



Marking a milestone

Looking back at 300 issues of *Reporter* ... CENTRE PAGES



GROUND BREAKING

Work starts on pioneering White City research hub

PAGE 3



DIVERSE IMPERIAL

Showcasing the College's community and the talent within it

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TAKING FLIGHT

Student Drone Society launches

PAGE 13



EDITOR'S CORNER

300,
not out

This issue marks the 300th edition of Reporter and we've taken the opportunity to celebrate some highlights from the newspaper, covering more than 20 years. I really enjoyed compiling it and I hope you enjoy browsing it (pages 8-11). It's remarkable how much the College has changed – but it's also interesting to note, particularly at this turbulent time in world affairs, that one constant has been the **international heart** of the institution. Many Reporter regular 'stars' were/are staff members born overseas, who leave a lasting legacy at Imperial – Julia Polak (Argentina), Abdus Salam (Pakistan), Ara Darzi (Iraq), Colin Caro (South Africa) and of course our current President Alice Gast (USA). In a recent newspaper article Alice herself talks about how 'something happens when brilliant people move and **cultures collide and collaborate**,' (page 5). Now Imperial has officially cemented its place as the UK's most international university (page 2, opposite). But it's more than just bragging rights though, it's what makes us who we are.

ANDREW CZYZEWSKI, EDITOR

Q Reporter is published every three weeks during term time in print and online. Contact Andrew Czyzewski:

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Imperial ranked as UK's most international university

Imperial is the UK's most international university for the second year in a row, says *Times Higher Education*.

The 2017 rating of the world's most international universities, places Imperial as 5th overall, up from 10th in 2016.

The new table takes considers the "international outlook" of institutions, including levels of international staff, students and research co-authors, as well as universities' international reputations.

ETH Zurich tops the global league table, followed by fellow Swiss institution École Polytechnique Fédérale de Lausanne, the University of Hong Kong and the National University of Singapore.

Imperial's President Professor Alice Gast, said: "Imperial's excellence arises from its talented

people who come from all over the world. There is something special about a global academic community where people from different cultures contribute diverse perspectives, new ideas, and fresh approaches to solving complex problems.

"Great discoveries arise when brilliant people absorb and learn things from the breadth of people

they meet. We are proud to be the UK's most international university.

"At a time when international mobility is under threat, we will defend our values, celebrate our diversity, and forge new connections around the world." (Also, see page 5, Media Mentions)

—ANDREW SCHEUBER, COMMUNICATIONS AND PUBLIC AFFAIRS



Disease mapping

Scientists have been awarded £16m to create a detailed map of a tumour, which will allow researchers to explore new treatment options.

The project is one of the first to receive funding from Cancer Research UK's Grand Challenge award. The scheme aims to help overcome the biggest challenges facing cancer research in a global effort to beat cancer sooner.

Professor Zoltan Takats (Surgery and Cancer), part of the winning team, explained: "The project is aimed at the full molecular mapping of cancer – both in time and space. We want to understand the structural and functional changes in molecular architecture associated with cancer.

"The hope is this will identify vulnerabilities we can target with treatments. Imperial has a multi-faceted contribution to the project including technology, data interpretation and clinical background."

—KATE WIGHTON, COMMUNICATIONS AND PUBLIC AFFAIRS



Your chance to speak up

The All-Staff Survey opens on 27 February.

It's totally confidential, easy to complete and your feedback really will improve working life at Imperial. **Make sure you're heard.**

www.imperial.ac.uk/staff-survey

All-Staff Survey 2017
27 February – 17 March

imperial.ac.uk/staff-survey

Breaking new ground in visionary medical research

Imperial has started construction works for the Michael Uren Biomedical Engineering Research Hub at White City, which will help find solutions to some of the most pressing biomedical and healthcare problems of our time.



Sir Michael Uren on site

The launch of construction works for the new facility was marked with a groundbreaking ceremony at the White City Campus last month. The event was attended by Imperial alumnus Sir Michael Uren OBE and trustees of his foundation, whose £40 million gift has made the construction of the new hub possible.

Speaking at the milestone event, Sir Michael said: “Imperial is an inspirational

place. I was inspired when I joined in September 1940 and I am inspired here today.

“My vision is that in building this research centre a few miles from the City of London – which itself has become a financial centre of the world – investment will be watching and waiting for the research and inventions that will be developed here, which will trigger tomorrow’s great companies.”

Imperial President, Alice Gast added: “This is a day to celebrate a change in direction and a position of leadership in bringing engineering, medicine, science and technology together to address the healthcare challenges of this century. We owe this position of leadership to Sir Michael’s vision, generosity and foresight.”

Construction work for the Michael Uren Biomedical Engineering Research Hub is scheduled for completion in 2019. Research areas will include new technologies for the early detection; monitoring and treatment of cancers; the development of minimally invasive implants and regenerative medicine. (Also, see article right).

—JOHN-PAUL JONES, COMMUNICATIONS AND PUBLIC AFFAIRS



Creating a ‘global epicentre’ of biomedical engineering

A new Imperial research facility harnessing biomedical engineering to address major healthcare challenges will receive £20m of government funding.

The investment by the Higher Education Funding Council for England (HEFCE) through the UK Research Partnership Investment Fund (UK RPIF) will support the development of a biomedical engineering hub at Imperial’s new White City Campus.

The facility will bring together over 500 engineers, scientists and clinicians, collaborating to develop solutions to some of the world’s most pressing biomedical and healthcare problems.

The biomedical engineering hub will be the first and largest facility to occupy the Michael Uren Biomedical Engineering Research Hub, a 14 storey research building made possible thanks to an unprecedented £40 million gift from Imperial alumnus Sir Michael Uren OBE and his

foundation (see left).

Due for completion in 2019, it will house a clinical facility side-by-side with multidisciplinary laboratories and offices for translational research initiatives, providing patients with access to the latest innovations in healthcare.

Imperial President Alice Gast said: “The Michael Uren Biomedical Engineering Research Hub is one of our remarkable multidisciplinary hubs at White City that address some of the world’s big challenges. Its vision, ambition and potential is unrivalled. The facility, and its world-leading research, will be an epicentre of biomedical engineering innovation.”

The co-directors of the multidisciplinary biomedical engineering hub are engineer Professor Anthony Bull and orthopaedic surgeon Professor Justin Cobb.

—DEBORAH EVANSON, COMMUNICATIONS AND PUBLIC AFFAIRS

in brief

Strategic thinking

A Government Minister came to Imperial on a fact-finding mission as part of a recent industrial strategy announcement. Lord Prior met Imperial’s President Alice Gast and Professor Lord Ara Darzi, Director of the Institute of Global Health Innovation at the College, at the Hamlyn Centre. The Minister at the Department of Business, Energy and Industrial Strategy came to the College on one his first visits as part of the Government’s consultation process on the Industrial Strategy Green paper, which was unveiled by Theresa May, UK Prime Minister, on 23 January 2017.



Lord Prior (left) with President Alice Gast and Professor Lord Ara Darzi

Innovation, evolved

Imperial Innovations Group plc, Imperial’s commercialisation partner, changed its name to Touchstone Innovations plc last month. This coincides with the venture investment team moving to a new office in central London. The Technology Transfer office will retain the brand Imperial Innovations and its office at 52 Princes Gate, close to the academic community. Imperial Innovations will continue to provide dedicated service to Imperial, and the name change of the group as a whole will ensure clearer distinction between the services it provides.

Measuring success

Imperial has affirmed its commitment to the fair assessment of research achievements through the signing of an international declaration. The San Francisco Declaration on Research Assessment (DORA) means that Imperial will no longer consider journal-based metrics, such as journal impact factors, in decisions on the hiring and promotion of academic staff. It is intended to give researchers confidence that their work will be judged for what it is – not where it has been published – alongside their other contributions to College’s educational and societal mission. The move follows Imperial’s 2015 review on the Application and Consistency of Approach in the Use of Performance Metrics.

Imperial celebrates the diversity of its community

The first ever Diverse@Imperial Week showcased the College's diverse community and the talent within it.

Starting on Monday 30 January, the week included a panel discussion on diversity and inclusion, and a lecture on how STEM-research can be more responsible and inclusive.

In addition, a photo and archive exhibition in the Main Entrance on the South Kensington Campus showcased staff and students stories, alongside information on the work of the Equality, Diversity & Inclusion Centre and the College's staff networks.

Professor Jeff Magee, Chair of the Equality and Diversity Committee and Dean of the Faculty of Engineering, said: "Our Imperial community is made up of dedicated people from all over the world, with different backgrounds, experiences and perspectives. That diversity is a great strength of our community – it is something we need to continue to celebrate and nurture."

Wednesday saw ITN journalist Nina Nannar chairing a panel of five members of Imperial staff from across the College for a discussion of what diversity and inclusion mean to them.

Dr Joao Cabral, Reader in Soft Matter in the Department of Chemical Engineering, spoke about the support he had received from Imperial as a new father, including shared parental leave and the Elsie Widdowson Fellowship scheme, for returning academic staff. Joao shared his experience of making a decision to be more visible as someone in a same-sex relationship – despite not wanting this to be a defining feature of his professional life – in part out of a feeling

of responsibility towards his students.

Professor Shiranee Sriskandan, a clinical academic at the Hammersmith Campus, discussed the challenges she sees for her colleagues and students, with black and minority ethnic students under-represented in Imperial's School of Medicine.

Imperial's Vice-Provost (Education), Professor Simone Buitendijk, delivered a lecture on gendered research and inclusive innovation. Simone gave some examples of why this matters – and how serious the consequences can be if research is approached with bias rather than inclusivity.

—ELIZABETH NIXON, COMMUNICATIONS AND PUBLIC AFFAIRS



Plans for new student hall of residence

The newly purchased 1.8 acre site in North Acton has been earmarked for the development of a new hall of residence for Imperial undergraduates.

The site, subject to planning permission, will be home to a 700-bed development with completion targeted for September 2020. The development, situated on Wales Farm Road, is just a five minute walk from the College's

existing accommodation at Woodward Buildings.

The new hall will represent a substantial investment from the College in student experience, supporting its commitment to offer accommodation to all eligible first year undergraduates under the accommodation guarantee and offer much needed extra bed space due to the increase in student numbers.

The development builds on the College's growing presence in the area, adding to the existing Imperial student community of around 900 living in the College's Woodward Buildings.

Imperial's Provost, Professor James Stirling, said: "At Imperial, we are committed to enriching the wider student experience, as well as providing a world class educational experience. We know that students based in Woodward Buildings are enjoying the facilities on offer, and I'm pleased we will be able to offer that experience to more of our students in the future."

