



SURBITON

HIGH SCHOOL

# Careers and Higher Education Newsletter

## SUMMER 2020

Welcome to the summer edition of our newsletter which is full of information and upcoming activities to help you find, or to get further along, your chosen career pathway. No matter which year group you are in, it's never too early to start! Find out more in the following sections:

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***Exploring Higher Education and Super-Curricular Activities***

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***Beyond the Curriculum***

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***Careers Focus***

4

***Competitions***



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Welcome to the latest edition of our Careers and Higher Education Newsletter which is full of information to help you find, or get further along, your chosen career pathway. No matter which year group you are in, it's never too early to start! Find out more in the following sections:

**Section 1      Exploring Higher Education & Super-Curricular Activities      Page 2**

Including virtual University Open Days, Oxford University trips, University Scholarships and Degree Apprenticeships

**Section 2      Beyond the Curriculum      Page 9**

Including the SHS Super-Curricular Bible, University Taster Lectures and Summer Schools

**Section 3      Careers Focus      Page 13**

Including Virtual Internships, Work Experience profiles, Lunchtime Career Talk tips, careers in the gaming industry and super-yachting.

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## Section 1 - EXPLORING HIGHER EDUCATION & SUPER-CURRICULAR ACTIVITIES

### **Year 11 Trips to Oxford University**



Year 11 pupils took part in two trips to Oxford University in the Spring Term, and got to experience what it would be like to be a student at one of the many colleges by attending talks, lunch in hall, a tour of several departments and a visit to their Natural History Museum. We even had our own personal tour guides, former Surbiton High School students Katie and Julia, who gave great tips and a personal insight into life at university.

### **Top Tips for Year 11s Considering Oxbridge as they enter Sixth Form:**

- Ensure the three (or sometimes four) subjects you choose at A-level are academic strengths and interests as Oxbridge will be looking for AAA-A\*A\*A depending on the course (this is good advice for any student, not just those considering Oxbridge. Avoid randomly changing an A-level option on results day without getting advice as the A-level may vary considerably to the GCSE)
- Check specific subject requirements on the [Oxford](#) and [Cambridge](#) course pages, eg. Further Maths can make your application much more competitive in Physics, Computer Science, Economics at Cambridge and Engineering
- If doing an EPQ, try to align your EPQ topic with your degree. If you don't know your degree subject yet, keep your title open. It's odd to an Oxbridge admissions tutor if you're applying for Theology and your EPQ is on Maths!
- Extra-curricular (ie. Sport, music, etc...) are not relevant to an Oxbridge application. Therefore, while it's good to have something to balance your studies, perhaps avoid taking on too much extra-curricular as you will need time to undertake super-curricular studies (ie. Academic studies relevant to your degree beyond A-level) and your A-levels - as well as time to unwind!

If you need advice about choosing your A-levels for Oxbridge (or any other universities for that matter), remember you can email [terry.mcdermott@surbitonhigh.com](mailto:terry.mcdermott@surbitonhigh.com)

## University Virtual Open Days 2020

**2020  
UNI OPEN DAYS**

The majority of universities are providing virtual open days during the Summer Term. Research, forward planning and bookings are usually required even for the online events, so keep an eye on the university websites for confirmed dates as some open days can fill up very quickly. The dates below have already been confirmed. **Year 12 students were emailed this list before this newsletter was published in order to facilitate attendance.**

<u>Aberdeen</u>	Sat 13 June - Medicine & Dentistry virtual open day
<u>Bath</u>	Thurs 11 June, Thurs 16 July – live chats with students and staff; online videos of courses and accommodation available
<u>Birmingham</u>	Mon 22 June – Fri 26 June – virtual open days – check website for specific days per subject
<u>Bournemouth</u>	Wed 17 June – virtual course and subject presentations, live chat rooms, campus tour
<u>Bristol</u>	Fri 26 June
<u>Cambridge</u>	Virtual event 2 July, 3 July – must register in advance
<u>Cardiff</u>	Friday 3 July – virtual subject talks, presentations and live chats, campus tours
<u>Durham</u>	Subject specific virtual events in July and Aug
<u>Edinburgh</u>	Virtual event details TBC
<u>Exeter</u>	Online open days Tues 26 – Fri 29 May – live and pre-recorded presentations, Q&As, virtual tours
<u>Glasgow</u>	Tues 23 June - Virtual event
<u>Imperial</u>	Tues 14 July – Sat 18 July
<u>King's College, London</u>	Mon 20 July – Sat 25 July
<u>Leeds</u>	Mon 29 June – Fri 10 July live subject talks and Q&As
<u>Liverpool</u>	Fri 19 June, Sat 20 June
<u>London School of Economics (LSE)</u>	Virtual pages available from 1 June
<u>Loughborough</u>	Wed 24 June – Sat 27 June – virtual open days – check website for specific days per subject
<u>Manchester</u>	Mon 15 June – Fri 19 June – virtual talks, subject sessions, live chats; check website for specific days per subject
<u>Newcastle</u>	Fri 26 June, Sat 27 June, Sat 19 Sept
<u>Nottingham</u>	Online tours available
<u>Oxford</u>	Wed 1 July, Thurs 2 July

