Welcome to this week’s newsletter.

This week we welcomed Madeeha Ahmed, laboratory analyst from GSK as part of our Speakers’ Programme. A write up is included and we thank Madeeha for her time in coming to speak with our students.

We hosted a coffee morning for the new to INA students in Year 12. We have a record breaking 38 students who have joined us. It was a pleasure to meet each of them with Ms McEvoy and Mr Singh and see how their start has been.

As you are all aware students in Year 13 will be sitting mock exams. The timetable is below:

<table>
<thead>
<tr>
<th>Times unless stated</th>
<th>Mon 7th Oct</th>
<th>Tue 8th Oct</th>
<th>Wed 9th Oct</th>
<th>Thu 10th Oct</th>
<th>Fri 11th Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P1</td>
<td>8:30 start Mathematics 1 120 mins</td>
<td>8:30 start Biology 120 mins</td>
<td>8:30 start AS Chemistry 1 90 mins</td>
<td>8:30 start English Literature (Keats &amp; Poem of the decade) 135 mins</td>
<td>8:30 start Mathematics 2 120 mins</td>
</tr>
<tr>
<td>P2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P3</td>
<td>Psychology 60 mins</td>
<td></td>
<td>History 2 Italy 45 mins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Afternoon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P5</td>
<td>History 1 Germany 90 mins</td>
<td>Politics 85 mins Approx 3:30pm finish</td>
<td>Economics 1 120 mins</td>
<td>Economics 2 90 mins</td>
<td>A2 Chemistry 2 75 mins Approx 3:20pm finish</td>
</tr>
<tr>
<td>P6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To support the Year 13 students with examinations we have agreed that they will have study leave during this period. Ms Mayet and Ms McEvoy have ensured that students are aware of the arrangements. We trust they will utilise this time to support with revision.

We wish you all the very best of luck!

With best wishes,

Ms Alibhai, Vice Principal and Head of Sixth Form
Dates for the diary

- INA Oxbridge/DMV deadline: 30th September
- Year 13 mocks: 7th October- 18th October
- Oxbridge/DMV deadline: 15th October
- Year 13 Reports: by 15th November
- School internal UCAS deadline: 6th December
- UCAS deadline: 15th January
- Final Year 13 Mocks: 10th February- 28th February
- A levels start: provisionally 11th May

- A level results day: 13th August 2020

Good Personal Statements

- Show a real passion for studying the subject
- Have tangible examples of where the candidate has shown an interest in the subject beyond the standard curriculum
- Show that the student has researched the courses that they applying for and can reference this
- About 10-20% can be about extra curricular, but the vast majority should be referencing super curricular
- Getting the grade is not enough!
**Geography Opportunities**

**A Level Study Day**

2 December 2019, 10.45am-3.30pm

Please arrive for registration at 10.15am

Royal Geographical Society (with IBG), 1 Kensington Gore, London, SW7 2AR

From £20.00 per person Packed lunch provided for teachers and students.

For more information, go to [https://www.rgs.org/events/autumn-2019/a-level-study-day/](https://www.rgs.org/events/autumn-2019/a-level-study-day/)

**GIS Day in partnership with Esri UK**

19 November 2019, 11.00am-3.00pm

Doors open at 10.30am

Royal Geographical Society (with IBG), 1 Kensington Gore, London, SW7 2AR

From £5.00 per person

For more information go to: [https://www.rgs.org/events/autumn-2019/gis-day-in-partnership-with-esri-uk/](https://www.rgs.org/events/autumn-2019/gis-day-in-partnership-with-esri-uk/)

---

**Speakers Programme**

This week we welcomed Madeeha Ahmed a Lab Analyst from GSK, as our guest speaker. Ms Ahmed’s presentation focussed on the key skills all employers look for, she gave very specific and detailed examples of why they look for such skills and the consequences of employing people who haven’t developed those skills. We hope this will encourage students to think about how they can develop these skills further.

