

THE
PIPELINE

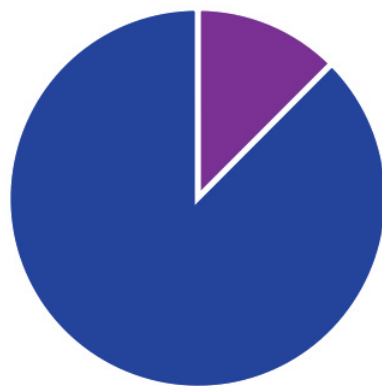


IN THE PIPELINE

Well done on making it through, Fresher. You have received a place at one of the finest departments in one of the finest universities in all of the land... And you aren't stuck in the backwaters of Cambridge.

Firstly, let me introduce myself.

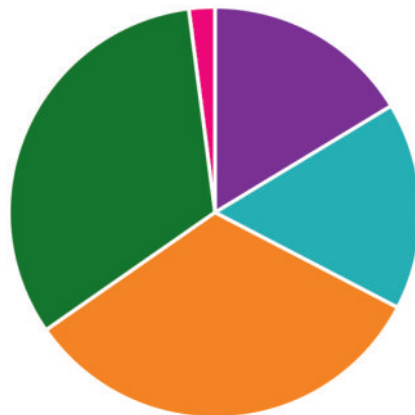
I'm Kathryn, and I'm heading into fourth year. As you can see, I've got a wealth of experience from my life here.



Years of our lives:

- Non-Imperial (18)
- Imperial (3)

A lot of my life.

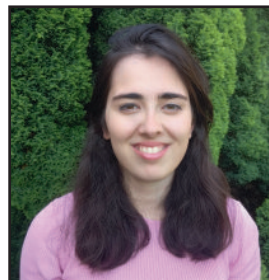


Hours per day:

- Lectures (4)
- Project Work (6)
- Socialising/ChemEng (4)
- Soc/Other Socs (4)
- Panopto and/or Netflix (8)
- Sleep (???)

I've tried to fit in as much wisdom into the Pipeline for you to absorb before you come here. So, expect mediocre content, attempts at banter and solid dad puns. Plus a guide to life at Imperial. Enjoy.

Kathryn



THE CHEMENGSOCC FRESHER CALENDAR™

SO YOU CAN SET ALARMS BEFORE THE HANGOVERS HIT

Print this off to help you remember all the dates. Further details for events will be released closer to the time. Major events in the ChemEng calendar can be found on page 7.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
30 - First Day in the Department - 16:30: Official ChemEngSoc Welcome	1 - Freshers' Fair - Afterparty at Beit	2 - Sports Trials - ** only if you play sport** - Otherwise, day off	3 - The first chance to visit a "Give It a Go" session with another soc.	4 - 13:00: Buddies' Lunch - Evening: Freshers' Ball	5 - Recover from hangover	6 - Tour London? --OR-- - Recover from hangover
7 - First Day of actual lectures	8 - 18:00: UG Welcome Dinner	9 - First Sports' Night of the Year	10 - Have a relaxing night. You'll need it.	11 - Hall Event	12	13
14 - First Day of actual ACTUAL lectures	15 - Family Fortunes Quiz Night	16	17	18	19	20

COMMITTEE

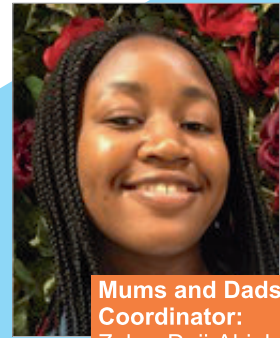
GIVING YOU A SOCIAL LIFE... BY GIVING THEIRS UP



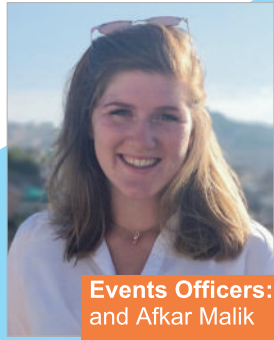
Chair: Katie Mawdsley



Vice Chair: Ben Laws



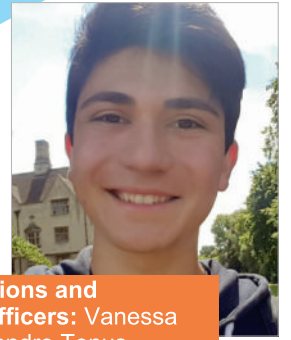
Mums and Dads' Coordinator: Zahra Deji-Abiola