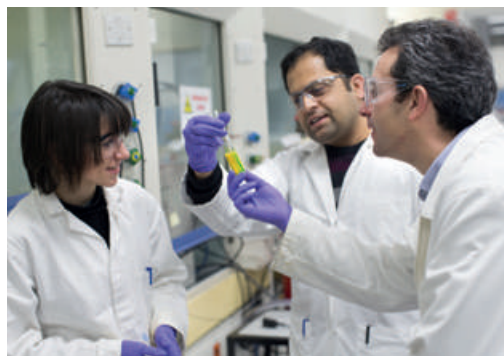
The College will work closely with students to develop the look and feel of the communal spaces for the new halls as the project develops.

—JON NARCROSS, COMMUNICATIONS AND PUBLIC AFFAIRS

media mentions



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Opening doors to innovation

CHEMISTRY WORLD ▶ 17.01.17

Chemical companies are increasingly using specialist investment arms to nurture new ideas, *Chemistry World* reports. Many chemical giants nurture their own corporate venture capital, or CVC, units, releasing them to prowl for new ideas and opportunities. “There’s a realisation that to be competitive you need access to as many good ideas as you can get, no matter how many R&D people you have,” says Professor David Gann, Vice President (Innovation) at Imperial. It is part of a wider trend, with the corporate share of venture capital investment rising from 7% in 1995 to around 20% today.

What do MBA admissions directors want in applicants?

THE FINANCIAL TIMES ▶ 24.01.2017

Aspiring students applying to the world’s top MBA programmes face a selection process that is rigorous, to say the least. Even before candidates contemplate the detailed online application forms, there is the graduate management admission test (GMAT) to contend with. Crystal Grant, head of admissions at Imperial College Business School in London, told the *FT*: “More candidates are also planning to launch entrepreneurial ventures or join start-ups immediately after their MBA rather than three to five years after.”

The devastation of early miscarriage

DAILY MAIL ▶ 22.01.17

First Minister of Scotland Nicola Sturgeon spoke only recently of her pain at losing a baby in early pregnancy in 2011. One in four pregnancies ends in miscarriage and 85 per cent happen within the first 12 weeks. Dr Jessica Farren (Surgery and Cancer), lead author of a new study into post-traumatic stress disorder (PTSD) after miscarriage, told the *Daily Mail*:

“We were surprised at the high number of women who experienced PTSD symptoms after early pregnancy loss. We have checks in place for postnatal depression, but we don’t have anything for the trauma and depression following early pregnancy loss.”

How immigrants spark innovation

WORLD ECONOMIC FORUM ▶ 17.01.2017

Writing a piece on the *World Economic Forum*’s website, Imperial’s President Professor Alice Gast says that “something happens when brilliant people move and cultures collide and collaborate.”

She continues: “Hungarian-born Dennis Gabor fled Germany for Britain, where he pioneered holography at Imperial – an achievement recognized with the Nobel Prize in Physics. Indeed, a remarkable number of the greatest scholars were once foreign students or postdocs. The key ingredient is not migration alone, but the ability to work with people from different backgrounds, cultures and nationalities. This is the spirit that drives the world’s best universities and businesses.”



awards and honours



NATURAL SCIENCES

Seeing stars

Professor Michele Dougherty has been awarded the Royal Astronomical Society Gold Medal – its top honour – for her work in space physics missions. Past winners of the Gold Medal include Albert Einstein, Edwin Hubble, Arthur Eddington and Stephen Hawking. Professor Dougherty

is the Principal Investigator for the magnetometer instrument on the Cassini mission to Saturn, which has spent the last 12 years studying the planet and its moons. She is also the only UK Principal Investigator for the upcoming JUper ICy moons Explorer (JUICE) mission to which will explore three of Jupiter’s moons.

COLLEGE

Lasting legacy

Celebrations were held this month for three Imperial scholarship recipients, funded by the legacy of pioneering scientist, Dr Greta Stevenson. The bursaries of up to £7,500 each year are available to women at the College studying degrees in Physics, Chemistry,

Maths, Life Sciences and Geology, and are used to fund an international research placement with a leading female scientist at another institution. The recipients are: Sarah Thomas, a PhD student in the CDT on Controlled Quantum Dynamics; Viktoria Urland, a PhD student in the Department of Chemistry; and Janet Peet, an MRes student in the Department of Chemistry studying catalysis.



ENGINEERING

Parliamentary privilege

Postgraduate student Erin Johnson has been awarded the Institute of Chemical Engineers (IChemE) Ashok Kumar Fellowship 2017. The Fellow has the opportunity to spend three months working at the Parliamentary Office for Science and Technology (POST), with a focus on producing a parliamentary briefing note for MP’s on a relevant subject. The Fellowship was created following the sudden death of Ashok Kumar, a Fellow of IChemE and Labour Member of Parliament (MP) for Middlesbrough South and Cleveland East, UK, in 2010.

Bird services

Research in the Amazon suggests that loss of birds through deforestation and ranching prevents the recovery of rainforests, due to birds' roles in the ecosystem.

The researchers found that primary forests, made up of mature native trees, retain a wide range of bird species capable of providing healthy ecological interactions: controlling insect populations and dispersing the seeds of more than 90 per cent of rainforest tree species. This was true even when these forests had been disturbed by wild fires or selective logging, where only certain trees are removed.

Deforested areas like farmland, where many bird species have gone locally extinct, have dramatically reduced biodiversity services, as would be expected.

However, the researchers found that secondary forests, which had been previously cleared and now contain young trees, lacked many species of seed-dispersing and insect-eating birds found in primary forests, and this is likely to affect their ability to regenerate.

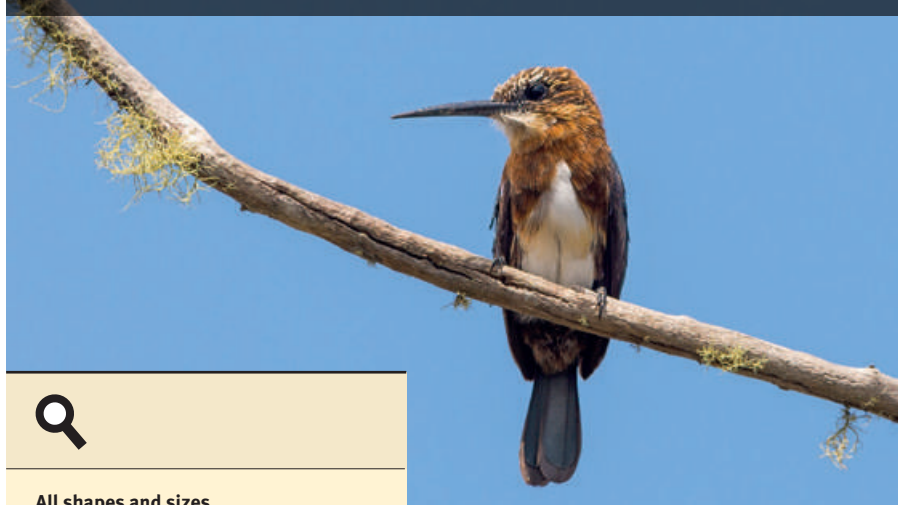
"The trees of a forest may look healthy, but if the animal species required for pollination or seed dispersal are gone, then looks are deceiving. The trees are also likely to disappear over time," Dr Tobias said.

"Our findings are a warning flag that we can't just look at a snapshot of forest health as it appears now – we need to think about preserving the ecosystem processes that will allow forests to survive in the future."

Indeed, the study suggests that the rainforest's ability to regenerate can be preserved even within largely cleared areas, so long as patches of primary or disturbed forest survive.

—BRUNO MARTIN, SCHOOL OF PROFESSIONAL DEVELOPMENT

The Brown Jacamar is an insect eater native to several South American countries



All shapes and sizes

The team collected field data on the composition of bird communities from 330 study sites in the Brazilian Amazon, sampling more than 450 bird species. They also measured morphological traits, such as beak size, tail and wing shape, from specimens held in natural history museums in Brazil, the USA and the UK. Knowledge of such 'functional traits' can be used to infer the type of service a bird will provide in the ecosystem. For example, birds with big beaks and wings, like guans, are responsible for dispersing large seeds in the Amazon Rainforest. The loss of these birds in open agricultural areas or secondary forests makes it difficult for large-seeded tree species to regrow or survive there in the future. Other rainforest birds have adapted to a specialist insect diet. Where these go locally extinct, leaf-eating insects can become uncontrolled pests and prevent saplings from growing.



“We can't just look at a snapshot of forest health as it appears now – we need to think about preserving the ecosystem processes that will allow forests to survive in the future.”

Avian invaders

Research reveals top factors in the spread of invasive bird species, providing scientists with a possible 'early warning system' for invasions.

Invasive species threaten global biodiversity by preying on, or outcompeting, native species and by carrying diseases. They can also cause serious economic damage, for example by devastating crops.

However, it is difficult to predict which species will become invasive after they are first introduced to a new area – which will establish self-sustaining populations that spread and which will die out.

Now, by investigating records of movement



for nearly 1,000 bird species from the years 1500-2000, a team including researchers from Imperial have uncovered key factors in their spread.

They found that human activities such as bird introductions and trade are the main determinants of how many alien bird species live in an area, but that alien species are most successful in areas already rich with native bird species.

Study co-author Dr David Orme (Life Sciences) said: "By looking at these factors, we can then identify current or future

introductions of species that share the hallmarks of previous invasions, giving us an early warning system.

Once a species has become fully invasive they are incredibly hard and

expensive to control, let alone eradicate, so catching an invasion before it gets going is a major conservation win."

Relatively few bird species are invasive but they do have very serious impacts – including the extinction of other species – and three are listed by the International Union for the Conservation of Nature as being in the worst 100 invasive species. Those three are the Indian myna, the European starling and the red-vented bulbul.

Dr Orme said: "All three are aggressive competitors with other birds and mammals for nest spaces; the myna eats the young and eggs of other bird species; and the starling and bulbul are both serious agricultural pests. The starling in particular has been very widely invasive: in the US, it is thought to cause hundreds of millions of dollars a year of agricultural damage by eating fruit and grain crops and animal feed."

—HAYLEY DUNNING, COMMUNICATIONS AND PUBLIC AFFAIRS

Spark of life

Scientists from Imperial have discovered that, contrary to previous understanding, heart scar tissue can conduct electricity following a heart attack.

These findings in mice, if confirmed in humans, would have major implications for heart attack survivors, and for patients with an irregular heartbeat known as atrial fibrillation.

An estimated 915,000 people in the UK today have had heart attacks, which deprive heart cells of oxygen, causing them to die and be replaced by scar tissue.

Scar tissue has important mechanical functions in maintaining the structure of damaged hearts, but when left untreated it effectively blocks the waves of electrical current needed for the heart to beat properly.

These waves of electricity roll in and out of the heart muscle – very much like waves on a beach. Scar tissue acts like a boulder on the edge of the beach, blocking the waves.

However, Imperial researchers have now found electrical activity in certain areas of the damaged tissue. To do this, they developed a new technique to put fluorescent proteins into scar cells that ‘light up’ when

electrical waves are present.