Ms Ahmed grew up in Redbridge and attended school and sixth form in the borough. She mapped out an educational journey which our students can relate to, and spoke in detail about her role. She provided an insight to all students aspiring to study Chemistry at degree level and the differing careers they could enter. As well as this Ms Ahmed spoke about the key values required at GSK which were a mirror of the NHS values students would be expected to display if they wished to study a degree in the following fields: Medicine, Dentistry, Veterinary Science, Pharmacy, and Optometry.
Developing an effective HIV vaccine: what do we need and when will we get there?

24 October, 17:00–18:15

Format: 60-minute discussion with 15 minutes of Q&A

Have a question for the panel? Register for the webinar now.
Ask your question in the registration form before 18 October 2019.

EAVI2020 researchers will tackle these challenging questions in a roundtable discussion. This webinar, on the challenges of HIV vaccine development will take place on 24 October and we welcome anyone interested in vaccine development to register.

First attempts to develop a vaccine against HIV started in the 1980s. Thirty years on and we still do not have a viable vaccine. Why has it been so difficult? What is needed to realise the goal of an effective vaccine? Is the development of a vaccine still a priority?

Facilitator, Dr Roger Tatoud - International AIDS Society

Prof Robin Shattock - Imperial College London

Dr Roger le Grand - Commissariat à l’ énergie atomique et aux énergies alternatives (CEA)
Science without borders

09 Oct 2019, 18:00–21:00

Imperial Lates celebrate the latest in science and engineering at Imperial College London - bringing the public together with world leading minds in their respective fields, who not only love what they do, but also love sharing their work with new audiences.

A perfect evening’s entertainment for adults of all ages and backgrounds. Anyone with a curious mind is welcome to get hands on with our research, brought to life through live demonstrations, creative workshops, interactive experiments and inspiring talks. Pick the brains of the people behind the ideas, innovations and breakthroughs to discover how their work could impact our society and change our futures.

Register for this Imperial Lates to receive a preview of the full programme of live demonstrations, workshops and talks, and help us track attendance numbers.

Please note that registration alone does not guarantee seats for our talks, tours or workshops. However those who have pre-registered will be given the first opportunity to book places on anything with limited spaces.

Black holes, entropy and strings

14 Oct 2019, 19:00–20:30

Professor Jerome Gauntlett, Chair in Theoretical Physics, Department of Physics

Summary
They are predictions of Einstein’s theory of General Relativity, our best theory of gravity, and they have recently been directly observed using gravitational waves.

By incorporating quantum theory we know that black holes have entropy, a concept that was first introduced to understand the properties of heat.

This remarkable fact is considered to be a key clue for elucidating the fundamental laws of physics, which may well involve string theory.

This event is organised by Friends of Imperial. If you wish to attend, let Ms Joy know as soon as possible and she should be able to arrange free tickets for you.
(Dis)solving the world’s problems
02 Oct 2019, 17:30–18:30

The field of sustainable processing, which uses chemical and biological process to turn waste in wealth, can play a critical role in the circular economy, prolonging the lifespan of the products we produce - even contaminated or toxic materials. Construction wood, treated with metals like chromium and arsenic to preserve it from rotting away, might seem too complex for recycling and destined for landfill.

However, chemical engineers like Jason Hallett, Professor of Sustainable Chemical Technology at Imperial College London, are challenging conventional wisdom on the limitations of green solvents such as ionic liquids by taking an economic approach to chemistry, tackling chemical problems where cost is most prohibitive. By focusing on key steps, such as making the critical biocatalytic reactions that turn wood into sugar cheaper, his team developed a whole new approach to biomass deconstruction.

Free to attend, but you need to register on Eventbrite.

What can the NHS learn from healthcare in low income countries?
09 Oct 2019, 18:30–20:00

Did you know that a condom, a catheter and a piece of string can be used to create a life-saving medical device? The Bangladeshi obstetrician Dr. Sayeba Akther has deployed these three low-cost and widely available materials to create an intrauterine balloon tamponade, which can stanch bleeding following childbirth, providing a lifeline for many women in rural Bangladesh.