Events Officers: Abbie Watson and Afkar Malik



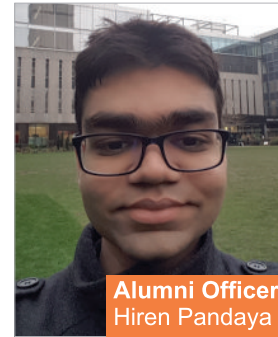
Industrial Relations and Sponsorship Officers: Vanessa Tang and Alessandro Tonus



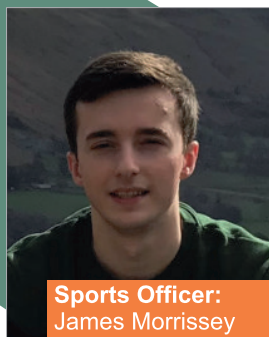
Treasurer: Karyshma Gill



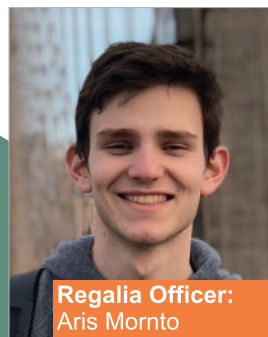
Tour Officer: Ellen Player



Alumni Officer: Hiren Pandaya



Sports Officer: James Morrissey



Regalia Officer: Aris Mornto



President: Paul Fennell



Vice President: Chris Tighe



Prof who turns up to everything: Jason Hallett



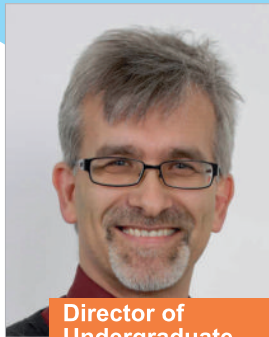
Student Departmental Representatives (Academic):
Mingrou Xie and Athanasios Charos



Student Departmental Representative (Wellbeing): unfilled



Head of Department:
Nilay Shah



Director of Undergraduate Studies: Klaus Hellgardt



Director of Course Operations: Andreas Kogelbauer



Head of Teaching Laboratories: Clemens Brechtelsbauer



Director of Laboratory Operations: Umang Shah



Laboratory Technician (and Umang's sidekick): Andrew Macey



First Year Chairman and Pilot Plant guru: Colin Hale



ChemEng Communications Officer: Sara West



Director of Postgraduate Studies: Serafim Kalliadasis

THE DEPARTMENT

WISH I HAD THIS AT THE START OF THE YEAR

WANT TO GET INVOLVED?

Being a part of the committee or the student representative body is a great way to get your voice heard across the department. You have the opportunity to shape events, speak to the top dogs in the department and ****network****. It also looks fantastic on your CV, so... worth it.

Plus, committee and dep reps get to go to all the nice dinners. And take advantage.



The following departmental roles are open to students in first year:

- **FIRST YEAR ACADEMIC REPRESENTATIVE** - *chat to profs about your year's issues*
- **FIRST YEAR WELLBEING REPRESENTATIVE** - *chat to profs about your year's issues, plus get to play with puppies (see Wellbeing events)*
- **DEPARTMENTAL WELLBEING REPRESENTATIVE** - *chat to profs about the dept's issues*

All committee roles have been filled for this year, but you can still help out by joining a subcommittee. You can join a subcommittee for:

- **INDUSTRIAL RELATIONS** - *earn that sweet, sweet Sponsor dollar*
- **THE PIPELINE** - *we write and stuff*
- **EVENTS** - *plan the event you want without spending your student loan*

INTERESTED? WATCH YOUR OUTLOOK ACCOUNT - MORE DETAILS OUT SOON.

TOUR 2018: Amsterdam

TOUR TOUR TOUR TOUR



A MESSAGE FROM ZAHRA

YOUR FIRST YEAR CO-ORDINATOR



Blanket One

You've done it. You've made it. You've got past all the hurdles in the admissions process and you've got the grades you needed. Congratulations! Now I need to know only one thing. What do you want out of university? Epic nights out enjoying independence? Life-long friends? Opportunities in the sector of your dreams? To secure your future? Memories exploring one of the greatest cities in the world? Knowledge on topics that have interested you for so long? All this and more?

My name is Zahra Abiola, the society's First-Year Coordinator. My aim this year is to make every point of this transition period easier, allowing you reach those goals - whatever they may be.