Senior author Professor Peter Kohl (National Heart and Lung Institute) said: “This is a surprising but exciting finding, because we generally think of scar tissue as useless at best, and detrimental to normal organ function at worst. Of course, it is needed to provide mechanical strength, but scar tissue in the heart obstructs electrical waves needed to regulate the heartbeat. However, our research suggests that it may be possible to exploit them as passive conduits of electricity, which may allow us

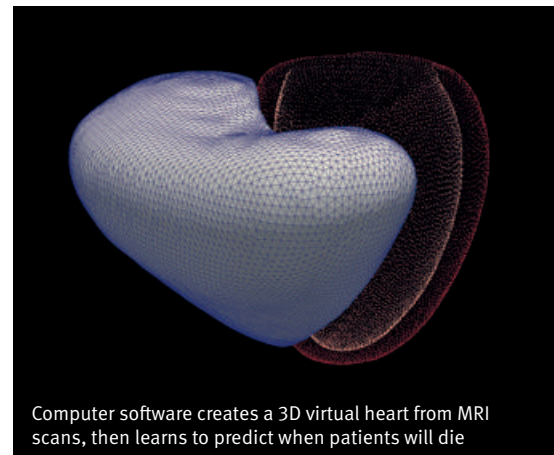
to render scar tissue electrically ‘invisible’.”

In the study the researchers also uncovered tiny membrane tunnels, known as nanotubes, between scar tissue and healthy heart cells, which might explain the electrical connection between the scar and surviving heart muscle.

Professor Kohl said: “If one can learn to control the function of these tubes so that electrical coupling across scars can be increased, it would reduce ‘boulder’ effects on electrical wave conduction and have significant implications for rehabilitating patients after a heart attack.”

—CAROLINE BROGAN, COMMUNICATIONS AND PUBLIC AFFAIRS

“Scar tissue in the heart obstructs electrical waves needed to regulate the heartbeat. However, it may be possible to render scar tissue electrically ‘invisible’.”



Computer software creates a 3D virtual heart from MRI scans, then learns to predict when patients will die

Smart 3D hearts

Machine-learning software has predicted death risk in people with serious heart disease faster and more accurately than current methods.

Until now, radiologists have relied on taking time-consuming and often inaccurate measurements of heart function by hand to identify patients at greatest risk of deteriorating.

In the latest study, Imperial researchers looked at historical data from 250 patients with pulmonary hypertension, a condition that leads to heart failure if not treated appropriately. The type of treatment needed depends on predicting whether patients fall into high or low risk groups.

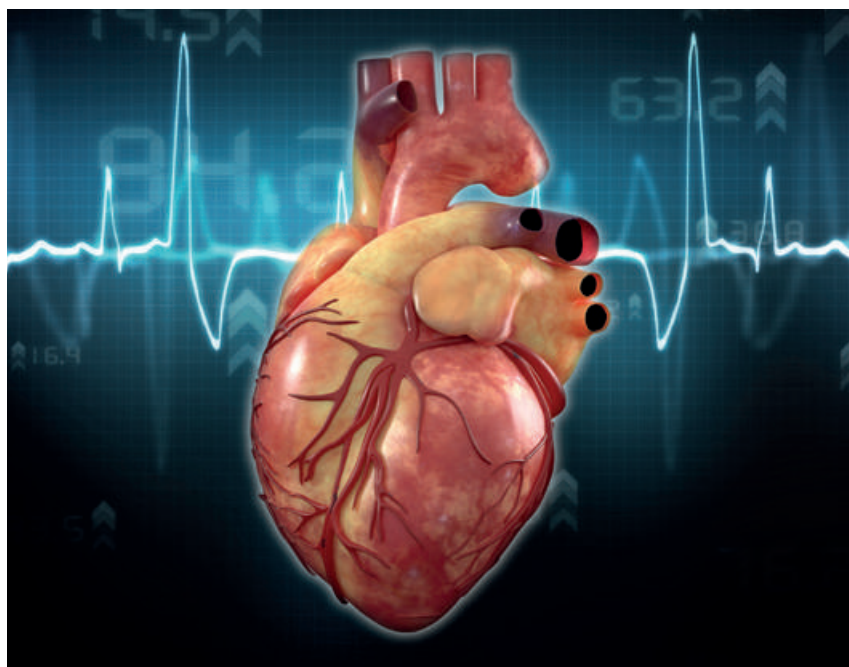
Using novel algorithms they analysed moving MRI images of each patient’s heart to replicate the way over 30000 points in the heart contract during each beat. With this information, it created a ‘virtual 3D heart’ of each individual and automatically learned which features were the earliest predictors of heart failure and death.

Lead author Dr Declan O’Regan from the MRC London Institute of Medical Sciences (LMS) at Imperial said: “This is the first time computers have interpreted heart scans to accurately predict how long patients will live. It could transform the way doctors treat heart patients.”

Co-author Dr Tim Dawes, of the LMS, who developed the algorithms that underpinned the software, said: “The computer performs the analysis in seconds and simultaneously interprets data from imaging, blood tests and other investigations without any human intervention. It could help doctors to give the right treatments to the right patients, at the right time.

The team now plan to test the software on patient data from a different hospital to the one in which it was developed, to verify the findings. The researchers say the technology can be used in the future on patients with other types of heart disease. The ultimate goal is to develop software to make predictions not only about survival, but also about which type of treatment will work best in each patient.

—CAROLINE BROGAN, COMMUNICATIONS AND PUBLIC AFFAIRS



Marking a milestone



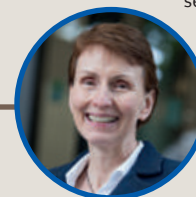
Everyone at Imperial is familiar with how quickly the College changes over a relatively short period of time – it’s in the Imperial DNA to constantly evolve in response to global forces. The *Reporter* newsletter has tried to cover some of this diverse, dynamic activity over 300 Issues, starting more than 20 years ago in 1995. In this first, two page spread – we look at the highlights as covered by *Reporter*, then on the second spread, some of the more personal stories.



1995

Formation of the new Imperial College School of Medicine from the merging of the Royal Postgraduate Medical School (RPMS), Charing Cross and Westminster Medical School and the previously announced merging of the National Heart and Lung Institute (St Mary's hospital merged in 1988 forming the Imperial College of Science, Technology and Medicine)

Imperial and Science Museum co-host BAYS DAY on 17 and 18 March attracting 6000 young people to the campus to learn about science and technology. Britain's first astronaut Helen Sharman launches the event. (Helen went on to become a full time member of Imperial staff exactly 20 years later in 2015 – see issue 289)



An Imperial student team win University Challenge for the first time ever

1996

9 November: Roger Makins, first Baron Sherfield, dies. He was chairman of Imperial's governors 1962-74

Imperial Nobel Laureate Abdus Salam dies (see stories overleaf)

Special issue
The Queen opened the £65 million Sir Alexander Fleming Building on 21 October 1998 witnessed by around 750 guests.



Student Kahae Han, wins BBC young musician of the year award. She is on a joint physics with music degree



1999

New College website launched in the first effort to centralize the College's web presence (for a comprehensive look at how the College's website evolved see issue 272)



1997

Celebrating 50 years of Silwood Park research and education

1998

“Medical students will follow a new curriculum which will take advantage of the strength of science, engineering and management departments on the South Kensington campus. We can expect some medical options for scientists and engineers too.”

Imperial Deputy Managing Director, Rodney Eastwood.
Quote from Issue 1

2000

The College is one of six establishments in the country to win an award from the Athena Project to help improve the access, participation and promotion of women in science, engineering and technology in higher education





2013



'James the first' Imperial recruits its first Provost, Professor James Stirling to lead the College's core academic mission

#264

LKC Welcomes first medical students

2014

#273

June: Alumnus Michael Uren gives 40m to Imperial



Professor Alice Gast becomes President of Imperial, making her the first woman to lead the College.

2015

#283

Dyson School of Design Engineering announced



#284

Althea programme and competition for aspiring female entrepreneurs launched

2016

#295

Sir Tom Kibble, one of Imperial most esteemed and best loved academics passes away (see stories overleaf).

2017

Delve into the entire Reporter archive online: bit.ly/IC-Reporter

2012

2012 – London hosts the Olympic and Paralympic Games, with staff and students volunteering as games makers while the College provides sports and training facilities including hosting the Japanese Olympic team.

#247

First Imperial Festival

#234

Former Head of MI5 Baroness Manningham-Buller serves as the Chair of Imperial's Council



“ If I could be thought to have had one ambition before I came, it was to have people in this country not just saying Oxford and Cambridge were the best, but Oxford, Cambridge and Imperial. I think we're getting pretty close to that.”

Rector Lord Oxborough (1993-2000). Quote from Issue 100

2011

#227

Racing Green – a team of Imperial undergraduates, postgraduates and alumni – drive their all-electric car across the length of America



Sir Keith O'Nions serves as President and Rector of Imperial.

2010

#207

1 September: the College completes £28 million freehold purchase of a seven-acre site, previously owned by the BBC on Wood Lane. Plans continue to progress for what will become the White City campus (see issue 254)

2009

#189

£10m donation to form the Hamlyn Centre for Robotic Surgery

2008 – 2009 Sir Roy Anderson becomes 14th Rector

2008

#175

Imperial College and Imperial College NHS Healthcare Trust form the UK's first Academic Health Science Centre



2007

#173

Imperial's Centenary Celebration Launches

#149

Professor Mary Ritter becomes Imperial's first female Pro-Rector, focussing on postgraduate affairs



2005



#143

July 7: The Queen opens new College Main Entrance and Tanaka Business School

2004

#131

Tissue engineering pioneer Professor Julia Polak received a Damehood (see overleaf)

2003

#115

Prime Minister Tony Blair opens Imperial College's £13 million Wolfson and Weston research centre for family health which focuses on improving the health of women and babies

2002



#97

Three Imperial alumni and members of the Boat Club win gold at the Sydney Olympics (see overleaf)



2001



Sir Richard Sykes appointed Rector of Imperial

#106

11 May: HRH The Princess Royal, Chancellor of the University of London, launches the 150th anniversary of the Royal School of Mines – the oldest of Imperial's four constituent colleges

The people of *Reporter*

300
ISSUES OLD

We take a look at some of the surprising, funny and poignant stories from 300 issues of *Reporter*

Going global

For more than 60 years, intrepid Imperial students have set out to every corner of the globe on unique and daring expeditions combining adventure with research – supported by the College’s Exploration Board. *Reporter* has followed the exploits of these students, whether navigating the high peaks of Nepal (**Issue 75**), tracking the frozen tundra of Greenland (**Issue 142**) or cycling across the silk road route (**Issue 288**).

