



Supporting a healthy outcome

**A key step forward for UK's first
Academic Health Science Centre**

CENTRE PAGES



**EARLY YEARS GROWS
UP!**

44 new places for
Imperial children

PAGE 3



DARLING PAYS A CALL
Secretary of State for
Trade and Industry visits
Imperial

PAGE 5

100 years of living science

100

in brief

One for all and all for one!

Imperial as One, the College's black and minority ethnic race equality advisory group, was established in 2005 with the aim of promoting good race relations and supporting good practice throughout the organisation. All staff are welcome to join. If you are interested in being involved or wish to receive further details, register your interest at imperialasone@imperial.ac.uk. Or why not have a taste of a paradise island by going along to their themed 'Splash' party this Friday 23 March? A buffet and entertainment will be provided. Contact Clive Mendes on 020 7585 7809 to order your tickets.



Research grant on the up

Imperial's total recurrent grant for teaching and research will increase by 5.1 per cent in 2007-08, which is two per cent more than the sector average. The news was released by the Higher Education Funding Council for England at the beginning of March as part of the overall funding allocation for higher education of £7,137 million. The College has particularly benefited from the introduction of a business research element, which rewards the research income received from UK industry, commerce and public corporations, receiving 10.6 per cent of this funding, the highest proportion among English higher education institutions.

Red Nose Day

The College raised £934.03 for Red Nose Day this year on 16 March. Senior staff donated prizes for a Red Tombola where each prize was, rather unsurprisingly, red! Support from Catering in organising internal catering suppliers to donate scones and sandwiches for sales of afternoon tea went a big way towards helping to raise the money.

Party Time
Save the Date

Wednesday 11 July 2007
14.00-20.00

Centenary Staff Party at South Kensington



All staff invited to share the birthday celebrations. Look for more information coming soon...

Imperial College
London

100 years of living science

100

Sponsor Ben
Support the Student Opportunities Fund

London Marathon

Running for Opportunity



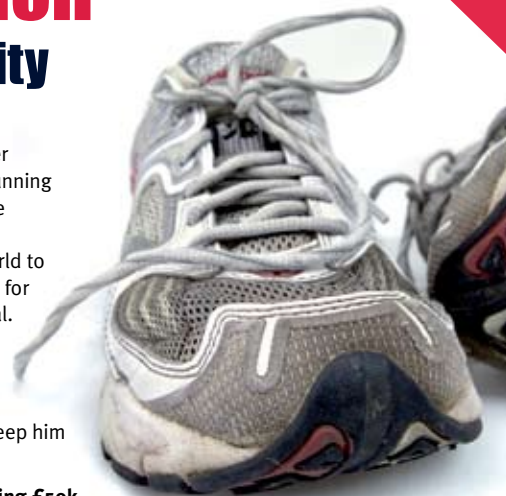
Ben Ryall is Imperial College's first ever London Marathon runner. He will be running **Sunday 22 April** to raise money for the Student Opportunities Fund. The Fund enables students from all over the world to receive a scholarship to support them for the duration of their course at Imperial.

Established in 2003, the Student Opportunities Fund has awarded 60 scholarships.

Visit Ben's website to keep track of his weekly blog and training diary, see photos of Ben's training, and keep him on his toes by sending him good luck messages.

Support Ben to the finish line and to the goal of raising £50k for Imperial students — sponsor Ben today!

www.imperial.ac.uk/alumni/marathon2007



Making trade fair

'Change today, choose Fairtrade' was the message of Fairtrade Fortnight which ran from 26 February to 11 March. Imperial was keen to engage with the Fairtrade Foundation's vision of an even bigger movement for positive change on unfair trade, and ran several events to underpin its new year resolution to achieve Fairtrade status by the end of 2007.

Peros, the UK's leading independent Fairtrade coffee supply company, invited Nicaraguan coffee growers to the College to address an enthusiastic student audience about their experiences of life before and after their produce began to be traded fairly. In conjunction, a coffee morning supported by Peros was held in the Main Dining Hall Ante Room, offering free samples of Fairtrade drinks and foods.

Jane Neary, Head of

Catering, said: "I know a lot of our customers believe in fair trade and we have a responsibility to reflect that in the products available to them." Jane's team and a team from Imperial College Union headed by Kirsty Patterson have formed a Fairtrade steering group and are working hard towards October accreditation. She explained: "We know the

College has embraced the idea. For example, in October 2006 we sold 3,500 ancillary Fairtrade products and in January this year the figure had risen to 15,000."

Currently all tea and coffee sold at the College's outlets and served at meetings is Fairtrade, and muffins and flapjacks are being introduced.

— ALEX PLATT,
COMMUNICATIONS

► Visit www.fairtrade.org.uk for more information.



Early Years Centre grows up

The Imperial College Early Years Education Centre (EYEC) is undergoing major refurbishment work to expand from two to three floors of 8 Prince's Gardens. The new-look EYEC will be able to accommodate 110 children and babies aged between six months and five years old, a jump from its previous capacity of 66 places.

Teresa Moloney, EYEC Manager, is delighted with the expansion and explained how the refurbishment would improve the service provided: "The EYEC is a homely place and we pride ourselves on our personal touch and attention to detail. Now we are spread over three floors, we can adapt the new found space for our needs and move the older children up to floors one and two, freeing up the ground level for the youngest babies."

New children's bathrooms, including low level sinks, on the first and second floors will make this rearrangement possible. The overhaul of the accommodation has also included the introduction of safety

features including perspex on the windows and finger guards on all doors.

The refurbishment comes in response to increasing demand for high quality childcare from working parents. Dr Sophia Yaliraki, a senior lecturer in the Department of Chemistry and the Institute for Mathematical Sciences, uses the Centre to look after her 11-month-old son, Philip, while she is at work five days a week.

"I feel confident that my child is being

taken care of here," explains Dr Yaliraki. "In my opinion it is one of the best childcare facilities in London and it is ideally located with open spaces and a secret garden. If Philip is ever sick, I can easily pick him up straightaway and take him home." She added: "It really helps academics with their work knowing that their children are so close."

The EYEC is divided into three age groups: six months to two years, two to three years and three to five years. There are a number of themed rooms in the centre, including the starlight room, the marine room and the meadow room. The Centre also runs a vacation play scheme for older children.

The waiting list will be significantly reduced as a result of the refurbishments, which will be completed by 2 April.

— NAOMI WESTON, COMMUNICATIONS

► Visit www3.imperial.ac.uk/eyec for more information.



Children enjoying their day at the Early Years Education Centre

Cheers! Centenary Ale launched

Imperial 100, an ale specially brewed to mark the College's Centenary, was launched in the College Union bar last week.

Students and staff, including the Rector, and representatives from Blindman's Brewery in Leighton, Somerset, who brewed the ale, congregated to sample the special Centenary drink. Carol Marsh, Centenary Communications Coordinator, was one of the first to try the ale. She said: "It's delicious, creamy and light and very drinkable."

The Rector was also impressed with the ale and thanked the brewery for making it: "This is a great way to celebrate 100 years of the College," he said.

Stuart Williamson, Trading Manager at the Union, and Will Dugdale, Special Projects Administrator, were responsible for finding the perfect ale for the College's celebratory year. Stuart explained: "We sampled a number of different brews in Somerset and came up with a combination of two or three. We wanted it to appeal to a wide range of people and come up with an ale which was mid range in colour and quite light."

Will originally discovered the brewers on a trip to Bath and said: "We wanted to get the taste right, so students and traditional ale drinkers would both like it. It is unique in its ingredients as it was brewed solely for the College."

The Union bar also served steak and Imperial 100 ale pie on the evening as the ideal accompaniment to the new brew. The Imperial 100 ale will be available at all licensed outlets across the campuses throughout the Centenary year.

