An analysis of Imperial College London’s endowment fund has revealed significant direct and indirect investments in the tobacco, fossil fuel, weapons, and pharmaceutical industries. As of September 2017, the College was investing £3.5 million in the tobacco industry, nearly £9 million in the fossil fuel industry, £3.1 million in the arms industry, and over £16 million in pharmaceuticals, out of a total fund of over £266 million.

These investments include those where the College has directly invested within a company – for example, their £496,000 investment in Exxon Mobil – and those where they have placed money in an investment portfolio containing said companies. These holdings make up almost half of all the money the College has invested.

In response, Rhidian Thomas, Imperial College Union’s Ethics and Environment Officer, told Felix: “I’d like to congratulate Imperial on succeeding in bringing together a comprehensive selection of some of the most ethically dubious companies around, all in one portfolio. It’s staggering that anyone in College thinks it appropriate for a university – a charity even – to give so much money to the arms and extraction industries. Even College’s commitment to avoid investing in tobacco seems paper-thin, now that it’s clear that it has millions invested in it through third-party funds; so much for “smoke-free Imperial”.

Tobacco

Imperial has around £3.5 million invested indirectly in the tobacco industry, through investment funds. Their investments include some of the major worldwide brands: through their largest two contributions to investment funds, Imperial have over £650,000 invested in Philip Morris, the maker of Marlboro cigarettes, which previously threatened to sue the UK government for “billions of pounds” of compensation if plain packaging was introduced.

Imperial also has £400,000 in Imperial Brands, and over £370,000 in Reynolds American, a subsidiary of British American Tobacco – the largest publicly traded tobacco company in the world.

The investments seem at odds with Imperial’s medical research, particularly that into cancer prevention and treatment. Smoking is linked to at least a dozen forms of cancer, and tobacco smoke contains more than 50 chemicals that can cause cancer. Smoking also has a number of other effects on health, particularly on the cardiovascular and respiratory systems, increasing the risk of strokes, heart attacks, and lung disease. Smoking is estimated to cause 6 million deaths each year, with 600,000 of those down to secondhand smoke inhalation.

Imperial has a number of initiatives to encourage students to reduce their smoking, including programs to reduce exposure to secondhand smoke.

Imperial has over £12 million invested in fossil fuels and tobacco // Felix

---

**Tobacco, oil, and arms – where Imperial is investing its money**

Fred Fyles
Editor-in-Chief

An analysis of Imperial’s investments reveals significant holdings in tobacco, arms, oil and gas, and pharmaceuticals.
Felix’s UCU source said: “The large profits made by UK universities show the money is there; they are just unwilling to spend it on retaining high quality staff. “Many of my colleagues have discussed leaving academia because the pay disparity between academics and industry is now so great. Imperial could easily earn double what I do now if I went into industry,” they added. Times Higher Education has reported that 93% of staff voted in favour of a strike. UCU members at Imperial are more likely to be forced to retire in order to switch to the new pension scheme than other academics. Imperial have set aside a £60 million fund for occupational pensions, which they invest in order to generate interest. The endowment fund is contained tobacco since at least 1977. Researchers at Imperial have found that the “vital” pot of money has no access to the latest technologies, leading to “expensive and inefficient” research. By switching to the new arrangement, the amount of money being spent on research and teaching would be reduced by 20-25% compared to the current scheme. A UCU spokesperson said: “With the new scheme, universities could be forced to spend less on research and teaching and less on staff welfare. “The benefits of the new scheme are likely to be negligible and it would be a step backward for UK academia.”

Staff set to strike over planned pension pot changes as universities claim they cannot afford to pay in

NEWS
Joanna Worwald
Deputy Editor

Members of the University and College Union are prepared to walk out over proposals that could slash their pensions.


We want you – yes, we’re looking for writers, photographers, editors, illustrators, reporters, computer experts and grammar nerds to join our team. No experience needed – we’ll teach you everything you need to know. If you’re interested, send us an email on felix@ic.ac.uk

Show me the money

The Felix Team
Editor-in-Chief
Fred Fyles

Deputy Editor Joanna Worwald

News Editors Joanna Worwald

Politics Editors Andrew McCallum Fraser

Comment Editors Andrew McCallum Fraser

Science Editors Rosalind Gunby

Tech Editor Tom Muzer

Arts Editors Ashleigh Spry

Books Editors Andrew McCallum Fraser

Music Editors Ashley Tate

Art Editors Corin Calvert

Film Editors Tamas Henckel

Podcast Editor Joanna Worwald

Food Editors Char and Lili White

Editorial Production Officer Jo Haddock

NEWS
Joanna Worwald
Deputy Editor

The news was announced by the University’s Twitter account on Monday morning. Despite the disruption, floor 5 remained open and accessible. The news was followed by the messages of support from students and staff. The management team was quick to respond and keep the students updated.

Leaking library closes recently re-opened area

Leaking library closes recently re-opened area

We don’t need water leaks in our newly renewed library! We need water-free libraries! We call on the Management to listen to our concerns and fix the leaks as soon as possible!

The language department is closed due to water leaks. The students are frustrated because they can’t access the resources they need. The management team should take immediate action to fix the leaks and ensure that the library is safe and usable.

Leaking library closes recently re-opened area

We can’t believe it! The library was finally reopened after several months of renovations, and now it’s closed again due to water leaks. This is unacceptable. The management team should prioritize the safety and convenience of the students and fix the leaks immediately.

Leaking library closes recently re-opened area

The leak is causing damage to the books and the library furniture. The students are worried about the long-term effects of the leak on the library’s collection. The management team should take responsibility and fix the leaks as soon as possible.

Leaking library closes recently re-opened area

We can’t believe it! The library was finally reopened after several months of renovations, and now it’s closed again due to water leaks. This is unacceptable. The management team should prioritize the safety and convenience of the students and fix the leaks immediately.

Leaking library closes recently re-opened area

We can’t believe it! The library was finally reopened after several months of renovations, and now it’s closed again due to water leaks. This is unacceptable. The management team should prioritize the safety and convenience of the students and fix the leaks immediately.

Leaking library closes recently re-opened area

We can’t believe it! The library was finally reopened after several months of renovations, and now it’s closed again due to water leaks. This is unacceptable. The management team should prioritize the safety and convenience of the students and fix the leaks immediately.
"Further investigation showed some of the investment funds had included tobacco since 2013"
 Universities minister visits Imperial robots to announce extra medical funding (but skips the students)

Joanna Wormald Deputy Editor

Sam Gyimah has promised extra funding for medical projects on his first official outing as universities minister.

Science and Universities minister Sam Gyimah was officially hosted by the University of Oxford by visiting Imperial and announcing extra funding for medical research.

The Industrial Strategy Challenge Fund (ISCF) will provide £70 million to support projects such as “medical drones” and will speed up the development and production of medicines and virtual reality (VR) in order to aid recovery.

Gyimah met with several academics to see how technology can improve medical practices. These projects include Zooz, a robot that helps autistic people to understand and convey emotions; the Kiwi, which detects whether issues are serious; and the Da Vinci 4.0, which can show where an area is damaged.

However, Gyimah did say that the research being carried out at Imperial was “brilliant” and said the new funding from the ISCF will “unlock the innovations that will help people live better, longer lives”.

He added: “This investment will only support jobs of high value, highly skilled jobs but will develop life-saving treatments that could change lives across the UK.”

When Gyimah took over the role as universities minister from Jo Johnson earlier this month, he announced he would be touring UK universities. In an article for The Times, Gyimah said: “I will continue to visit universities across the country to meet with principals, lecturers, students and researchers, but also, crucially, to speak directly to students.”

“I want them (students) to have a voice and be heard in the corridors of power. I’d like to think of myself as a minister for students as much as a minister for universities. Politics should be a dialogue, not a monologue, so I’m looking forward to discussing tuition fees, safe spaces, access to higher education, and our potential post-Brexit, in a robust and honest fashion.”

“Funding will unlock the innovations that will help people live better, longer lives”

The percentage of Oxbridge entrants from state schools has gradually increased // Picture credit: University of Oxford

Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods.

This makes Imperial the most unequal university in England in terms of socioeconomic status.

“Itempal has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. This makes Imperial the most unequal university in England in terms of socioeconomic status.”

“Imperial’s entry rate for students was eleven times higher for those from well-off backgrounds”

Data from university admissions body UCAS revealed that 10 universities had a ratio of more than 9:1.

Ten universities had a ratio between student satisfac-
tion and means-tested non-repayable loans. In an article for The Times, Gyimah said: “In response to the data, the government will propose a new system which will not only support students but will develop better, longer lives.”

Cambridge had the largest gap between students from privileged backgrounds and those from disadvantaged backgrounds.

Although Gyimah said he “enjoys the challenge of being the second most unequal university in the country,” he pledged that the government would continue to “work hard to close the gap.”

Imperial has committed to investing £1 billion in the Royal National Orthopaedic Hospital in London.

“This investment will only support jobs of high value, highly skilled jobs but will develop life-saving treatments that could change lives across the UK.”

“When Gyimah took over the role as universities minister from Jo Johnson earlier this month, he announced he would be touring UK universities.”

Imperial was highlighted in Union Council meeting states: “There is no reliable association.”

The NSS data revealed that Imperial had overtaken OXFORD in the latest equal league for england in the year.

UCAS data have revealed that Imperial has overtaken OXFORD in the latest equal league for england in the year.

UCS data have revealed that Imperial has overtaken OXFORD in the latest equal league for england in the year. Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. Oxford University has also voted to withdraw from the boycott over the role as university minister from Jo Johnson earlier this month.

“Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. This makes Imperial the most unequal university in England in terms of socioeconomic status.”

“The NSS has been discredited as a measure of assessing teaching quality”

Data from university admissions body UCAS revealed that 10 universities had a ratio of more than 9:1.

Ten universities had a ratio between student satisfaction and means-tested non-repayable loans. In an article for The Times, Gyimah said: “In response to the data, the government will propose a new system which will not only support students but will develop better, longer lives.”

Cambridge had the largest gap between students from privileged backgrounds and those from disadvantaged backgrounds.

Although Gyimah said he “enjoys the challenge of being the second most unequal university in the country,” he pledged that the government would continue to “work hard to close the gap.”

Imperial has committed to investing £1 billion in the Royal National Orthopaedic Hospital in London.

“This investment will only support jobs of high value, highly skilled jobs but will develop life-saving treatments that could change lives across the UK.”

“When Gyimah took over the role as universities minister from Jo Johnson earlier this month, he announced he would be touring UK universities.”

Imperial was highlighted in Union Council meeting states: “There is no reliable association.”