One story that stands out from the records though is that of alumnus explorer Andreas Mogensen. As a student, Andreas went out on two trips to South America. The first one, called Netspedition (**Issue 34**), involved canoeing to inaccessible areas of the Venezuelan Amazon to document butterfly biodiversity, sending regular digital reports and photographs via satellite phone to be uploaded to the embryonic internet.

In 2015 Andreas happened to be reading *Reporter*, which included the latest student expeditions, and got in touch to say that the Exploration Board had been the catalyst for his career

in exploration and that he was now an astronaut for the European Space Agency, due to launch to the International Space Station for his first mission in a few months’ time. *Reporter* of course interviewed him before his big day (**Issue 288, p10**). Asked by *Reporter* what makes a good explorer Andreas said: “Curiosity, a sense of wonderment at the beauty of our world, and a desire to explore and discover not only our surroundings but also our own mental and physical limits.”



Extracurricular

While the College is mostly known for science, engineering, medicine and business, sport has long played an important role in galvanising the community. The archetype for the sporting academic is perhaps Sir Roger Bannister, St Mary’s alumnus and miracle mile runner who featured in *Reporter*, for example when he opened the £250,000 Sir Roger Bannister Lecture Theatre (**Issue 139**). The Imperial College Boat Club at Putney has long been part of College life for many student rowers. A high point for the club came when three alumni – Simon Dennis, Louis Attrill and Luka Grub – secured gold at the Sydney Olympic Games in 2000 (**Issue 97**). Imperial took another Olympic podium 16 years later at the Rio games, this time in the women’s eight with alumnus Mel Wilson and fellow boat club rower Zoe Lee taking silver. Paralympian and PhD student Dave Henson also secured silver in the T42 200m. Many staff and students also did their bit as ‘Games Makers’ for the London 2012 Olympics.



Long service

Constant change has always been a theme of Imperial, as old buildings make way for state of the art facilities (see **Issue 285** for a comprehensive look at how the estate has changed). But what stays the same is a dedicated body of staff – many of whom remain at the College for several decades. A surprising number of academics remain active in their field and publishing well in their 80s and even 90s, as with *Reporter* regular Emeritus Professor Colin Caro (**Issue 292**). Just as impressive

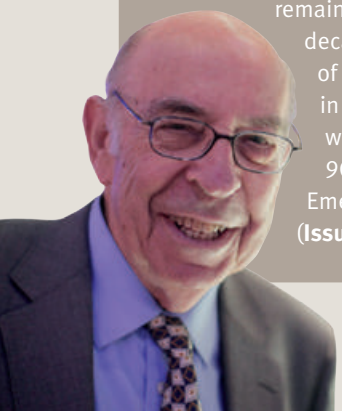
is the longevity of support staff. Aeronautics technician John O’Leary retired in 2006 with exactly 50 years of continuous service to the College (**Issue 161**), having started working in the Department in 1956, aged just 15. Whilst working at Imperial John also gave 23 years of service to the police as a special constable – for which he was awarded an MBE. The *Reporter* edition notes that he also gave self-defence classes to staff in the department.

Mick Reynolds, Harlington Sports Ground Manager, retired in 2013 after 48 years of service, most of them spent living on site at Harlington (**Issue 267, p14**). Mick

was awarded the President and Rector’s medal for supporting the student experience at Commemoration Day that year.

Trevor Beek, a technician in Physics marked 50 years of continuous service in 2015 and is still going strong (**issue 287**). Trevor has had the unique honour of having worked on numerous space missions.

Perhaps the most colourful quote from the archive belongs to long-serving technician Ray Gingell, who commented to *Reporter* on his 45-year stretch: “If I’d have done a murder, I’d have been released by now.” (**Issue 117**)



Reading list

Many members of the Imperial community are frequently published authors through the journals in which they disseminate their research and ideas. But some have also achieved more mainstream literary success. No doubt the most famous of these is Royal College of Science alumnus Herbert George (HG) Wells, the father of modern science-fiction and author of *War of the Worlds* (Issue 22). His legacy was celebrated recently when a student on Imperial's Horizons humanities module won the HG Wells Short Story Competition (Issue 292).

Professor Larry Hench, an Imperial biomaterials pioneer, found great success with his series of children's books featuring Boing-Boing



the Bionic Cat, aimed at inspiring young readers about science and engineering. Professor Hench told *Reporter* in Issue 89:

"My grandson, Danny, was partially allergic to cat fur and I dreamed up the cat as a story to cheer him up."

Professor Hench's close collaborator Dame Professor Julia Polak also found some literary fame, when her remarkable story was immortalised in the novel *Intensive Care* (Issue 105). In 1995 Julia fell ill with the very disease she had been studying. She required a lung transplant, which was performed by colleague and friend, Imperial surgeon Sir Magdi Yacoub. She went on to co-found the Imperial College Tissue Engineering



and Regenerative Medicine Centre.

Another poignant story was that of Professor F.J. 'Felix' Weinberg FRS. Born in Czechoslovakia in 1928, he survived internment in the Nazi concentration camps as a boy, then moved to England aged 12. He excelled at school and eventually became a Distinguished Research Fellow at Imperial in combustion physics. It was painful to write his memoirs, but he finally started it in his eighties finishing *Boy 30529: A Memoir* just before he passed away.

He writes: "I had a very happy childhood. It came to an end too soon and too abruptly, thanks to Adolf Hitler, but I believe that it is the early years that count." (Issue 158, 256).



Lasting legacies

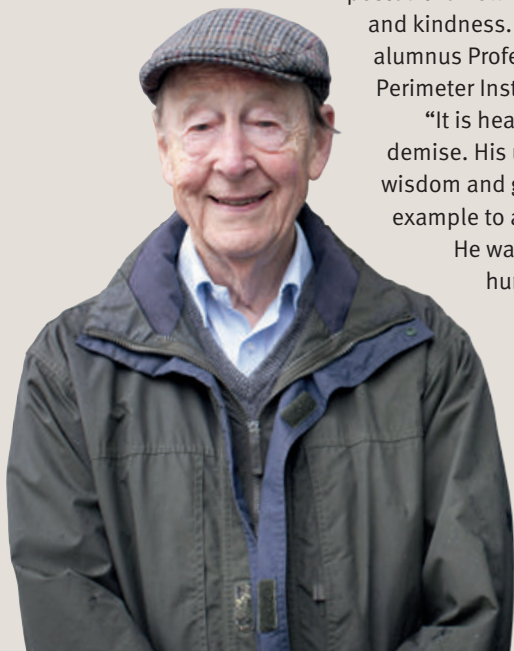
An important part of *Reporter* has always been to mark the passing of members of the community – both to celebrate their achievements and allow their friends and colleagues at the College a chance to mourn and remember them.

Although difficult to pick out particular figures, the tribute to Nobel laureate Professor Abdus Salam stands out. One of the foremost theoretical physicists of his generation, Salam was the first Muslim to win a Nobel Prize. The tribute to him in Issue 36 of *Reporter* was by one of his mentees, Professor Sir Tom Kibble, who wrote: "Salam has a secure place among the great men of science. He was a most stimulating colleague, a man of humanity and passion, with many friends and admirers, and some detractors, not least in his own country."

Sadly Sir Tom himself passed away in 2016, having made just as enormous impact on the field of theoretical physics as his mentor Salam. His obituary was published in Issue 295 of *Reporter* and online – where scores of his friends and former students posted their own tributes to his vision, humility and kindness. Among them was Imperial alumnus Professor Neil Turok, Director of Perimeter Institute for Theoretical Physics.

"It is heartbreaking to hear of Tom's demise. His unique and acute intelligence, wisdom and generosity set the very highest example to all of us fortunate to know him.

He was a true giant of science and of humanity. We miss him sorely."

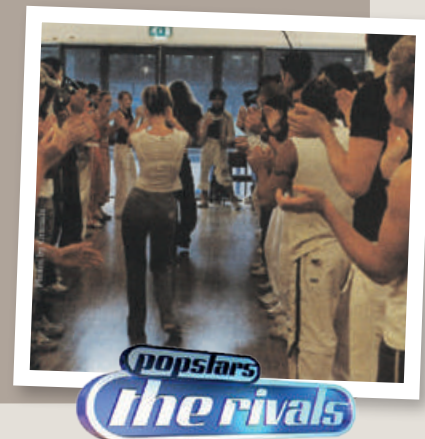


Delve into the entire *Reporter* archive online: bit.ly/IC-Reporter



And finally...

Imperial is of course a serious academic institution, but we don't necessarily shy away from the lure of big screen and *Reporter* has been there to document those rare occasions. Issue 123 recalls how Professor the Lord Ara Darzi collaborated on a James Bond film *Die Another Day*, and allowed the use of a Da Vinci surgical robot for one scene where a captured Bond is subject to medical experiments. Professor Darzi has been fascinated with Bond films since very young. "Surgeons and spies are alike as both aspire to serve their subjects with minimal fuss while using the best technologies around. Bond films have always been an inspiration to those with a technology interest," he said. "I never thought that one day, the department I headed would be making a contribution. It's great that Imperial College's know how has made it to the movie screen." The College also provided set location for another Hollywood blockbuster, with parts of *Basic Instinct 2: Risk Addiction* filmed at the Business School and Faculty Building (Issue 154). Perhaps fortunately, that didn't include many of the film's risqué scenes. For some reason known only to the producers, *Pop Stars*, an early version of the popular audition show format, was filmed at various locations at the South Kensington Campus (Issue 121).



Pure and simple

A PhD student from Imperial has shared his knowledge of ceramics with a charity to help improve the way water is purified in Uganda.

In the country, over ten million people lack access to a clean water source. The charity 'Spouts of Water' manufacture and distribute Purifaaya ceramic water filters using local materials, providing an affordable and easy-to-use solution for Ugandans to purify their water.

Wirat Lerdprom, a postgraduate student from the Department of Materials, travelled to Uganda



last month aiming to make a more efficient production process for manufacturing water filters developed by the charity.

Using his knowledge of ceramics, Lerdprom gave expert advice to the local workforce on how to improve the production process of the water filters.

His expertise helped to enhance the preparation of the raw materials, including the mixing and drying process of the ceramics, and improved the firing efficiency of ceramic whilst in the kiln. Since his first visit, the factory has increased the production yield of water filters from 55 per cent to 86 per cent – the best in their production since they started operating.

"This is an amazing feeling for me, as I know it's so difficult to find water there," Wirat said. "When I was in Uganda, I had no water or power, so it's great to know that more people can now have clean water to drink thanks to my knowledge."

Lerdprom's visit to Uganda was in response to a request from Kathy Ku, co-founder of the Spouts



Kathy Ku, the co-founder of Spouts, and Imperial PhD student Wirat Lerdprom

of Water who had reached out via the Royal Academy of Engineering.

Kathy Ku, the co-founder of Spouts, worked alongside Wirat in Uganda. Ku said: "Wirat was able to help make improvements and find solutions for problems we'd been struggling with for years."

