Disease Epidemiology), corresponding author of the research, said: "We don't know enough about the chytrid to predict how it is going to behave in the UK, but we start to see dramatic effects if the chytrid lives for longer than seven weeks outside the host. We strongly suspect that it can live for longer because of the devastating effect it has had elsewhere, and the new models show that this would be very bad news for toads in this country."

The researchers used mathematical models to see the effects of introducing the chytrid into a breeding population of common toads, varying the amount of time that it survived outside the host. The new models showed that if the chytrid was able to live outside the host for a year, the impact on UK toads would be considerable and, in some cases, would lead to extinction in 10 years within infected areas.

—LAURA GALLAGHER, COMMUNICATIONS



College Fund adds up to good news

The new College Fund is focused on giving Imperial greater financial freedom to invest in its infrastructure and people – adding up to good news for everyone in the College. The Fund's flow of regular income supports the academic mission, while faculties and departments can secure above inflation returns from investments in the Fund's Unitised Scheme.

The Unitised Scheme, which has been operating formally since 1 August 2007, allows faculties, departments and other College groups to direct donations, such as endowment gifts, into a professionally managed fund. College groups can place money in the Fund with confidence that the value remains clearly ring-fenced and distributions are directed specifically for use by that group.



"The Fund is all about gaining more financial freedom for the College"

Above inflation returns

The launch of the Unitised Scheme follows the College's highly successful Investment Portfolio which grew by 70.4 per cent from 2002–07, significantly outperforming its target total return of 4 per cent above inflation.

That portfolio was overseen by John Anderson who has now become Chief Executive Officer of the new College Fund. He reports to a dedicated College Fund Board – established by the Council and comprising three internal and three independent members (including the Chairman) – and has been given a clear investment focus for all assets held within the Fund. The assets of the Unitised Scheme will vary over time, but include a strong commitment to Global Equity, as well as property and cash.

John Anderson explains: "The Fund is all about gaining more financial freedom for the College and providing the capital support to drive our own academic agenda. In the past, we were forced to sell some of our 'crown jewels' in order to raise money for College priorities. The new College Fund enables us to retain and develop our best assets so we can support the academic mission without making forced sales."

Success at Yale

The College Fund is modelled on Endowment Funds established by other world-leading universities, notably Yale, whose own fund has increased in value from \$500 million to



\$20 billion over 25 years. This incredible growth – due to significant fundraising and exceptional investment management – is a prime example of what can be achieved in terms of financial self-sufficiency within a generation.

Faculties and departments can invest in the College Fund on one of its quarterly trading days – the next falls on 31 January 2008. All such investments will be included in the Unitised Scheme, in which unrestricted, non-core assets are pooled as a single unitised fund. Investors receive a regular income based on the number of individual units they hold and can track the value of their holding on a quarterly basis.

"The Fund is a vital element of the College's financial strategy," says John Anderson. "Not only does it enable Imperial to pursue its academic mission knowing that it has the appropriate financial backing, but departments and faculties who are able to take a longer term view can invest with reasonable confidence of gaining a good return."

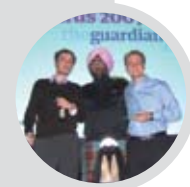
—WENDY RAESIDE, COMMUNICATIONS

► To find out more about the College Fund and how to invest, email John at j.anderson@imperial.ac.uk or visit the Fund's website: www.imperial.ac.uk/collegefund

awards and honours

Accolades for Imperial student media

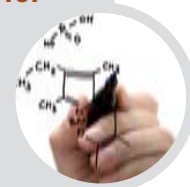
The talents of Imperial's student reporters were recognised last month in the *Guardian's* annual Student Media Awards. *Live!*, run by the City and Guilds College Union, took the prize for best student website and Peter Dominiczak was named best student travel writer for his articles in *Felix* last year. Hear an interview with current *Felix* editor Tom Roberts on the history of student media at Imperial on December's magazine podcast online at www.imperial.ac.uk/media/podcasts.



Natural Sciences best for budding researchers in Europe

Imperial is one of the top four European universities for post-graduate research programmes in biology, chemistry, maths and physics, according to new rankings revealed this month. The tables, produced by the Centre for Higher Education Development in Germany, assess the quality of departments in 20 European countries. Imperial is one of just four universities placed in the 'excellence group' for all four subjects surveyed, and its Department of Physics is the only one to achieve the top mark of four gold medals.

► To read the full story, visit: www.imperial.ac.uk/news



To celebrate Imperial being named the fifth best university in the world in the *Times Higher Education Supplement's*

2007 World University Rankings, staff were invited to indulge in a five course lunch for just £5 on the 5 December. The Rector joined staff and students in the Senior Common Room on the South Kensington Campus to cut a themed cake.



Wrapping up our Centenary year

Throughout 2007, Imperial has been celebrating 100 years of living science – the Centenary of its foundation in 1907. As the year draws to a close, *Reporter* revisits some of the highlights.

The year began with the official Centenary launch on 30 January which saw celebrations across the campuses. Each site was decorated with banners and balloons, there was a slice of birthday cake for everyone and many enjoyed a lunch based on a 1907 menu.