The NSS data revealed that Imperial had overtaken OXFORD in the latest equal league for england in the year. Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. Oxford University has also voted to withdraw from the boycott over the role as university minister from Jo Johnson earlier this month.

“Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. This makes Imperial the most unequal university in England in terms of socioeconomic status.”

“The NSS has been discredited as a measure of assessing teaching quality”

Data from university admissions body UCAS revealed that 10 universities had a ratio of more than 9:1.

Ten universities had a ratio between student satisfaction and means-tested non-repayable loans. In an article for The Times, Gyimah said: “In response to the data, the government will propose a new system which will not only support students but will develop better, longer lives.”

Cambridge had the largest gap between students from privileged backgrounds and those from disadvantaged backgrounds.

Although Gyimah said he “enjoys the challenge of being the second most unequal university in the country,” he pledged that the government would continue to “work hard to close the gap.”

Imperial has committed to investing £1 billion in the Royal National Orthopaedic Hospital in London.

“This investment will only support jobs of high value, highly skilled jobs but will develop life-saving treatments that could change lives across the UK.”

“When Gyimah took over the role as universities minister from Jo Johnson earlier this month, he announced he would be touring UK universities.”

Imperial was highlighted in Union Council meeting states: “There is no reliable association.”

The NSS data revealed that Imperial had overtaken OXFORD in the latest equal league for england in the year. Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. Oxford University has also voted to withdraw from the boycott over the role as university minister from Jo Johnson earlier this month.

“Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. This makes Imperial the most unequal university in England in terms of socioeconomic status.”

“The NSS has been discredited as a measure of assessing teaching quality”

Data from university admissions body UCAS revealed that 10 universities had a ratio of more than 9:1.

Ten universities had a ratio between student satisfaction and means-tested non-repayable loans. In an article for The Times, Gyimah said: “In response to the data, the government will propose a new system which will not only support students but will develop better, longer lives.”

Cambridge had the largest gap between students from privileged backgrounds and those from disadvantaged backgrounds.

Although Gyimah said he “enjoys the challenge of being the second most unequal university in the country,” he pledged that the government would continue to “work hard to close the gap.”

Imperial has committed to investing £1 billion in the Royal National Orthopaedic Hospital in London.

“This investment will only support jobs of high value, highly skilled jobs but will develop life-saving treatments that could change lives across the UK.”

“When Gyimah took over the role as universities minister from Jo Johnson earlier this month, he announced he would be touring UK universities.”

Imperial was highlighted in Union Council meeting states: “There is no reliable association.”

The NSS data revealed that Imperial had overtaken OXFORD in the latest equal league for england in the year. Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. Oxford University has also voted to withdraw from the boycott over the role as university minister from Jo Johnson earlier this month.

“Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. This makes Imperial the most unequal university in England in terms of socioeconomic status.”

“The NSS has been discredited as a measure of assessing teaching quality”

Data from university admissions body UCAS revealed that 10 universities had a ratio of more than 9:1.

Ten universities had a ratio between student satisfaction and means-tested non-repayable loans. In an article for The Times, Gyimah said: “In response to the data, the government will propose a new system which will not only support students but will develop better, longer lives.”

Cambridge had the largest gap between students from privileged backgrounds and those from disadvantaged backgrounds.

Although Gyimah said he “enjoys the challenge of being the second most unequal university in the country,” he pledged that the government would continue to “work hard to close the gap.”

Imperial has committed to investing £1 billion in the Royal National Orthopaedic Hospital in London.

“This investment will only support jobs of high value, highly skilled jobs but will develop life-saving treatments that could change lives across the UK.”

“When Gyimah took over the role as universities minister from Jo Johnson earlier this month, he announced he would be touring UK universities.”

Imperial was highlighted in Union Council meeting states: “There is no reliable association.”

The NSS data revealed that Imperial had overtaken OXFORD in the latest equal league for england in the year. Imperial has the largest gap between students from affluent areas and those from disadvantaged neighbourhoods. Oxford University has also voted to withdraw from the boycott over the role as university minister from Jo Johnson earlier this month.
Grumpy Bastard hates new Black Mirror

Is there anything bleaker than Charlie Brooker’s vision of humanity’s future? Yes. Grumpy Bastard’s reaction to the whole thing.

The second episode was a little better. The concept of using a far-fetched technology to be a far more controlling parent was interesting, but I really, really, really hope engineer bloke would be made to feel bad. Those poor, lonely, depressed, overfed, underused South Americans.

The fourth episode was quite frankly ridiculous. Essentially it is driven by a device that allows an insurance saleswoman to view people’s memories to settle claims. That and a murderous psychopath that decides that killing everyone is the best way to protect the insular society she lives in. Quirky, quite frankly. I see no problem with murder, but this is almost a mercy killing, but in the end, the killer is found out by an inconveniently placed hamster. The problem that is hamstrung has terrible eyesight and are mostly driven by a need to shag and/or to murder any sexual command before dying of a heart attack due to over-excitement or a surfeit of heart attack due to over-excitement. The sixth episode is the worst of the batch. Black Mirror is a pathetic attempt to cannonise the whole of Black Mirror and place it all within one universe, I don’t think I’m alone when I say this is a terrible idea. Black Mirror all taking place in the same universe only serves to limit places on what it can explore next. There are some truly groundbreaking technological ideas that will change the way society works, and if this programme does not do just them then another major form in order to be protected from any kind of ideas which they might find offensive. This episode is terrible. It is, after all, the easy path to take. UC Berkeley took the hard path and had to spend about $600,000 on security for an event in which conservative speaker Ben Shapiro was to speak. A similar free speech problem is found here in the UK, which is probably why new ex-minister Jo Johnson had called out universities and threatened them with fines over their so-called “no-platforming policies.”

Students are being protected from ideas that are not to their liking. This is creating a culture akin to the Mediterranean one where kids can’t play outside for fear of threats, this is creating a culture akin to the Mediterranean one where kids can’t play outside for fear of threats.

The concerns of white working-class men were largely ignored while their employment was being depersonalised and their life expectancy declined. It makes perfect sense because people who are causalists would fill that top of concern that the left was never ready to even begin to address. In light of this crisis of dialogue an unlikely hero of the defence of free speech has arrived. University of Toronto’s Jordan Peterson, which separated our souls to power their life soups to power their life soups. Essentially it is driven by a device that allows an insurance saleswoman to view people’s memories to settle claims. That and a murderous psychopath that decides that killing everyone is the best way to protect the insular society she lives in. Quirky, quite frankly. I see no problem with murder, but this is almost a mercy killing, but in the end, the killer is found out by an inconveniently placed hamster. The problem that is hamstrung has terrible eyesight and are mostly driven by a need to shag and/or to murder any sexual command before dying of a heart attack due to over-excitement or a surfeit of heart attack due to over-excitement.

The sixth episode is the worst of the batch. Black Mirror is a pathetic attempt to cannonise the whole of Black Mirror and place it all within one universe, I don’t think I’m alone when I say this is a terrible idea. Black Mirror all taking place in the same universe only serves to limit places on what it can explore next. There are some truly groundbreaking technological ideas that will change the way society works, and if this programme does not do just them then another major form in order to be protected from any kind of ideas which they might find offensive. This episode is terrible. It is, after all, the easy path to take. UC Berkeley took the hard path and had to spend about $600,000 on security for an event in which conservative speaker Ben Shapiro was to speak. A similar free speech problem is found here in the UK, which is probably why new ex-minister Jo Johnson had called out universities and threatened them with fines over their so-called “no-platforming policies.”

Students are being protected from ideas that are not to their liking. This is creating a culture akin to the Mediterranean one where kids can’t play outside for fear of threats, this is creating a culture akin to the Mediterranean one where kids can’t play outside for fear of threats.

Felix presents...
The endowment fund: to divest or not to divest

As Imperial publishes the results of its endowment fund, Shaul Rosten argues that Divest has a long way to go and needs a new way to do it.

Shaul Rosten
Comment Writer

Divest Imperial is a movement urging the University to divest its endowment investments in fossil fuel-related companies, an approach similar to that taken by many large pension funds in recent years. This week the Felix team has procured data from Imperial, giving a rough breakdown of the investment areas of the endowment funds, which totalled over £266m in 2017.

Although direct fossil fuel investments comprised only 1.7% of the total portfolio, supporters of the Divest Imperial movement will be disheartened by the fact that this figure remains almost steady from 2016, being reduced by a mere £400,593; this feels more like a tailwind of some poor investments, rather than an active divestment strategy. In addition, the University only explicitly stated their direct holdings in various sectors, with over 50% of the fund included in various investment portfolios. Upon closer examination of the precise contents of the various funds by the Felix team, it was determined that, through these investment funds, an equivalent of £3.5m was invested in tobacco companies, and an additional £2.8m in fossil fuel companies, on top of the direct fossil fuel holdings the University explicitly stated.

Their reasonable demands for transparency aside, however, the Divest Imperial movement seems, to my mind, a slightly flawed approach to ensuring that the University upholds its moral standards in a world of serious climate concerns. For the first part, is divestment of fossil fuel holdings – which, at £8.8m (including oilfield services), are hardly noteworthy from the corporation’s point of view – actually going to have the slightest impact? There are plenty of wealthy climate change sceptics, and sceptical organisations, who would happily purchase these shares and buoy the industry, with or without Imperial’s help. That is not to say that because some people are willing to do bad things, so should we; rather, I would hope that instead it makes the Divest Imperial movement think more carefully about the most effective way of deploying the capital Imperial has at its disposal. As a shareholder (dependent on the class of shares it owns), Imperial has a seat at the table, and this has been increasingly used by investment vehicles to demand greater Environmental, Social and Governance (ESG) awareness and performance from their portfolio companies. Imperial could leverage this exposure to the industry, and partner with similar minded shareholders, to demand from their portfolio companies greater R&D into renewables, and a weaning off of environmentally damaging fossil fuel projects. This would actually engage the companies that are doing the damage, and proactively champion the causes of conservation and environmental protection, rather than simply walking out of the room whilst they do it.

This jumps straight onto the second issue that Divest Imperial have not addressed: that some of the major fossil fuel corporations are some of the biggest investors into renewable technologies in the world, and the capital Imperial have placed into them allows the University to put their money where their mouth is, betting on companies such as Royal Dutch Shell, who have plans to increase their annual renewables R&D spending to $1Bn+, and who have made bold pledges to tackle global carbon pollution. Whilst the data provided by Imperial in no way makes it clear that this is their approach to fossil fuel investment, Divest Imperial must consider these possibilities before demanding a blanket divestment, which may achieve little toward their overall moral aims.