Across parts of Uganda, doctors use small snippets of mosquito nets to treat hernias, with no difference in health outcomes compared to the more expensive surgical mesh used in the U.K.

Should the NHS be considering these interventions as well?

Referred to as frugal innovations, these low-cost interventions and solutions are often the ingenious ideas of local entrepreneurs who have been doing more with less for longer. Many of these frugal innovations have the potential to spill over from low-income settings into high-income settings, challenging the idea of western dominance in healthcare, and proving that we have much to learn from innovators in resource-scarce settings. However, there are several unique barriers to adoption in the NHS, which means that these innovations are often discounted at an early stage.

Mark Skopec is part of a team of researchers in Imperial’s Department of Primary Care and Public Health identifying ingenious new approaches to healthcare from across the globe. In his Science Café talks at Imperial Lates: Science without borders, he will explore what we can learn from low-income countries when it comes to healthcare, and why we evaluate research from certain contexts differently. He will argue that to truly benefit from a two-way exchange of global knowledge, we must address our implicit biases against research and innovation from the developing world.

Talks will start in the College Café at: 6:30pm - 7:10pm - 7:45pm
THE POLITICS OF THE POLICE - Book Launch
16 October 2019, 18:00–20:30

‘This revised, enlarged and updated edition of a classic in criminology offers an insightful analysis of the most critical issues in contemporary law enforcement. Bringing together several disciplines and resolutely adopting a global perspective, the book is an indispensable resource for social scientists interested in this contentious topic.’ (Didier Fassin, Professor of Social Science at the Institute for Advanced Study, Princeton)

‘The Politics of the Police is a classic. This edition adds a sophisticated analysis of global issues to reveal the critical importance of political and socioeconomic context to democratic policing and the challenges posed by neoliberalism. This is essential reading for anyone interested in why politics matters to policing.’ (Michelle D. Bonner, Professor, Department of Political Science, University of Victoria)

To celebrate the publication of the fifth edition of The Politics of the Police, King’s College London (in collaboration the LSE Mannheim Centre and the British Society of Criminology) will host a book launch and symposium.

The event will be chaired by Professor Betsy Stanko (former director of research for the MPS) with commentaries from Dr Alison Wakefield (Portsmouth), Professor Jenny Fleming (Southampton, editor of Policing and Society) and Professor Ben Bradford (UCL). The event will be followed by a drinks reception.

REGISTER WITH EVENTBRITE TO ATTEND

Frederick Mostert’s Inaugural Lecture - Free Speech and Internet Regulation
15 October 2019, 18:30–20:00

Free speech has always been dependent on the healthy exchange of opinions on public forums, but shaping these forums to the challenging contours of today’s online world presents unique challenges. Social media platforms serve as the prime source of knowledge and human thought for many users and have taken on the identity of ‘the modern public square’, as noted by the US Federal Supreme Court. Governments have presented new regulatory proposals for privately-controlled platforms virtually overnight in contrast to their traditional hands-off approach to platform regulation. The Internet Safety Report in the UK, the EU Directive on Copyright in the Digital Single Market and the US President’s Memorandum on Combating Trafficking in Counterfeit and Pirated Goods, and a slew of other regulatory proposals were produced within an extraordinarily short space of time. The lecture will suggest solutions to the inherent conflict between free speech and regulation on the internet by analysing digital due process in cyberspace.

Frederick is Professor of Practice at The Dickson Poon School of Law, King’s College, London, a Research Fellow at the Oxford Intellectual Property Research Centre, University of Oxford, and a Research Fellow at Tsinghua University, Beijing. He is the founder of the Digital Scholarship Institute and Digital Communities Lab. He was inducted into the Intellectual Property Hall of Fame in 2015, which honours those who have helped to establish intellectual property as one of the key business assets of the 21st century.

Frederick is principal author and editor of Famous and Well-known Marks – An International Analysis. He is also the author of numerous articles and other publications, including From Edison to iPod – Protect Your Ideas. His op-eds have appeared in the Financial Times and the South China Morning Post. He is consulted by news organisations and his publications have been cited by courts throughout the world.
‘Got Quality?’: The Urgent Need to Focus on Quality and Not Solely Costs.