— NAOMI WESTON, COMMUNICATIONS



Sir Richard Sykes pulling a pint to celebrate the launch of Imperial 100

media mentions

—NAOMI WESTON, COMMUNICATIONS

THE GUARDIAN ▶ 27 FEBRUARY

Smart scientists needed, says Rector

Promoting science education in schools and training the scientists of tomorrow is a necessity, says Rector Sir Richard Sykes, in an interview to mark Imperial's Centenary. With falling numbers of young people showing an interest in studying science, it is vital to showcase what scientists can achieve, he tells *The Guardian*: "We've got to be making clear to people, a flu pandemic will only be taken care of if we've got some smart people doing research and development. All these big threats, whether it's energy or disease, we need good scientists and technologists to deal with these issues."

IN OUR TIME, BBC RADIO FOUR ▶ 8 MARCH

Five minutes of fame for "masters of the universe"

The history of what Radio Four presenter Melvyn Bragg calls "the invisible masters of the universe" is put under the microscope this month with a programme looking at microbes. These tiny entities, says Andrew Mendelsohn (Natural Sciences), can spread disease but can also be used to cure it, as well as providing us with the fundamentals of life through their key role in breadmaking and brewing. "When most of us ever have to take an antibiotic

for something we think of it as a pill that's come from out of a factory or a pharmaceutical company," he says. "But of course what we're really doing is using microbial relationships for our own purposes."



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www.imperial.ac.uk/aboutimperial/news/newsandpremailservices

THE TIMES ▶ 20 MARCH

No sex for 40 million years? No problem

Microscopic creatures that have not had sex for 40 million years have overturned the theory that animals need to mate to create variety, scientists at Imperial have discovered. A study of the jaw shapes of bdelloid rotifers, combined with genetic data, showed that the tiny animals have diversified under pressure of natural selection and had evolved into distinct species by adapting to differences in their environment. The research, published in *PLoS Biology*, focuses on the study of these aquatic animals that live in watery habitats including ponds, rivers, soils, and on mosses and lichens. Dr Tim Barraclough (Natural Sciences) told *The Times*: "These really are amazing creatures, whose very existence calls into question scientific understanding."

THE GUARDIAN ▶ 5 MARCH

Raising the school leaving age—a cost too far?

Raising the school leaving age to 18 could be a weapon against the lack of education that can draw young people into a life of crime, according to Education Secretary, Alan Johnson. Opponents of the plan, however, claim that the scheme could be a burden on taxpayers without achieving results. "The Treasury has the right analysis of the challenges facing the UK but absolutely the wrong answers," says Professor Nick Bosanquet (Engineering). "Heavy public spending increases have already gone a long way to mortgaging the future of a generation who will have to pay for enlarged public spending, as well as for their own pensions and higher education. Further tax increases will increase the pressure on young people and middle income families without helping the poorest groups."

THE SCOTSMAN ▶ 6 MARCH

Puberty hormone offers hope to infertile women

Scientists from Imperial have discovered that the hormone kisspeptin, which triggers puberty, could offer hope to infertile women. The research suggests that kisspeptin stimulates the release of luteinising hormone (LH) which is important for ovulation. Kisspeptin increased LH concentrations at all stages of the menstrual cycle, but the effect was greatest in the pre-ovulation phase, which is essential for fertility, the researchers showed. Dr Waljit Dhillon, who worked on the study, told *The Scotsman*: "Kisspeptin is a promising new tool for the restoration of normal reproductive function in women with low sex hormone levels."

Insulin and polycystic ovary syndrome link to be explored

Understanding the link between polycystic ovary syndrome (PCOS) and insulin resistance is the aim of a new project announced on 12 March, funded by the charity WellBeing of Women.

It is known that women with PCOS have a three-fold increase in their risk of developing Type 2 diabetes, where the body does not produce enough insulin or cannot use insulin properly. Insulin resistance is an important factor in the condition, which is the most common female hormone disorder. PCOS affects between five and 10 per cent of women and is a major cause of infertility.

The new £97,000 project aims to iden-

tify a defective point on the insulin signalling pathway in women with PCOS. The researchers from Imperial hope this will enable the development of new therapies which target this part of the pathway, to



counter the insulin resistance and the fertility problems that PCOS can cause.

Professor Stephen Franks, SORA, said: "These studies will give us the chance to look directly at the mechanism of insulin resistance at the level of an important target tissue—the ovary. We expect the results of these studies to give us information that will help to devise new and more effective methods of treatment for this very common hormone problem."

— LAURA GALLAGHER, COMMUNICATIONS

▶ Visit www.imperial.ac.uk/news for the full story.

Sibling sex matters for saiga antelopes

Having a twin sister could put male saiga antelopes at a reproductive disadvantage, says new research published in *Proceedings of the Royal Society B: Biological Sciences* on 7 March. The study shows that male twins with a sister are born lighter than those with a brother, making them smaller than the optimal size for males.

The study's results call into question current understanding of the development of male and female foetuses of this species, and give scientists a new insight into the importance of sibling sex and the implications this may have for the animals as they mature.

This study shows that when a female is pregnant with mixed sex twins, the male foetus does not undergo the substantial amount of growth that occurs in a male foetus with a brother, resulting in a sub-optimal birthweight. Saiga males mate with many females and face strong male-male competition during short mating seasons. This means that size matters for males—being smaller than average is one of the major limiting factors for reproductive success.



A female twin can put male saiga antelopes at a disadvantage

Aline Kühl from the Division of Biology, lead author of the paper, explains that although they do not yet understand the precise mechanism behind this suboptimal development in male twins, its existence is clear: "When siblings in a litter vary in sex, the male foetus should grow bigger than the female. However, it seems there

are limitations in the ability of the mother to distinguish between male and female foetuses when there is a mixed twin litter in the womb."

— DANIELLE REEVES, COMMUNICATIONS

► Visit www.imperial.ac.uk/news for the full story.

New international partners for CD4 Initiative

A project developing a quick and cheap test to analyse the immune system of people living with HIV/AIDS announced new partners on 7 March. Five international organisations will be working collaboratively, as part of Imperial's CD4 Initiative funded by an \$8.6 million grant from the Bill and Melinda Gates Foundation, to make this test a reality within the next four years.

The CD4 Initiative aims to develop an easy to use device which can measure the number of T cells possessing CD4 protein (CD4 + T lymphocytes) in a patient's blood. These cells play a central role in orchestrating the immune system, and HIV infection

leads to a progressive reduction in their numbers. Healthcare workers rely on a CD4 + T cell count to make decisions about how patients should be treated and when they should begin antiretroviral therapy.

The Initiative has awarded grants to Beckman Coulter Inc (USA), Macfarlane Burnet Institute (Australia), Cornell University

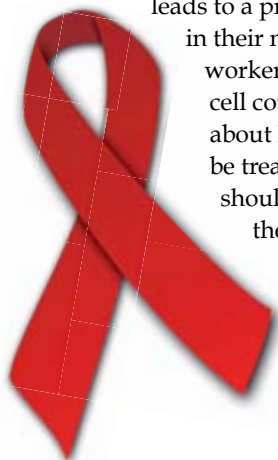
(USA), PATH (USA) and Zyomyx Inc (USA) with the aim that working together will enable the new partners and Imperial to create the much needed device in the shortest possible time.

Many people in countries with limited resources are currently unable to access CD4 testing. The new test, specially designed for use in such countries, will work with finger-

prick blood and have a simple read-out, possibly similar to a home pregnancy test.