"Having his expertise come to our site, bringing both industry and academic know-how, was invaluable; we look forward to continuing our partnership with Wirat to help provide clean drinking water across Uganda."

—TORI BLAKEMAN FOR COMMUNICATIONS AND PUBLIC AFFAIRS



The Purifaaya ceramic water filters produced by Spouts use both physical filtration and chemical disinfection methods. Tiny holes within the clay only allow water molecules to pass through, leaving larger harmful dirt and bacteria trapped in the filter. A thin layer of silver nitrate is also infused within the filter to enhance bacteria removal.



A toy story

Christmas may seem like a distant memory, but gift choices for children might have an impact on their later career choices. That's the thinking behind a new gender-neutral STEM Toy initiative pioneered by Imperial researchers.

"Although not explicitly stated, when we step inside a toy store the separation of products aimed at boys, and those aimed at girls, is all but apparent," said Dr Andrea Alenda Gonzalez, a former research fellow at the Centre for Bioinspired Technology at the College.

"The pink items are always separate from the items without pink, and when trying to find the products related to science, technology, engineering, and mathematics, they're more often than not regarded as suitable 'for boys and not for girls'."

This gender biasing in STEM toys is reflected in the reality that only 13% of STEM professionals in the UK are women. With the



KIBI Textures helps develop memory, concentration and speed

understanding that a child's interests are a product of their environment, Dr Alenda has pioneered the Science Toy Award to highlight how influential environment can be on the motivations, interests and future career choices of young children.

The organisers, many of whom are from Imperial, hope that encouraging gender-neutral and accessible STEM toys through the awards will increase their presence in the market.

Ultimately, they hope that this will reduce the gender biasing and lack of diversity in the professional STEM sector in the future.

The award praises those manufacturers that promote curiosity and encourage exploration in STEM through inclusive, open-ended, gender-neutral toys. Toy manufacturers from across the world competed for the award back in November, with 'Code Master' – a programming logic game that does not require a computer taking

first place. Among other retailers, the winning and finalist toys can now be purchased in the Science Museum shop.

For the 2017 award, Imperial plans to take a more leading role, developing the awards further by collaborating with outreach at the college.

If you would like to find out more about the Science Toy Award, visit sciencetoyaward.org

—TORI BLAKEMAN FOR COMMUNICATIONS AND PUBLIC AFFAIRS

Rocket man alumnus aims to blast off

Recent mechanical engineering graduate Parikshat Singh is trying to turn an idea born during his studies into a company that will revolutionise how rockets are designed.



What's your company called and what do you do?

We're called The Rocket Company, and our team includes another MEng graduate, Patrick Moniz. We make small, low cost rockets and put them into space. Our unique selling proposition is a development process which is about 20 times more cost-effective than any previous commercial program. Traditionally, rockets cost millions to manufacture and build, but billions to develop. We can do it considerably cheaper.

How does it work?

We're still operating in stealth mode, but what we can tell you is that we're re-building the entire process at the core of engineering development from the ground up. Although minor improvements have been made over time, the fundamental development framework has remained unchanged since the 1960s. Our technology is providing a much-needed overhaul. If we're right, we'll have the opportunity to bring about a change in space exploration.

How and when did you start the company?

I had a different idea for the company when I was a second year student, and I wanted to test it out. I worked on it separately from my actual thesis, for about a year or two. We formalised it fairly recently and now we've got a team of four, three of which are mechanical engineers from Imperial, working on it full-time.

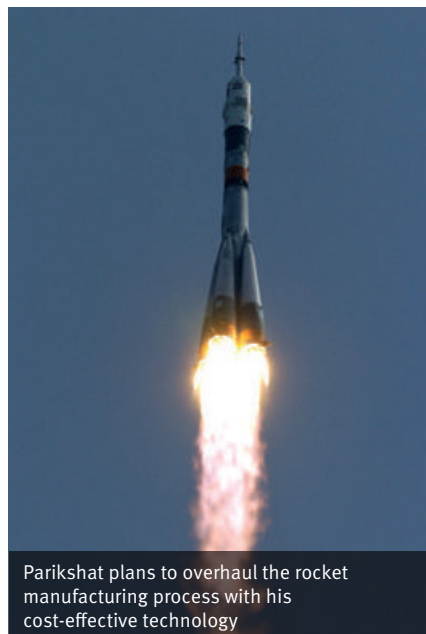
How was developing this company connected to your studies, and how did the College support you?

I couldn't do this without an engineering degree, fundamentally. In addition to that, I could reach out to supervisors quite early on and say: "I'm interested in this area, but I'm not able to work on it." And in those discussions we created projects which allowed me to explore the area, to learn about rocket propulsion and rocket design. Without that, I wouldn't have the tools or the skills to do what I'm doing now.

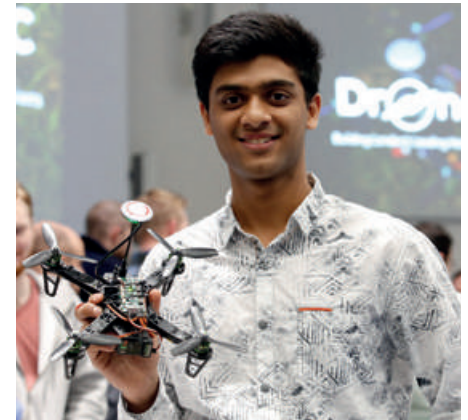
What would you say to other engineering students who want to become entrepreneurs?

I never wanted to be an entrepreneur, I still don't think I am, although once we get funded, I might be. I just really wanted to work in rocket propulsion. So my advice would be to find an area that you're very passionate about, and to make sure you work really hard on it. Oh, and don't be afraid to take risks! The core members of the team turned down fully-funded PhDs at Oxford and Cambridge and industry offers, and one of us quit his job and got on a one-way flight to London to make this happen.

—NADIA BARBU, MECHANICAL ENGINEERING



Parikshat plans to overhaul the rocket manufacturing process with his cost-effective technology



Drone Society launches at Imperial

The new student-led society will offer students the chance to engage in the latest developments in drone technology.

Following its launch this month, Imperial's DroneSoc seeks to be London's leading hotspot for drone enthusiasts. The society will host regular seminars, courses, and competitions for both students and the public, building on Imperial's world leading research in this area and the work of the Aerial Robotic Laboratory.

DroneSoc also used the event to launch their 'Quadbasics' programme, a structured course allowing Imperial students to build their own drone using 3D printed parts.

Taking place at Imperial's South Kensington Campus, the launch event featured demonstrations of a number of commercial drones in the specially erected 'flight arena'.

Gerald Low a student from the Department of Aeronautics and one of the founders of DroneSoc said: "We had over 200 people at the event – it was great to see such a large and enthusiastic audience. The speakers all offered different perspectives into the issues around drones which was really interesting to hear.

"We decided to start the society as there wasn't really a space for drone enthusiasts at the College. By bringing everyone together we're hoping to offer opportunities to learn new skills, meet experts from drone related industries as well as have some fun with the devices at our weekly flying sessions."

The event also brought together leaders in the unmanned aerial system field from academia, industry and aerospace regulators.

—JON NARCROSS, COMMUNICATIONS AND PUBLIC AFFAIRS

You can find more about Imperial's Drone Society, including upcoming events on their website: icdronesoc.com

long
service

Staff featured in this column have given many years of service to the College.

Staff listed celebrate anniversaries during the period 1 January–31 January 2017. The data are supplied by HR and correct at the time of going to press.

20 years

- Christina Balogun, Technical Analyst, ICT
- Dr Lara Cathcart, Associate Professor of Finance, Business School
- Professor Kim Christensen, Professor of Theoretical Physics, Department of Physics
- Dr Gary James Hampson, Reader in Sedimentary Geology, Department of Earth Science and Engineering
- Ms Virginia Harris, Executive Assistant to the Vice President (Innovation), College Headquarters
- Mrs Claire Hunt, Option Convenor, Centre for Environmental Policy
- Dr Tami Kramer, Senior Clinical Research Fellow, Department of Medicine
- Dr Robert Law, Reader in Chemical and Biological Materials, Department of Chemistry
- Dr Tanya Tolmachova, Research Fellow, National Heart and Lung Institute

30 years

- Mr Stephen Cussell, Senior Laboratory/Mechanical Engineering Technician, Department of Physics
- Mr Harminder Flora, Research Officer, Mechanical Engineering
- Professor Charles Godfray, Honorary Principal Research Fellow, Department of Life Sciences (Silwood Park)

40 years

- Mrs Fiona May, Senior Laboratory Technician, Department of Life Sciences
- Dr Susana Ortiz, Senior Research Fellow, Department of Chemical Engineering
- Mr Roger Pownall, Support Services Manager, Catering Services

50 years

- Martin George Gill, Technician, Department of Earth Science and Engineering
- Emeritus Professor Henricus Michels, Senior Research Fellow, Department of Chemical Engineering
- Dr Mike Rampling, Honorary Senior Lecturer, Department of Bioengineering

obituaries



TIM HEYMANN

Dr Tim Heymann, Reader at Imperial College Business School, passed away on 18 October 2016 aged 55. His friends and colleagues in the School, Professor Carol Propper and Dr Benita Cox, pay tribute.

“To say that Tim was a polymath would be an understatement. He was a distinguished doctor committed to clinical work and also held an MBA, with distinction, from INSEAD. His day-job was senior consultant gastroenterologist at the Kingston Hospital where he was responsible for a string of innovations in clinical and patient care. Somehow he also found time to be a Reader at Imperial College Business School, where he had a major input into both the Intercolated BSc

and the MSc in International Health Management.

In a world where egos can be very fragile, Tim was the exception. He was a modest, funny, clever and gracious person who had time for everyone. Despite his many achievements he never boasted, was always supportive to colleagues and students, executed great ideas and used a quiet, but deadly accurate, wit to expose silliness and pomposity.

On learning of Tim’s passing, one medical student said: “Tim was a great teacher and a wonderfully inspiring person who will be missed by so many. His memory will live on in all of us whose lives he impacted, especially as we apply his teachings and values in our own lives and careers to hopefully benefit society and help others.”

Indeed there isn’t a person in the Business School who is not touched by Tim’s death. We miss him dearly – his love for life and his wonderful insights. Our thoughts are with wife Amanda and his children.

Finally, Tim and Amanda set up a memorial fund to provide travel bursaries to medical students. He always enjoyed travelling, and knew that those trips made whilst a student can really broaden one’s perspective. The link is below for those who wish to donate.”

bit.ly/Heymann-fund

obituaries



GEOFF GREEN

Geoff Green, Chief Technician for the Undergraduate Teaching Laboratories, died 20 December 2016, aged 63. His colleague Harry Vine, Departmental Services Manager, pays tribute.

“Geoff initially trained as a teaching technician at the British Food Manufacturing Industries Research Association and came to Imperial College in 1978 via City University where he had worked for a short time on strain gauge technology.