In the evening, 750 people gathered for the Centenary Launch Lecture at which the Rector, Sir Richard Sykes, invited them to look back over Imperial's history.

January's launch day also marked the public launch of Imperial's Centenary fundraising campaign to raise £207 million from philanthropic donations. Almost a year on, the College is well on the way to raising the full amount by July 2010 and will use the funding to provide scholarships for gifted students, contribute to building and refurbishment projects across the campuses, and support the academic mission.

Runners and Riders

In April, PhD student Ben Ryall, ran the London marathon in aid of the Student Opportunities Fund.

Completing the route in just 2 hours and 53 minutes, he raised £25,000.

Continuing the sporting trend, other fundraising activities for the campaign included the Support Services *Runners and Riders*

Benefit Dinner, attracting over 650 guests. The event was one of the biggest of the year, raising over £40,000.

Imperial sporting clubs also hosted the IDEA League Sports Event in June, which saw 100 students from Imperial and our European partner universities competing in a range of sporting activities.

Having a Ball

Another highlight of the special centenary activities undertaken by the student community was the Summer Ball, held on 16 June at the South Kensington Campus. Over 2,500 students, staff and alumni attended and enjoyed live music, a casino, fireworks

display and a fun-fair. There was also a formal dinner served to 500 in a marquee on the Queen's Lawn.

A programme of prestigious Centenary lectures and academic events has run throughout the year, with distinguished speakers including Craig Venter, Lord May, Lord

Winston and James Watson.

Thanking everyone at the College and in the alumni community for making the Centenary celebrations such an enormous success, the Rector shared one of his experiences of the year: "One event that sticks in my mind as a real peak of the Centenary celebrations is the Centenary staff party. One of the aims of the Centenary year from its outset was to help build a stronger sense of community at the College – and the party at South Kensington certainly did that!"

Royal seal of approval

The celebration of Imperial's actual 100th birthday in July was marked with a special ceremony in the presence of Her Majesty The Queen and His Royal Highness The Duke

of Edinburgh who opened the Institute of Biomedical Engineering, before taking part in an honorary graduation ceremony that celebrated both the Centenary and Imperial's newly granted independence as a university in its own right.

Fiona Kirk, Director of Development, explained how Imperial's alumni have celebrated

the Centenary both here at the College and all around the world. She said: "Nearly 900 alumni and

guests travelled to South Kensington from as far as Venezuela, South Africa and Australia to join our Centenary alumni reunion in September.

Our international alumni groups have also hosted events around the world for our global community.

Special reunion dinners and events have taken place in Australia, Hong Kong, Singapore, India, Malaysia, Thailand, the USA and across Europe."

—ALEXANDRA PLATT, COMMUNICATIONS

"Events have taken place in Australia, Hong Kong, Singapore, India, Malaysia, Thailand, the USA and across Europe"

"One of the aims of the Centenary year from its outset was to help build a stronger sense of community at the College"



A year in review

Clockwise from top: Staff at Northwick Park Campus enjoying cake at the launch. The Rector pulls a pint of Centenary ale. PhD student Ben Ryall pounds London's streets during the Marathon. Dr Hannah Gay celebrates the launch of her history of Imperial. Students enjoy the food at the Summer Ball. Her Majesty The Queen speaking on Imperial's 100th birthday. The bands that got people dancing at the Centenary staff party. Old friends meeting again during the Centenary alumni reunion. Lord May, just one of the distinguished speakers who gave prestigious Centenary lectures during the year.



JANUARY



MARCH



APRIL



MAY



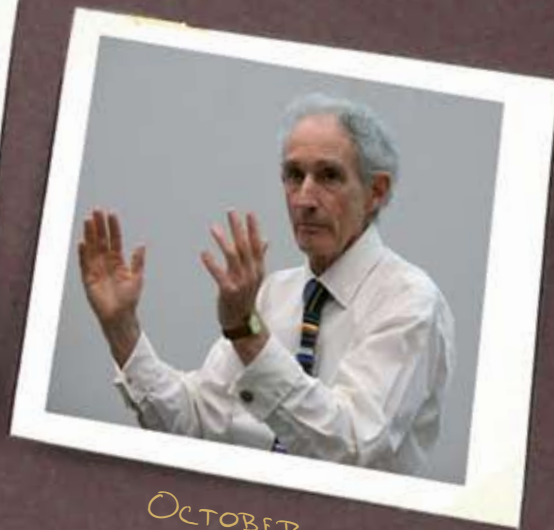
JUNE



JULY



SEPTEMBER



OCTOBER

A YEAR IT'S BEEN!

► A FILM OF ALL THE HIGHLIGHTS OF THE CENTENARY YEAR IS COMING SOON, VISIT: www.imperial.ac.uk/centenary

Imperial College hosts Asia Convocation in Singapore

Strong links between Imperial and Asia were celebrated on 30 December with a special graduation ceremony at Singapore's University Cultural Centre.