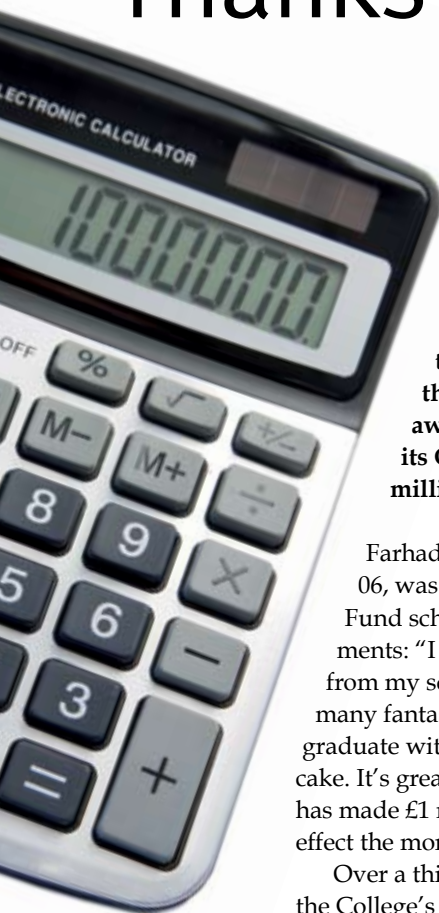
Dr Hans-Georg Batz, Director of the CD4 Initiative from the Division of Medicine, said: "There are 40 million people worldwide living with HIV/AIDS and this test will mean that many will gain access to CD4 testing for the first time."

— LAURA GALLAGHER, COMMUNICATIONS



Secretary of State for Trade and Industry, Alistair Darling (pictured left), visited the College this month to find out about current research on biofuels. Dr Thorsten Hamann, from the Division of Biology, showed him around his lab and explained the work he is doing on the structure of plant cell walls.

Thanks a million!



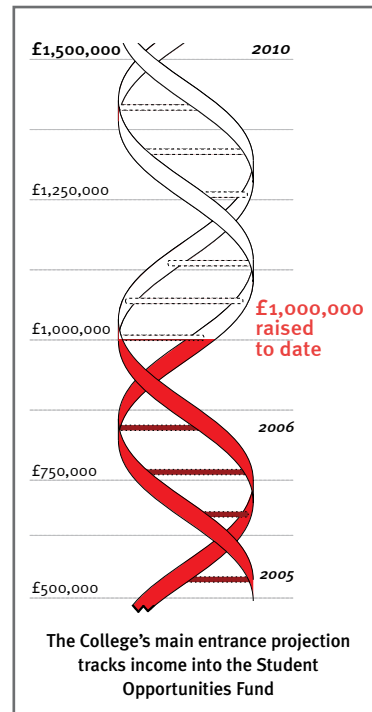
The Student Opportunities Fund was established in 2003 to provide entry scholarships for some of the world's most gifted and deserving students whose financial circumstances could prove a barrier to studying at Imperial. Since that time the Office of Alumni and Development (OAD) has undertaken numerous initiatives to raise money for the fund, and a total of 60 scholarships has been awarded so far. Now, as the College celebrates its Centenary year, the fund has broken the £1 million mark!

Farhad Timuri, who studied bioengineering from 2003-06, was the first undergraduate Student Opportunities Fund scholar to graduate from the College. He comments: "I feel unbelievably privileged to have benefited from my scholarship. My time at Imperial gave me so many fantastic opportunities, and the fact that I was able to graduate with first class Honours really was the icing on the cake. It's great to hear that the Student Opportunities Fund has made £1 million and I know only too well the positive effect the money can have."

Over a third of the first £1 million has been raised through the College's bi-annual telethon campaign. The first telethon took place in February 2003, and since then Imperial students have called thousands of alumni in the UK and mainland Europe to ask them to consider making a gift.

Imperial alumnus David Hindle (MSc Geology 1989) is one of many donors who have contributed through the telethon. He says: "As alumni, our support is vital and has the capacity to change lives. Gifts to the Student Opportunities Fund make an immediate impact on talented students who might not otherwise come to Imperial." Another regular donor is the Rector, Sir Richard Sykes, who has given every year since the Fund was established. He said: "Imperial's students are the lifeblood of the College and the premise behind the Student Opportunities Fund is that it enables the brightest students to study here, regardless of financial considerations. Students like Farhad show that the fund really works, and the level of support generated from alumni, friends and staff means that the fund will continue to support many more like him in the future."

With the first £1 million raised, the work doesn't stop here. Although the OAD will continue with existing activities and initiatives, plans are already underway to take the Student



Imperial's spiderman the next 'science-idol'?

An Imperial postgraduate student with designs on Spiderman's superpowers has reached the final of a national 'science-idol' competition. Nicholas Harrigan, who is studying for a PhD in quantum physics, wowed the judges of this year's NESTA FameLab competition with a three-minute talk on how spiders cling to walls.

NESTA FameLab is an annual competition to find the new voices of science and engineering communication in the UK. Entrants have to deliver an entertaining and informative presentation on a science topic of their choice in front of a Pop Idol-style panel of judges.

Nicholas's talk explained how the thousands of minute hairs on spiders' legs



allow them to stick to vertical surfaces by exploiting the molecular 'pull' between the molecules in the hairs, and the molecules in the wall. He explains that in theory we might one day be able to develop technology to allow humans to scale walls in the same way:

"It would be really exciting if we could build some gloves, covered in tiny hairs, which would allow a person to climb walls like Spiderman," he says. "The thing that stops us being able to do it without special gloves is the irregular surfaces of our skin and of walls, which mean not enough of our skin molecules are close enough to the wall molecules at any one time for the molecular pull to be strong enough."

Nicholas joins the winners of heats from across the country in a grand final taking place on Saturday 9 June at the Cheltenham Science Festival.

— DANIELLE REEVES, COMMUNICATIONS



PhD physics student Nicholas Harrigan is hoping to weave his web over the judges to win this year's NESTA FameLab competition.



Student Opportunities Fund scholar, Tobi Lucas, talks with alumni donors at the annual Student Opportunities Fund donor reception.

Opportunities Fund forward into its next £1 million.

The College has been awarded a place in the 2007 London Marathon and, as well as training hard in the hope of completing the 26.2 mile event in less than three hours, runner Ben Ryall is also busy collecting sponsorship towards the fund from staff, students and alumni (see page three). In May, a special gala dinner in aid of the Student Opportunities Fund will be held at Banqueting House in Whitehall. The event will target a corporate

audience and guests will have the opportunity to meet some of the scholars who have benefited from the fund.

In addition to this, the College has recently unveiled a new way of highlighting the Student Opportunities Fund and thanking its donors through an eye-catching series of projected images in the main entrance on Exhibition Road, which explain how the fund works, detail income to date and display a scrolling list of donors.

— SOPHIE CORCORAN, OFFICE OF ALUMNI AND DEVELOPMENT

Support the Fund

You can see your name added to the College's donor list by visiting www.imperial.ac.uk/alumni/supporting where you can make a direct online donation or sponsor Ben in the London Marathon.

Did we know climate affects genetics?

A new way of mapping the link between genetic changes and population change in animals was published in *Science* on 16 March. The study shows how the distribution of genetically-controlled traits, such as size, within a population of animals has a direct impact on the growth of that population. Additionally, it suggests that the impact of these traits could be affected by changes in climate.

The study, which provides the most detailed method of examining the complex relationship between ecology and evolution, also has significant implications for understanding the impact of environmental factors, such as climate change, on populations of animals.

Researchers at Imperial and the Universities of Cambridge, Edinburgh and Stanford, studied a population of Soay sheep in the Outer Hebrides, and used a combination of existing population data and field observations to track how changes in the distribution of sheep in the population

influenced fluctuations in the overall size of the population. They found that in years with harsh winters that the population grew fastest when there were many large individuals within the population. However, this effect disappeared in recent years when winters were more favourable.

— DANIELLE REEVES, COMMUNICATIONS

► Visit www.imperial.ac.uk/news for the full story.