To help you settle into life at Imperial, I will set you up with ChemEng 'parents' in older years that share common traits with you and will help you to enjoy what Imperial has to offer. This will help to make the department something more than a place where you come for your lectures, labs and exams. I will be there to help you get all the information you need to start here. Feel free to get in touch with me; I hope to make an anonymous forum to help with any questions your parents can't answer.

Having just made it through first year, I can tell you this new chapter of your life will be different to your expectations. However, you can make it what you want it to be, so I hope you all get the most out of it. Step out of your comfort zone. Try new things you've always wanted to do. But also remember what you came here for. It can get tough so surround yourself with good people, make sure you have something to do outside of your degree and remind yourself of the reason you've chosen this course.

Also, somehow it can be twice as cold in the lecture theatres than it is outside during the colder seasons, so layer up. Once, I had to run back to Beit to get grab blankets from my room to get a group of us through the day of lectures.

Enjoy Welcome Week!

Zahra

FIND THE SIGN-UP LINK IN YOUR EMAILS

FRESHERS' EVENTS

A GUIDE TO WHAT'S HAPPENING ON CAMPUS

There are a lot of events going on around campus. Where should you go? What should you prioritise? Where will you get the most free stuff? Read on to find out more about the events being held over the first fortnight of term:

WELCOME DINNER

Meet your year, your lecturers and the committee at this *free* dinner. The meal will be held at Ognisko, an exclusive members' club as well as one of South Ken's finest restaurants. Enjoy some delicious food and learn more about the people with whom you will spend the next few years. *The sign-up link has been emailed to you.*

FRESHERS' FAIR

Sign up for extra-curriculars that you want to do, or sign up for extra-curriculars as you are bribed with free cakes and sweets. Grab all the pens on offer as you walk around Queen's Lawn, the Great Hall and Beit. Stall layout is printed in Felix, the student newspaper.

BUDDIES' LUNCH

It's time for a picnic, with - you guessed it - more free food. Meet your (ChemEng) parents for the first time and chat with them over sandwiches. Afterwards, pester them to take you to the Union for drinks - they'll pay. Honest.

FAMILY FEUD

Get to know your family even more with a game of Family Feud. (That's Family Fortunes, if you're UK-based.) It's a quiz night with a difference, as you bond with your family over the one respondent who answers with a messed-up answer.

ASSORTED HALL EVENTS

Remember that you'll have hall events too. There is usually a ball at each hall, a large welcome event and a ferry cruise ***ahem, party boat on the Thames***. Meet your housemates and seniors, as well as completely random strangers. Be prepared to answer the same questions repeatedly for the next three weeks, and to forget everyone's names. Don't worry. Everyone does it.





THE REST OF THE YEAR

YOUR SOCIAL LIFE - SORTED

ChemEngSoc organises a plethora of events designed for you to bond with your peers, seniors and lecturers. These events are designed to ensure you make the best use of the social life Imperial and London offers and, most importantly, let some steam off! Some of the events are so fun and successful that we choose to repeat them.

A BALL OR SOMETHING

Usually in November, where you get dressed up and dance like you have no coursework tomorrow. "Dressed up" can vary from some clothes (casual) to no clothes ("Hawaiian theme") to fancy dress to very fancy dress (black tie). So, look out for details closer to the date.

PUB CRAWL

Held in last week of autumn term, students enjoy an exciting end to their term by exploring all that Fulham's nightlife has to offer. The final stop is always the Slug, a cultural icon amongst Imperial's more outgoing scholars. Photos from this event are best left unpublished.

BP TALENT SHOW

I can't believe BP sponsor us for this.

On an eerie, cold night in March, ChemEng students crawl out of their deadline-looming burrows and enjoy a tranquil night of entertainment. Here, they learn to admire, or laugh at, their peers as they attempt to display their talents which are not related to solving differential equations. Judged by BP representatives, but unfortunately not leading to job offers, shows include songs, dances, rap battles and occasional pole dancing. Acts are not limited to students however - lecturers can also get involved and show to the world they are more than the machines we often perceive them as.

Pictures will not do this event justice, so enjoy some sensational videos from YouTube showing some of the acts from 2019. Some of them are amazing. And then there are the lecturers. <https://imperialcollegelondon.app.box.com/s/r429gpqn4mazrjgqz2z7qhlnje3yc19w>

WELLBEING EVENTS

Perfect for those of you who want to destress, or want free coffee and biscuits. Last year, the student reps held a dog-petting event... it was really just an excuse to hug dogs. These events are stepping up this year, so hopefully the free coffee will keep flowing. Maybe if we hold enough of these events, we can convince the department to install a free coffee machine...