The one-off event, held to mark the Centenary year, offered a rare opportunity for students to graduate outside the UK. Fifty nine graduands attended the Asia Convocation with their guests from around the world who had travelled from countries including Australia, Ghana, Greece, Hong Kong, Indonesia, Malaysia, the Netherlands, Thailand, and the UK. Imperial is currently home to around 2,500 students from countries across Asia.

Tour of Asia

The ceremony was part of a 10-day tour of Asia by the Rector and other senior figures from the College which included stops in Malaysia, Singapore, Thailand and India.

Sir Richard and his team met alumni associations in Asia and explored the progress of research collaborations established between Asian institutions and the College.

The Rector said: "As Imperial's Centenary year draws to a close, I am delighted to be visiting this region, which has a great appetite for science, technology and medicine that we at Imperial share wholeheartedly."

He added that he hoped that the tour would express to Imperial's many Asian students and graduates how much the College appreciates their

contributions and he welcomed the opportunity to visit collaborators across Asia, with whom Imperial carries out such exciting and important research.

The visit included dinners with the alumni associations of Malaysia, Singapore and Thailand, and lectures by Sir Richard at the British High Commission in Kuala Lumpur and Singapore.

It also incorporated the launch of the Rajiv Gandhi Centre for Innovation

and Entrepreneurship in Mumbai on the 3 December (see page two for more details).

— NAOMI WESTON, COMMUNICATIONS



Singapore Honorary Graduates

Five honorary degrees were awarded during the ceremony. Recognised were key Asian figures who have been judged to be people of conspicuous merit, outstanding in their field or who have given exceptional service to the university.

Congratulating the new honorary graduates and commenting on their success, the Rector said: "All are giants in the world of business and use their influence to advance science and technology, by supporting research and generously providing funding for the next generation of students."



From left to right:

Philip Yeo

Philip Yeo has played a key role in building Singapore's economic success across industries including semiconductors, aerospace and speciality chemicals. He is currently Chairman of SPRING Singapore, the Standards, Productivity and Innovation Board, and a special government advisor. In 2006, he was the first Singaporean to receive the Alumni Achievement Award from Harvard Business School.

Walter Kwok

Walter Kwok is Chairman and Chief Executive of Sung Hung Kai Properties, Hong Kong's largest property group. With his brothers, he runs the SHKP Kwoks' Foundation which is committed to cultivating talent and building a strong China. The Foundation is funding postgraduate scholarships at Imperial, where Walter studied civil engineering in the 1970s.

Dr The Honourable Sir David Li Kwok-po

Sir David, who studied mathematics at Imperial, is Chairman and Chief Executive of the Bank of East Asia, the largest

independent local bank in Hong Kong. He is a member of the region's Executive and Legislative Councils. Sir David was knighted in 2005 for services to British education. He is Pro-Chancellor of the University of Hong Kong.

Dr Richard Lee

Dr Richard Lee, Chairman of TAL Apparel, holds a PhD in chemical engineering from Imperial and connections with the College extend across his family. One of Dr Lee's sons is an electrical engineering graduate, another is a lecturer in condensed matter theory and his cousin is Chairman of the Hong Kong Alumni Association. The family's Lee Scholarships, created in 2003, are helping Chinese postgraduates study at Imperial.

The Honourable Sir Michael Kadoorie

Sir Michael is a key figure in Asian business. He is Chairman of CLP Holdings Limited, which provides electricity to 75 per cent of Hong Kong. His family are also well known philanthropists and Sir Michael received a knighthood in 2005 for his charitable work in the UK and overseas.



A double celebration

Husband and wife Celestin and Rose Mutabaruka both graduated in Singapore to celebrate the end of their PhDs. From East Africa, the couple who studied together in the Department of Agricultural Sciences at Wye Campus also graduated in the Royal Albert Hall in May.

Celestin said: "The ceremony here was a lot less hectic and more relaxed. It was great having the opportunity of chatting to the Rector on stage too. We decided to attend both ceremonies because we have worked so hard on our PhDs and wanted to see what a graduation ceremony abroad would be like. We didn't realise how many students the College has from Asia."

Spotlight on **Health and Safety**

New College Safety Management System



A new Safety Management System (SMS) is being introduced across the College, which emphasises the role of managers in implementing safety measures within their area of responsibility. The system is based on the Health and Safety Executive publication *Successful Health and Safety Management*. The key elements of the new system are: policy, organisation, planning and implementation, measuring and reviewing performance and audit.

Ian Gillett, the College's Safety Director, has been visiting Heads of Department to inform them of the new SMS and highlight their responsibilities in promoting an enhanced health and safety culture around the College, and, in particular, the importance of carrying out risk assessments. He said: "A promotional campaign for the new SMS is being developed based on the message 'Imperial College cares about safety'. We are also launching the ICARE campaign which stands for Control the situation, Assess the hazards, Reduce the risks, Educate staff and students".

► A revised Health and Safety Policy Statement has been approved by the College Management Board and this can be found, together with detailed roles and responsibilities for all key duty holders, on the College Safety website: www.imperial.ac.uk/safety.