There is a third and final point also yet to be considered by Divest Imperial. Yes, the fossil fuel industry is a generally damaging one for the environment, but, as pointed out above, Imperial’s divestment from that industry will not deter them from continuing their nefarious practices. However, what it might do is hamper the returns of the Imperial portfolio, as academic studies have previously posited. If Imperial holds these investments, however, and sees the financial benefit of doing so, it can use this capital to invest in the various cutting edge renewable technologies that flow freely from the academic work it undertakes. That way, at least some of the profits from fossil fuels will be being put to good use, instead of ending up in the pockets of those to whom climate issues are not a great concern.

Overall, I think that Divest Imperial make an important point: that, as a public body that should be an example to wider society, it is important that Imperial – and other Universities with large investment trusts – embrace an attitude of ownership and transparency, setting out clearly and regularly their investment philosophies, holdings, and impacts. However, the simple cry for divestment is perhaps not the most constructive way forward. Divest Imperial, although sound in principle, must consider the nuances of the argument, to forge a constructive plan to enable Imperial to use its financial position to best tackle global challenges, in a maximally effective way.

“Reasonable demands for transparency aside, divestment seems to be a flawed approach”
Connect with conservation – successes in 2017

If the Chinese authorities are committed to enforcing their ban on ivory, elephants might bounce back!

2017 was a peculiar year for us all, with world politics moving on its head, as well as the United States of America pulling out of the Paris Climate Agreement. None of this seemed to phase the passionate and dedicated conservationists working around the clock to ensure that their species of choice would be here for future generations to enjoy. To fill you all with optimism moving into 2018, here are a few stories from the past year which highlight the fact that we are indeed on the right track.

One of the most shocking announcements, which took me by surprise, was China’s decision to shut down the ivory trade within the country. China put a huge amount of pressure on elephants for their ivory for both medicinal and decorative purposes. This ban does not necessarily halt the trade of ivory due to lucrative black markets, but if the Chinese authorities are committed to enforcing the new laws, then perhaps elephants may just have a chance to bounce back!

A recent survey of the little-known Indus River dolphin from Pakistan turned up some very positive results. Scientists surveyed the dolphins over a month-long period, and now estimate that there are 1,816 individual dolphins remaining in Pakistan. These numbers are anything but compelling, but it is great news considering that when the first census was completed in 2001, there were estimated to be only 1,200 dolphins remaining. This is a 50% increase in numbers! Despite this, the dolphins are still listed as endangered on the International Union for Conservation of Nature Red List due to the growing threats of habitat loss, pollution, and drowning in nets. There is clearly still a lot to be done, but conservation efforts are moving in the right direction.

A study published in September analysed the population trends of the world’s seven sea turtle species and showed something truly amazing. The numbers of sea turtles as a whole are growing, which has further been helped by years of conservation efforts that have played a key role in the recovery of their population. Sea turtles have historically suffered population declines due to hunting, accidental capture, drowning in fishing nets and the illegal harvesting of eggs. Again, this is very encouraging news, but we cannot grow complacent. Conservation depends on the ongoing commitment and collaboration of multiple parties to ensure their hard work is not undone. You do not have to be a conservation biologist to make a difference: being active in your local community with conservation work can contribute to larger goals. Maybe in 2019, we are looking back at 2018, a project you were involved in will be highlighted.

The Rocky Balboa of the animal kingdom

Mantis shrimps are known to compete for burrow sites used for feeding, mating, breeding and refuge from predation. Conflict occurs in both sexes, using striking second maxillipeds – regions of the mouthparts – to deliver high power strikes, and stabbing to puncture the opponents. Furthermore, Telson sparring – where individuals strike each other on their heavily armoured tail plates – also occurs.

A recent study examining conflicts in mantis shrimps (Neogonodactylus bredini) tried to determine what assessment models they use when determining RHP to choose whether to engage in a contest for resources. Three models exist: pure self-assessment, cumulative assessment and mutual assessment. Pure self-assessment involves an individual assessing their personal RHP, with the loser stopping the fight once self-inflicted costs reach a critical threshold. Cumulative assessment involves an individual assessing themselves and their competitor’s RHP, with the loser forfeiting once self and opponent-inflicted costs (physical injury) reach a critical threshold. Finally, in mutual assessment an individual assesses both their own and their opponent’s RHP, with the loser bowing out when they realise they are of a lower competitive ability than their opponent.

The study involved placing two individuals, resident and intruder, which were matched by body length and mass, in an arena containing a burrow. Contests were analysed using correlational and sequential analysis methods to determine which of the three models were used by the shrimps. The winner was defined as the individual that obtained the burrow after the contest. Contests between N. bredini occurs in escalating stages including: eye tracking and approaching; visual or chemosensory behaviour; Telson sparring; and contest resolution. The researchers discovered that burrow residency status – i.e. resident vs intruder – was as important in the contest outcome. In random contests, resident individuals had a 49.6% RHP advantage compared to others, while in body-type matched contests residents had only a 9.7% RHP advantage. Similarly, body mass was an important determinant of contest outcome, with larger individuals able to produce stronger strikes. Telson sparring was used by individuals for assessment and contest settling without death or injury by comparing body mass and RHP. Based on these results and through their analytical methods, researchers were able to conclude that mantis shrimps use the mutual assessment model, ruling out the pure self and cumulative assessment models.

This study resolves controversy around the type of experimental technique to employ when researching contests: a combination of correlational and sequential analysis is recommended ensuring strong empirical testing that may be used in future contest studies.
How does climate change impact our mental health?

I
to a world where enormous amounts of information are provided nonstop via 24-hour television channels and digital media, it should not be surprising to find that news has a profound effect on mental wellbeing. Accounts of war and extreme poverty are already concerning for a significant part of the general public; however, all these problems pale in comparison to climate change.

Many people cannot avoid feeling some kind of existential angst when they are confronted with images of starving polar bears, melting glaciers, and tiny tropical atolls being swallowed by increasing sea levels. Now, new research addresses in detail the different ways climate change is already concerning for individuals focus on the whole phenomenon. However, except for the clients amongst us, people rarely put much thought into how they feel about it. Why should we? There is far more climate science involved in this industry than you might imagine. Many people have been found to experience a loss of wildlife and habitat degradation that is entailed in a pessimistic climate scenario. Each of the groups both the old and the young express dire forecasts. However, the study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The upcoming hair dye revolution: How techniques used in the pharmaceutical industry can pave a new route towards greener, safer hair dyes.

My aunt recently dyed her hair black claiming that it would make her look younger. While her statement is highly debatable, it is certain that fashion consciousness is on the rise, leading to the growth of the hair-dyeing industry. However, except for the clients amongst us, people rarely put much thought into how they feel about it. Why should we? There is far more climate science involved in this industry than you might imagine. Many people have been found to experience a loss of wildlife and habitat degradation that is entailed in a pessimistic climate scenario. Each of the groups both the old and the young express dire forecasts. However, the study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study was carried out by researchers at the University of Arizona using a sample size of 342 individuals. They classified the environment-concerned segment of the population, as those who are “aware of environmental problems and support efforts to solve them-and/or indicate a willingness to contribute personally to the solution” in three categories: egotistic, social-altruistic, and biospheric. Individual egotistic focus on the effectiveness of their own actions on the environment and have more concern about the impact on the general society, while the biospheric segment is more concerned about the collective loss of wildlife and habitat degradation that is entailed in a pessimistic climate scenario. Each of the groups both the old and the young express dire forecasts. However, the study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.

The study stressed that the perception of this problem is very subjective and is related to one's role in society. The social-altruistic individuals are more concerned about the general wellbeing. Accounts of profound effect on mental health are already concerning for the whole phenomenon. The social altruistic group, while less pessimistic by climate change, still showed some degree of ecological coping and PEB. The section of the population which has clearly experienced the lowest levels of anxiety were the ones formed by egotistic individuals. The study stressed that egotistical anxiety was not the only variable behind PEB, and that positive ecological coping strategies (e.g. becoming more aware of one's role in stopping climate change), together with other variables (e.g. one's role in the experience of climate change) have a significant influence on the psychological wellbeing of individuals.
Salieri versus God: Amadeus at the National Theatre 
Lucian Msamati gives a powerful performance in a fantastic revival of Peter Shaffer’s classic play about envy.

**WHERE**
National Theatre

**WHEN**
Until 24th April

**ARTS**

**FELIX**

Salieri was not a big fan of Wolfgang | Marc Brenner

---

It was the play that hardly didn’t happen. After the Royal Court’s founder Max Stafford-Clark was accused of sexual misconduct, a decision was made to cancel the upcoming production of Andrea Dunbar’s 1982 play Rita, Sue and Bob Too, which centres around a young man’s affair with his mother, and a pregnant sixteen-year-old in Bradford. The theatre said that putting the play on stage, “in common consent”, would be “highly offensive”, but which character has sex with Sue and Rita, and how it is depicted, is revealing the grubby underside of the music industry's power.

---

**ARTS**

**FELIX**

Rita, Sue and Bob Too – an exploration of power, class, and women’s voices
Andrea Dunbar’s masterpiece has come to the Royal Court at the right time. Despite being written in the 1980s, it has a worrying number of echoes in the #MeToo era.

---

**ARTS**

**FELIX**


Fred Fyles Editor-in-Chief

---

**ARTS**

**FELIX**

Rita, Sue and Bob Too – an exploration of power, class, and women’s voices
Andrea Dunbar’s masterpiece has come to the Royal Court at the right time. Despite being written in the 1980s, it has a worrying number of echoes in the #MeToo era.

---

**ARTS**

**FELIX**


Fred Fyles Editor-in-Chief

---

I t was the play that hardly didn’t happen. After the Royal Court’s founder Max Stafford-Clark was accused of sexual misconduct, a decision was made to cancel the upcoming production of Andrea Dunbar’s 1982 play Rita, Sue and Bob Too, which centres around a young man’s affair with his mother, and a pregnant sixteen-year-old in Bradford. The theatre said that putting the play on stage, “in common consent”, would be “highly offensive”, but which character has sex with Sue and Rita, and how it is depicted, is revealing the grubby underside of the music industry's power.

---

**ARTS**

**FELIX**

Rita, Sue and Bob Too – an exploration of power, class, and women’s voices
Andrea Dunbar’s masterpiece has come to the Royal Court at the right time. Despite being written in the 1980s, it has a worrying number of echoes in the #MeToo era.

---

**ARTS**

**FELIX**


Fred Fyles Editor-in-Chief

---

I t was the play that hardly didn’t happen. After the Royal Court’s founder Max Stafford-Clark was accused of sexual misconduct, a decision was made to cancel the upcoming production of Andrea Dunbar’s 1982 play Rita, Sue and Bob Too, which centres around a young man’s affair with his mother, and a pregnant sixteen-year-old in Bradford. The theatre said that putting the play on stage, “in common consent”, would be “highly offensive”, but which character has sex with Sue and Rita, and how it is depicted, is revealing the grubby underside of the music industry's power.