FRANK MORTON 2020

TOKYO 2020 - HERE WE COME

Hello to all the new first years.

For those who don't know (hopefully just Freshers), Frank Morton is a massive inter-university sports event, just for ChemEng students. This is followed by a club night out at the host university. The day consists of a combination of drinking, playing sports and drinking whilst playing sports. If that isn't enough to tempt you, here are some scenes from FM 2018 in Leeds:



Our ChemEng department is ranked second-best in the country. Let that sink in.



They genuinely have Quidditch.



Secret tinny stash.
Very important.

Frank Morton is an amazing night out and will give you lots of memories to cherish from your university life. There are many sports to choose from so everyone will find something they enjoy or something new to try out. Tickets will go on sale later this year in limited amounts, so buy them fast!

We will also hold the yearly Frank Morton T-shirt design competition later this term; the winner will receive a free ticket to Frank Morton. I will be updating you guys on the dates as soon as they're confirmed.

James

CAREERS CORNER

BECAUSE IT'S NEVER TOO EARLY TO START THE SEARCH

As the Industrial Relations and Sponsorship Officers, we liaise with companies to deliver career-oriented events. These include company presentations and careers workshops which are aiming to provide industrial exposure and connections, and to prepare our students for job applications.

We are always on the lookout for new sponsors, so you are well-informed heading into the grad market. Sponsors can get involved in many ways: running CV clinics, case study workshops and even one-on-one career chats.

However, sometimes our Sponsors go above and beyond to provide our services. BP, for example, sponsor our Talent Show. Shell sponsor our shirts for Frank Morton. (They are also the reason we can't make stripper jokes on said t-shirt.) Shell and ExxonMobil have both provided us with tours of their facilities.

So, look out for our events next year! And if you think a different careers event should be covered, speak to us - we want to get you hired.

Vanessa and Alessandro

PREVIOUS SPONSORS INCLUDE:



ExxonMobil



OSIsoft.