Geoff always had a wide interest in the arts

and media and enjoyed a three-year career break from College to study and gain a BA in Art.

Since returning to Imperial in 1985 as Chief Technician for the Undergraduate Teaching Laboratories, Geoff supervised the staff and an increasingly diverse experimental environment for the growing numbers of Physics students.

The teaching laboratories were maintained as a pleasant working and functional environment under Geoff’s direction.

His comprehensive technical knowledge of experimental techniques and equipment was deployed to the lasting benefit of those he helped, taught and worked with. Whenever problems arose in the teaching labs Geoff could be relied upon as a source of calm and reflective resolution.

For students Geoff was an excellent and engaging instructor with an informal but in-depth and able teaching style. He was greatly respected by both students and staff.

Geoff is sadly missed by his colleagues and the Department. Our thoughts are with Geoff’s family.”

Welcome

new starters

Miss Louise Abela, Public Health
 Mr Christopher Adams, Sport and Leisure
 Ms Alma Ademovic Tahirovic, EEE
 Dr Jonathan Afoke, NHLI
 Dr Joseph Ahn, Mechanical Engineering
 Mrs Waheeda Ajmeri, Physics
 Mr James Alden, Centre for Environmental Policy
 Dr Mark Anderson, School of Professional Development
 Professor Thomas Anthopoulos, Physics
 Dr Hulya Arguz, Mathematics
 Miss Yana Armenova, EYEC
 Dr Kristoffer Baek, Medicine
 Dr Jingwen Bai, Computing
 Dr Andrew Ballantyne, Materials
 Mr Rhys Barnett, Physics
 Mr Jeffrey Barrie, Mechanical Engineering
 Dr Cheryl Battersby, Medicine
 Dr Efstratios Batzelis, EEE
 Mr Lucas Baumard, Medicine
 Mr Weston Baxter, Design Engineering
 Dr Esteban Beckwith, Life Sciences
 Mrs Katherine Bellenie, Computing
 Mr Michael Benson, Civil and Environmental Engineering
 Dr Alex Berry, Faculty of Engineering
 Ms Leena Bhaw, Medicine
 Mr Jack Blackburn, Medicine
 Dr Chloe Bloom, NHLI
 Dr Aurelien Boillat, Medicine
 Dr Lukasz Boryn, Surgery and Cancer
 Dr Eirina Bourtsoulatz, EEE
 Dr Reuben Brambleby, Civil and Environmental Engineering
 Dr Jonathan Breton, Surgery and Cancer
 Mr Mark Bruggemann, Civil and Environmental Engineering
 Ms Edita Bulovaite, Medicine
 Mr Tom Bultreys, ESE
 Professor Mark Burgman, Centre for Environmental Policy
 Miss Claire Byrne, Medicine
 Mr Ozan Kahir, Faculty of Natural Sciences
 Dr Elena Calzolari, Medicine
 Mrs Ulla Cameron, Education Office
 Mr Alberto Carceles Peiro, Centre for Environmental Policy
 Miss Sheena Cardoso, HR
 Miss Margarita Cariolou, Public Health
 Dr Jake Carson, Mathematics
 Miss Kimberley Chadwick, Sport and Leisure
 Mrs Nozuko Chanetsa, NHLI
 Dr Michele Chiappi, NHLI
 Mr Athanasios Christodoulis, Mechanical Engineering
 Ms Deniz Cizmeci, Medicine
 Miss Debbie Clarke, Registry
 Miss Leah Colthurst, Public Health
 Professor Francesca Cordeiro, Surgery and Cancer
 Miss Joyceline Cuenco, Medicine
 Mr Marco Da Costa Alves, Mechanical Engineering

Mrs Farah Dahalan, Institute of Clinical Sciences
 Miss Sophie Dany, Civil and Environmental Engineering
 Dr Timothy Dawes, NHLI
 Mr Francesco De Virgiliis, Medicine
 Dr Tisham De, Medicine
 Miss Lisa Del Bel Belluz, Surgery and Cancer
 Miss Sian Devlin, Education Office
 Miss Jasdeep Dhand, Business School
 Mr Daniel Dickens, Surgery and Cancer
 Mr John Dinnewell, ICU
 Mr Felix Dransfield, Medicine
 Ms Sabine Dziemian, Bioengineering
 Dr Shirley Echendu, Mechanical Engineering
 Mr Martin Eden, Public Health
 Dr David Eldred-Evans, Surgery and Cancer
 Ms Nadine Engineer, Public Health
 Mr Pedro Esperanca Grilo, Public Health
 Dr Oscar Fajardo, Chemistry
 Miss Kate Farrar, Registry
 Miss Labhaoise Farrell, Faculty of Medicine Centre
 Miss Esther Fatoba, EYEC
 Mr Moses Fawehinmi, Business School
 Miss Aleksandra Fedosyuk, Chemistry
 Miss Cindy Feng, Estates Division
 Dr Sarah Filippi, Public Health
 Dr Sara Filippini, Mathematics
 Mr Henry Firth, Student Recruitment and Outreach
 Miss Alex Fisher, Central Secretariat
 Miss Clara Fitzsimons, Public Health
 Dr Penny Fletcher, Advancement
 Miss Berta Font Cunill, Medicine
 Dr Paul Fossati, Materials
 Mr Robert Furniss, Life Sciences
 Mr Mohamed Gad, Surgery and Cancer
 Dr Alex Geringer-Sameth, Physics
 Mrs Ladan Ghiami, Education Office
 Miss Natasa Giallourou, Surgery and Cancer
 Miss Debbie Gilpin, Surgery and Cancer
 Professor Mark Girolami, Mathematics
 Dr Aisha Gloudon, Public Health
 Dr Antonia Godoy Lorite, Mathematics
 Miss Caroline Golden, Bioengineering
 Mr Marc Goldfinger, Medicine
 Dr Simon Good, Physics
 Mr Farrel Gray, Chemical Engineering
 Dr Stephen Green, Design Engineering
 Dr Sam Greenbury, Mathematics
 Miss Bryony Greenfield, Central Secretariat
 Miss Fatou Gueye, Surgery and Cancer
 Dr Liya Guo, Materials
 Miss Ishwori Gurung, Medicine
 Professor Geoffrey Hall, Physics
 Miss Nicola Halse, School of Professional Development
 Ms Jane Henderson, Finance
 Dr Nicolas Herzig, Design Engineering

Ms Karen Hoang, Medicine
 Ms Alexandra Hogan, Public Health
 Mr Thomas Hone, Public Health
 Ms Iqfa Hudda, Faculty of Medicine Centre
 Miss Emily Hue, Faculty of Medicine Centre
 Miss Roxana Hughes, Faculty of Medicine Centre
 Mr Christopher Hunt, Physics
 Dr Shahriar Islam, Medicine
 Mr Carles Izquierdo Wilson, Catering Services
 Mr Samuel Jackson, ESE
 Dr Farahnaz Jamil, Public Health
 Mr Zhiwei Jiang, Chemical Engineering
 Dr Milan Kabac, Computing
 Dr Shabnam Kadir, Bioengineering
 Mr Sokratis Kartakis, Computing
 Dr Brendan Kettle, Physics
 Miss Sarah Khaled, Surgery and Cancer
 Mr Christopher Khan, Estates Division
 Dr Daniel King, Materials
 Mr Ermis Koutsos, EEE
 Dr Teodor Krastev, Physics
 Mr Andres Kricka Garrido, Medicine
 Dr Merih Kucukler, Civil and Environmental Engineering
 Mr Navjot Kukreja, ESE
 Ms Nathalie Lambie, Medicine
 Ms Pinky Langat, Medicine
 Miss Mide Lawal, Business School
 Mr Phillip Lawton, Surgery and Cancer
 Dr Paul Lewis, Computing
 Dr Xin Li, Medicine
 Miss Joy Liao, Medicine
 Ms Chin-Hsuan Lin, Bioengineering
 Mr Xiaoyu Liu, Public Health
 Dr Ben Livshits, Computing
 Miss Eva Long, EYEC
 Dr Carlos Lopez Garcia, NHLI
 Dr Maria Lopez Jimenez, Surgery and Cancer
 Mr Jianlin Luan, Civil and Environmental Engineering
 Dr Mohammad Mahmud, Medicine
 Dr Daisy Mak, Physics
 Dr Amit Mandal, NHLI
 Ms Georgina Mann, Public Health
 Dr Andrea Massaia, NHLI
 Dr Alison McKinlay, Public Health
 Mr Kevin McRae-McKee, Public Health
 Mr Lorenzo Mencattelli, Aeronautics
 Dr Catherine Menon, Enterprise
 Mr Mohammed Miah, Faculty of Medicine Centre
 Mr Rishi Mistry, Physics
 Dr Philip Molyneux, NHLI
 Ms A. Isabel Morais Neto, Materials
 Mr Angus Morrison, ESE
 Mr Asher Mulkandov, Mathematics
 Miss Katherine Murphy, ESE
 Dr Thrishantha Nanayakkara, Design Engineering
 Dr Anca Nastase, NHLI
 Mrs Daiva Naudziuniene, Computing
 Miss Roza Nikolopoulou, Bioengineering
 Mrs Charlotte O'Brien, Medicine
 Ms Joan O'Brien, EEE
 Miss Megan O'Driscoll, Medicine

Dr Edward O'Dwyer, Chemical Engineering
 Mr John O'Neill, Business School
 Mr Alessandro Orchini, Mechanical Engineering
 Mr Konstantinos Pagkalis, Mechanical Engineering
 Dr Aditya Paranjape, Aeronautics
 Mr Cristian Parisi, Bioengineering
 Dr Thomas Pasvol, Medicine
 Mr Sharad Patel, Bioengineering
 Dr Jonathan Paul, Civil and Environmental Engineering
 Ms Ivana Pennisi, Life Sciences
 Dr Salvador Perez Montero, NHLI
 Mr Scott Peters, Life Sciences
 Dr Jonathan Pham, Public Health
 Ms Carmen Picon Munoz, Medicine
 Miss Elena Psyllou, Civil and Environmental Engineering
 Dr Lan Qie, Life Sciences (Silwood Park)
 Miss Egle Rackauskaite, Mechanical Engineering
 Professor Rino Rappuoli, Medicine
 Dr Nicholas Raske, Aeronautics
 Miss Carme Ripoll Fiol, Medicine
 Dr Terhi Riutta, Life Sciences (Silwood Park)
 Mr Matthew Robinson, Strategic Planning
 Dr Lassi Roininen, Mathematics
 Dr Nicolas Rojas Libreros, Design Engineering
 Dr Sara Romeo, Institute of Clinical Sciences
 Mr Florian Rossmann, Life Sciences
 Dr Fiona Rowan, Chemistry
 Miss Saadia Sajid, Central Secretariat
 Dr Susanna Sakonidou, Medicine
 Dr Grzegorz Sarek, Medicine
 Mr Vishnu Sathesh Kumar Nair, Civil and Environmental Engineering
 Miss Victoria Scott, Medicine
 Mr Daniel Scott, Chemistry
 Dr Amy Seakins, College Headquarters
 Dr Christopher Seez, Physics
 Mrs Nadia Segade, Business School
 Mr Gary Senior, Aeronautics
 Dr Munazza Shahid, Chemistry
 Dr Yuri Shitov, Physics
 Mr Robert Siddall, Aeronautics
 Dr Akela Silverton, ESE
 Ms Katerina Skalicka, NHLI
 Mr Neil Slaven, Surgery and Cancer
 Mr Wayne Smith, Surgery and Cancer
 Ms Jessica Smith, NHLI
 Ms Riitta Soiminen, Public Health
 Mr Anuj Sood, Medicine
 Mr Nicholas Spence, ICU
 Dr Jason Stafford, Chemical Engineering
 Dr Brigitta Stockinger, NHLI
 Ms Emma Stubbe, Student Recruitment and Outreach
 Dr Savitar Sundaresan, Business School
 Dr Piyada Supasa, Medicine
 Mr Ankit Surti, Mechanical Engineering
 Dr Bogachan Tahirbegi, Chemistry
 Miss Jennifer Taing, Public Health
 Dr Kirk Taylor, NHLI
 Miss Renay Taylor, Faculty of Medicine Centre