<u>Plymouth</u>	Online videos, talks, tours and presentations available
<u>Portsmouth</u>	Thurs 2 July, Sat 4 July
<u>Queen Mary's (UoL)</u>	Virtual open day in June
<u>Royal Holloway, University of London</u>	Fri 19 June, Sat 20 June
<u>Sheffield</u>	Virtual details for June and July TBC
<u>Southampton</u>	Wed 24 June – virtual subject talks, live chats and tours
<u>St. Andrews</u>	Online talks and tours available
<u>UCL</u>	Mon 29 June – Sat 4 July – check website for specific days per subject
<u>University Arts London (UAL)</u>	Course specific online events throughout June
<u>Warwick</u>	Virtual Open Days in June TBC
<u>York</u>	Fri 26 June, Sun 28 June

### **The Times Higher Education Global University Ranking 2020**



Rank	Institution		Rank	Institution	Rank	Institution
1	MIT		20	Edinburgh	93	Leeds
2	Stanford		27	Manchester	96	Nottingham
3	Harvard		33	Kings	97	Southampton
4	Oxford		44	LSE	100	St Andrews
5	Caltech		49	Bristol		
6	ETH Zurich		62	Warwick		
7	Cambridge		67	Glasgow		
8	UCL		78=	Durham		
9	Imperial		78=	Sheffield		
10	Chicago		81	Birmingham		

## UCAS 2019 Analysis



UCAS analysis shows that 49% of 18yr olds who sat at least three A-levels, were accepted with lower grades than those advertised. The UCAS report says, "*Findings from the 2019 cycle suggest that applicants should not be deterred from applying to courses with challenging entry requirements. Universities and colleges frequently accept applicants who perform below their entry requirements.*"

Overall, 73.6% of the UK's 18-year-olds who were accepted onto a course got a place at their first-choice university.

### New Degrees available at Durham University



The [BSc Mathematics and Statistics \(G111\)](#) (3 years) and [MMath Mathematics and Statistics \(G114\)](#) (4 years) courses are available for 2020 entry onwards.

Both courses combine a strong foundation in core mathematics and statistics with exciting recent developments in statistics and machine learning, providing a unique preparation for our data-driven future.

### [BA Education Studies](#)

Education Studies is a broad multi-disciplinary degree, designed for the intellectually and practically curious. This degree programme goes far beyond the classroom and considers education, people and their relationship to the ever-changing world.

### Department for Education Essential Guide for Student Finance



This [guide](#) will help you to understand the financial support available to help you to pursue higher education. As well as details on tuition fees, loan amounts and repayment thresholds, there is information about extra financial support that may be available for those who need it.

## Undergraduate Academic Scholarships



### **Scholarship**

There are a variety of scholarships available for university courses offered by universities, companies and private individuals. The selection below shows that a little research can reap valuable rewards!

The Scholarship Hub – Start your research with [this website](#) which is full of information on UK scholarships, grants or bursaries for university.

Cambridge University – Khattar-Harrison Scholarship – This was awarded to a former student, Megan, in 2019 - £5,000 p.a.

Manchester, Leeds and Birmingham Universities – These universities offer various scholarships for a range of subjects

Durham University - Various scholarships are available across different subjects, including the BP Scholarship for students identified by STEM and Management/Economics departments providing £3,000 p.a.

Newcastle University– [Various scholarships available for most subjects.](#)

Birmingham University [Physics Academic Scholarship](#) - £1000

Army Medical Services Bursary – Doctor, Dentist, Nurse or Veterinary scholarships up to £75,000 for the duration of the course

Army Officer Scholarships – apply from Year 12 for sixth form and university financial support, £9000 over 4 years

Business Scholarship – 1<sup>st</sup> Formations are offering £600 to 10 successful Business applicants

York University [English](#) or [European Languages](#) Scholarships - £1000 for academic achievement

Southampton University [Electronics and Computer Science Scholarship](#) – female applicants only, up to £3000.

Bristol University [Biology and Physics scholarships](#) - £2000 p.a. for female students

Bath University [Arts Scholarship](#) – up to £1500 for students in the performing arts, backstage skills or visual arts

Royal Holloway, University of London [English Scholarship](#) – £5000 over 3 years

Bath University [Sports Scholarships for students of Management, Engineering or Economics](#) - £5000 p.a.