New safety induction procedures

As part of the new College Safety Management System, revised procedures for the safety induction of new staff are being introduced from the beginning of January. Managers will need to go through a checklist covering first aid arrangements, emergency procedures and incident reporting arrangements. New staff will need to take a signed copy of the checklist to Security to obtain their swipe card. Further information is being sent out to Heads of Department in the near future. If you are responsible for a new member of staff who is joining the College in January, now is the time to check that you have all the information available.

► The new induction information will be available to download soon from: www.imperial.ac.uk/safety/formsandchecklists

Rector's award for excellence in health and safety 2007

This annual competition, which demonstrates the College's commitment to health and safety, is open to all staff below professorial level or the equivalent (Level E/7). The main award carries a prize of £2,000 and there will be up to two commendation prizes of £500.

The main criterion for the award is that candidates must be able to demonstrate that they have made a major contribution to the management, development or practice of health and safety in the College during the previous academic year.

Nominations, which may include self-nominations, can be made by any member of the College, as well as NHS staff from associated hospitals. However, since the Rector's Award is an Imperial scheme, either a member of College staff should lead the group being nominated, or College staff should be in the majority. The nomination should also be for a contribution of direct relevance to the work of the College.

Nominations will be considered by a panel of adjudicators

appointed by the Rector.

Chris Gosling, Director of Human Resources, said: "As one of the judges of this award for the last few years, I have been surprised and delighted by the quality of the submissions. It is very encouraging to see the efforts of colleagues who

in some cases have done nothing less than transform the safety culture of their departments and divisions. It is always difficult to identify the winners but we tend to look for those who have

gone the extra mile in their striving for safety excellence. I am sure that the judging team will not be disappointed this year."

The closing date for awards for contributions to health and safety made in the academic year 1 August 2006–31 July 2007 is 4 January 2008. Nominations must be received by the Director of HR at Room 3.17, Level 3 Faculty Building, South Kensington Campus by the closing date.

► For more information, visit: www.imperial.ac.uk/hr/workingatimperial/awards/healthsafety

"It is always difficult to identify the winners but we tend to look for those who have gone the extra mile"



Professor John Wood, Principal of the Faculty of Engineering, has taken over from Professor Steve Smith, Principal of the Faculty of Medicine and Chief Executive of the Imperial College Healthcare NHS Trust, as the College Safety Champion. At the recent meeting of the Safety, Health and Radiation Users' Group, Professor Wood (pictured here with HSE Inspector, Zameer Bhunnoo, left) spoke about his new role and the importance he places on health and safety as an integral part of the College's management structure. He stressed the need for risk

assessment and audit to be key processes undertaken across the College. In his previous role, as Chief Executive of the Council for the Central Research Laboratories of the Research Councils, Professor Wood introduced major changes in safety management, and said that he looks forward to doing the same at Imperial. He intends to visit departments in the coming months to ask researchers about the safety of their work.

inventors corner

Professor Klug shares his hopes that the future will lead to more collaboration between pharmaceutical companies and Imperial.



Professor David Klug is chair of the Chemical Biology Centre (CBC), which supports molecular teaching and research at Imperial, the Institute for Cancer Research and the London Research Institute of Cancer Research UK. He also chairs the £5 million multidisciplinary Single Cell Proteomics Project.

Professor Klug joined the College 20 years ago as a postdoctoral fellow in biochemistry and chemistry. In 1999 he founded one of the College's first spin-out companies with two Imperial colleagues. The laser technology company, Powerlase Ltd, is now a market leader in the field of high-power lasers and supplies the technology to around 60 per cent of the plasma television market. This year it was ranked the twenty-first fastest growing technology company in the UK in *The Sunday Times* Microsoft Tech Track 100 Rankings.

A recent initiative that Professor Klug has been involved with is the creation of Chembecell Ltd, an early stage company developing a screening technology for use in drug discovery which will make the selection of drug candidates more effective. He discussed his experiences of commercialisation at the College: "Commercialisation barely existed when I joined Imperial. It was not considered a serious activity." However, he believes that there was a change in ethos when Powerlase was set up.

Professor Klug is proud of the success of Powerlase which shows how technology from Imperial can be transferred successfully into a commercial reality: "It started as an idea that was designed, developed and prototyped at the College and is now sold to companies internationally," he said.

The development of Chembecell came out of a non-specific binding project between the CBC and GlaxoSmithKline (GSK), a partnership which Professor Klug feels is an "example of things to come".

He believes that the number of constructive two-way relationships formed between universities and pharmaceutical companies for research and product development is on the increase. He highlighted that: the commercialisation of findings from the Single Cell Proteomics Project emerged from CBC's network of connections with the pharmaceutical industry and has led to big projects. Another example of this culture change, he said, was the contribution to studentships at the CBC by Pfizer, AstraZeneca and GSK.

Professor Klug hopes that in the future there will be more collaboration between pharmaceutical companies and Imperial: "In the UK we are lucky to have world class representation on our doorstep," he said. "For the long-term health of pharma we need to have more collaboration."