---

**ARTS**

**FELIX**

Rita, Sue and Bob Too – an exploration of power, class, and women’s voices
Andrea Dunbar’s masterpiece has come to the Royal Court at the right time. Despite being written in the 1980s, it has a worrying number of echoes in the #MeToo era.

---

**ARTS**

**FELIX**


Fred Fyles Editor-in-Chief

---

I t was the play that hardly didn’t happen. After the Royal Court’s founder Max Stafford-Clark was accused of sexual misconduct, a decision was made to cancel the upcoming production of Andrea Dunbar’s 1982 play Rita, Sue and Bob Too, which centres around a young man’s affair with his mother, and a pregnant sixteen-year-old in Bradford. The theatre said that putting the play on stage, “in common consent”, would be “highly offensive”, but which character has sex with Sue and Rita, and how it is depicted, is revealing the grubby underside of the music industry's power.

---

**ARTS**

**FELIX**

Rita, Sue and Bob Too – an exploration of power, class, and women’s voices
Andrea Dunbar’s masterpiece has come to the Royal Court at the right time. Despite being written in the 1980s, it has a worrying number of echoes in the #MeToo era.

---

**ARTS**

**FELIX**


Fred Fyles Editor-in-Chief

---

I t was the play that hardly didn’t happen. After the Royal Court’s founder Max Stafford-Clark was accused of sexual misconduct, a decision was made to cancel the upcoming production of Andrea Dunbar’s 1982 play Rita, Sue and Bob Too, which centres around a young man’s affair with his mother, and a pregnant sixteen-year-old in Bradford. The theatre said that putting the play on stage, “in common consent”, would be “highly offensive”, but which character has sex with Sue and Rita, and how it is depicted, is revealing the grubby underside of the music industry's power.

---

**ARTS**

**FELIX**

Rita, Sue and Bob Too – an exploration of power, class, and women’s voices
Andrea Dunbar’s masterpiece has come to the Royal Court at the right time. Despite being written in the 1980s, it has a worrying number of echoes in the #MeToo era.

---

**ARTS**

**FELIX**


Fred Fyles Editor-in-Chief

---

I t was the play that hardly didn’t happen. After the Royal Court’s founder Max Stafford-Clark was accused of sexual misconduct, a decision was made to cancel the upcoming production of Andrea Dunbar’s 1982 play Rita, Sue and Bob Too, which centres around a young man’s affair with his mother, and a pregnant sixteen-year-old in Bradford. The theatre said that putting the play on stage, “in common consent”, would be “highly offensive”, but which character has sex with Sue and Rita, and how it is depicted, is revealing the grubby underside of the music industry's power.

---

**ARTS**

**FELIX**

Rita, Sue and Bob Too – an exploration of power, class, and women’s voices
Andrea Dunbar’s masterpiece has come to the Royal Court at the right time. Despite being written in the 1980s, it has a worrying number of echoes in the #MeToo era.

---

**ARTS**

**FELIX**


Fred Fyles Editor-in-Chief

---

I t was the play that hardly didn’t happen. After the Royal Court’s founder Max Stafford-Clark was accused of sexual misconduct, a decision was made to cancel the upcoming production of Andrea Dunbar’s 1982 play Rita, Sue and Bob Too, which centres around a young man’s affair with his mother, and a pregnant sixteen-year-old in Bradford. The theatre said that putting the play on stage, “in common consent”, would be “highly offensive”, but which character has sex with Sue and Rita, and how it is depicted, is revealing the grubby underside of the music industry's power.
**Today's Empires, Tomorrow's Ashes** is still relevant

**Henry Eshbaugh**

**Music Editor**

The bad Swedish sisters are back with their fourth album, ten songs of crossing harmony and syntax. Wilmington is a breakup album, but it’s as if you’re going to have it all crying into your ice cream about heartache that hasn’t even happened yet. The world is anything but stripped back – as with any of First Aid Kit’s albums the produced, polished vocals are the star of the show. Johanna and Klara Söderberg use their well-crafted accessories of campfire guitar and slightly smoky syntax, but add a twist of more keyboard and synth. This is a pop album apart from any other. Written while vocalist/guitarist Klara Söderberg was measuring the end of a relationship, Riuns is a beautiful, bitter, reflection on what hindsight always was, inevitable ending.

The album opens with a prelude to the second track, ‘Rebel Heart’, quickly providing a sinister backing for the 1960’s. Why do I keep dreaming of you? Is it all because of the rebel heart? The repetitive album feels relative and panoramic. This sentiment, that Klara should know better and he able to control her emotions, permeates the whole album. On Fearless, she confesses, “I don’t know what to do with my hands. ”

Riuns’ is perhaps the simplest to close this long journey, with a tone too delicate. ‘Hem of Her Drapes’ starts to bring a resolution, with a slightly more female-obsessed influence. The band’s Swedish folk-pop roots are back on the bouncy ‘Wild Sunlight’ and wallowing ‘Distant Star’. Title track, “I love you crying into your ice cream about heartache that hasn’t even happened yet” is a breakup album to fans of alt music such as Nils Frahm, is very much created a relationship, Ruins is beautiful, bitter, a reflection of love and life. This album is screaming for a classic rock album that isn’t to be missed.

To conclude, Today’s Empires, Tomorrow’s Ashes: core thesis: here today, gone tomorrow. Ashes is a classic album of its own. All Melody // Fat Wreck Chords

---

MUSIC

**All Melody**

**Nils Frahm, Erased Tapes. Top Tracks:** The Whole World To Be Touched, Stay Gold, On My Piano, To Be Touched. *Frahm is out today Erased Tapes.*

---

**Hello darkness, my old friend: First Aid Kit’s Ruins**

The nimble-fingered German electronic producer, Nils Frahm, has returned with a gorgeous new album, and a freshly shaved head.

Nils Frahm’s tendency to build a track up with increasing musical complexity, allowing the listener to build his songs to a climax before changing direction, offering reflexive mid points to the album is dullest, mercurial and experimental architecture. Frahm excels at an intersection between classical and modern tracks that act as filler between tracks that are more experimental. Despite this, the exchange of classical music with ambient music is seamless, and Frahm is able to perfectly blend the two into a thematic whole. The emotional heartache that hasn’t even happened yet, the world is anything but stripped back – as with any of First Aid Kit’s albums the produced, polished vocals

---

**Artist: First Aid Kit: Label: Columbia. Top Tracks:** The Fool, I Swear It’s You, Her Drapes. For Fans Of: Lauren Hill. (Listen Like This)

Simran Kukar

**Music Writer**

The sad Swedish sisters are back with their fourth album, ten songs of crossing harmony and syntax. Wilmington is a breakup album, but it’s as if you’re going to have it all crying into your ice cream about heartache that hasn’t even happened yet. The world is anything but stripped back – as with any of First Aid Kit’s albums the produced, polished vocals

---

**Artist: A Place to Bury Strangers: Label: Team衔接. Top Tracks:** From the Ashes, 303, Grand Jury, Red Number, Trashed.

Jack O’Brien

**Music Writer**

---

**Music**

**All Melody**

**Nils Frahm, Erased Tapes. Top Tracks:** The Whole World To Be Touched, Stay Gold, On My Piano, To Be Touched. *Frahm is out today Erased Tapes.*

---

**Artist: First Aid Kit: Label: Columbia. Top Tracks:** The Fool, I Swear It’s You, Her Drapes. For Fans Of: Lauren Hill. (Listen Like This)

Simran Kukar

**Music Writer**

The sad Swedish sisters are back with their fourth album, ten songs of crossing harmony and syntax. Wilmington is a breakup album, but it’s as if you’re going to have it all crying into your ice cream about heartache that hasn’t even happened yet. The world is anything but stripped back – as with any of First Aid Kit’s albums the produced, polished vocals
Ten projects from the past year that prove we still
haven’t reached peak trap just quite yet

As admitted in the introduction to the project, Young Thug (with the release of ‘Bad Rager’) has taken trap to the next level as the ultimate trap utopia. As the undisputed ‘King of Trap’, his records are peppered with the unexpected, a unique thing to trap. (Clockwise from top left) Beautiful Thugger Girls; Yellow Thug; Playboi Carti; Without Warning; Luv Is Rage 2; Lil Uzi Vert creates a cross-cultural movement of trap, which he is the superlative example of. With unapologetically theatrical production that challenges the listener’s utilise an inimitable vocal style that rides it in the most unconventional and beau-

tifully carefree manner, U2 takes us on a trip above the homogeneous trap sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.

Mac Miller has managed to capture a perfect fusion of trap and the hip-hop sound played to death in clubs and on the radio. The first high point of this album comes in the form of ‘Feelin’ Like Me’, a mutual trap sound as he continues to shape. The album title says enough.
Join the Imperial Immortals for their Superbowl Party at the Union on 4th Feb
If you suddenly find yourself in financial difficulties or experience an unexpected change in circumstances, you may be eligible to apply for emergency financial help through the Student Support Fund.

CONTACT THE STUDENT FINANCIAL SUPPORT TEAM TO FIND OUT MORE:
+44 (0)20 7594 9014
Student Hub, Level 3, Sherfield Building

www.imperial.ac.uk/fees-and-funding
Greg Barker’s Obama doc *The Final Year* is an exercise in hagiography

The exploration of Obama’s last year in office is greatly lessened by a refusal to criticise.

While we have an interview with the former President, nothing truly valuable is revealed through it

The exploration of Obama’s last year in office is greatly lessened by a refusal to criticise. This is the main issue with the film: any problems that might have existed during Obama’s presidency, or any internal tensions between members of the team are merely hinted at, is never revealed.

The last 20 minutes of the film are the most illuminating, as Trump moves from joke politician to legitimate candidate to president-elect – Powers watches the election night himself, although nothing truly valuable is revealed. The arrival of Trump – crashing down like a bequiffed, luminously-orange meteor of trash – has smoothed out the potential for criticism.

To date, Trump has had “the greatest hits” montage of a dying age of normality. All too often, Barker sands down the edges of what could have been a fascinating film, veering instead into mere hagiography.
The Shape of Oscars

Film Editor Ashley Luckay reacts to landmark nominations for first-time Greta Gerwig and Jordan Pond, as Phantom Thread and Paul Thomas Anderson ghost into the reckoning.