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## Degree Apprenticeships



If you'd like to pursue further study whilst gaining a head-start in your career then a Degree Apprenticeship could be an option for you. You can study for your degree while working and your employer will pay you a salary as well as pay your study fees. As a Degree Level Apprentice, you will be earning money while you learn and have no student debt hanging over you when you graduate.

**DEGREE APPRENTICESHIPS**  
A SIMPLE GUIDE

**WHAT ARE THEY?**  
Degree Apprenticeships are a way of getting your degree whilst working and your employer pays for your tuition fees.

**WHAT CAN I LEARN?**  
There are lots of different types of degree apprenticeships available and more being added all the time.

**WHO OFFERS THEM?**  
Companies work in partnership with universities

**WHAT QUALIFICATIONS WILL I NEED?**  
You will need 3 A'levels or equivalent and you need to be eligible to work in the UK

Find out more at  
[WWW.THESCHOLARSHIPHUB.ORG.UK](http://WWW.THESCHOLARSHIPHUB.ORG.UK)

**WHICH UNIVERSITY WILL I GO TO?**  
You will be enrolled by your employer at the university they have partnered with to study for your degree, while you work

**WHAT ARE THE BENEFITS OVER UNIVERSITY?**  
You will graduate debt free, have 3 - 5 years work experience and most likely be offered a job by your employer on graduation

**HOW DO I APPLY?**  
Employers advertise vacancies just like any job. If you haven't made up your mind yet, you can apply for degree apprenticeships at the same time as applying to university

<https://www.thescholarshiphub.org.uk/degree-apprenticeships-vacancies/>

**DEGREE APPRENTICESHIP STATS**

- 13,587 starters in 2018/9
- 20% of time spent studying
- 80% stay on with employer

Find out more at  
[WWW.THESCHOLARSHIPHUB.ORG.UK](http://WWW.THESCHOLARSHIPHUB.ORG.UK)

Explore further with the following links:

The Scholarship Hub [Degree Apprenticeship Guide](#)

Prospects [Degree Apprenticeship Guide](#)

## [Amazing Apprenticeships](#)

Explore some of the websites and vacancies that are available:

[The Degree Apprenticeship Hub](#) – degree apprenticeship guide and vacancies

[GOV.UK Find an Apprenticeship](#) – database of apprenticeship for all levels of qualification

[RateMyApprenticeship](#) – website focusing on degree apprenticeship information and vacancies

[Police Force Apprenticeship Programme](#) – earn from £18,000 p.a whilst you learn

[Virgin Media Digital User Experience Degree Apprenticeship](#) – 3 A-levels required (BCC); salary £24-26k, 48 months.

[Virgin Media Apprenticeships](#) – various roles including Civil Engineer and Solutions Design Engineer

Clarion House [Chartered Surveyor Degree Apprenticeship](#) – earn from £20,000 to £30,000 for this 5 year programme

Aston University [CapGemini IT Degree Apprenticeship](#) – The company will pay your full tuition fees

[Unilever Degree Apprenticeships](#) – 36 months, A-level entry roles available including Data Scientist, Data Analyst, Packaging, Food and Business Administration

[Skansa Trainee Environmental Practitioner Degree Apprentice](#) – min 2 A-level requirement for a role in one of the top construction and development companies. On the job training and day release to Kingston University.

Stateside Foods [Packaging Technologist Degree Apprenticeship](#) – on the job training and studying for students interested in food, business and management.

[RAF Advanced Apprenticeship Scheme - Defence Photographer](#) - 18 month programme available from age 16+. Salary range from £15,600 – £20,000.

[BBC Apprenticeships](#) – explore roles within Production, Design and Engineering, Journalism and Business

[Amazon Degree Apprenticeships](#) – including IT Support and Automation Engineering degree apprenticeships. Min 2 A-levels, 48 months.

[EY Business and Consulting Apprenticeships](#) – various roles including Digital and Technology, Business Consulting and Tax Business. A-level entry.

[KPMG Apprenticeships](#) – including Digital Software Engineering and Auditing.

[JP Morgan Apprenticeships](#) – various Financial Services roles available

[Tech Partnership](#) - Tech Industry backed degree apprenticeships

## Section 2 - BEYOND THE CURRICULUM

There are a range of enrichment activities available for all year groups aimed at helping students choose a subject, to develop their skills or knowledge in a particular area, or to experience life at a particular institution. Take a look at what's available:

### [SHS Super-Curricular Bible](#)



This booklet is a bible of all things super-curricular (those academic activities that go beyond your curriculum studies) and as well as encouraging students to explore their subjects in more depth and breadth than they might have done otherwise, it also enables them to explore subjects that are not offered in School. In so doing, it will help students to make more informed choices about their university subject and develop the independent study skills so valued by universities. In due course, it will help students to find the content that will help them write their UCAS personal statements.