—MICHELLE COTTERILL, IMPERIAL INNOVATIONS

► *Imperial Innovations may be able to help you find an alternative commercial application for your research. For further information, please visit www.imperialinnovations.co.uk or contact the technology transfer team on 020 7581 4949.*



SHAG week

► Positively Red Sexual Health and Guidance (SHAG) was the theme of Imperial College Union's sexual health and AIDS awareness week, held from 26 November until 1 December. The week coincided with World AIDS Day on 1 December and as well as forming an AIDS awareness red ribbon on Dalby Court, students took part in a number of events around the College's campuses to increase awareness of sexually transmitted infections and to raise money for various AIDS charities. Stalls were set up on South Kensington's Sherfield walkway and in the Sir Alexander Fleming Building selling T-shirts and ribbons and giving out free 'SHAG bags' containing sexual health goodies. In addition, Boots, the chemist, gave out free Chlamydia tests on campus, and students had the opportunity to volunteer for Sexpression, an educational charity for young people.



Can reindeer fly?

Students from London schools were invited to consider the origins of the festive holiday at the annual Christmas demonstration lecture held at the College on 6 December.

Roger Highfield, Science Editor of *The Daily Telegraph*, gave a lighthearted and unusual perspective on the Christmas story, exploring theories about what the star of Bethlehem actually was, whether it will be a white Christmas this year and whether or not Santa Claus really could have flying reindeer.

—NAOMI WESTON,
COMMUNICATIONS

► To watch the lecture online, visit: www3.imperial.ac.uk/college/media/onlinelectures



Dual lives



In this new, occasional feature, *Reporter* will highlight members of staff who lead extraordinary lives outside of their role at the College. This edition features Dr Hassan Abdulrazzak (SORA) whose critically acclaimed first play, *Baghdad Wedding*, was recently nominated for an *Evening Standard* Award. The play, which had a run at the Soho Theatre earlier this year, is set against a backdrop of London and war-torn Baghdad and sees three friends grapple with their sexual, cultural and political identity.

What does your role at the College involve?

Until recently I was working in Professor Nicholas Fisk's group at the Institute of Reproductive and Developmental Biology on the Hammersmith Campus. We were involved in research into the genetic modification of human stem cells, which is useful for coupling gene therapy and stem cell therapy.

Is *Baghdad Wedding* the first play that you have written?

Yes, but the writing of fiction has been a lifetime hobby of mine. As a child I wrote short stories in Arabic then switched to English in my late teens. Also, in order to support myself as student, I used to occasionally write articles in English about a range

of subjects from the Ebola virus to the poetry of Ted Hughes, which were translated into Arabic and published in the daily Arabic newspaper *Al-Hayat*.

How long have you been writing?

I have no formal education in English literature or drama, not so much as a GCSE in fact. However, I do go to the theatre regularly and have been doing so for the past 15 years. I suppose something about form and structure must have sunk in. As for the subject matter of the play – namely Iraq – well, I've had a lifetime to think about that. It is the birthplace of my parents and where I spent a good portion of my childhood.

How did you feel when it was nominated for the *Evening Standard* award?

Extremely pleased, of course. Although I have to say, I experienced more of a thrill when the first crop of positive reviews began to appear. I really had no idea how critics would react to the play.

How does it feel to be doing such different things in your work and personal life? Are there any parallels between the two?

Both activities involve problem solving and they complement each other surprisingly well. Designing an experiment and writing a scene in a play have definite parallels. You start with some basic ingredients – for example, two characters in a room, or a set of DNA probes and some cells fixed to a slide. As you write the play, your characters start talking about something. You know beforehand what the subject is, but until you set the

words down on the page, you won't know exactly what they are going to say. Likewise, in the experiment, you know the potential range of outcomes, but you can't fully predict them. After the scene is written or the experimental results are analysed, you ask yourself, 'did I get what I was expecting or something else, something more interesting perhaps?'

What's next for your play and your writing?

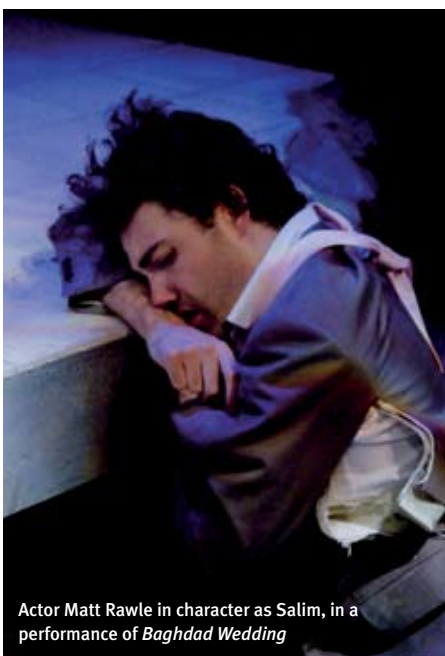
Baghdad Wedding could turn out to be the beginning and the end of my 'writing career'. If I do write something else then it will also be in the spirit of pursuing an enjoyable childhood hobby. It would be foolish to take it more seriously than that.