Miss Elizabeth Telford, Life Sciences (Silwood Park)
 Dr Ina Theofel, Institute of Clinical Sciences
 Ms Ute Thiermann, Centre for Environmental Policy
 Ms Hafwen Thomas, NHLI
 Ms Patricia Thru, ICU
 Mr Bension Tilley, Medicine
 Dr Carlos Torres Vitolas, Public Health
 Dr Vicky Tsipouri, Surgery and Cancer
 Ms Anna Turvey, Advancement
 Mr Marijn van Cappelle, ESE
 Dr Morteza Varasteh, EEE
 Dr Martha Vardaki, Chemical Engineering
 Mr Febin Varghese, Life Sciences
 Dr Claire Vassie, Faculty of Medicine Centre
 Amita Verma, Life Sciences
 Mr Arthur Wadsworth, Faculty of Natural Sciences
 Mr Jonathan Wagner, Chemical Engineering
 Dr Dong Wang, Mechanical Engineering
 Dr Kehuan Wang, Mechanical Engineering
 Ms Wiaam Wanis, Registry
 Dr Nicholas Wardle, Physics
 Dr James Webbe, Medicine
 Mrs Michelle West, NHLI
 Ms Clare Whelan, Student Recruitment and Outreach
 Dr Luke Wilkinson, Chemistry
 Mr Matthew Wilks, Student Recruitment and Outreach
 Miss Katharina Wilmes, Bioengineering
 Dr Kathryn Witmer, Life Sciences
 Ms Amanda Wolthuizen, Communications and Public Affairs
 Mr Joseph Worsfold, Computing
 Dr Bernice Wright, Life Sciences
 Mr Dong Yang, Mechanical Engineering
 Miss Megan Young, Medicine
 Dr Wenbo Zhan, Mechanical Engineering
 Dr Fangni Zhang, Civil and Environmental Engineering
 Dr Mimi Zhang, Business School

This data is supplied by HR and covers staff joining the College during the period 16 December 2016 – 6 February 2017. This data was correct at the time of going to press. For Moving On, visit the online supplement at www.imperial.ac.uk/reporter

✉ Please send your images and/or comments about new starters, leavers and retirees to the Editor at reporter@imperial.ac.uk

The Editor reserves the right to edit or amend these as necessary.

Farewell

moving on

Mr Abdulshakur Abdullah, Public Health
 Dr Rochan Agha-Jaffar, Medicine
 Mr Asif Akram, Public Health
 Dr Pablo Albella Echave, Physics
 Dr Khalid Alhaj Abdalla, Civil and Environmental Engineering
 Ms Kritibha Amatya, Public Health
 Dr Nicholas Andreas, Medicine
 Mr Ivan Andrew, Institute of Clinical Sciences (7 years)
 Mr Luca Anecchino, Bioengineering
 Professor Thomas Anthopoulos, Physics (10 years)
 Mr Epameinondas Antonakos, Computing
 Mr Jon Amtzen, ICT (16 years)
 Ms Ambreen Ashraf, Medicine (10 years)
 Dr Alison Arey, NHLI
 Mr Vitali Avagyan, Business School
 Dr Deren Barsakcioglu, EEE
 Mr Geraint Barton, Surgery and Cancer (11 years)
 Ms Kulbir Basra, Faculty of Medicine Centre
 Dr Robin Basu Roy, Medicine
 Dr Christian Baumgartner, Computing
 Miss Laura Baynton, NHLI
 Dr Philip Bergin, Medicine (10 years)
 Mr Luke Bevan, Grantham Institute
 Dr Gaurav Bhutani, ESE
 Ms Rowena Boddington, Business School
 Miss Ellen Bowler, Life Sciences (Silwood Park)
 Mr Alex Brabin, Estates Division
 Dr Andrew Bradley, Life Sciences (Silwood Park)
 Mrs Laura Braidford, Surgery and Cancer
 Miss Danielle Bream, Public Health
 Dr Nicholas Bristowe, Materials
 Dr Djordje Brujic, Mechanical Engineering (24 years)
 Dr Rajpal Burmi, Surgery and Cancer (5 years)
 Dr Alessandro Cabboi, Mechanical Engineering
 Mr Feipeng Cai, Computing
 Mr Luke Caldwell, Physics
 Dr Gianluca Campanella, Public Health
 Mrs Meriel Cartwright, Medicine
 Ms Kelsey Case, Public Health (9 years)
 Mr Jack Catling, ICT (6 years)
 Dr Bonnie Chaban, Life Sciences
 Miss Yik Chan, Life Sciences (Silwood Park)
 Dr Jason Chang, Bioengineering
 Ms Irene Chang, Public Health
 Dr Mohammad Chaudhary, Physics
 Dr Michele Chiappi, NHLI
 Ms Heather Chisholm, ICT (8 years)
 Ms Valentina Cisnetto, Life Sciences
 Mrs Anne Clarke, EYEC (8 years)
 Dr Adam Coleman, Medicine
 Mr John Conway, Faculty of Natural Sciences (9 years)
 Mr Massimiliano Cosso, Medicine

Mr Pedro Costa del Amo, Medicine
 Dr David Cox, Public Health
 Dr Mitchell Cuddihy, Materials
 Mr Grant Danskine, Sport and Leisure (14 years)
 Dr Shikta Das, Public Health
 Dr Gourab Datta, Medicine
 Ms Jennifer Davies, HR
 Mr Alexandre De Figueiredo, Mathematics
 Mr Alexander de Giorgio, Surgery and Cancer
 Mrs Yovanna Derpsch, Public Health
 Mr Justin Devito, Chemistry
 Dr Evgeniy Donchev, Materials
 Ms Helen Drummond, Central Secretariat
 Ms Maria Ellis, ICT
 Dr Hendrik Faber, Physics
 Ms Verity Farnham, Public Health
 Dr Marta Farras Mane, Surgery and Cancer
 Dr Veronica Ferrandiz, Civil and Environmental Engineering
 Dr Ioannis Filippis, Life Sciences (7 years)
 Ms Jasmine Finer, Physics
 Mr Tobias Fischer, EEE
 Mr Stephen Ford, Faculty of Medicine Centre
 Dr Jennifer Furman, NHLI
 Professor Douglas Gale, Business School
 Dr Vanessa Garcia Larsen, NHLI (9 years)
 Dr Esther Garcia Tunon Blanca, Materials
 Dr Ling Ge, College Headquarters (7 years)
 Dr Olivia Geraghty, Medicine
 Miss Lydia Gladstone, Faculty of Medicine Centre
 Dr Lisa Goers, Life Sciences
 Dr Daniel Gonzalez Carter, Materials
 Miss Katrin Gotsch, Institute of Clinical Sciences
 Dr Katerina Goudevenou, Medicine (6 years)
 Miss Leonie Gough, Life Sciences (Silwood Park)
 Ms Louise Greathead, Medicine
 Mr James Griffin, Faculty of Medicine Centre
 Miss Jiaping Gu, Civil and Environmental Engineering
 Mr Ramesh Gurajala, ICT
 Dr Pilar Gutierrez Escribano, Institute of Clinical Sciences
 Ms Sarah Guy, Bioengineering (5 years)
 Mr Arran Hamlet, Public Health
 Mr David Hayes, Finance (42 years)
 Mr Cai Heath, Public Health
 Emeritus Professor Richard Hillier, Aeronautics (6 years)
 Dr Tom Hills, Chemical Engineering
 Miss Rosi Hirst, Public Health
 Mr David Holton, Security Services
 Dr Matthew Horton, Materials
 Dr Mokter Hossain, Surgery and Cancer
 Dr Sile Hu, Computing
 Dr Michael Hurley, Public Health
 Mr Kevin Ilett, Faculty of Medicine Centre
 Dr Shareen Jaidee, Institute of Clinical Sciences
 Miss Emma Jameson, Advancement

Dr Pooyan Jamshidi Dermani, Computing
 Dr Andrew Jenkins, Chemistry
 Dr Jing Ji, Chemical Engineering
 Dr Jingjing Jia, Chemistry
 Mrs Carol Jovanovic, Finance (7 years)
 Mr Charalambos Kallepitis, Materials
 Miss Mohini Kalyan, Medicine
 Mr Christopher Kaye, Finance
 Dr Zoltan Kekacs, Surgery and Cancer
 Dr Tanika Kelay, Surgery and Cancer
 Mr Daniel Kelly, Computing
 Dr Dongyoon Khim, Physics
 Dr James Kimber, Chemical Engineering
 Mrs Peta-Ann King, Faculty of Medicine Centre
 Mr Savvas Kleanthous, Faculty of Medicine Centre
 Ms Lisa Koch, Computing
 Mr Panagiotis Kouvaros, Computing
 Dr Vratislav Krupar, Physics
 Dr Jean-Baptiste Lagrange, Physics
 Dr Rebecca Lane, Physics
 Professor David Lane, Medicine (37 years)
 Mr Chaipat Lapinee, Chemistry
 Mr Christoph Larnendorfer, Physics
 Mr Zuwei Li, Computing
 Mr Zukang Liao, Computing
 Dr Yen-Hung Lin, Physics
 Mr James Lindsay, ICU
 Dr Harpreet Lota, Institute of Clinical Sciences
 Dr Fiona Lucas, Surgery and Cancer
 Dr Pradeep Luther, NHLI
 Miss Anna MacLeod, Medicine (6 years)
 Professor Tony Magee, NHLI (15 years)
 Ms Yasmina Mallam Hassam, Business School
 Mr Wing Man, ICT
 Mr Jose Marcano Belisario, Public Health (5 years)
 Dr Patrizia Marchetti, Chemical Engineering
 Dr Severine Marechal, Civil and Environmental Engineering
 Dr Jonathan Marshall, Mathematics
 Mr Matt Martys, Education Office
 Ms Antonina Maryliv, Finance (13 years)
 Ms Rynne Matthias, Faculty of Medicine Centre
 Dr Linda McDonald, Medicine
 Mr Michael Mchugh, Public Health
 Mr Robert McKiernan, Medicine
 Dr Timothy Mcmanus Jr, ESE
 Dr Evgenia Mechleri, Centre for Environmental Policy
 Dr Maryam Mehrabi, Surgery and Cancer (9 years)
 Miss Prisca Merz, International Relations Office
 Dr Andrew Messer, NHLI (13 years)
 Professor Charles Michel, Bioengineering (16 years)
 Dr Marco Mion, Public Health
 Mr Joan Miro Blanch, Medicine
 Dr Shivani Misra, Medicine
 Dr Iman Mohagheghian, Mechanical Engineering
 Dr Matthew Moore, Mathematics
 Mr Will Mueller, Public Health
 Dr Bagus Muljadi, ESE
 Mr John Murray-Bruce, EEE