CHARTWELL
CONSULTING

bp

Mondelēz
International



Procter&Gamble



Safety First

Shell,
Amsterdam

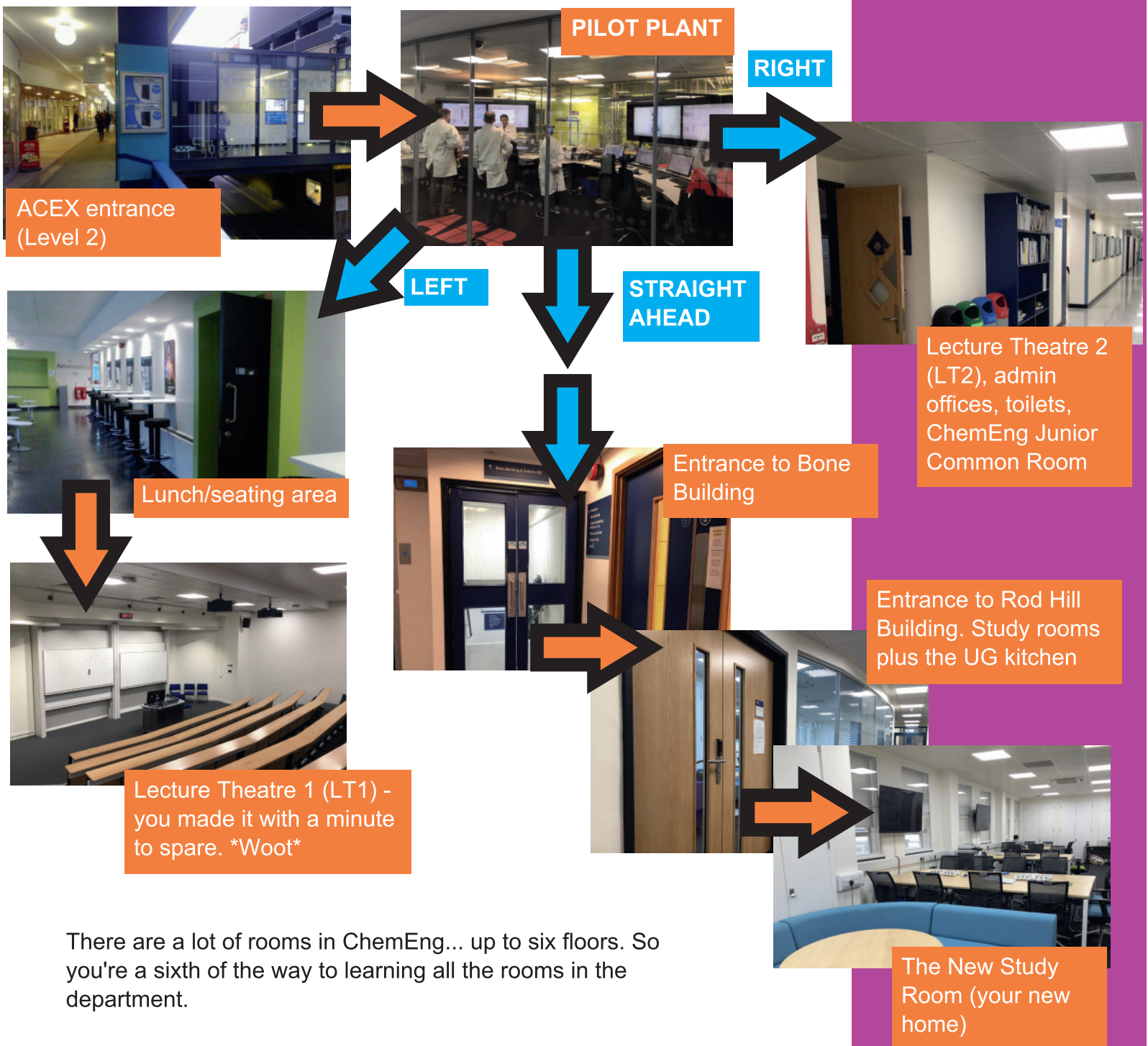


DEPARTMENTAL DIRECTIONS

OH, THE PLACES YOU WILL GO

Imagine it. You have arrived on campus half an hour later than hoped for, after sleeping through your alarm twice, and you have less than five minutes to get to ACEX 250 (LT1) to pick up your computer. (You live at Woodward. It's expected.) But you don't know where you're going - it's week 1 after all...

Worry not - here is a guide to Level Two of the Department:



There are a lot of rooms in ChemEng... up to six floors. So you're a sixth of the way to learning all the rooms in the department.

Good luck.

"Don't be afraid to voice your questions and doubts, especially for people from cultures without a habit of doing so."

"Search out Colin and be nice to him. He will be your rock for the next four years. He will help you with every single technical piece of work, and he will help you get through the emotional stress. Don't just walk past him - wave hello at his goldfish bowl."

"ChemEng is fun when you do more than ChemEng... i.e: don't let ChemEng take over your life!"

ADVICE FROM YOUR ELDERS

"This is not a competition. There is no need to fight amongst yourselves and keep information to yourself. Share your knowledge, and you'll learn way more than hoarding what you know."

FOR ONCE, JUST LISTEN TO WHAT WE KNOW. YOU WON'T REGRET IT.

"Talk to your elders - they have been through it before and give you good advice from anything homework to life advice - like a big sister. Speak to them to learn about planning for uni and beyond - four years is a really short time."

"Go to research talks and seminars - they're for your benefit, they may seem daunting, especially if you walk into a room of experts, but they can provide vital links between your degree and the real world. They may also give you the intellectual stimulation you require."

"Actually do the tutorial work and don't be afraid to ask your tutors. This will provide you with a real advantage and means you don't have to revise the content for the first time when it comes to exams."

"Get the support you need. If you have special learning requirements or feel like you need help in certain subjects seek advice. Imperial has a large DSA team who are there to help you. Plus, don't forget you can always ask your personal tutor for advice."

"Join clubs and societies - you will probably sign up to lots of these in freshers week, Don't just do ChemEng. I joined Lacrosse / Powerlifting / Pole Dancing / Shooting in 1st / 2nd / 3rd year and it gave me something different to look forward to every week."

"Invest time in your friends. It is important to maintain relationships with a few people you have met in the first year and this makes it more useful when you come to find a house. Also, it is nice to go out every once in a while."

"Don't be afraid of struggling. This is a step up from what you're used to - and you're trying to balance academics with 'adult life'. Uni will challenge you and push you beyond what you thought possible. This may mean spending more time on a subject than you previously allowed."

"Don't be afraid to ask for help if you feel like you are falling behind, the department has many channels there to help you. Many people can be helpful and encouraging, but no-one's going to help you if you don't ask for the help."

"Try to understand the course, rather than focusing on the grades - at least, in first year..."