Praise for *Baghdad Wedding*:

"The Prime Minister and his cabinet should take a brief course in political illumination. They should go to see *Baghdad Wedding*. Hot theatre."
Nicholas de Jongh, *Evening Standard*

If you know anyone with an interesting dual life, email the Editor:
a.platt@imperial.ac.uk



Actor Matt Rawle in character as Salim, in a performance of *Baghdad Wedding*

Staff development news

College Teaching Development and Research Grants: 2008–09

January meeting announced

The Centre for Educational Development is holding a lunchtime launch meeting for the Teaching Development and Teaching Research Grant Schemes on 23 January.

All staff wishing to apply for grants for the academic year 2008–09 are invited to attend. To book a place, contact: edudevcourses@imperial.ac.uk.

Teaching Development Grants are awarded for developing and producing materials, and for changing courses. Teaching Research Grants are for investigating education questions relating to teaching and learning.

The deadline for grant applications is 14 March. Further information is available at: www.imperial.ac.uk/edudev/fundingopportunities/teachingdevelopmentandteachingresearchgrants

celebrating long service



20 years



Dr Rodney Eastwood, College Secretary

Dr Rodney Eastwood joined Imperial just over 20 years ago. It was a short move for him from the Natural History Museum where he'd been employed for the previous 13 years. He explained: "My last job there was Assistant to the Director and it was essentially a planning job. In fact I drafted the first corporate plan for the museum. I'd always been aware of our neighbours, including Imperial, and knew it had a very good reputation. When I was ready to look for something new, it seemed perfect." Dr Eastwood joined Imperial as Planning Officer. Over the years the Strategy and Planning team has steadily grown under Dr Eastwood's guidance, seeing him appointed Director of Planning and Management Information Services in 1988 and Director of Strategy and Planning in 2002, a post he held until this year when he was appointed as College Secretary.

One highlight of Dr Eastwood's Imperial career was negotiating the mergers of the medical schools in the 1990s. He explained: "I've always been very lucky to work with first rate teams of people and it was no different during this stage of my career. The process of implementing the mergers and seeing the academic benefits was extremely satisfying." Reflecting on what has changed at the College over the years, Dr Eastwood said: "The pace and intensity of work has changed, although it has never been slow here. I think improved methods of communication are the reason. The other change is financial stability of the College which has also improved dramatically."



Mr Ian Gillett, Safety Director, Health and Safety Services

Ian Gillett is an alumnus of Imperial, having studied at the College from 1971–78, starting off in the Chemistry Department and ending up in the Department of Materials. He was elected President of the College Chemical Society in 1974.

He explained: "By default I became the undergraduate representative on the Departmental Safety Committee, so that's where it all started. I went on to become the student representative on the College Safety Council (as it was then known) from 1976 to 1978. At the end of my last meeting the Council wished me well in my future career—little did they know, I'd be back!" Ian later joined the College as a member of staff as Assistant Safety Director, arriving from his previous job with the Health and Safety Executive where he had been a Specialist Inspector in Occupational Hygiene. In 1990 he was appointed as Safety Director and since then the Safety Department has grown along with the rest of the College and he now leads a team of 14 staff, some of whom are specialist advisors on biological and radiation safety, while others deal with more general safety matters. Over the last 20 years, Ian feels that the main changes have been the mergers with the other institutions, particularly the medical schools, and the expansion of health and safety legislation. He said: "When I first came to the College there was little more than the Health and Safety at Work Act to deal with; now we have regulations on all sorts of matters, ranging from work equipment to hazardous substances." Asked what has kept him at the College, Ian said: "The variety of the work, the challenges that it brings, and the people. I am proud to be part of one of the top universities in the world."

Clarifications and corrections

Please note that the link included in the article *Transferable skills for postdocs* on page 2 of the last edition of Reporter should have read: www.imperial.ac.uk/staffdevelopment/postdocs

Whiteley Suite opens in RSC1

Level 1 of RSC1 is home to the new Whiteley Suite, a set of five rooms designed to be used for teaching, conferences and meetings.

The suite, built as a result of a review of areas throughout the College that were being under-used or not utilised to their full potential, offers flexible layout with a folding partition that can be opened to create a larger space.

The rooms vary in capacity with the largest offering space for 35 individuals. New toilet facilities and a rest area with basic kitchen facilities have also been installed.

The rooms have been furnished with a mixture of individual and larger desks which can be easily moved or collapsed depending on the layout required. There is also audio visual equipment in each room including a remotely controlled projector, ceiling speakers and connection points for PC/laptops to assist with teaching and presentations.