Awards and honours

£40,000 award for entrepreneurial bioengineering PhD

A novel therapeutic device that offers effective treatment for patients with breathing-related conditions such as emphysema has won a major grant from the Royal Academy of Engineering. The £40,000 ERA Foundation Award, which rewards entrepreneurship in UK universities, was won by Imperial bioengineering PhD student Mario Iobbi for his development of Saturation Driven Oxygen Therapy. This device, now being trialled at Royal Brompton Hospital, automatically adjusts the flow of oxygen to patients according to their needs, rather than having a fixed flow. Mario is developing the commercial potential of his invention through his company Dynamic Therapeutics.

Double win for professor in Japanese awards



Two prestigious prizes recognising excellence in research have been awarded to Professor So Iwata from the Division of Molecular Biosciences. He received both the Japan Academy Medal and the Japan Society for the Promotion of Science (JSPS)

prize for excellent young researchers in Tokyo this month, for his work on defining the structure of proteins. Professor Iwata is currently concentrating on determining the structure of cell receptors, which are the target of over 50 per cent of drugs currently in use.

Anti-TNF pioneer named among European Inventors of the Year

Professor Marc Feldmann of the Kennedy Institute of Rheumatology has been nominated in this year's European Inventor of the Year awards for his work on treating auto-immune diseases. The nomination, in the lifetime achievement category, recognises research carried out with Professor Sir Ravinder Maini identifying the molecules that cause the immune system to fight itself in diseases such as arthritis. This discovery led to the development of anti-TNF drugs that have now improved the lives of millions of patients around the world. The awards ceremony, organised by the European Patent Office, takes place on 18 April in Munich.



► Log on to www.imperial.ac.uk/events for further details.

UK's first Academic Health Science Centre moves a step closer

A key step forward for the UK's first Academic Health Science Centre (AHSC) was taken at the end of February following agreement from the London Strategic Health Authority (SHA) that the new organisation should ultimately work to become an NHS Foundation Trust sponsored by Imperial College. This objective has been agreed by Hammersmith Hospitals NHS Trust Board and St Mary's NHS Trust Board. This will be the first time any organisation other than an NHS Trust has bid to become a Foundation Trust sponsor.

Hammersmith, Imperial and St Mary's have together been exploring a proposal to create an AHSC since autumn 2005. The AHSC will be the first organisation of its kind in the UK, bringing together the delivery of clinical services, teaching and research.

Lessons from the USA

The partners have based their vision on the integrated approach – joining together hospitals with medical education and research institutes – in place in other parts of the world, notably at Johns Hopkins Medicine in Baltimore, USA. This model, which the AHSC will seek to replicate, is yielding improvements and better clinical outcomes for patients and its success was recognised when the Johns Hopkins Hospital was placed first in the US News Best Hospital 'Roll of Honour' 2006.

In partnership with the Trusts, Imperial carries out some of the best biomedical research in the world and ensuring that this is completely allied with the service given to patients will make the new organisation a world leader in healthcare. Patients in west London will be treated by staff with knowledge of the latest advances in treatment and technology, the foundations of a healthcare system that is more innovative and responsive to the needs of the community.

Public consultation

The creation of the new organisation in the autumn of this year is subject to a successful public consultation – due to start in April – to merge St Mary's and Hammersmith Hospitals Trusts and better integrate Imperial College with all the Trusts' work. An application for Foundation Trust status from the AHSC would then be prepared some time later.

Combined leadership

The SHA believes that the benefits of an AHSC will be best realised through leadership from a single role combining the Chief Executive of the new Trust with the Principal of the College's Faculty of Medicine. For this transition phase, until the appointment of a Chief Executive later in the year, the College and the Trust Boards have asked Professor Steve Smith, Principal of the Faculty of Medicine, to be responsible for the establishment of the AHSC.

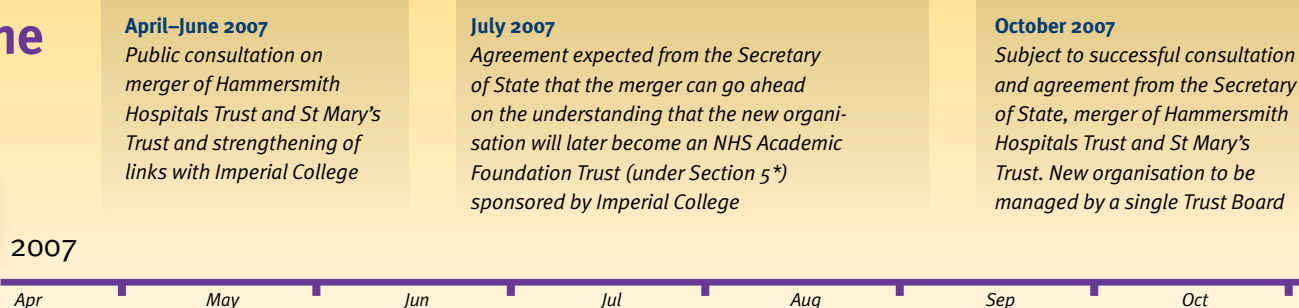
Professor Smith said of the AHSC: "Since the organisation is such a new concept, there is a lot of work going on to ensure we really make this happen and provide a world class service to our patients. We will need the support of all staff and students in each organisation as we move to implement this model, the key focus of which is to provide excellent medical care and excellent outcomes for our patients."

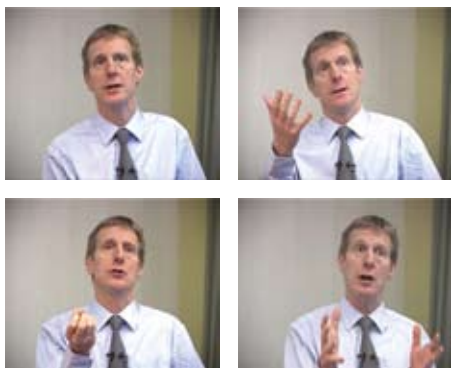
— CAROLINE GAULTER, COMMUNICATIONS



► Further information, including a copy of the pre-consultation booklet, is now available online at the AHSC website www.ahsc.org.uk. You can also sign up on the website to receive a copy of the consultation document. Consultation on the creation of an AHSC is due to start in April 2007.

Timeline





AHSC Road shows

Professor Steve Smith, who is responsible for the creation of the AHSC, spoke to around 500 staff about his vision for the new organisation at Charing Cross, St Mary's and Hammersmith Campuses at the beginning of March. Visit www.ahsc.org.uk to watch a video of his presentation.

Working in partnership with St Mary's and Hammersmith NHS Trusts

Over many years Hammersmith NHS Trust and St Mary's NHS Trust have established a first class reputation. Both hospitals are in the *Dr Foster Good Hospital Guide 2005* top five. The Trusts have some of the best outcomes and survival rates in the UK for a range of conditions, such as:

- Heart attacks and heart diseases
- Kidney failure and transplantation
- Cancers, including breast, prostate, stomach, lung and colon
- Viral liver infections and pneumonia.

Through integration with research and teaching, the AHSC aims to change patient care from first class to world class.

..... HEALTH CHECK

Hammersmith Hospitals

Hammersmith Hospitals NHS Trust is Hammersmith Hospital, Charing Cross Hospital and Queen Charlotte's and Chelsea Hospital.

- £430 million budget
- 1,100 beds
- 5,900 staff (2,500 nurses and midwives, 600 junior doctors, 300 consultants)
- 120,000 adults and children cared for by A&E
- 350,000 outpatients cared for
- 4,800 babies delivered
- 1,500+ student teaching placements (500 medical students, 150 nursing students and 20 midwifery students qualified)

St Mary's

St Mary's NHS Trust is St Mary's Hospital and the Western Eye Hospital.