AND NOW FOR SUMMER

So, that's it. No more anxiety over grades. You've got a solid plan in place. Everything is *gucci*. You're raring to go. Time to grab those ChemEng textbooks...

Wait a minute. Maybe that's not the right idea. This is a summer of freedom. Don't waste it.

I got in touch with Brechtelsbauer to ask for a reading list for you all. Rather than dive at introductory chemeng textbooks, he suggests reading "something that gives [you] motivation for the tough weeks ahead." (Kogelbauer agrees.)

So, don't hit the books - you're going to learn that stuff soon anyway. Instead, you could do something else. Something like this:

GO ON HOLIDAY

Use your newfound freedom to book some cheap flights and head off anywhere in the world. Or maybe just a random place in the UK. I know which I'd prefer.

GET A JOB

To afford a trip somewhere, as well as get some spending money for uni, why not track down a summer job? Gotta get that work experience somehow. Plus, you know, make your parents proud.

IMPROVE YOUR SKILLS

If you don't fancy heading outside at all over the next few weeks (ME), use your computer for something productive. Duolingo and Codecademy are two great websites for developing language and coding skills, respectively. Or you could do something completely different. I dunno... Knitting?

WATCH SOME TV

Let's be honest, you won't be THAT productive. So let's lower the bar. Let's watch some good TV. Apparently Stranger Things is good? I wouldn't know - I'm still getting over Love Island.

READ SOME BOOKS

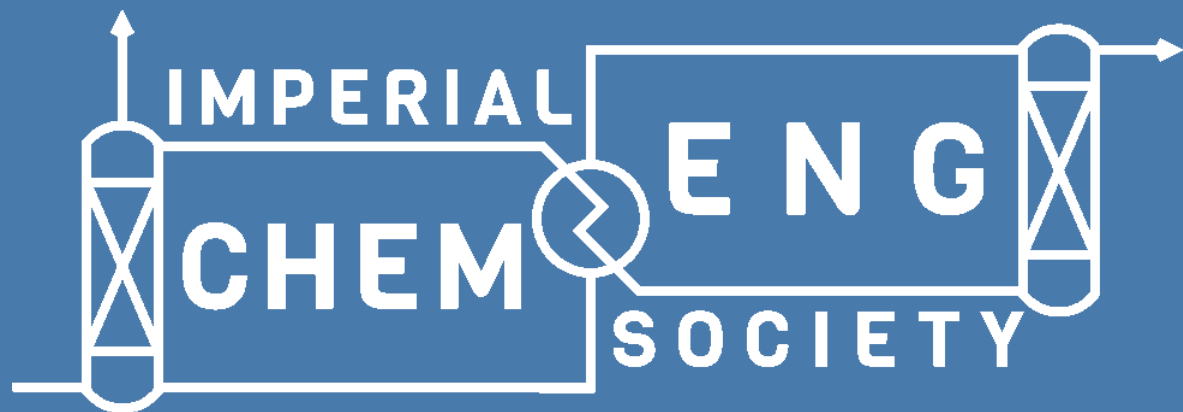
After reality TV, you need something to reset your IQ points. There are loads of great books around - check out your local library, or grab something from your local charity shop.

QUESTION LIFE

As you sit, vegetating in front of your computer, it makes you question... what is the point? This is a good time to question life, the universe and everything. You may as well. You've got the time. (If you find the answer, let me know.)

WATCH PAINT DRY

After the existential crisis passes, you realise there's nothing more of meaning left to do. So, stare at the walls. That's better than reading a ChemEng textbook.



CHEMENG SOC SOCIAL MEDIA



FRESHER FACEBOOK GROUP: www.facebook.com/groups/1168071353401582/
GENERAL FACEBOOK GROUP: www.facebook.com/icchemengsoc



FLICKR: www.flickr.com/photos/chemengsoc/albums



EMAIL: chemengsoc@ic.ac.uk



WEBSITE: www.chemengsoc.com

DEPARTMENTAL SOCIAL MEDIA



WEBSITE: www.imperial.ac.uk/chemical-engineering



TWITTER: www.twitter.com/imperialchemeng



LINKEDIN PAGE: www.linkedin.com/showcase/department-of-chemical-engineering

LINKEDIN GROUP: www.linkedin.com/groups/1829242

OTHER STUDENT MEDIA OUTLETS



CHEMENG CONVERSATIONS: www.imperial.ac.uk/chemical-engineering/research/chemeng-conversations-



FELIX: www.felixonline.co.uk



ENERGY JOURNAL: www.energyjournal.co.uk