With two of their pictures, The Shape of Water and Three Billboards Outside Ebbing, Missouri going head-to-head for a number of the biggest awards, including the most coveted prize of all: Best Picture. The Shape of Water has lead for nominations at most of the major awards ceremonies this season, and continued this trend by taking in a whopping 13 nods, a total betted by all but All About Eve, Titanic and last year’s La La Land in Oscar history. It won the Producers Guild of America and Critics’ Choice Movie Award for Best Picture, putting it in good stead to all the way with the Academy. Three Billboards will have a say in Best Original Screenplay, as they’re having the notoriously Oscar-averse, Academy Award at the Toronto International Film Festival and picked up the Golden Globe with this month, Martin McDonagh will be pleased with his film’s haul of seven nominations, if a bit miffed that he was snubbed for Best Director.

The rest of the nominees were largely as expected, with Call Me By Your Name, Lady Bird, Get Out, Dunkirk, and Phantom Thread also all locked out.

Acting Awards: A Foregone Conclusion

The Screen Actors Guild Awards are the strongest predictors for Academy success, and with these being handed out a couple of days before the Oscar nominations are announced, we are robbed of a little excitement as we already know who will win.

Best Actor nominees: Daniel Day-Lewis (Phantom Thread), Timothee Chalamet (Call Me By Your Name), Daniel Kaluuya (Get Out) and Gary Oldman (Dunkirk). Oldman were already on fire heavy favourite to win for his portrayal of the early part of Winston Churchill’s political career. The fifth slot was between Golden Globe winner James Franco (The Disaster Artist), and screen legends Tom Hanks (The Post) and Denzel Washington (Roman J. Israel, Esq.). France was the front runner for that last slot but sexual misconduct allegations appear to have derailed his campaign, with Washington stepping in as the Academy’s second winner of Franco’s Booty. Frances McDormand (Three Billboards Outside Ebbing, Missouri), is a sure thing to pick up her second Best Actress win, while Sally Reiner (Lady Bird), Margot Robbie (I, Tonya) and Sally Hawkins (The Shape of Water) were already guaranteed for Best Actress recognition. Annette Bening (Film Stars Don’t Die in Liverpool) was already once again the gold standard to allow the Academy to give her Streep (The Post) her customary nominations.

Initial Supporting Actor favourite Williem Dafoe (The Florida Project) was expectedly nominated, while new frontrunner Sam Rockwell (Three Billboards Outside Ebbing, Missouri, who is swiping all the awards going, was nominated alongside co-star Reeduss Woody Harrelson, the first dual nominees in this category since Harvey Keitel and Ben Kingsley in Bugsy for 1991. At the age of 58, Christopher Plummer (Call Me The World) became the oldest ever actor nominated for an Academy Award, a remarkable job considering he stopped in 2011 to reduce the disgraced Kevin Spacey’s presence in the just over a week, with a day’s notice. Rounding out the Supporting Actor category and Best Picture announced in the previous category to predict. The surest copula gold for a Best Supporting Actor award, it would have been more accepting in the current climate. The lead for nominations at most of the major awards ceremonies this season, and continued this trend by taking in a whopping 13 nods, a total betted by all but All About Eve, Titanic and last year’s La La Land in Oscar history. It won the Producers Guild of America and Critics’ Choice Movie Award for Best Picture, putting it in good stead to all the way with the Academy. Three Billboards will have a say in Best Original Screenplay, as they’re having the notoriously Oscar-averse, Academy Award at the Toronto International Film Festival and picked up the Golden Globe with this month, Martin McDonagh will be pleased with his film’s haul of seven nominations, if a bit miffed that he was snubbed for Best Director.

The rest of the nominees were largely as expected, with Call Me By Your Name, Lady Bird, Get Out, Dunkirk, and Phantom Thread also all locked out.

Acting Awards: A Foregone Conclusion

The Screen Actors Guild Awards are the strongest predictors for Academy success, and with these being handed out a couple of days before the Oscar nominations are announced, we are robbed of a little excitement as we already know who will win.

Best Actor nominees: Daniel Day-Lewis (Phantom Thread), Timothee Chalamet (Call Me By Your Name), Daniel Kaluuya (Get Out) and Gary Oldman (Dunkirk) were already on fire heavy favourite to win for his portrayal of the early part of Winston Churchill’s political career. The fifth slot was between Golden Globe winner James Franco (The Disaster Artist), and screen legends Tom Hanks (The Post) and Denzel Washington (Roman J. Israel, Esq.). France was the front runner for that last slot but sexual misconduct allegations appear to have derailed his campaign, with Washington stepping in as the Academy’s second winner of Franco’s Booty. Frances McDormand (Three Billboards Outside Ebbing, Missouri), is a sure thing to pick up her second Best Actress win, while Sally Reiner (Lady Bird), Margot Robbie (I, Tonya) and Sally Hawkins (The Shape of Water) were already guaranteed for Best Actress recognition. Annette Bening (Film Stars Don’t Die in Liverpool) was already once again the gold standard to allow the Academy to give her Streep (The Post) her customary nominations.

Initial Supporting Actor favourite Williem Dafoe (The Florida Project) was expectedly nominated, while new frontrunner Sam Rockwell (Three Billboards Outside Ebbing, Missouri, who is swiping all the awards going, was nominated alongside co-star Reeduss Woody Harrelson, the first dual nominees in this category since Harvey Keitel and Ben Kingsley in Bugsy for 1991. At the age of 58, Christopher Plummer (Call Me The World) became the oldest ever actor nominated for an Academy Award, a remarkable job considering he stopped in 2011 to reduce the disgraced Kevin Spacey’s presence in the just over a week, with a day’s notice. Rounding out the Supporting Actor category and Best Picture announced in the previous category to predict. The surest copula gold for a Best Supporting Actor award, it would have been more accepting in the current climate. The lead for nominations at most of the major awards ceremonies this season, and continued this trend by taking in a whopping 13 nods, a total betted by all but All About Eve, Titanic and last year’s La La Land in Oscar history. It won the Producers Guild of America and Critics’ Choice Movie Award for Best Picture, putting it in good stead to all the way with the Academy. Three Billboards will have a say in Best Original Screenplay, as they’re having the notoriously Oscar-averse, Academy Award at the Toronto International Film Festival and picked up the Golden Globe with this month, Martin McDonagh will be pleased with his film’s haul of seven nominations, if a bit miffed that he was snubbed for Best Director.

The rest of the nominees were largely as expected, with Call Me By Your Name, Lady Bird, Get Out, Dunkirk, and Phantom Thread also all locked out.

Acting Awards: A Foregone Conclusion

The Screen Actors Guild Awards are the strongest predictors for Academy success, and with these being handed out a couple of days before the Oscar nominations are announced, we are robbed of a little excitement as we already know who will win.

Best Actor nominees: Daniel Day-Lewis (Phantom Thread), Timothee Chalamet (Call Me By Your Name), Daniel Kaluuya (Get Out) and Gary Oldman (Dunkirk) were already on fire heavy favourite to win for his portrayal of the early part of Winston Churchill’s political career. The fifth slot was between Golden Globe winner James Franco (The Disaster Artist), and screen legends Tom Hanks (The Post) and Denzel Washington (Roman J. Israel, Esq.). France was the front runner for that last slot but sexual misconduct allegations appear to have derailed his campaign, with Washington stepping in as the Academy’s second winner of Franco’s Booty. Frances McDormand (Three Billboards Outside Ebbing, Missouri), is a sure thing to pick up her second Best Actress win, while Sally Reiner (Lady Bird), Margot Robbie (I, Tonya) and Sally Hawkins (The Shape of Water) were already guaranteed for Best Actress recognition. Annette Bening (Film Stars Don’t Die in Liverpool) was already once again the gold standard to allow the Academy to give her Streep (The Post) her customary nominations.

Initial Supporting Actor favourite Williem Dafoe (The Florida Project) was expectedly nominated, while new frontrunner Sam Rockwell (Three Billboards Outside Ebbing, Missouri, who is swiping all the awards going, was nominated alongside co-star Reeduss Woody Harrelson, the first dual nominees in this category since Harvey Keitel and Ben Kingsley in Bugsy for 1991. At the age of 58, Christopher Plummer (Call Me The World) became the oldest ever actor nominated for an Academy Award, a remarkable job considering he stopped in 2011 to reduce the disgraced Kevin Spacey’s presence in the just over a week, with a day’s notice. Rounding out the Supporting Actor category and Best Picture announced in the previous category to predict. The surest copula gold for a Best Supporting Actor award, it would have been more accepting in the current climate. The lead for nominations at most of the major awards ceremonies this season, and continued this trend by taking in a whopping 13 nods, a total betted by all but All About Eve, Titanic and last year’s La La Land in Oscar history. It won the Producers Guild of America and Critics’ Choice Movie Award for Best Picture, putting it in good stead to all the way with the Academy. Three Billboards will have a say in Best Original Screenplay, as they’re having the notoriously Oscar-averse, Academy Award at the Toronto International Film Festival and picked up the Golden Globe with this month, Martin McDonagh will be pleased with his film’s haul of seven nominations, if a bit miffed that he was snubbed for Best Director.

The rest of the nominees were largely as expected, with Call Me By Your Name, Lady Bird, Get Out, Dunkirk, and Phantom Thread also all locked out.

Acting Awards: A Foregone Conclusion

The Screen Actors Guild Awards are the strongest predictors for Academy success, and with these being handed out a couple of days before the Oscar nominations are announced, we are robbed of a little excitement as we already know who will win.

Best Actor nominees: Daniel Day-Lewis (Phantom Thread), Timothee Chalamet (Call Me By Your Name), Daniel Kaluuya (Get Out) and Gary Oldman (Dunkirk) were already on fire heavy favourite to win for his portrayal of the early part of Winston Churchill’s political career. The fifth slot was between Golden Globe winner James Franco (The Disaster Artist), and screen legends Tom Hanks (The Post) and Denzel Washington (Roman J. Israel, Esq.). France was the front runner for that last slot but sexual misconduct allegations appear to have derailed his campaign, with Washington stepping in as the Academy’s second winner of Franco’s Bot...
The Post – confessions of a news editor

Steven Spielberg's prestige drama is nothing short of professional, but lacks frisson and excitement.

Dir: Steven Spielberg.
Script: Liz Hannah; Josh Singer. Starring: Meryl Streep; Tom Hanks; Sarah Paulson; Bob Odenkirk. 116 minutes

Fred Fyles
Editor-in-Chief

Not content with getting his grubby hands all over the American presidency, Donald Trump has now invaded the world of cinema, albeit indirectly. Just was we have now entered the ‘post-Weinstein’ era, we have also entered into the ‘Trumpian’ age of cinema: now all films that come out need to be measured up against the impact the orange troll has had on the American psyche. Films that eschew political commentary – such as The Shape of Water, whose prominent position in Oscar nominations led Peter Bradshaw to describe the list as ‘cautious, comfort food’ – are accused of ignoring the realities outside for something indulgent; those that hit us over the head with dark messages about the Trump presidency, meanwhile, such as The Final Year, are seen as simplistic.