7 October 2019, 17:00–18:30

The U.S. health care system is undergoing a transition from a fee-for-service payment system, where health care reimbursement is based on procedures, physician visits or hospitalisations, to a payment model based on value. Value is based on both the cost and quality of care. As the USA and other nations make this transition, it is crucial that we develop actionable quality measures which examine patient and family outcomes, not just care processes. In this lecture, the challenges of measuring the quality of care for seriously ill and dying persons will be discussed, using lessons learned from developed quality measures for public reporting in the USA.

Joan M Teno is a physician health services researcher with over 25 years of experience conducting research that has impacted and transformed end-of-life care in the U.S. Dr Teno was a hospice medical director for 18 years. In 2018, Dr Teno was named one of the visionaries in hospice and palliative care. Throughout her career, she has been one of the leaders in defining and operationalising how we measure the quality of care for those who are dying through bereaved family member surveys and use of administrative data.

Opening remarks by Professor Sir Robert Lechler, Executive Director, King’s Health Partners, Vice-principal (Health), King’s College London. Closing remarks by John McGrath, Chairman at Cicely Saunders International

This event is free to attend, as places are limited, we ask that you please RSVP to register your place, emailing csi.events@kcl.ac.uk or phoning 0207 848 5587.
**Messengers: who we listen to, who we don’t, and why**

*Tuesday 01 October 2019 6:30pm to 8:00pm*

*Hosted by the Department of Psychological and Behavioural Science*

Why are self-confident ignoramuses so often believed? Why are thoughtful experts so often given the cold shoulder? And why do apparently irrelevant details such as a person’s height, their relative wealth, or their Facebook photo influence whether or not we trust what they are saying? These are just some of the questions that behavioural experts Steve Martin and Joseph Marks tackle in their new book Messengers: Who We Listen To, Who We Don’t, and Why which they will discuss in this talk.

*Joseph Marks (@joemarks13) is Doctoral Researcher, University College London.*

*Steve Martin (@scienceofyes) is the CEO of Influence At Work and author of Yes! 50 Secrets from the Science of Persuasion.*

*Paul Dolan (@profpauldolan) is Professor of Behavioural Science and Head of the Psychological and Behavioural Science Department at LSE.*

This event is free and open to all with no ticket or pre-registration required. Entry is on a first come, first served basis.

---

**Multiculturalism and Animal Ethics**

*Tuesday 01 October 2019 6:30pm to 8:00pm*

*Hosted by the Forum for Philosophy*

Animal advocacy has made significant progress in recent decades, with the welfare of animals now enshrined in national and international law. But what should we do when cultural or religious traditions appear to conflict with these notions of animal welfare?

How does Western influence in non-Western societies affect the scale and type of animal exploitation? And in a world where racism is rife, can we practice animal advocacy while avoiding cultural imperialism?

*David Grummet is a Senior Lecturer in Theology and Ethics at the University of Edinburgh.*

*Angie Pepper is a Lecturer in Philosophy at the University of Birmingham.*

*Varun Uberoi is a Senior Lecturer in Political Theory and Public Policy at Brunel University.*

*Danielle Sands (@DanielleCSands) is a Fellow at the Forum for Philosophy and a Lecturer in Comparative Literature and Thought at RHUL.*

This event is free and open to all with no ticket or pre-registration required. Entry is on a first come, first served basis.
In this event about his new book Guy Standing leads us through a new appraisal of the commons, stemming from the medieval concept of common land reserved in ancient law from marauding barons, to his modern reappraisal of the resources we all hold in common.

Accelerated by Margaret Thatcher and then even more so in the austerity era, our Commons have been depleted illegitimately. The commons belong to all commoners, and include the natural resources, inherited social amenities and services, our cultural inheritance, the institutions of civil common law and the knowledge commons. The rights of commoners were first established in the Magna Carta and the Charter of the Forest in 1217.