Please follow the [Career Department's new YouTube Channel](#) for tips on exploring and using super-curricular resources.

### UNIVERSITY LECTURE TASTER COURSES

#### Cambridge University Subject Masterclasses



Subject Masterclasses are subject-specific events that offer academically able students in Year 12 the chance to experience typical undergraduate teaching at the University of Cambridge, and to get a flavour of what it's like to be a student there.

Each [Masterclass](#) includes:

- two taster lectures delivered by leading academic staff from the university
- the opportunity to discuss and ask questions
- an introduction to the Cambridge admissions process
- the opportunity to hear about life as a Cambridge student from current undergraduates.

Subject Masterclasses take place throughout the year. New subjects and dates are added regularly, so refer to the website for the latest classes. Early booking is essential and there is a **cost of £20 per person**. Classes are often on Saturdays or in the holidays, so you should

sign up for these if interested. If a class falls on a school day, permission must be sought and will only be granted in limited circumstances.

Note that although many masterclasses are in the Spring or Summer Term of Year 12, some do take place in Autumn Term, so please do keep an eye out over the autumn therefore.

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### **University of London Free Taster Courses**



[The Taster Course Programme](#) provides students with a taste of what life at a London university is like. All the taster courses are free to attend, and you can choose a course from a variety of subjects ranging from voice and drama, to medicine and nursing, to computing and business. Most courses are being made available to access online at this time.

### **Engineering & Design Online Taster Talks**



Delivered by University of Bath academics, these [5-minute taster talks](#) are designed to introduce students to new concepts and include downloadable classroom activities:

- Building frequencies - why structures move and shake, and how structural engineers can tune buildings to make them safe
- Dealing with waste water - what happens once our used water goes down the drain and how engineers are changing the way we manage this important resource
- Great architecture - using an ancient formula to assess how we can define great design and build sustainably for our future
- Energy harvesting - creating small amounts of power from the world around us
- Tomorrow's electronics - the new materials that will power the electronics of the future.

### **REMINDER! – Free Online University Courses**

There are many free online courses (sometimes known as MOOC's – Massive Open Online Courses), lectures, podcasts and much more, offered by the best universities worldwide. They are not only interesting but can also help you to explore your potential university subject(s) and evidence your interest in your chosen degree in your UCAS personal statement. Portals for exploring what's available include:

[MOOC](#)

[Futurelearn](#)

[Coursera](#)

[Open Culture](#)

[Oxford University Podcasts](#)

Thinking about a degree in a subject you haven't studied before? Moocs are not just a great way to display supra-curricular engagement to impress universities for any subject, they are particularly useful to test whether you find a new subject that you haven't studied at School interesting.

For example, thinking about a law degree? [Consider this Introduction to Common Law MOOC](#)

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## **Explore**

**YEARS 7 - 13**



*Could we live on another planet? Could we end poverty? Could we live without laws?*

Explore is an innovative digital outreach portal from the University of Oxford. The 'Home of Big Questions' aims to engage those from 11 to 18 years with debates and ideas that go beyond what is covered in the classroom. Big questions tackle complex ideas across a wide range of subjects and draw on the latest research undertaken at Oxford. Explore aims to realise aspirations, promote broader thinking and stimulate intellectual curiosity: [www.explore.org/about](http://www.explore.org/about).

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## **SUMMER SCHOOLS**

**YEARS 10 - 13**

This year there are some great summer courses available that are being made available online (fees apply). These are a great way to explore areas of interest, to help with university applications or to find out more about a career you hadn't maybe considered before.

## **InvestIN Programmes**



The [InvestIN programmes](#) prepare students for the world's most competitive and prestigious careers through these immersive career experience programmes (**fees apply**). They are currently advertising the following events based in London locations; however, courses may

also be provided online at this time. Please note that the educational establishments used for the locations are not providing any of the course content:

24 July – 2 Aug, or 21 Aug – 30 Aug	The Young Engineer Summer Internship
1 - 4 Aug or 29 Aug – 1 Sep	The Young Doctor Summer Internship
1 - 4 Aug or 29 Aug – 1 Sep	The Young Lawyer Summer Internship
8 – 11 Aug	The Young Architect Summer Internship
8 – 11 Aug	The Young Computer Scientist
8 – 11 Aug	The Young Entrepreneur Summer Internship
15 – 18 Aug	The Young Filmmaker Summer Internship
15 – 18 Aug	The Young Political Leader Summer Internship
15 – 18 Aug	The Young Psychologist Summer Internship

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### **The Debate Chamber Summer Schools**



[Courses are available](#) (fees apply) for students aged 15-18 in classical civilisation, computer science, dentistry, economics, English Literature, History, International Relations, Law, Maths, Medicine, Philosophy, Physics and Politics.