- £260 million budget
- 500 beds
- 3,700 staff (1,400 nurses and midwives, 400 junior doctors, 350 consultants)
- 111,000 adults and children cared for by A&E
- 440,000 outpatients cared for
- 4,500 babies delivered
- 1,500+ student teaching placements (500 medical students, 100 nursing students and 16 midwifery students qualified)

Future date

AHSC will apply for Foundation Trust status (under Section 5*)

* Section 5 of the Health and Social Care (Community Health and Standards) Act 2003 covering NHS Foundation Trusts. Foundation Trusts established so far have been formed under Section 4, *Applications by NHS Trusts*. Section 5 of the Act covers *Other applications*, which will apply to the AHSC.



inventors corner



Dr John de Mello tells *Reporter* about keeping it in the family

Dr John de Mello is a member of the team that recently won the Royal Society's Brian Mercer Award for Innovation in Nanotechnology. He is a senior lecturer in nano-materials in the Department of Chemistry and a founder of spin-out company Molecular Vision, together with his brother, Professor Andrew de Mello, also from Chemistry, and Professor Donal Bradley, Head of the Department of Physics.

His previous employment before joining Imperial included a brief stint in the civil service. He said: "I couldn't wait to get back to science. Let's just say the civil service wasn't for me, but at least they taught me to touch type." Working with his brother at Imperial was unplanned. When asked how he finds it, he joked: "It's absolute hell, but mum said I had to."

John enjoys the challenge of working in a spin-out company: "I don't think you're ever quite prepared for the sheer hard work and effort involved in getting a company off the ground. It's all a bit daunting in the early days and it helps to have companies like Imperial Innovations on hand to provide advice."

He explains the biggest difference between working in academia and in a spin-out company is the need to focus, saying: "In academia, you're generally driven by curiosity—it took me a while to realise that what's interesting to an academic isn't necessarily what's important to a company."

The Brian Mercer Award of £250,000 is a welcome boost to the team. Dr de Mello explained that the funding would be used to develop new technologies for solar electricity developed in the Physics and Chemistry Departments at Imperial. He said: "These technologies have reached that point where they're just a bit too applied for the Research Councils but still too early stage for most venture capitalists. The Brian Mercer funding bridges this gap perfectly."

— CHARLOTTE STONE, 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.*

Support you can count on

Over 40 staff from across the College assembled on 27 February for the inaugural meeting of the Trainee Accountants Forum. The aim of the forum is to provide a support structure through mentoring, networking and sharing of good practice for staff studying for accountancy examinations.

Simon Passey, Commercial Services, currently working towards the Chartered Institute of Management Accountants (CIMA) qualification, spends two nights every fortnight at lectures with much additional time devoted to coursework. He said, "The study fits well with my work and helps me to fully understand what the figures mean."

In opening the meeting, Andrew Murphy, Director of Finance, stressed the importance of the new forum in devel-



From left to right: Phillip Blissett, Faculty of Medicine Finance Officer, Andrew Murphy, Director of Finance, Sonia Hinze, Faculty of Medicine, Nick Rogers, Accounting Operations, Martin Knight, Chief Operating Officer, Melvyn Tamplin, Head of Accounting Operations, Apurvi Northam, Divisional Finance Trainer.

oping talent. He said to the trainee accountants, "Your influence in helping the College to spend its money better is vital to the development of the institution."

World-class results

Two members of staff who have recently achieved outstanding results in their accountancy examinations are Sonia Hinze, Faculty of Medicine, and Nick Rogers, Finance Division. Sonia's mark in her latest CIMA examination was top in the world, building on her success last year when she achieved seventh place worldwide in another module. Nick Rogers, who works in Accounting Operations, attained the top score in London in the Association for Credit Programme, which he hopes will act as a springboard to a further accountancy qualification. Congratulating them at a presentation earlier this month, Martin Knight, Chief Operating Officer, said "These tremendous results are testimony to Sonia and Nick's talent and dedication. The College is committed to providing professional support for its academic mission and developing staff is key to this approach."

— CAROLINE GAULTER, COMMUNICATIONS

► Visit www.imperial.ac.uk/finance/traineeaccountantsforum for more information.



Eminent stem cell researchers visited Imperial on Thursday 1 March for a roundtable event where they discussed the potential of stem cell therapies with Malcolm Wicks (left), Minister of State for Science and Innovation, and Professor Sir Keith O'Nions, Director General of Science and Innovation at the DTI. Imperial's Dame Julia Polak, from the Regenerative Medicine Consortium, told the group that stem cell science was now a robust discipline and that it was starting to reap some fruits. "We need to remember that this field is extremely new. We are breaking new barriers," she said.

New website on its way

Work is well underway to develop a new website for the College, using the views of current and potential users of the site to model its structure and influence the design.

The Web Redesign and Information Architecture Project was set up in the summer of 2006, with funding granted by the Portfolio Review Board. Its aim is to develop the website



David Poteet (right), New City Media, and Tom Miller, Director of Communications and Project Director, examine a wall of Post-It notes which show users' requirements for the new College website.

to enhance the College's reputation with particular emphasis on modernising the visual design and making it easier for users to find relevant information.

American company New City Media have been employed to design the new site. Staff visited London in February to work with the Imperial project team on the content of the top level pages and a new home page structure. The findings from 39 interviews with representatives of key website user groups, including prospective students, staff and industry contacts, informed the process that involved mapping the routes users take to find information on the current website.

Dr Chris Towler, Director of Project Management and member of the Web Management Board, said: "Feedback from staff and students argued the case for an overhaul of our website. There are lots of things that the current website does very well and technically a lot of work has been completed in the past, but now is the time to look at the design and navigational aspects. Essentially we want a website to reflect our status as a world-renowned university."

The new website will be live in October 2007. Visit www.imperial.ac.uk/webredesign to see how work is progressing and find out how to offer your views.

— CAROLINE GAULTER, COMMUNICATIONS

Charity begins at work

Ben Ryall may be running for Imperial's Student Opportunities Fund in the upcoming London Marathon (see page 2), but he's not the only member of staff going the distance for charity this year.

Peter Savage, Trevor Savidge, Paul Crudge, Ian Clark, Roger Hare, Ashok Jamdagni



This Imperial team, all from the High Energy Physics group apart from Paul Crudge, Chemical Engineering and Chemical Technology, will be running this year's Tresco Marathon, held on the Isles of Scilly. This is the smallest marathon in the world with a maximum of only 125 runners allowed. The team are running for the Cystic Fibrosis Trust because one of the members has a son with the disease. They explained: "It's not until you know someone that suffers from CF

that you realise how debilitating an illness it can be."

► Visit www.justgiving.com/tresco for more information.

Professor Chris Phillips

Professor Chris Phillips, from the Experimental Solid State Group, is part of a team of amateur rowers from Richmond taking on the challenge of rowing across the English Channel to raise money for their local charity Shooting Star, an organisation dedicated to providing support for the families of terminally ill children. The team plan to make the estimated six hour crossing on 8 July through one of the busiest shipping lanes in the world, negotiating both the treacherous waves and the huge cargo ships and cross-channel ferries.

► Visit www.vineyardvoyagers.org.uk for more information.

Dr Tony Tarragona

Dr Tony Tarragona, IAVI Core Lab Manager at the Chelsea and Westminster Campus, is running in the London Marathon supporting the charity Children with Leukaemia, something close to his family's heart. He explained: "One of our children has had Acute Lymphoblastic Leukaemia, however since Jan 2004 is in remission and treatment

free. We would like other families that may be in our situation to benefit."

► Visit www.bmycharity.com/tarragonafamily for more information.

Professor Bill Lee

Twenty-five years after last sprinting over the finishing line, Imperial's Head of Materials is planning his London marathon comeback. Along with his brother and long-standing running partner Bob, Professor Bill Lee will be raising money for the charity Kidney Research UK. It will be the second time the two have tackled the event, which they last ran in 1982 after becoming inspired while watching the previous year's race on a pub TV. "After the fourth pint it seemed like a good idea," Professor Lee recalls, however, he is not expecting to match his previous time of three hours and 19 minutes, saying "At my age, I'll be happy with anything under four hours."

The Lee brothers chose to support Kidney Research UK because of their family's history of renal failure.

► Visit www.justgiving.com/LeeBros for more information.