This presentation will draw on a new book to show how all forms of commons have been taken in the neo-liberal era, through enclosure, commodification, privatisation and, most shockingly, colonisation. It will highlight how this has increased inequality. It will conclude by outlining the key components of a 44-Article Charter of the Commons that could be an integrated part of an ecologically progressive politics in Britain and elsewhere.

This event is free and open to all with no ticket or pre-registration required. Entry is on a first come, first served basis.

Four top thinkers from the world of international relations - John Ikenberry, Linda Yueh, Kori Schake and Michael Cox in the Chair - will here debate the idea of ‘Anglo-america’, what the relationship between the USA and UK has meant for the world in the twentieth century, and how a retreat by both from the world - and perhaps from each other - will impact on the international system.

“There is general agreement amongst scholars of IR that the international system is passing through a major and potentially disturbing transition. There are at least two component parts of this: one leading to a real questioning of the liberal order more generally; and another which is asking very serious questions about the longer-term viability of the so-called - but still significant- ‘Special Relationship’ between the United Kingdom and the United States. The two processes are closely connected. Thus, Brexit and Trump taken together present a genuine threat to the props that have hitherto supported the global economic order. A weakening of these two props in turn poses a threat to the stability of the Transatlantic relationship. And a diminution in the ties binding the Atlantic area together are bound to weaken the leadership of the West.” – says Professor Michael Cox.

This event is free and open to all with no ticket or pre-registration required. Entry is on a first come, first served basis.
On 15 October, join Sara Shamma; Rachel Witkin, Helen Bamber Foundation; Professor Parosha Chandran, The Dickson Poon School of Law (King’s College London); and Dr Siân Oram, Institute of Psychiatry, Psychology & Neuroscience (IoPPN) for a panel discussion as part of the Sara Shamma: Modern Slavery exhibition programme.

After becoming aware of the display and sale of women and girls in slave markets in Syria and Iraq, Shamma was moved to explore and draw attention to the psychological impact of modern slavery. Through interviews with survivors of modern slavery and professionals working in the field, the artist brings a raw and unique artistic perspective to one of today’s greatest challenges.

Women in Mind is a series of events by the Women and Mental Health Special Interest Group, Royal College of Psychiatrists, in collaboration with the Institute of Psychiatry, Psychology & Neuroscience, King’s College London, aiming to engage health professionals and the public in debate and discussion about challenges to women’s mental health across the life cycle.

Combatting Inequality: tackling unfairness in wealth, jobs and care
Monday 07 October 2019 6:30pm to 8:30pm
Hosted by the International Inequalities Institute

The III is celebrating its fourth year of work by launching three new themes which focus our work in the areas where we see the issue of inequality debate taking on new intensity and importance. The three theme leaders will each introduce their themes and explain their importance, leading to a panel discussion.

Mike Savage will lay out how analyses of inequality require us to engage with wealth as well as income inequality, and how this points to the power of elites. Beverley Skeggs will reflect on how care work is a crucial part of the global economy, and how inequalities of race, gender and class are bound up with its global chains. David Soskice will discuss how cities are becoming central loci of inequality and how we need to understand better how processes of segregation are related to transformations in the knowledge economy.

This event will therefore introduce the future work of the III and will be a great opportunity to learn more about the gravity of inequality challenges today.

This event is free and open to all, on a first come, first serve basis.
Millennials are making a splash in U.S. politics and could play a key role in the 2020 Presidential campaign and beyond. Yet Millennials’ political views—and the economic experiences that shape those views—remain poorly understood.

Joseph C. Sternberg (@josephsternberg), author of The Theft of a Decade: How the Baby Boomers Stole the Millennials’ Economic Future, will present an overview of Millennial economics in America and of how the Great Recession particularly affected Millennials in ways that continue to resonate even as economic conditions have improved. Understanding these trends is important to discerning what Millennial voters want, and how effectively politicians of any party are catering to them ahead of the 2020 election.

This event is free and open to all, on a first come, first serve basis.