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## Section 3 – CAREERS FOCUS

### Internships

#### INTERNSHIPS

#### **Virtual Internships on offer – Google, PwC, M&S and Vodafone**

Three day virtual internship experiences in areas such as technology, commercial law and investment banking, Business Operations and Marketing, Finance & Professional Services are available with Google, Marks & Spencer, PwC and Vodafone are amongst those taking part in what is being described as the UK's largest virtual careers experience. Only available to students aged 18+ from the end of June. Free access with unlimited spaces.

#### [Internship Experience UK](#)

### Work Experience Profiles

#### Jess, Year 12 Work Experience Advice – Veterinary Medicine



All VetMed courses require some level of work experience to apply, ranging from as little as two weeks to about eight plus. However, the most important thing is **what** you get from placements and the **range of experiences** you get far more than the hours you spend. I'd keep this list of types of experience in mind as you start looking for placements, it's where I started! Not limited to this though, as any hands on or observational experience is useful.

- Small animal practice (in clinic)
- Large animal practice (e.g. equine or farm clinics)
- Stables
- Kennels/Cattery/RSPCA etc.
- Lambing
- Farm animal work (pigs, cows etc.)

The main reason you need large animal experience is to get comfortable working with them, as coming from a London/Surbiton background you need to prove that you've had enough exposure to keep up with people who've grown up on farms or in the countryside. I mentioned getting some exposure to horses may be helpful before applying to any equine

placements, so maybe ring up or visit local stables and get a lesson or two if you can, to try and get used to being around such big animals.

To get small animal experience I'd recommend emailing any local clinics you can – Vet4Life have a great work experience programme and you can just apply online. Also don't underestimate the power of asking around; most of my placements came from friends of friends of friends.

### Applying to Uni

When picking where to apply, I took into account mainly where I would be spending those 5 years, and whether it suited me there. For VetMed the course is the same at every university, so wherever you go you'll learn the same thing – consider grade and work experience requirements when picking where to apply, as well as whether they interview. Also check whether AS Maths is sufficient as a third science for all the universities as this may narrow down your options, and if you run into a problem with your choices go and see someone on the Sixth Form team - they'll help you out!

I would also very much recommend open days as they really give you a feel for the place, and as most of my decisions were based off whether I wanted to live there, these were very helpful. The Oxbridge Programme (you're welcome Mr McDermott) was also super helpful in interview prep, so when the time comes to consider joining it, I would definitely think about it!

The Careers team have also produced this summary of [Veterinary course entry requirements](#) to help with your research.

### Naomi, Year 12 – Engineering Work Experience



Just a bit about my work experience: I had an absolutely amazing time and loved how friendly everyone was. They really made the effort when I went round to each of the different labs. In the materials lab I learnt all about the different measuring tests and got to pull apart a piece of aluminium. In the mechanics workshop, they let me do a first year course that involved making a metal box. One guy taught me for an afternoon and morning all the different skills (where I found out how much I like doing practical work). In the aeronautics side, I got to go on the flight simulator, toured around the Learjet they have inside the uni and use the wind tunnel to test a wing model. I also went into the electrics lab which I thought I'd hate because electricity is not my strong point. But actually I got to take

apart DVD players and computers followed by solving a second year programming issue using just GCSE maths.

I would say that the technicians emphasised common sense and often commented that many students lack this. They really wanted to get the people thinking for themselves and not always needing the answers straight away - like how secondary school is.

Once again thank you for organising the opportunity and please be sure to pass my name on to anyone that might do it in the future if they want some advice.

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## CAREERS TALKS

We have been fortunate to have some truly inspiring lunchtime careers talks this year from lots of different professions and industries. Here is a selection of tips from the talks.

### Quotes from Previous Visiting Speakers

**Emerging STEM Careers in Investment Banking & The City**  
**Former Student Deniz Mace-Jones, Executive Director, EMEA Fixed Income Sales, UBS Investment Bank**



*“Don’t hold yourself back, anything is possible, never think you can’t do anything as there is lots of support available internally”*

*“Fewer than 1 in 7 in hedge funds are women but this is changing as women do less trades, pay less fees and make better risk assessments”*

*“Top tip - learn Python programming, it will be SO valuable”*

*“Don’t be put off banking if you are not good at maths, as the banks actively encourage diverse backgrounds”*

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## Essential Skills for Thriving in the 21<sup>st</sup> Century Workplace

Annette Eglen, Employability and Personal Coach



*“Recognise that you are unique. In a global population of 7.7 billion people there is no-one else like you. Be proud and confident!”*