And then there is The Post: Steven Spielberg’s prestige drama about the unveiling of the Pentagon Papers by The Washington Post has been acclaimed by many Goldlocks-like film critics as ‘just right’ for the level of scorn it directs at the Trumpian White House. Numerous commentaries have seen links between the political landscape depicted on screen – the hostile, paranoid 1970s, during which Nixon was itching to prevent state secrets about the futility of the Vietnam War from getting out – and today’s atmosphere – equally hostile, equally paranoid, and with a penchant for just ignoring the news rather than suppressing it. Despite taking place nearly 50 years ago, many have said that it might as well have taken place in 2017.

Except… it really couldn’t. The Post is a film completely in thrall to the 1970s, and in particular – to the newspaper industry as it was then, a world of clacking typewriters and hot metal typesetting. It’s in this milieu that Spielberg focuses on his two central characters: Katharine Graham (Meryl Streep), the publisher of The Washington Post, who took on the role following her husband’s suicide; and Ben Bradlee (Tom Hanks) the paper’s editor who is keen to make it more than just a small-time outlet. Luckily, that opportunity lands right on his desk, when a copy of a secret government study into the history of the Vietnam Conflict – called the ‘Pentagon Papers’ – is given to his news team. The papers, which showed that the government knew the war was unwinnable, had been published in The New York Times until opportunity lands right on his desk, when a copy of a secret government study into the history of the Vietnam Conflict – called the ‘Pentagon Papers’ – is given to his news team. The papers, which showed that the government knew the war was unwinnable, had been published in The New York Times until they were prevented from doing so by the government. And so Graham and Bradlee are faced with a single immense decision: to publish or perish.

Spielberg surrounds this with a whole retinue of creative packaging, adding in subplots about Graham’s relationship with the American establishment, and The Washington Post’s imminent public offering. Spielberg decides, however, to keep most of the focus on the central pairing, and it’s a wise choice, since it can be difficult to care about the surrounding baggage. Streep and Hanks are similarly supported by one of the most star-studded casts I have ever seen in a film – particularly good turns come from Carrie Coon, Sarah Paulson, and Alison Brie, who draw attention in a way that is impossible not to notice. With The Post we have a director at the top of his game, working with two of the most well-respected actors; all three are industry veterans, and as a result The Post never feels anything short of professional. From the three act structure to the moving speeches, it hits all the notes you would expect it to along its two-hour runtime. The main issue is, however, that the subject matter is simply not as exciting as we might hope it to be. Unlike Spotlight, another drama centred around contentious stories – in this case the sexual abuse scandal that rocked the Catholic church in Boston – The Post is focussed on the process of publication, and not on the inner workings of journalism. The team at The Washington Post go to no great pains to uncover the papers – they are simply dropped in the office one day – meaning that the main decision is simply whether or not they’re going to risk litigation and publish. And they do – a fact that I believe the vast majority of the viewers will enter the cinema knowing. As such, The Post is starved of the oxygen of frisson and intrigue that made Spotlight so successful. Long scenes are taken up with Graham agonising about what the right thing to do would be, meaning that once the papers have been published we’re treated to a whistle-stop tour of the ensuing legal battle – while skipping over the fact that Daniel Ellsberg, the official who leaked the papers, was sentenced to 115 years in prison.

While The Post is certainly a well-made film – well-acted, well-shot, well-scored – it fails to reach the levels many had hoped it would. Spielberg has attempted to wrap a traditional investigative journalism film around a structure that is actually about publishing. One of the main risks is that the investors will pull out and Graham will have to sell the company; one of the main goals is to elevate The Washington Post’s standing to more than a local paper. The result is an enjoyable watch that leaves little trace in the imagination.

Did you know that Meryl Streep invented journalism? // Universal
Your Union events

Coming up in our bars

Super Quiz
Every Tuesday
20:00-22:00

Cocktail Night
Every Tuesday
18:00-23:00

CSP Wednesday
Every Wednesday
19:00-02:00

Common People
This Friday
20:00-02:00

Find us on Facebook!
fb.com/beitbars

Cocktail Club
Every Tuesday
19:30-23:00

We love Wine
Wednesday 13 December
18:00-20:30

Pub Quiz
Every Thursday
19:30-23:00

PGI Friday
Every Friday
16:00-23:00

Free Pool
Every Day
17:00-23:00

Pub Quiz
Every Tuesday
18:30-23:00

Sports Night
Every Wednesday
18:00 onwards

Cocktail Night
Every Friday
17:00 onwards

Find us on Facebook!
fb.com/hbarpub

Find us on Facebook!
fb.com/reynoldsbarcx

Friday 26 January

Common People
Friday 26 January
20:00 - 02:00

Metric & FiveSixEight
A night of 90s and 00s INDIEx ROCK & HIP HOP FLOORFILLERS
Free entry to the first 25 people who post their song choice on the wall
£1.50 On the event page
£2.50 On the door

COCKTAIL NIGHT

Every Friday from 17:30

Choose from our range of classic, modern and signature cocktails
£4.50 each or 2 for £7.60

Pub Quiz

Every Tuesday
19:30-23:00

Sports Night

Every Wednesday
18:00 onwards

Cocktail Night

Every Friday
17:00 onwards

Get exclusive offers, discounts and more on our bars’ Facebook Pages.

imperialcollegeunion.org/whats-on
I started this anime series half expecting a typically sappy high school romance, but I was wrong. It is a guilty pleasure. However, gradually it becomes clear that it doesn’t work to reach their goals. Examples of such requests include guidance on how to become a better student, and even asking a girl out.

Each episode showcases different characters throughout the show, and by helping the viewer become emotion-committed through the Mushi. The show presents us with a multitude of themes, from character development to the effects of war, human evolution, mix-ups, and the power of love.

Mushi-Shi is one of the best examples of story-telling through an anime or cartoon series. The show is woven with themes of music, and the character designs by Akira Amano (mangaka and character designs by Hiroyuki Enishi) are amazing. The anime is immersive, as it brings the viewer into a world of music, and through this immersion, the story unfolds.

Mushi-Shi is one of the best examples of story-telling through an anime or cartoon series. The show is woven with themes of music, and the character designs by Akira Amano (mangaka and character designs by Hiroyuki Enishi) are amazing. The anime is immersive, as it brings the viewer into a world of music, and through this immersion, the story unfolds.

**An eight year old classic, Fullmetal Alchemist still deserves a shout out!**

I found the anime truly riveting. One of the questions the anime raises is what is the value of life? Would you sacrifice your own life for the life of another? What is the difference between right and wrong? Should you always protect the law? Is it right to judge a human’s behaviour? What is the principle of Equivalence? These questions are explored throughout the series, and the answers are left to the individual viewer.

An eight year old classic, Fullmetal Alchemist still deserves a shout out! If you grew up watching anime, but haven’t watched Fullmetal Alchemist, it is a must-watch! It is a story about the power of friendship, the importance of love, and the value of life. It is a story that will stay with you for a lifetime.
The Leadership Elections 2018

Nominations for the 2018 Leadership Elections open next Wednesday 31 January. Hundreds of positions will open for a range of leadership roles across Imperial.

Whether you want to be an Academic or Wellbeing Representative, Liberation & Community Officer, a Student Trustee, a leader of your favourite Club or Constituent Union, or take on a full-time role as Felix Editor, this is your chance.

Nominations close at midnight on 25 February and voting begins at noon on 02 March.

Submit your nomination now at imperialcollegeunion.org/elections.

Summer Ball 2018

You may have noticed a new feature in the Union building. We’ve installed a new charge box, a handy phone-charging unit which will become your best friend when you’re going through that dreaded battery crisis. The charge box sits right across from the ATM at the entrance on the ground floor.

There are four units available and you can charge your phone for up to 30 minutes at a time.

If you have any questions or comments please email Matt Blackett at dpfs@imperial.ac.uk.

For feedback, email union@imperial.ac.uk

Imperial Award 2018

The great thing about studying at an international top ten university is that you’ll all graduate with a deep, fundamental knowledge of your chosen disciplines, but you’ll also have to prepare for your professional lives as the leaders of tomorrow.

The Imperial Award has been designed to help you prepare for this by formally recognising your personal achievements and your personal development through self-reflection. You’ll come out the other end with a portfolio that will help you provide evidence of how you have developed specific personal attributes, valued by society and employers. Success in one or more streams of the Award will earn you extra lines on your graduation transcript.

Register now: http://www.imperial.ac.uk/students/imperial-award/

Varsity Fest

Imperial Medics and Imperial College London sports teams will soon be going head to head in the 16th instalment of VarsityFest!

The festivities begin with Water Polo at Ethos on Friday 23 February, followed by Hockey at Harlington on Wednesday 28 February. Join us at Heston on Saturday 3 March for a full day of fixtures. Aside from the thrills of the matches, there will be plenty of other activities: live entertainment, face painting, food and drink stalls and more!

Showcase and Headline matches are decided by you! The options you can vote for are Men’s Rugby (1st Team), Netball (1st Team) and Kabaddi. Visit bit.ly/2DEf2Za to cast your vote!
Exploring Copenhagen (the happiest place on Earth!?)

Many European countries pride themselves on their (culturally) rich and famous capital cities. After spending a weekend in Copenhagen, Elina Michaelidou shares some tips and tricks to make the most of this beautiful city in a short time.

Day One

As we had limited time in the city and wanted to see as much of it as we could, we decided to go on a walking tour. It was a free walking tour in English that departed from the City Hall and lasted about 2.5 hours. It was freezing and snowing outside (-2°C) but we had a 30-minute break in a warm café near Nyhavn, the famous harbour in Copenhagen. We ate quickly and then headed out to the snow for more photos.

The highlight of the tour was the Little Mermaid, a small bronze sculpture inspired by a fairy-tale by H. C. Andersen. We also passed Amalienborg, the residence of the Danish royal family, where we learned the reasons the Danes are considered the happiest citizens, despite not seeing much sun and paying huge taxes. (Hint: it’s because they receive many services for free. For example, medical treatment).

You can find these kind of tours in different European cities (we took one in Kraków as well), and they are really good if you want something cheap. Although they are named “free”, you are expected to give a tip at the end, based on how much you liked it. But again, it will cost less than going on a proper walking/sightseeing tour. Another advantage of such tours is that the guide wants to make a good impression to get more tips, so you can assume that he/she will be friendly, funny, etc. My advice on tipping is to give half the amount you would give on a paid tour per person.

In the afternoon, we visited the Guinness World Records Museum, an interesting small museum featuring information about worldwide records. After that, we walked around the city centre and then returned to the hotel, as it was as cold as -6°C at night, the lowest temperature I had ever experienced.