There is a rich tradition of claiming therapeutic powers for philosophy, but if philosophy is the love of wisdom, is ignorance bliss? Is philosophy only about sharp arguments and subtle distinctions, or can it help us find better ways to live? Join us as we discuss whether thinking philosophically can be a form of self-help.

Beverley Clack is Professor in Philosophy, Oxford Brookes.
Molly Macdonald is Lecturer in Literary Theory, QMUL.
John Skorupski is Professor of Moral Philosophy, St. Andrews.
Shahidha Bari (@ShahidhaBari) is Fellow, Forum for Philosophy and Professor of Fashion Cultures, UAL.

This event is free and open to all, on a first come, first serve basis.
Accountability and Transparency in Government: The Duty of Parliament to Hold the Prime Minister to Account

*Annual Mishcon Lecture 2019 - Dame Margaret Hodge MP*

15 October 2019, 6:15–8:15 pm

Margaret became the Labour Member of Parliament for Barking in June 1994. She has served in government, holding portfolios across education, work and pensions, business and culture. In 2010, Margaret also became the first elected Chair of the Public Accounts Committee and was also its first female Chair. Today, Margaret is the Chair of the APPG on Responsible Tax as well as the Chair for organisations in the arts and higher education.

**Schedule**

- 18:15 Reception
- 19:00 Lecture begins
- 20:00 Lecture ends
Global Governance Society End of Year Event: Reasons to be cheerful about climate governance!

01 October 2019, 6:15pm–7:30pm

The past few years have given us many reasons to be pessimistic, including the rise of right-wing populism, US retreat from key international institutions, the political uncertainties and divisions caused by Brexit, and, of course, a rapidly closing window of opportunity to avoid catastrophic climate change. Nevertheless, there are reasons to look beyond the ‘doom and gloom’! And this year’s Global Governance & Ethics Society End of Year Event will be focusing on the reasons to be cheerful about climate governance.

This year we shall be joined by our keynote speaker Dr Thomas Hale whose work has focused on environmental governance and finding ways through gridlock.

We will also be joined by the Research Director of InfluenceMap, Thomas O’Neill, whose work strives to remove barriers to climate policy and action, with a focus on corporate lobbying and finance.

Finally, we shall be joined by Adrienne Buller, a former GGE student who leads on the Finance Project at InfluenceMap and is the Director of Policy for Labour for a Green New Deal, where she works on developing a radical climate policy agenda and organising at the grassroots level.

We welcome you to join us for this year’s Global Governance Ethics Society End of Year Event and reasons to be cheerful!

Student Residential Accommodation in Global Cities: Improving student experience and engagement

10 October 2019, 4:30–6:00pm

Starting university is a pivotal moment in the lives of young people. Moving into a new home in an unfamiliar city or country, surrounded by new people, is often their first taste of independence. But what effect does student accommodation have on the student experience and their engagement with their studies? How can accommodation providers create a welcoming environment to attract residents year after year?

In a pioneering academic study into student accommodation in global cities, UCL’s Global Centre for Learning Environments in the Bartlett Real Estate Institute, has identified best practice in ensuring a positive student experience and engagement within student residential accommodation (SRA), and key aspects of the role of SRA providers and operators in achieving that end. Student Living by Sodexo sponsored the research.

Now, Student Living by Sodexo and UCL’s Global Centre for Learning Environments warmly invite you to a symposium to hear more about the research, and have a chance to discuss this topic with fellow industry thought leaders. A networking reception and optional tour of UCL’s innovative space at Here East will follow.
In this talk, coinciding with the UNESCO International Year of the Periodic Table, Dr Wilkins will discuss the astrophysical origins of the chemical elements, almost all of which have an origin ranging from the big bang, to exploding white dwarfs, the collapse of massive stars, and the merger of ultra-compact objects, neutron stars.

This final mechanism is responsible for many of the heaviest and rarest elements including gold, silver, and uranium, and was only recently confirmed through observations of a merger event first identified using gravitational waves.

Stephen is a Senior Lecturer in Astronomy at the University of Sussex.