*“School is the start of the journey. Begin to understand your strengths and develop key business skills now. Use your time at Surbiton wisely.”*

*“Start to build a network in school. In the subjects you love and also those you consider a weakness. Ask for feedback.”*

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### Interview Success

Yana Ing, VP Barclays Life Skills



*“For all interviews make sure that you will be your most well-prepared, best and confident self. Practice your standard responses 6, 7 or 8 times so that it sounds smooth and confident”*

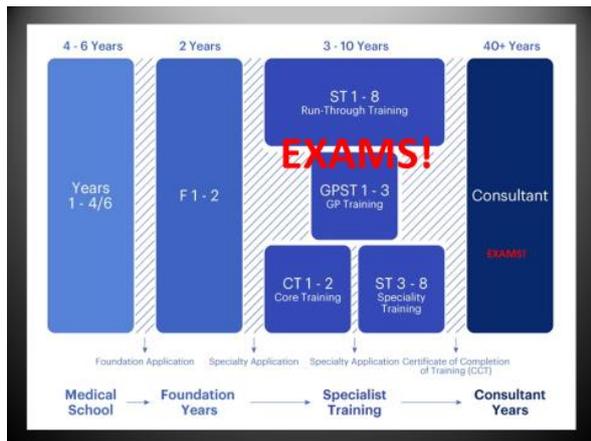
*“Prepare just as much for a Skype interview, think about what you are wearing, which room to use, tie your hair back and try out the technology in advance. Have a back-up option ready”*

*“Prepare competencies and examples in advance, using the STAR model. Research the company and their values and behaviours and then align your answers”*

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## Careers in Emergency Medicine

Mr Glyn Barnett, Emergency Medicine Consultant, Frimley Park Hospital, NHS



*“Medicine has to be your vocation and not a give-it-go career. Consider the 100s of other medical careers too, not just being a Doctor”*

*“Don’t be in a hurry, it’s a long career. The more time you take the better. Life experience is very useful - Gap years add something to you as an individual. Do something useful. Consider post-graduate entry too as being older and wiser definitely has its advantages”*

*“British medical careers will take you all over the world (except the US) as it is very highly respected and there are so many opportunities”*

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## Studying Languages at University

Former SHS student, Charlotte Riley, Manchester University.



*“All language courses have the same structure; it is just the language that differs. The duration of the lessons is the same whether it is a major or minor choice”*

*“The study abroad option is so well organised. There are lots of options and so many universities to choose from. You are prepped really well and instructed by experts”*

*“If you are starting a language from scratch, keep the workflow going to make sure you keep on top of it”*

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## What is Marketing? Kate Quinton, Marketing Consultant



*"Marketing is about influencing people to make decisions, to choose to buy your product or brand over another"*

*"Graduate schemes are the perfect introduction to corporate marketing as you get to do placements around the business and you learn so much"*

*"it's not about creating adverts, it's your job to write the strategic brief for the ad agency and to judge their ideas"*

*"Marketers are 'jack-of-all-trades', you need to be good at lots of skills not just one. It's challenging, varied and it's about people"*

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## Kanako Hara

**Former SHS student; current Land Economy student, Cambridge University**



*"My course is a combination of economics, real estate, finance, law and the environment. It involves lots of reading, writing and analysis"*

*"You need good analytical skills and a willingness to learn"*

*"Land economy graduates often go on to careers in consulting, banking, finance and the public sector"*

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## Dr Ruth Diaz, Medicine

**VP Medical Affairs, EUMEA at BioMarin Pharmaceutical Inc.; Honorary Doctor Chelsea and Westminster Hospital**



*“Medicine is not just about being a doctor, there are lots of opportunities in academia and research and development roles within the BioTech industry. Doctors are in very, very high demand and are very well paid”*

*“Artificial Intelligence (AI) is going to change the world of medicine immensely. Radiology is already ahead of the curve with A.I”*

*“You need a good memory but more importantly you need to be very good at remembering patterns”*

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## Career Insights

### We need to do more to get females into the Gaming Industry



Higher Education Statistics Agency figures show that 88% of students on video games courses were male in 2017. The percentage of women studying video games design has grown, from 7% in 2014-15 to 11.5% in 2017-18, and it seems that courses that stress creativity, rather than technology are better at attracting women. At the London College of Communication the moving image and digital arts programme, which includes games design, virtual reality and animation, has over 50% women. The University for the Creative Arts say that their institution’s games degrees have sustained a 60/40 male/female split for several years. Brunel University, say their department focuses on games design “as a

creative discipline, not just a technical one”, and has much more even gender split than most other gaming courses. The games design courses at Brunel University, Southampton University LCC and UCA all invite female guest lecturers working in games. They also add games from a diverse range of creators to the course and hold events with industry experts who can share their own experiences and help students understand how they can fit into the industry.