► The suite is available to book now, visit: www.imperial.ac.uk/conferences

welcome new starters

Mr Omer Abdelrahman, EEE
Dr Kamran Ahmed, SORA
Dr Antony Aleksiev, Faculty of Medicine
Dr Fatin Altuhafi, Civil and Environmental Engineering
Mr Rudi Ball, Computing
Dr Francois Balloux, EPHPC
Mr Barry Bennett, Kennedy Institute
Mr Chaene Bibiano, Catering Services
Mr David Boyle, Faculty of Medicine
Miss Hema Bye-A-Jee, NMH
Dr Daniele Casagrande, EEE
Ms Meenaxi Chavda, SORA
Miss Karina Corware, Investigative Science
Ms Angela Dickson, Humanities
Dr Lotte Dinesen, Medicine
Ms Pei Ding, EEE
Miss Nicola Donaldson, Health and Safety Services
Miss Karolina Duda, Catering Services
Ms Teresa Edwards, EPHPC
Ms Rosemary Evans, Library Services
Mr Avgoustinos Filippoupolitis, EEE
Dr Savvas Georgiades, Chemistry
Miss Debs Greek, Physics
Mr Jamie Griffin, EPHPC
Ms Nasret Harun, Medicine
Mr David Hill, Library Services
Ms Sarah Howland, Registry
Dr Frank Hughes, EEE
Miss Kathryn Johnson, SORA
Mr Michael Kalaitzakis, NMH
Dr Sahir Khurshid, SORA
Dr Hans Lang, Medicine
Mr Wei Li, EEE
Miss Nicola Lloyd, EPHPC
Mr Douglas Lopes, NMH
Dr Jean-Martial Mari, Bioengineering
Mr Andrew McLean, ICT
Dr Mathieu Mevel, Chemistry
Dr Simon Michaelis, Chemistry
Mr Miguel Miranda, NHLI
Dr Kamal Nagpal, SORA
Miss Katarzyna Oberc, Molecular Biosciences
Ms Isobel Okoye, Medicine
Miss Henrietta Okwara, Physics
Mr Stuart Orr, Catering Services
Ms Magdalena Pacholska, Library Services
Mr Mark Perry, NHLI

Ms Claire Rees, Registry
Dr Nikos Savva, Chemical Engineering
Miss Keira Skolimowska, Medicine
Miss Lisa-Marie Smith, EYEC
Ms Katarina Soltesova, Centre for Environmental Policy
Ms Julianna Stylianou, Investigative Science
Dr Tricia Tan, Investigative Science
Mr Andres Tello Gracia, Catering Services
Miss Nicola Thomas, NHLI
Dr David Thornley, Computing
Miss Maeve Troy, Faculty of Medicine
Ms Carmen Tsang, EPHPC
Dr Ivelin Valkov, Materials
Miss Gudrun Von Scheven, Cell & Molecular Biology
Mr Nick Walters, Materials
Mr Yili Xia, EEE
Dr Ming Yu, Medicine
Dr Constanze Zeller, SORA

farewell moving on

Ms Evelyn Alfaro Sanchez, Student Residences (5 years)
Miss Jacquie Allix, Graduate Schools
Miss Lisa Armstrong, Student Residences
Mrs Feruza Asatullaeva, Catering Services
Ms Theresa Ball, Faculty of Medicine
Ms Julia Barkans, NHLI (19 years)
Mr Robert Barro, SORA
Miss Vivienne Basulto-Rodriguez, Medicine
Mr Andrew Blaza, Centre for Environmental Policy (11 years)
Mr Oleksandr Bolgar, Catering Services
Dr Jan Brackow, Chemistry
Dr Eric Buchlin, Physics
Dr Audrey Chavey, Medicine
Mr Anderson Ciszewski, Catering Services
Mr John Cooper, Faculty of Medicine
Dr Jean-Charles Delvenne, Institute for Mathematical Sciences
Miss Angela Devlin-Jolliffe, Medicine
Dr Miguel Esteban, Medicine
Mrs Adele Etwaroo, Investigative Science
Ms Monica Fuller, Faculty of Medicine (8 years)
Miss Louisa Gnatiuc, NHLI
Dr Nicole Goh, NHLI (6 years)
Dr Arantazu Gonzalez Campo, Chemistry
Mr Roy Harris, Investigative Science
Mr Gavin Harrison, Tanaka Business School
Dr Martin Howard, Mathematics (5 years)

Dr Robert Hughes, Investigative Science
Miss Charlene John, Sport and Leisure Services
Mr Richard Jones, ICT
Dr Piotr Juszcak, Mathematics
Mr Matti Juvonen, Computing
Mrs Jennifer Lawton, Medicine
Dr Ning Li, Aeronautics
Dr Megan Maher, Molecular Biosciences
Mr John Manzi, NHLI
Mrs Sabin Masud, Tanaka Business School
Dr Maria Mayan Santos, Medicine
Professor Francesco Muntoni, Medicine (14 years)
Ms Yvonne Paterson, SORA
Dr Jonathan Plumridge, Physics
Dr Simon Podmore, Educational Quality Office
Dr Seonaid Pye, Investigative Science
Mr Fernando Rainho de Oliveira, Catering Services
Mrs Susan Randall, NMH
Mr Odwa Salama, Catering Services
Dr John Shrimpton, Mechanical Engineering (9 years)
Mrs Julie Talbot, Faculty of Natural Sciences
Dr Fabrizio Tessicini, Aeronautics
Dr Hai Tran, Medicine
Mr Nasif Uddin, Faculty of Natural Sciences
Mrs Anne Valentine, SORA
Dr Rajani Vangala, Investigative Science
Dr Valerie Vince, NMH
Ms Vicky Vuong, EYEC
Professor George Weiss, EEE (9 years)
Miss Julia Zanghieri, Development & Corporate Affairs
Dr Bin Zhao, Biology

retirements

Ms Odile Rimbart, Humanities (5 years)
Mr Jim Wright, Materials (43 years)

This data is supplied by HR and covers the period 11 November–1 December. It was correct at the time of going to press. Years of service are given where an individual has been a member of College staff for over five years. Asterisk (*) indicates where an individual will continue to play an active role in College life.