Dr Pratheeban Nambyiah, Institute of Clinical Sciences
 Dr Wilten Nicola, Bioengineering
 Miss Rocio Nogueira, Public Health
 Dr Ashley Nordsletten, Public Health
 Miss Tola Oshitelu, Medicine
 Mr Ilias Pagkalos, NHLI
 Mrs Sharon Palmer, Faculty of Medicine Centre
 Dr Michael Panagopoulos, Chemical Engineering
 Miss Alexandra Paterson, Physics
 Dr Varun Pathak, Medicine
 Mr Francis Peel, Public Health (7 years)
 Dr Teresa Peiro-Salvador, NHLI
 Miss Clare Pengelley, Public Health
 Dr Maxime Petit, EEE
 Mrs Debbie Phillips, Library (14 years)
 Mr Paul Poudevigne-Durance, Medicine
 Dr Raquel Prado Garcia, Chemistry
 Mr Aaron Prendergast, Surgery and Cancer
 Dr Erica Pufall, Public Health
 Miss Laura Pugh, Business School
 Dr Andreas Pusch, Physics
 Miss Deveena Raitthatha, ICT (11 years)
 Dr Kumara Ramaswamy, Mechanical Engineering (7 years)
 Mr Simon Rawstron, Public Health
 Dr Melanie Rees-Roberts, NHLI (5 years)
 Ms Hazel Ridgers, Medicine
 Miss Miriam Ries, Medicine
 Dr Cesare Robotti, Business School
 Dr Sara Rosas Martins, Life Sciences
 Dr Agnieszka Rutkowska, Chemistry
 Mr Christos Sagonas, Computing
 Mr Juan Sanchez Nieto, NHLI
 Mr Eric Schaanning, Mathematics
 Dr Sabrina Schlesinger, Public Health
 Mr Michael Schmutzer, Life Sciences (Silwood Park)
 Mr Boris Serafimov, Public Health
 Ms Laura Sharpe, Medicine (16 years)
 Dr Zhiyuan Shi, EEE
 Dr Nour Shublaq, EEE
 Dr Aaron Sim, Life Sciences
 Dr Way Sim, Civil and Environmental Engineering (5 years)
 Ms Irene Simmonds, Surgery and Cancer
 Dr Charanjit Singh, NHLI
 Miss Joanne Siwoniku, Faculty of Medicine Centre
 Dr Kate Skinner, Surgery and Cancer
 Dr Natalia Smoktunowicz, NHLI
 Ms Stephanie Somerville, Surgery and Cancer
 Dr Irina Spulber, Computing
 Mr Mark Stewart, Surgery and Cancer
 Dr Jean-Philippe St-Pierre, Materials
 Mr Andrew Styles, Finance
 Dr Vani Subbarao, Medicine
 Dr Sandeep Sundriyal, Chemistry
 Miss Jennifer Taing, Public Health
 Dr Pamela Tempone, ESE
 Dr Carolina Thieleke Da Silva Macedo Matos, NHLI
 Dr Gabrielle Thomas, Physics (5 years)
 Dr Joanne Tonkin, NHLI
 Mr Costa Toulis, Finance

Ms Zoe Townsend, Chemical Engineering
 Dr Fu-Min Tseng, Surgery and Cancer
 Dr Antonios Tsitos, Civil and Environmental Engineering
 Miss Fotini Tzakoniati, Chemistry
 Ms Chiamaka Ukegbu, Life Sciences (5 years)
 Dr Jonathan Underwood, Medicine
 Mr Alessandro Vandini, Computing
 Dr Gregory Verdon, Life Sciences
 Dr Petr Vikhorev, NHLI (7 years)
 Miss Julie Voce, ICT (9 years)
 Dr Vladislav Vyotskiy, Mathematics
 Mr Kamal Wahab, Public Health
 Dr Martin Walker, Public Health (6 years)
 Dr Chuan Wang, Medicine
 Dr Petra Wark, Public Health (7 years)
 Dr Cameron Weber, Chemistry
 Miss Katie Weeks, Advancement (6 years)
 Dr Gudrun Weiss, NHLI
 Ms Olivia Wiafe, Estates Division
 Miss Abigail Wighton, EYEC (6 years)
 Mrs Sarah Wilkins, Faculty of Medicine Centre (9 years)
 Dr Benjamin Williams, Mechanical Engineering
 Miss Carol Wooding, Institute of Clinical Sciences (5 years)
 Dr Robert Woodward, Physics
 Dr Alexander Wray, Chemical Engineering
 Dr Linus Wulff, Physics
 Dr Zhihua Xie, Chemical Engineering
 Ms Celine Yan, Medicine
 Mr Yangshen Yang, Business School
 Dr Justin Yeoman, Life Sciences (5 years)
 Dr Ling-Shan Yu, EEE
 Dr Weiren Yu, Computing
 Dr Sean Yuan, Public Health
 Dr Lazaros Zafeiriou, Computing
 Ms Sara Zakutansky, Life Sciences
 Dr Shou-Han Zhou, Bioengineering
 Mr Tomasz Zielinski, Sport and Leisure (5 years)
 Dr Giuseppe Zito, Bioengineering

Death in service

Mr Geoffrey Green, Physics (31 years)

Retirement

Mr Andy Cleeter, Security Services (19 years)
 Mr Nick Davies, ICT (37 years)
 Dr Parviz Habibi, Medicine (24 years)
 Mrs Patrizia John, ICT (9 years)
 Professor David Lane, Medicine (37 years)
 Dr Ming-Shi Li, Medicine (16 years)
 Professor Tony Magee, NHLI (15 years)
 Professor Steve Marston, NHLI (35 years)
 Dr Jenny Steel, Surgery and Cancer (17 years)
 Dr Mark Stoll, Medicine (18 years)
 Mr Kim Winter, Estates Division (18 years)



15 MARCH, 17.30

Caring for the critically ill: helping rebuild lives?

Survival rates of intensive care patients have increased markedly over the last few decades due to advances in critical care medicine, processes of care and organ support technologies. But what is the quality of life like for patients, during and after critical care treatment, and how can we

measure and improve this? Managing the longer-term impacts for intensive care patients and their families remains a major challenge. Hear about the history of intensive care medicine and how the longer-term impacts for intensive care patients is a current focus for research at Professor Stephen Brett's inaugural lecture



18 MARCH, 11.30

Imperial Fringe: Science and Sport Day

It's a Sports Day with a difference, as Imperial joins Queen's Park Rangers' football club in W12 to welcome families to a free, fun-filled festival of science and sport. Visitors will get the chance to meet scientists and QPR footballers and discover the science of football and

the secrets behind sporting success. If you're not football-crazy there will still be lots on offer - as well as food, drink and music, there will be games and hands-on science activities for all ages including fastest shot competition, sports drink chemistry, wearable 'ski coaches', lung testing, racing cars and more!

take note

Enterprise week

Staff are encouraged to participate in Enterprise Week 2017, a week of events to showcase the outcomes of enterprising student initiatives across the College led by Imperial Enterprise Lab. The Imperial College Advanced Hackspace will be exhibiting in the Main Entrance all week and staff can register or volunteer for two major events taking place as part of the week: the Althea-Imperial Final (21 March 2017) and the Venture Catalyst Challenge Final (23 March 2017).

20-24 March 2017
College Main Entrance

To find out more, contact Liz Choonara:
e.choonara@imperial.ac.uk



16 FEBRUARY, 17.30
The Future of Money

Celebrating the research behind our money, we are hosting a special discussion event with the Bank of England's chief cashier, Victoria Cleland.



20 FEBRUARY, 9.30
Data Science Challenges and Opportunities in Translational Medicine

Join The Institute for Translational Medicine and Therapeutics Data Science Group for a workshop on data science in translational medicine

21 FEBRUARY, 18.00
Design Engineering February Lecture

Hear from Professor Andree Woodcock, who will present learnings from leadership of EU transport projects



21 FEBRUARY, 10.00
Safety: a human perspective

Open to all, this seminar will explore different accidents which occurred at universities; subsequent lessons learnt and the human contributions and impact are examined

27 FEBRUARY, 10.30
Discussion and presentation with BBSRC Interim Chief Executive

Join an open discussion and presentation with Professor Melanie Welham, the Biotechnology and Biological Science Research Council's interim Chief Executive

28 FEBRUARY, 17.30
The Chemistry Department at Imperial College London: A History 1845-2000

Join the authors of a new book charting the extraordinary history of Imperial's Department of Chemistry across over 150 years at this launch event.



01 MARCH, 12.00
AHSC Seminar Series 2017 - Reducing the Burden of Lung Cancer

Two experts will talk about how we can work towards reducing the burden of lung cancer through research and improved treatment methods.

06-10 MARCH, 09.00
Women@Imperial Week

Women@Imperial is an annual celebration of the achievements of Imperial's female staff and students. A special event will take place on 7 March.



06 MARCH, 16.30
Private Housing Evening

Join the Student Hub for an exhibition and talk aimed at helping students find accommodation after Halls



08 MARCH, 17.30
Department of Mechanical Engineering Research Showcase 2017

Join Alan Begg FREng, ex Senior Vice President of Group Technology at SKF and Imperial Mechanical Engineers for an evening of talks and debates

08 MARCH, 16.00
How are the kids? Improving population child health and development

In his inaugural lecture Professor Mitch Blair will be describing how we can develop a system that optimises child health.



14 MARCH, 17.30
Adventures in Alloys

Join Professor David Dye for his inaugural lecture exploring advances in metallurgy, that have made cars more impact-resistant in crashes and developed 3D printable, high temperature cobalt/nickel superalloys for use in future jet engines

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