Students need to be made aware of all the career opportunities in games, and tech in general. There’s such a range of job roles, different types of companies, different genres and platforms you can work on – most parents don’t realise game development could be a serious career.

### **Girls should consider a career in SuperYachting**



Jenny Matthews is a first officer on superyachts, a role that includes helming the vessels. Overall, 95% of yacht captains and first officers are men. This has prompted her to start the [‘She of the Sea’ campaign](#) because “after securing my officer of the watch ticket in 2018, I realised that in the eight years working on deck, I’d never worked with another woman in the deck department [the senior staff who navigate the ship alongside the captain]. I wanted to know if there were any other women officers out there.”

The campaign was inspired by Kate McCue, the first woman to captain a ‘mega’ cruise ship, and similar efforts to raise the visibility of female commercial airline pilots. Ms McCue has built up a following of more than 100,000 people on Instagram detailing her life as captain of Celebrity Edge, a \$1bn 130,000-tonne cruise ship with capacity for 2,900 passengers. The International Society of Women Airline Pilots said that there are just 9,746 female airline pilots out of a global total of 185,143. Women make up just 1.42% of air captains, the highest rank.

One aim is to let schoolchildren know that working as an officer or engineer on a superyacht sailing the world is a viable career no matter their gender, if they work hard at maths and science. Ms Matthews said, “The only way to really change things is to get people enthused when they are young, ‘If she can see it, she can be it,’ and we’re planning our own roadshow to schools in the UK and across the world to encourage girls to study Science, Maths and Engineering so that they can take career paths like this.” She said **superyachts are all about maths, “from designing them to building them, to working out where they can go and driving them. I never thought that I would be using Pythagoras, I really, really glazed over**

it in high school, but that's pretty much navigation. Superyachting is literally all Stem, from designing them to building them to working out where they can go and driving them."

## Section 4 – COMPETITIONS

There are a range of competitions available to students throughout the year which, apart from being fun and interesting and lots offering cash prizes, they also look great on a UCAS application form and are particularly helpful in helping you to stand out if you are applying for highly competitive courses.

If any competition has a limit on the number of applications per school, please let us know your plan to enter before entering. Carefully note any age restrictions.

**If you are in Year 7 to 11 - contact Mr Reeves and Ms Gore: [paul.reeves@surbitonhigh.com](mailto:paul.reeves@surbitonhigh.com) and [Rachel.gore@surbitonhigh.com](mailto:Rachel.gore@surbitonhigh.com)**

**If you are in Year 12 to 13 - contact Mr McDermott: [terry.mcdermott@surbitonhigh.com](mailto:terry.mcdermott@surbitonhigh.com)**

The competitions are updated annually, so keep an eye on the websites for the latest competitions. This updated list is included in each newsletter as it includes competitions that run throughout the year and is aimed at all year groups.

<b>ART:</b>	<b>Closing Date</b>	<b>Year Group</b>
<b>The Nancy Rothwell Award (Art &amp; Science) – The Royal Society of Biology</b> <a href="http://www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award">www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award</a>	July	Years 7-13
<b>CLASSICS:</b>		
<b>Classics Essay Competitions (Cambridge University)</b> <a href="http://www.classics.cam.ac.uk/prospective/undergraduate/essay-competitions">www.classics.cam.ac.uk/prospective/undergraduate/essay-competitions</a>	Various	Year 12
<b>ECONOMICS:</b>		
<b>Bank of England and Financial Times School Blog Competition</b> <a href="http://www.bankofengland.co.uk/education/competitions/ftblog/school-blog-2019-2020">www.bankofengland.co.uk/education/competitions/ftblog/school-blog-2019-2020</a>	January	Years 12 & 13
<b>Young Economist of the Year (Royal Economic Society and The Financial Times)</b> <a href="http://www.res.org.uk/education/young-economist-of-the-year.html">www.res.org.uk/education/young-economist-of-the-year.html</a>	June	Years 11-13