Day Two

On our second and last day, we decided to visit the Tower of Christiansborg Palace for the views across Copenhagen. The weather was nice: it was sunny and everything was covered in snow, and we could enjoy some great views. The entrance to the tower was also free.

Our next stop was Christiania, in the area of Christianshavn. The district has its own interesting story with hippies and conflicts between the locals and the government that is worth keeping in mind before visiting. After that, we collected our luggage from the hotel and headed to the airport. The quickest and cheapest way was by train.

In general, Copenhagen is an expensive city, but with a bit of planning and a few free attractions in mind, you can see a lot for less. Of course, there are many more things to do: there are many interesting museums and palaces to explore, and don’t forget the Tivoli Park, Copenhagen’s most known amusement park. Unfortunately, even though our hotel was five minutes away from the park, it was closed for winter.

“The Danes are considered the happiest citizens, despite not seeing much sun and paying huge taxes”

Fun Fact

There are more bikes in Copenhagen than people! Copenhagen is a bike-friendly city and renting a bike is the cheapest way to move around.

Ed: For more travel stories and tips, visit Elina’s blog at empnefsysandtravel.com
FOOD

Bláithín Dockery Food Editor

Pizza is a food most students are far too familiar with. It’s difficult to resist such a perfect food that satisfies all cravings, particularly when there seems to be some version of a pizza on every corner. But it is important to remember Pizza’s glorious roots – Italy.

For a long time it was true that no-one could make a pizza quite like the Italians; however, it seems that a number of ambitious young chefs actually travelled to Italy to learn from the great Italian chefs. Despite the number of years l’Antica has spent importing from Naples, it seems to be some version of a true Italian pizza’s flavour – the real thing. That perfect tangy tomato sauce that burst into my mouth. The tart tomato sauce was the first flavour a bite. The tart tomato sauce was the first flavour I could really taste the fresh sweet tomatoes, and almost felt transported to a summer’s day in Italy. The mozzarella was soft and rich balancing the soft, warm crust. Overall it was a real Italian experience and certainly filled my pizza craving.

Worth the hype?

Sadly no. Although l’Antica Pizzeria da Michele serves up gorgeous authentic Italian pizzas the hyper surrounding the restaurant was rather exaggerated. Despite the number of years l’Antica has spent perfecting their recipes and sourcing the finest ingredients, the competition for Neapolitan Pizza is really heating up, so it may be more difficult to justify travelling to Stoke Newington when there’s a Franco Manca round the corner!

Price

£7.90 for a Pizza Margherita

Best part

That perfect tangy tomato sauce

Worst part

Location


FOOD

Bláithín Dockery Food Editor

Food writer Bláithín Dockery looks for the best pizza in the world... could it possibly be in Stoke Newington?

“A direct import from Naples, l’Antica promises to bring the best pizza from Italy to the rather modest Stoke Newington”

Pizzalovers and adventurous chefs will be glad to hear that a number of ambitious chefs and bakers have been to Italy in the past few years to learn from the great masters. As a result the pizza market has changed dramatically in the past few years, with the likes of Pizza Pilgrims and Franco Manca serving up Neapolitan-style pizzas in multiple locations around London. The success of such establishments shows that we will always hunger for pizza, but the real question is how they compare to a true Italian pizzeria. Fortunately that is where l’Antica Pizzeria da Michele steps in. A direct import from Naples – the birthplace of Pizza – l’Antica promises to bring the best pizza location has been a local favourite since opening in 1870 (and recently renamed a major follow-up due to its cameo in the 2010 Julia Roberts film Eat, Pray, Love. With this natural publicity, l’Antica recently had to find a new location and wait for the pizza lovers to arrive. And that is precisely what happened – it is really worth the hype!

First Impressions

After trekking all the way to Stoke Newington we arrived at a very unassuming looking restaurant, quietly announcing its presence with a small blue light sign. The inside was also very understated, with a cafeteria-style decor rather than a proper dinner restaurant. The walls were rather bare and white, painted with quotes from Eat, Pray, Love and Italian sayings. At the back a large stone pizza oven was visible, with chefs bustling around it, speedily making the pizzas. A waiter approached us and we were told that we would have to wait 15 minutes for a table. Bearing in mind that it was rather early (around first prize) I was quite surprised that it was already so busy, but I managed to contain my hunger and wait patiently until we were shown to our table. We were brought upstairs to a small room with a rather bare and similar vibe to the downstairs, although it was less buzzy.

The Food

The menus stuck to a traditional Neapolitan style – the OLD FOOD

FOOD

Bláithín Dockery Food Editor

FOOD

Bláithín Dockery Food Editor

FOOD

Andrada Balme Food Editor

If you feel like you need to celebrate because you’ve just finished your January exams, we’ve got you covered! In Felix knows that going out is the best kind of celebration, but here are some (not-so-easy, but delicious) recipes you can enjoy on a lazy Sunday. If you don’t trust me, one of them was the favourite of Franz Joseph – so take his word for it, not mine.

Kaiserschmarrn

You will need...

• 6 eggs
• 3 tbsp milk
• 200 g flour
• 1 tbsp granulated sugar
• 1 tbsp dropped granulated sugar
• 1 tbsp raisins
• 1 tbsp Vanilla sugar
• 1 tbsp Rum
• 1 tbsp Lemon rind
• 1 tbsp Pinch of salt
• 1 tbsp 50 g butter
• 1 tbsp icing sugar
• 1 tbsp Cinnamon

1. Mix the room temperature butter with the vanilla sugar and a pinch of salt until it gets creamy.
2. Stir in the egg, the flour and the sugar until you get a malleable dough. I know I say it all the time, but you might need to adjust the quantities a little so your dough is not too sticky or too hard.
3. Wrap the dough in film and let it rest for 30 minutes at – the d o w n t o p c o o k i n g u n t i l g o d d e n .
5. On a floured surface, shape the dough into cylinders with a diam- ter of ~5cm and then cut it into slices. Flatten the slices in your hands then place the apricot into the dough, press it around and seal well – and you will use your first attempt to see exactly how big the next slices should be. In the end, they should look like dumplings.
6. In a saucepan, bring some water to boil. Place the dumpling in water and allow to simmer for 10-15 minutes – stir from time to time, so they don’t stick to one another.
7. In a separate pan, melt the butter. Add the breadcrumbs and cin- namon, and fry until golden. Add sugar and stir gently. Turn off the heat and add the dumpling into the prepared mixture. Roll it around so the breadcrumbs stick to the dumpling.
8. Finally, dust with icing sugar!
9. P.S. It’s ok if for your first try the dumpling fall apart, but they shouldn’t. This will happen if the dough was not prepared perfectly!

These pictures are making me pretty hungry // L’Antica Pizzeria da Michele

FOOD

Arina Balmez Food Editor

You will need...

• 300 g low fat quark
• 200 g flour
• 50 ml milk (room temperature)
• 1 egg
• Pinch of salt
• 10 small apricots
• 10 sugar cubes (if you want them extra-sweet)
• 1 tbsp Icing sugar
• 1 tbsp Cinnamon powder
• 1 tbsp Breadcrumbs

1. Preheat the oven to 180°C.
2. In a separate bowl, beat the egg whites with the granulated sugar and a pinch of salt until it starts forming firm peaks – this is way easier with a hand mixer; if you don’t have one, you can try doing it just with some well-placed manpower, but I cannot imagine you succeed. Fold the beaten egg whites into the dough mix – use a spatula and be patient; if you hurry too much, you will end up ruining your work.
3. In a pan, add the butter and when it starts bubbling, pour in the dough and after couple minutes, add the raisins over the top. Even though they are in the original recipe, they are, in my opinion, optional – but that’s just because I really don’t like them.
4. Cook until the underside is light brown and then turn over with a spatula and keep cooking until golden brown.
5. Now, time for the really fun part! It’s time to turn it into small pieces (use your imagination for this, but remember that it’s hot and you probably still want to use your hands afterwards). When you are pleased with your result, add some granulated sugar on top and carame- lise under the grill at a high heat.
6. When served, dust with icing sugar and cinnamon. You can eat it with marmalade, honey, or my favourite, maple syrup with ice-cream (I know somewhere out there an Austrian has died of shock because you probably still want to use your hands afterwards). When you are pleased with your result, add some granulated sugar on top and carame- lise under the grill at a high heat.
7. When served, dust with icing sugar and cinnamon. You can eat it with marmalade, honey, or my favourite, maple syrup with ice-cream (I know somewhere out there an Austrian has died of shock because you probably still want to use your hands afterwards). When you are pleased with your result, add some granulated sugar on top and carame- lise under the grill at a high heat.
8. You can mix the apricot jam into the dough and bake it along with the dumpling.
So, why do people become vegetarian? The logic behind the lifestyle choice

Ever wondered why your friends are opting out of the midnight chicken nugget run? Wonder no longer - a Felix Editor has irritatingly questioned her friends about their eating habits so that you don’t have to...

A
s a very keen meat-eater, I have always found it hard to relate to vegetarians. I grew up as part of a household who rarely ate a vegetarian meal. While eating out, I once witnessed my sister requesting her steak as rare as the chef can legally cook it. The smell of burgers at the campus Farmers’ Market almost makes me drool, causing me to resent my pre-prepared salad. Simply put, I don’t plan on giving up eating meat anytime soon. The thought is scary; I would crave the taste too much. I am therefore forever impressed by the people who manage to make such a dramatic lifestyle change and endeavour to discover why they chose to. Over time, through discussions with friends, I have learned that there are many diverse reasons people are/become a vegetarian and am constantly surprised when I uncover a new one. So, I sent out a bunch of surveys to vegetarian friends to quiz them about their reasons and ask about any hurdles they faced (or are still facing) along the way. This article is a summary of the feedback I received and focuses on people who chose to give up eating meat, as opposed to having been vegetarians since birth (usually for religious or cultural reasons). To the people I pestered to fill these out: thanks for being such good sports – you’re great.

Environment

The most consistent reason people became vegetarian, everyone I quizzed mentioned it, is the environment. Considering that the vast majority are Imperial students and thus likely to be more aware of environmental issues than the average person, this is not entirely surprising and probably not representative of humanity as a whole. A wish to reduce their carbon-footprint by removing animals, particularly red meat such as beef, from their diets, is a major driver. Animal husbandry uses far more resources than crop farming, including energy, land, and water. In the long term, plant-based diets are therefore far more sustainable and will help reduce the rate at which the planet is spiralling into climatic disaster. Vast energy usage is unfortunately a by-product of modern life, and is in many ways logistically difficult to cut down on. However, we do not need to be wasting so much energy on food production, because animal husbandry is entirely avoidable. After all, some cultures and religions have been doing it for millennia.