Good luck to everyone doing something for charity in the coming months.

— ALEX PLATT, COMMUNICATIONS

archive corner

A question of sport

With the fifth J.P.R. Williams Varsity Match played earlier this month, this edition of *Archive Corner* looks at Imperial's sporting history.

The constituent colleges that later became Imperial College all had sports clubs dating from the nineteenth century, including association football and rugby union, boxing, rowing and cycling. Swimming was another popular activity that became more widespread through the founding of the Science and Arts Swimming Club in April 1887. The club used Fulham baths and St George's baths, Westminster, for activities that included water polo, a male-only pursuit until after World War Two.

Other clubs with a long history are the Boat Club, the Hockey Club and athletics clubs offering track and cross-country running, and tug-of-war. Women's teams had great success in athletics, winning the University Challenge Cup at various times.

Tennis, badminton and fencing were also played where the space was available, and climbing and sailing were popular pursuits, often requiring travel and overnight stays.



C&G RFC first 15, 1938 winners of the Engineers Cup.

Imperial College held an Annual Sports Meeting, an event that was described in *Phoenix* in January 1921 as being as important for the College socially as for its sport. Sports that were showcased included running, shot putting and the long jump. The 1920 meeting was held at Stamford Bridge, an ambitiously large venue that was scarcely filled by the few hundred specta-

tors who attended. The knock-on effect of this was that in 1921 costs had to be kept down. Winners were awarded small brass

plaques instead of individual silver cups and spectators were charged an entrance fee.

One of the more unusual sports offered by the College was gliding. The Gliding Club was founded in February 1930 when work began to build one of its own gliders. The first flight took place in 1931 and the club went on to travel far and wide to the best locations for flying. 120 launches took place at the club's second camp in September of that year and a certificate was awarded to the then Rector, Sir Henry Tizard, for his thirty-second flight. The club was grounded during World War Two, but took off again afterwards.

— ANNE BARRETT, ARCHIVES AND CORPORATE RECORDS



Predicting the future

Science Challenge winners announced

What will be the most significant scientific breakthrough of the next hundred years? This was the question facing Imperial and secondary school students taking part in the essay writing competition of the Imperial College Science Challenge 2007.

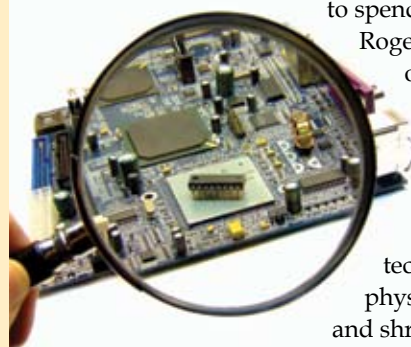
The competition attracted nearly 400 entries with a wide range of ideas of what the future holds from reconstructing the human cell to anti-ageing therapies.

A vision of a future that includes brain-computer interfaces, a mix of human and man-made brains, was the subject of Imperial physics postgraduate Naaman Tammuz's winning essay. He predicts that by the mid 2030s scientists will possess a complete model of the human brain with ample computing power to simulate its activity. By the 2040s, he says, there will be a significant number of human brains consisting of man-made components, radically changing the way man and machine interact.

Naaman won the prize of £2,500 and the chance to spend a day shadowing Dr

Roger Highfield, science editor of *The Daily Telegraph*. Mark

Nicholson, 16, from the Reading School, won the secondary school essay competition with his idea of revolutionising computer technology by using quantum physics to speed up processors and shrink the size of PCs.



The Science Challenge was organised

by the Royal College of Science Union. It aims to promote science communication and creative thinking among young individuals. Students and school children were invited to submit an essay of 800 words describing a future scientific breakthrough or major development.

Judges on the panel included Lord Robert Winston, Professor of Fertility Studies at the College, Dr Roger Highfield, science editor of *The Daily Telegraph*, Dr Raj Persaud, broadcaster and journalist, and Dr Simon Singh, MBE, science writer and alumnus.

— NAOMI WESTON, COMMUNICATIONS

► Visit www.rcsu.org.uk/index.php?page/SCfinalists to read the winning entry.



Competition winner and runners-up (L-R): Udennaka Paul Igboanusi, Emma Rose McGlone, Costas Koufaris, Jad Marrouche, Naaman Tammuz (overall winner), Sang Ngoc Nguyen, Dirk van Swaay.

Chasing the sun for boating success

Imperial mechanical engineering students will make up the only UK team in an international solar powered boat race taking place in July 2008.

The team of undergraduates will design and make their entry, Solar Spirit, for the Frisian Solar Challenge in the Netherlands, the only solar powered boat race in Europe. Made of glass fibre, the one man boat will be powered by 175W five solar panels and will be six metres in length. Currently the students have finished the design and are working on the manufacture.

The boat will be powered by an electric outboard motor that will source its power from a combination of solar and battery power through the course of the challenge. The solar panels are capable of generating electricity in ambient conditions with more energy being generated when the sun is brightest.

The competition is open to teams from higher education institutions, the business community and members of the public. The race is 220km long, lasts six days and runs through the Frisian cities of the Netherlands, via canals and lakes.



Imperial's team of mechanical engineering students are hoping to take first place in the Frisian Solar Challenge next year.

Thomas Middleditch, team leader on the project, says: "As a group we are keen to promote green technologies. We are very excited that we are the only UK team entering.

We are looking forward to representing Imperial, London and the UK at this important international event."

The Team's tutor Dr Shaun Crofton, from the Department of Mechanical Engineering, said: "There are many challenges for engineering and engineers in the future and this project encompasses the most pressing. This group has risen to the challenge and I hope and am certain that they will prove worthy challengers and bring some innovation to the race."

— NAOMI WESTON, COMMUNICATIONS

► Visit www.solarspirit.co.uk for more information.



Imperial Medicals RFC beat Imperial College Union RFC 17-7 in the fifth J.P.R. Williams Varsity Match on 7 March. The match was the culmination of a day's intense sporting competition between the Medics and Imperial teams who battled it out in sports including hockey and lacrosse at the Harlington ground, as well as water polo and basketball in the Ethos Sports Centre at South Kensington Campus. (Visit www.imperial.ac.uk/sports/news/varsity.htm for the full match report.)

Three 'R's for scientists

Chief Scientific Advisor, Sir David King, challenged scientists to back the Universal Ethical Code for Scientists in a lecture held at Imperial on 13 March as part of National Science and Engineering Week.

Urging scientists to adopt and help promote the values of rigour, respect and responsibility, which are the cornerstones of the code, Sir David said: "I have no doubt that the vast majority of scientists are highly ethical and already adhere to many elements of this code. There is a lot of existing good practice but the code sets down some basic practices and beliefs explicitly. We use the terms 'rigour, respect and responsibility' as a simple illustration of our promise to the community as scientists, and as a demonstration to the public that scientists take ethical issues seriously."

The universal code aims to foster ethical research, encourage active reflection among scientists on the implications of their work and support constructive communication between scientists and the public on complex and challenging issues.

Key points of the code include encouraging scientists to engage with the public, minimise and justify adverse effects their work may have on others and work to avoid misleading the public.

Sir David emphasised the need for scientists, researchers and industry to subscribe to the code and, in particular, to encourage its implementation in universities and schools.

The code, completed in 2006, has been piloted and tested in key governmental agencies and will now be rolled out more widely across government, with the Office of Science and Innovation and the Chief Scientific Advisors Network helping take it forward.

— NAOMI WESTON, COMMUNICATIONS

► Visit www.dti.gov.uk/science/science-and-society/public_engagement/code/page28029.htm to access the code.



Sir David King urged scientists to back the Universal Ethical Code at a lecture held at Imperial last week.



Night, camera, action! Stunning images of the South Kensington Campus, taken by renowned architectural photographer Christian Richters, are now available from the College's digital image library. Visit <https://imageslib.cc.ic.ac.uk> and search for 'buildings at night'.