 Please send your images and/or brief comments about new starters, leavers and retirees to the Editor, a.platt@imperial.ac.uk who reserves the right to edit or amend these as necessary.

moving in. moving on.



Imperial Fun Fact

- The first Christmas card

Sir Henry Cole was a man of many interests. He was instrumental in establishing the Royal Commission for the Great Exhibition of 1851, with Prince Albert, who was its President. Sir Henry advised on the use of the profits and supported the development of land in the area where Imperial's South Kensington Campus stands today.



In the early nineteenth century it was common practice to hand write seasonal messages on calling cards or in letters. In 1843, in order to save himself having to hand-write dozens of Christmas messages, Sir Henry Cole had his friend, John Calcott Horsley, design and print a batch of cards.

The words printed on the card were 'A Merry Christmas and a Happy New Year' much the same is still found in cards today.

Cole's card was about the size of an ordinary postcard. Trellis work and garlands of ivy create a rustic frame. The oblong side-pieces depict the charitable acts of clothing the naked and feeding the hungry, whilst the middle part shows a happy family gathering, drinking a toast to Christmas and the New Year, inviting us to join in. One thousand copies were published by Joseph Cundall, the mid 19th century children's and illustrations publisher, and sold at Felix Summerly's Home Treasury Office in Old Bond Street, England for one shilling each in 1843.

For more information about Sir Henry Cole and to learn more about Imperial's history, visit: www.imperial.ac.uk/centenary

classifieds

Car for sale: VW Golf 1.8GL Automatic (P Reg), 34,000 miles, metallic black, non-smoking owner. Comes with electric windows, air conditioning, sun-roof, power steering, CD/MP3 radio, engine immobiliser, central locking. Full service history. Very well looked after (kept in garage at night) and great runner. MOT until July 2008, TAX until end Jan 2008. £3,250.00. Please contact Beth Elzer at b.elzer@imperial.ac.uk.

To place a classified Reporter includes a regular classifieds section. Please submit no more than 50 words to the Editor, Alexandra Platt, by email at a.platt@imperial.ac.uk for a chance for your advertisement to appear. The Editor reserves the right to edit advertisements as necessary.

volunteering

Headline

Project:	Secretary
Project ID:	1857
Organisation:	Pimlico Toy Library
Date(s):	Ongoing
Time:	Two hour meeting once a quarter, plus two hours a month to prepare and distribute information
Location:	Post based at volunteer's home and at the Pimlico Toy Library

Volunteers are needed to use and develop their skills to benefit a small registered charity in its 22nd year of supporting local families with children aged 0-11 years. The Pimlico Toy Library provides a wide range of toys and books to aid children's development. The role of secretary is to support the chair by ensuring the smooth functioning of the board. The volunteer will need to ensure that the organisation complies with its governing document, charity law, and any other relevant legislation or regulations. Volunteers will also need to ensure that the organisation pursues its objectives, and offer effective and efficient administration including the circulation of agendas and supporting papers in good time for the committee meetings. Knowledge or experience of business and committee procedures and minute-taking would be an advantage.



For more information

To take part in a scheme or to hear more about volunteering in general, contact:

- 020 7594 8141
- volunteering@imperial.ac.uk

For full details of over 250 volunteering opportunities visit: www.imperial.ac.uk/volunteering

Subscribe to the weekly newsletter by emailing: volunteering@imperial.ac.uk

Take note

Stay warm and well this winter

As it's getting colder many people will be using gas fires and central heating within their homes. Carbon Monoxide (CO) is produced by the incomplete combustion of the fossil fuels, including gas, oil, coal and wood which are used in boilers, engines, oil burners, gas fires, water heaters, solid fuel appliances and open fires. Dangerous amounts of CO can accumulate when, as a result of poor installation, poor maintenance or failure or damage to an appliance in service, the fuel is not burned properly, or when rooms are poorly ventilated and the CO is unable to escape. Early symptoms of carbon monoxide poisoning, such as headaches, nausea, and fatigue, are often mistaken for the flu because the deadly gas goes undetected in a home. Prolonged exposure can lead to brain damage and even death. Having no smell, taste or colour, in today's world of improved insulation and double glazing, it has become increasingly important to have good ventilation, maintain all appliances regularly and install MO detectors in your home. For more information, visit: www.carbonmonoxidekills.com



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