Health

Others chose to change their diets due to health benefits. One person mentioned that eating meat simply doesn’t “agree” with their body and switching to a plant-based diet has helped alleviate their problems. The omission of meat and fish from their diets has forced others to be more creative and re-structure their meals around this. As a result of shaking up habits, people think about what they are eating more and make a conscious effort to ensure that the food they are preparing is nutritionally balanced, possibly more so than before they became vegetarian. In answer to those of you who frequently ask (I have been told) “but what about protein?”, it’s actually easier to eat the recommended amount than you might think: a serving of chickpeas for example, contains almost half of the protein an average adult requires per day. And of course, to fill themselves up people often end up munching on more vegetables, which is rarely a bad thing health wise (cheap too)!

Animal Welfare

Some people simply don’t like killing animals. The food industry has tried to increase the quality of life of livestock through initiatives such as “Free Range”, but this only works to an extent; they are still being raised and made to eat meat, which many consider unethical. There is an argument that animals eat animals (excluding herbivores), and so humans are “natural” in this regard. However, we consider ourselves “superior” to other organisms due to our capacity to think critically and have feelings such as compassion driving our actions. If this is the case, then we should be able to reason with ourselves and overcome the instinct to eat meat that many animals possess, leading them to hunt and kill other animals.

Final Thoughts

Initially, the plan for this article was to explore some of the reasons why people choose to be vegetarian using information and opinions from the surveys I sent out; I am sure that this topic could be taken into further depth and I have merely skimmed the tip of an iceberg here. This was never meant to be a piece of propaganda designed to convert meat-eaters into vegetarians, which is an ulterior motive that I fear people may accuse a vegetarian writer of having. However, I have found some of these arguments rather compelling and on reflection I might try and cut down on my own meat consumption. I certainly don’t plan to go cold turkey (excuse the pun) or ever completely become vegetarian for that matter. But I have been informed that practising vegetarianism, at least in the UK, is fairly easy, mainly due to good substitutes such as Quorn and Linda McCartney products (that apparently some people prefer), and because lots of restaurants have a few vegetarian options on the menu nowadays. Personally, I am a fan of the cheap and easy supermarket frozen veggie burgers, for example Indian-spiced spinach and lentil. If eating these instead of “real” burgers more often can help slow down climate change while simultaneously sustaining my bank balance, then hey, why not?
Nominations for The Leadership Elections 2018 open Wednesday 31 January.

Hundreds of roles leading every aspect of Imperial student life
Whether you want to be an Academic or Wellbeing Representative, Liberation & Community Officer, a Student Trustee or a leader of your favourite Club - there is a position for you.
There are also roles in our Constituent Unions, and full-time positions as Felix Editor or Officer Trustees. This is your chance to become an Imperial student leader.

Nominations close 25 February. Stand for a position at:

imperialcollegeunion.org/elections
Students launch legal case against College, saying exam timetable is “literal torture”

Hangman

A class action suit has been launched, claiming that the timetables breach the European Convention on Human Rights.

I

empire College London is gearing up for a court battle next month, as a group of students are taking them to court over their exam timetables, which they describe as “literally a form of torture”.

The legal battle was launched earlier this week, after Faculty of Natural Science undergraduates were emailed out their examination schedules for the summer term. A group of students numbering nearly 50 – mainly physics undergraduates – immediately launched a class action suit against the College, arguing that the examining body was “breaching article three of the European Convention on Human Rights, which prohibits torture.

In a statement issued earlier this week, the group said: “It is clear that what Imperial is engaging in here is an illegal, hostile, and cruel move. Giving us five exams in five days is a form of mental torture, designed to break our souls and spirits. It’s a cruel and degrading form of treatment – what we might expect in a dictatorial, or during Axis rule, night, but certainly not from a university faculty.”

The newly-appointed Vice President (Educated) for coercive interrogation techniques, Taylor Brome, said Hangman found that the timetable was “completely inappropriate”.

Here at Imperial, we pride ourselves on world-leading research, which allows us to supply the global community with cutting-edge technologies. We also sometimes need to do things like teaching undergraduates, which is a job we take very seriously. By liaising with governmental experts in the UK and USA, we have found that, through these “special methods of questioning”, candidates gave up much more information than they would have under normal circumstances.

They also said they were more likely to perform well on the exam.

Students questioned the methods used by the College: “Yes, putting this much pressure means I cram as much information into my head as I can,” said Harry Courtney, a final year physicist, “but when the exam period is over I have difficulty fitting back into civilian life. Last year I forgot my own name, all I could think about was the Dirac equation. I am absolutely fucking terrified for my future and I amknuckled down about this a few months before the exam.”

Felix Lim, an MBA student from the Imperial Business School, also told Hangman: “Are you talking about those big light-up straws they have in the Union Bar now? I’m used to being force-fed a VK through one last straw – it’s a form of waterboarding!”

The case is set to go to trial on the 17th February.

Hangman

Negafelix

Editor-in-Chief

Imperial endowment fund revealed: mostly Bitcoin

An analysis of the investments by Imperial has found that roughly 97% of them are in cryptocurrencies.

The analysis revealed that the College’s endowment is worth a mere £200 million – nearly the entirety of the endowment fund’s assets. The remaining investments, which total a mere £12 million, have been invested in a wide-ranging portfolio, including gold mines, technology companies, and Venture King breweries, the 2017 fund consisted of 32,557 bitcoins, 66,810 etherium, and 310,248 Cardano. After sitting down with members of Imperial’s DoCSoc, who patiently explained what cryptocurrency was, the College’s team was “sound”: “Yeah, I read this article in Forbes about this a few months back – cryptocurrencies are definitely a safe bet. There’s no limit to how high they can climb.”

One student at the Business School said there was no limit to how high Bitcoin could go.

This week you’re the Fake News Editor, and you’ve pleased your editorial team has set up a database in the office.

This week you decide to broaden your gastronomical horizons. Now you’ll be eating Fusion and the Union.

This week you’re on level five of the library, because you can’t wait for the Leadership Elections.

This week you’re so desperate to get to Ottawa you somehow manage to land the mass spectrometry machine at the Union’s waste amnesty.

This week you throw your full weight behind the LUC’s planned strike action, and encourage students to strike throughout the month of May. Can’t fail exams if they’re cancelled.

This week you won’t stop talking to all your friends about the Oscar nominations, and what they mean for the industry. You have no real friends.

This week you’re the Horoscope Writer, and you’re finally written enough of these fuckers to go home.
IC ASTRONOMY SOCIETY
(ADIOSOC)

Whether you are an amateur astronomer, an expert of the night sky, or simply want to give stargazing a go, Astrosoc is the place for you! Here, you can meet like-minded people, discuss and learn about astronomy (or just about anything), and, of course, have fun!

We organise a wide range of events, with the most frequent ones being our famous fortnightly observations. Our telescopes are high-end but easy to control, and we are more than happy to teach anyone who would like to use them. Once you get the hang of it, you are free to explore with the telescopes yourself. The picture shown next to this article was taken by a member of the society during an observation, so there is a lot to see out there, even in London! With the craters on the moon, star clusters and nebulæ, the clouds on Jupiter, and even the rings on Saturn, we can assure you there is no lack of stellar objects at which to marvel. This term, following suggestions from our members, we now start the observations earlier, at 6.30pm. This means that you don’t have to wait around for long after lectures, and of course there is no need to stay up late to see the wonderful night sky! Our next observation evening, in collaboration with Science Fiction Society who will bring some space-related TV shows, will be held on the 30th January. It will be up on the eighth floor common room of Blackett Laboratory, fully equipped with three telescopes as usual – do feel free to bring your own camera along to take some photos. And not to mention the snacks and hot drinks we serve without fail!

Another series of our popular events are the regular guest lectures, where we invite top astrophotography, and even black holes! We have had great missions to astrophotography, and even black holes! We have had great positive feedback and they are well-attended, so we would encourage anyone with an interest to come along and listen in! For an upcoming guest lecture, we have invited Dr. Roberto Trotta from the astrophysics group of Imperial College to give us a talk on cosmology, which will be held on the 19th of February. There will be time after the talk to have a chat with the speaker, and to enjoy the refreshments provided.

Other than observations and talks, we also organise regular visits to observatories and museums. Just this year, we have done trips to the Greenwich Observatory, and to Mill Hill Observatory currently managed by UCL. Do not worry if you’ve missed those – there will be more next academic year so make sure to come along!

Do follow us on Facebook or drop us an email for more detailed information about the upcoming events, and you are more than welcome to come along even if you are not entirely sure yet – no membership is needed to try out our observations and guest lectures!

We all look forward to seeing you!

Come along to Astrosoc and enjoy the beautiful night sky with views like this // Nathaniel Gallop, Astrosoc member

New Year, New News!

Felix are setting up a weekly newsletter, delivered straight to your inbox. Get all the best news, culture and sports every week.

Get the cat on the go!
Across
1. Noisy quarrel (6)
4. Self-possession, coolness (6)
8. Questioned (5)
9. Terrible energy drink (7)
10. Section of a book (7)
11. Freight (5)
12. Religious leader (5,4)
17. Out and out (5)
19. Resurrect (7)
21. Bank employees (7)
22. National fruit of Pakistan (5)
23. Spinach addict (6)
24. Appraise (6)

Down
1. Debacle (6)
2. Socially uncomfortable (7)
3. Inspect accounts (5)
5. Obelix’s love (7)
6. Exterior (5)
7. Accept a loan (6)
9. Fat Tuesday (5,4)
13. Theft (7)
14. Progress (7)
15. Barney (4,2)
16. Despicable (6)
18. 17th century Bitcoin (5)
20. Seductive women (5)

FUCWIT
1 Nonogram of Ketamine 205
2 Q 148
3 Puzzle Snuggle Cuddle 144
Couple
4 TioUdin 141
7 Doctor Sudokwho 103
8 Luncheon Pals 102
9 OK 99
11 Imperial Stormtroopers 87
13 Abelian Grapes 63
18 Straight outta Skempton 40
21 Wreck-It Ramrod 28

Send in your solutions to fsudoku@imperial.ac.uk before midday Wednesday!

Points Available
Crossword 4
Bridges 2
Chess 6
Slitherlink 3
Samurai Sudoku 4
Total 19

Slitherlink
Draw a single, non-crossing loop by connecting adjacent points. The number in each cell indicates how many sides are closed.
ICURFC: New year, same old 2s

Rugby return this year, scoring an impressive victory against RUMS.

“We set the tone in defence early on, with some big hits coming in”

The rugby boys, satisfied with their victory // ICURFC

ICU 3rd XV achieve distinction

The team come away from the London Irish Merit Tournament with 2nd place.