Celebrating long service

30 years

Miss Lorna Bailey, Medical Laboratory Scientific Officer, NHLI

20 years

Mr Tariq Rasheed, IT Support Engineer, ICT

Mrs Joy Lowe, Accounts Assistant, Finance

Miss Joan Dance, Clerk, Finance

Mr Adrian Russell, Plant Growth Services Supervisor, Biology

Mrs Margaret Quinn, Clerical Assistant, Student Residences

Staff featured have celebrated anniversaries during the period 28 February to 30 March 2007. Data is supplied by HR and is correct at the time of going to press.

Pedal power!



Thanks to a tax free government scheme, you can save up to 40 per cent of the recommended retail price on a wide range of bicycles. The College purchases the bikes and leases them to you as a tax exempt benefit. You then pay the cost of the loan by means of a salary sacrifice over a 12-month period. The salary sacrifice is not subject to tax or national insurance deductions, allowing basic rate tax payers to save up to 33 per cent and higher rate tax payers to save up to 40 per cent.

To take part in the scheme, the bicycle must primarily be used for commuting to work, although this does not have to be on a daily basis.

► For more information visit www.imperial.ac.uk/occhealth/guidanceandadvice/cycletoworkscheme or contact Dougie Mason at douglas.mason@imperial.ac.uk or 020 7594 9365.

Obituaries

Kenneth Anthony Kalanyi Kebba (Tony Kebba) MBChB, PhD



With regret, *Reporter* records the untimely death on 15 February 2007 of Tony Kebba, aged 36, a former

PhD student and honorary lecturer in the Department of Immunology. Professor Frances Gotch, who trained Tony as an immunologist and supervised his PhD studies, writes of her former student: "Tony undertook his medical training at Makerere University in Kampala and devoted his career to research into HIV infection in Uganda. In 2000 he was awarded a prestigious Rogers Research Fellowship that

► The Editor is pleased to accept brief appreciations in remembrance of colleagues, reserving the right to edit these before publication. Please email a.platt@imperial.ac.uk

enabled him to investigate how exposed but uninfected individuals are protected from infection, and how others who become infected do not progress to AIDS. Such understanding may form the basis of a successful prophylactic vaccination in the future to help combat HIV worldwide. In his final years, as well as the appointment he held at Imperial, he was Senior Scientist and Project Leader in the MRC Basic Sciences Programme and achieved the award of a Career Development Fellowship from the Wellcome Trust, and funding from other donor agencies including the International AIDS Vaccine Initiative (IAVI) and the Centre for HIV-AIDS Vaccine Immunology (CHAVI). He will be remembered as an internationally acknowledged scientist, a dear colleague and mentor, a champion of African science, a gentle and resourceful young man with great promise of further contribution to the scientific growth in Uganda, particularly in the field of immunology, and an outstanding servant of the institutions with whom he worked."

welcome

new starters

Miss Cristina Amil-Leon, EYEC
Miss Alexandra Anderson, Cell and Molecular Biology
Dr Nikolaos Apostolou, EEE
Mr Samuel Armstrong, Faculty of Medicine
Mr Jon Ashton, Communications
Mr Marko Aunedi, EEE
Mr Edward Barrett, Physics
Dr Aidan Bell, Faculty of Medicine
Dr Claudio Belotti, Physics
Mr James Berry, Biology
Mr Niels Boyadjian, ICT
Ms Gemma Brennan, Neurosciences and Mental Health
Dr Viet Bui, Aeronautics
Ms Kelsey Case, EPHPC
Dr Subarna Chakravorty, Investigative Science
Dr Julie Cornish, SORA
Dr Tamera Corte, NHLI
Dr Nicholas Cutfield, Neurosciences and Mental Health
Mr Richard Darnley, Physics
Dr Giuseppe Digesu, SORA
Ms Milja Djurkovic, Investigative Science
Ms Tracy Dos Santos, Chemistry
Dr Gregory Duran, Clinical Sciences
Dr Edward Erin, NHLI
Dr Colin Fontaine, Biology
Dr Diego Fontaneto, Biology
Mr Michael French, EPHPC
Dr Valentina Gallo, EPHPC
Dr Ivan Gentil, Mathematics
Dr Richard Grenyer, Biology
Mr Li Guo, Computing
Mr Emad Hamoudi, ICT

Mr Andrew Kinloch, Kennedy Institute
Dr Anastasios Koutsos, Cell and Molecular Biology
Dr Elisabeth Kugelberg, Investigative Science
Dr Eugene Kuzmin, SORA
Mrs Susu Li, Humanities
Mrs Leena Lindholm-White, ESE
Mr Antony Mayhew, Biology
Mr Carlos Merchan, Estates
Mr James Milner, CEP
Miss Thunicia Moodley, Investigative Science
Dr Simon Moore, Bioengineering
Mr Xavier Mulet, Chemistry
Mr Neil Murray, Aeronautics
Professor James Noble, Computing
Dr Wieslawa Olszewska, NHLI
Ms Christine Palmer, Kennedy Institute
Dr Michail Papatomas, EPHPC
Mr Alexandre Patrice, Molecular Biosciences
Dr Antonio Postigo, Investigative Science
Dr Francois Potgieter, Neurosciences and Mental Health
Dr Ailsa Powell, Cell and Molecular Biology
Mr Daniel Ramirez Cano, EEE
Ms Jemma Reilly Ayton, Neurosciences and Mental Health
Dr Angelika Ress, Investigative Science
Miss Rebecca Roberts, Medicine
Dr David Rogers, Cell and Molecular Biology
Dr Alexis Rohou, Molecular Biosciences
Dr Giselle Rowlinson, NHLI
Mr Gil Saville, Sport and Leisure
Dr Judith Schweimer, Clinical Sciences
Mr Asif Shafiuddin, ICT
Dr Arash Soleiman Fallah, Civil and Environmental Engineering
Miss Elizabeth Swift, Security Services
Ms Liyan Tang, Business School
Miss Michelle Tetlow, SORA
Miss Victoria Thomas, SORA
Miss Claire Thompson, Finance
Dr Evren Unsal, ESE
Dr Judith Van Holten, Kennedy Institute
Mr Geoffrey Williams, Cell and Molecular Biology
Ms Sabine Winkler, Medicine

Dr Viet Bui has recently joined the Composites Centre in the Department of Aeronautics from the Laboratory of Aeronautic and Spatial Techniques of the University of Liège, Belgium. His research interests include modelling and simulation in solid mechanics by the finite element method, which can be used to detect failures in aircraft or engine rotors due to insufficient strength or to predict defects in fabrication processes, such as metal forming.



farewell

moving on

Mrs Barbara Adam, Medicine
Dr Yeni Astuti, Chemistry
Mr Nektarios Bampalas, Aeronautics
Mr Richard Barker, Finance
Dr Amanda Barnard, Investigative Science
Mr Clinton Blair, Communications
Mr Paul Bowyer, Cell and Molecular Biology
Ms Nicola Bradbury, Medicine
Professor Brian Briscoe*, Chemical Engineering (29 years)
Mr Ernst Buyl, Faculty of Medicine
Dr Surinder Chander, Medicine (5 years)
Mr Riki Clarke, Registry
Miss Camila Clemente, Catering Services
Miss Claire Dady, Medicine
Ms Thaneeya Duangchinda, Medicine
Dr Rade Durbaba, Neurosciences and Mental Health (11 years)
Dr Christopher Edge, SORA
Mrs Julie Fletcher, Registry (9 years)
Miss Leah Glass, ESE
Dr Sarah Glennie, Kennedy Institute (5 years)
Mrs Lyndsay Gordon, EYEC (5 years)
Mrs Neidja Gould, NHLI
Miss Rebecca Hansey, Cell and Molecular Biology
Mr Lizhong Hao, NHLI
Mr Laurence Hey, EEE
Dr Susan Hodgson, EPHPC
Mrs Lydia Holden, SORA
Mr Johannes Janse van Rensburg, Medicine
Dr Julian Jarman, NHLI
Mr Gawesh Jawaheer, Computing (5 years)
Miss Roma Jhalli, Medicine
Miss Karen Jones, Student Residences
Miss Catherine Jury, Business School
Miss Catherine Keshishian, EPHPC
Professor Jonathan Kydd*, CEP (23 years)
Ms Poppy Lambertson, EPHPC
Dr Alexander Lange, EPHPC
Dr David Langley, Research Services
Dr Ludovic Lemaigen, ESE
Miss Denise Leonard, Human Resources

Mr Sandy MacKenzie, ICT
Dr Nicola Marks, NHLI
Mr John Mason, Medicine
Miss Rhiannon Medhurst, Medicine
Dr Eleftherios Meridis, SORA
Dr Simon Michaelis, Chemistry
Mr Phillip Muckett, Faculty of Medicine (5 years)
Dr Mathew Parker, Investigative Science
Mr Tam Rankin, Registry
Ms Moira Rankin, Investigative Science
Mrs Bharti Rao, Neurosciences and Mental Health (5 years)
Miss Aggie Schikora, Occupational Health Service
Dr Sunita Sinha, Medicine
Mrs Jackie Smith, Faculty of Natural Sciences (18 years)
Dr Sarah Tagg, Medicine
Dr Susern Tan, Clinical Sciences
Dr David Thornley, Computing (6 years)
Dr Claire Thornton, Clinical Sciences
Miss Gabrielle Turner, NHLI
Dr Nina Ullrich, NHLI
Mr Charles Vuntarde, Clinical Sciences
Mrs Anne Want, NHLI
Dr James Warner, Neurosciences and Mental Health (8 years)
Mr Richard Wearne, Sport and Leisure Services
Miss Cordula Wetzell, SORA
Dr Angela Williams, SORA

Richard Barker, Engineering Faculty Finance Officer, has left the College after four and a half years to take up the post of Head of Finance and Administration at the Royal Society. Colleagues from the Engineering Faculty and Finance Division held a farewell reception for Richard at 58 Prince's Gate on 23 February to wish him well.



Miss Jane Wilson, SORA
Dr Keith Woodgate, Aeronautics (16 years)
Dr Clare Wykes, Investigative Science
Dr Shouyi Yin, Computing

retirements

Mr Chris Anderson, Estates (16 years)
Mrs Anne Horn, Estates (13 years)
Mrs Hazel Hover, Student Residences (13 years)
Mrs Patricia Jimenez, Finance (17 years)

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This data is supplied by HR and covers the period 18 February to 10 March 2007. 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.

Dr Arash Soleiman Fallah has been a PhD student in the Department of Civil and Environmental Engineering for the past three years and has recently been appointed a Research Associate there. He is working on a project for the European Union Collaboration for Long Term in Defence, researching the survivability, durability and performance of naval composite structures. His work will assist in the construction of ships that will resist high pressures of blasts and impacts.



Dr Laurence Huc, Medicine
Mrs Claire Hunt, CEP
Dr Dilan Jayaweera, EEE
Ms Diane Job, Library Services
Dr Cecilia Johansson, NHLI
Dr Angela Jones, NHLI
Miss Mary Jones, Faculty of Medicine
Ms Susannah Keeling, Medicine

Miss Victoria Thomas, SORA
Miss Claire Thompson, Finance
Dr Evren Unsal, ESE
Dr Judith Van Holten, Kennedy Institute
Mr Geoffrey Williams, Cell and Molecular Biology
Ms Sabine Winkler, Medicine

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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.

what's on

21 MARCH 2007 18.00–19.00

Imperial College Wind Band

CENTENARY END OF TERM CONCERT

» Concert Hall, Student Union Building, Beit Quad

22 MARCH 2007 13.00–13.45

Belcea Quartet

LUNCHTIME CONCERT

» Reed Lecture Theatre, Sherfield Building



22 MARCH 2007 16.30–17.30

Many Ways to Make Ends Meet: mechanisms of DNA double-strand break repair by NHEJ

Dr Aidan Doherty, University of Sussex

» Room 122, Sir Alexander Fleming Building

23 MARCH 2007 18.00–23.30

A Social Evening with Imperial as One

Buffet and complementary drinks on arrival

» Main Dining Hall, Level 1, Sherfield Building

Tickets to be purchased in advance:
imperialasone@imperial.ac.uk

3 APRIL 2007 17.30–18.30

Reviving the Failing Heart: one cell at a time

Professor Sian Harding

PROFESSORIAL LECTURE

» Paul Wood Lecture Theatre, Guy Scadding Building, NHLI, Royal Brompton Campus

Registration in advance: l.spittles@imperial.ac.uk

25 APRIL 2007 19.00–21.00

Imperial Innovations Stock Market Debut

Susan Searle, Chief Executive of Imperial Innovations Group plc

FRIENDS OF IMPERIAL SPECIAL LECTURE

» Lecture Theatre G34, Sir Alexander Fleming Building

Registration in advance:
admin@friendsofimperial.org.uk

26 APRIL 2007 13.00–13.45

Jessica Chan (Piano)

LUNCHTIME CONCERT

» Reed Lecture Theatre, Sherfield Building



» All events are at the South Kensington Campus unless otherwise stated.

take note

Updated 2007 Hotel Directory—now available

If you are seeking central London hotel accommodation for a conference, business or simply for pleasure, Imperial's hotel booking service is available to all. The 2007 Hotel Directory offers 22 hotels, ranging from two star to five star standard, at specially negotiated rates representing savings of up to 35 per cent, subject to room type and season. Each hotel has been specifically chosen for its reputation, quality of service and proximity to Imperial's London campuses, with each hotel just a few minutes walk from its respective local campus.

» Call 020 7594 9507/11 to request a brochure or visit www.imperial-accommodationlink.com to make an online booking request or download the 2007 Hotel Directory.



volunteering

The Volunteer Centre, part of Imperial Outreach, currently has over 250 active projects and all are listed on www.imperial.ac.uk/volunteering. You can also subscribe to the weekly newsletter by sending an email to volunteering@imperial.ac.uk.

Urgent project...

Help school students with revision during the Easter holidays

Project: Easter Revision Volunteer

Project ID: 1731

Organisation: St Clements and St James Community Development Project

Date(s): 10–18 April 2007

Time(s): 14.00–17.00 on any of the above dates

Location: W11 (nearest tube Latimer Road)

Volunteers are needed to help students, year nine and above, with coursework and revision during the Easter holidays. Internet access is provided, as well as practice papers, test software and tutorials on any subject. Volunteers can do as many sessions as suits them. St Clements and St James Community Development Project is a voluntary sector agency that manages and provides a regular programme of activities and special events to meet the needs of groups and individuals within the local community. The purpose of the service is to motivate children to become more effective learners through activities that improve their core skills, including helping them to plan and prioritise workloads and develop their organisational skills.



» To take part in this scheme or to hear more about volunteering in general, contact Minna Ruohonen on 020 7594 8133 or email m.ruohonen@imperial.ac.uk.

» Visit www.imperial.ac.uk/volunteering for full details of over 250 volunteering opportunities. You can also subscribe to the weekly newsletter by emailing volunteering@imperial.ac.uk.

Reporter is published every three weeks during term time in print and online at www.imperial.ac.uk/reporter.

Reporter will be back in the Summer Term. Contributions are welcome (no more than 300 words). Please note the editor reserves the right to cut or amend articles as necessary. Information correct at time of going to press.

Editor

Alexandra Platt
Tel +44 (0)20 759 46715
email a.platt@imperial.ac.uk



Photography

Emma Bowkett	Christian Richters
Ian Gillett	Emerson Vigoureux
Jean-Francois Lagrot	Colin Whyman
New City Media	