<b>The Marshall Society Essay/Article Competition (Cambridge University)</b> <a href="http://marshallociety.com/essay-competition/">http://marshallociety.com/essay-competition/</a>	August	Years 11-13
<b>ENGINEERING:</b>		
<b>The Big Bang UK Young Scientist and Engineers Competition</b> <a href="https://competition.thebigbangfair.co.uk/">https://competition.thebigbangfair.co.uk/</a>	April	Years 7-13
<b>ENGLISH:</b>		
<b>Peterhouse Thomas Campion English Prize (Peterhouse, Cambridge)</b> <a href="http://www.pet.cam.ac.uk/essay-prizes">www.pet.cam.ac.uk/essay-prizes</a>	Dec-March	Year 12
<b>Christopher Tower Poetry Competition (Christ Church College, Oxford)</b> <a href="http://www.chch.ox.ac.uk/research-and-academia/enter-tower-poetry-competition">www.chch.ox.ac.uk/research-and-academia/enter-tower-poetry-competition</a>	March	Years 11-13
<b>Royal Commonwealth Essay Competition</b> <a href="https://thercs.org/assets/Essay-Competition/2020/FINAL-Essay-Competition-flyer-2020-TP.pdf">https://thercs.org/assets/Essay-Competition/2020/FINAL-Essay-Competition-flyer-2020-TP.pdf</a>	June	Years 7-13
<b>Connell Guides Essay Prize</b> <a href="https://connellguides.wordpress.com/essay-prize/">https://connellguides.wordpress.com/essay-prize/</a>	September	Years 10-13
<b>BBC Young Reporter Competition</b> <a href="http://www.bbc.co.uk/news/49509131">www.bbc.co.uk/news/49509131</a>	October	Years 7-13
<b>FRENCH:</b>		
<b>French Film Competition (Oxford University)</b> <a href="http://www.mod-langs.ox.ac.uk/schools/language-competitions#french">www.mod-langs.ox.ac.uk/schools/language-competitions#french</a>	December	Years 7-13
<b>GEOGRAPHY:</b>		
<b>Royal Geographical Society – David W. Smith Memorial Prize</b> <a href="http://www.rgs.org/schools/competitions/david-w-smith-memorial-prize/">www.rgs.org/schools/competitions/david-w-smith-memorial-prize/</a>	March	Year 12
<b>Young Geographer of the Year</b> <a href="http://www.rgs.org/schools/competitions/young-geographer-of-the-year/">www.rgs.org/schools/competitions/young-geographer-of-the-year/</a>	October	Years 5-13
<b>GERMAN:</b>		
<b>German Olympiad Competitions (Oxford University)</b> <a href="http://www.ogn.ox.ac.uk/competitions">www.ogn.ox.ac.uk/competitions</a>	Various	Years 7-13

<b>HISTORY:</b>		
<b>Julia Wood History Essay Prize (St Hugh's College, Oxford)</b> <a href="http://www.st-hughs.ox.ac.uk/prospectivestudents/outreach/julia-wood-site/">www.st-hughs.ox.ac.uk/prospectivestudents/outreach/julia-wood-site/</a>	<b>February</b>	<b>Years 12 &amp; 13</b>
<b>The Historical Association Historical Fiction Prize and the Joan Blyth Memorial Prize</b> <a href="http://www.history.org.uk/primary/categories/530/news/3451/write-your-own-historical-fiction-competition-2019">www.history.org.uk/primary/categories/530/news/3451/write-your-own-historical-fiction-competition-2019</a>	<b>May</b>	<b>Years 5-9</b>
<b>The Young Walter Scott Prize (History)</b> <a href="http://www.walterscottprize.co.uk/young-walter-scott-prize/">www.walterscottprize.co.uk/young-walter-scott-prize/</a>	<b>October</b>	<b>Years 11-13</b>
<b>Peterhouse Vellacott History prize (Peterhouse College, Cambridge)</b> <a href="http://www.pet.cam.ac.uk/essay-prizes">www.pet.cam.ac.uk/essay-prizes</a>	<b>December</b>	<b>Year 12</b>
<b>LAW:</b>		
<b>Lord Toulson Essay Prize in Law (Jesus College, Cambridge)</b> <a href="http://www.jesus.cam.ac.uk/college/undergraduate/lord-toulson-essay-prize-law">www.jesus.cam.ac.uk/college/undergraduate/lord-toulson-essay-prize-law</a>	<b>April</b>	<b>Years 12 &amp; 13</b>
<b>LINGUISTICS:</b>		
<b>The Nancy Rothwell Award (Art &amp; Science) – The Royal Society of Biology</b> <a href="http://www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award">www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award</a>	<b>July</b>	<b>Years 7-13</b>
<b>Linguistics Essay Prize (Trinity College, Cambridge)</b> <a href="http://www.trin.cam.ac.uk/undergraduate/essay-prizes/linguistics/">www.trin.cam.ac.uk/undergraduate/essay-prizes/linguistics/</a>	<b>August</b>	<b>Year 12</b>
<b>MATHEMATICS:</b>		
<b>National Young Mathematicians Awards</b> <a href="http://www.explorelearning.co.uk/schools-and-community/national-young-mathematicians-awards/">www.explorelearning.co.uk/schools-and-community/national-young-mathematicians-awards/</a>	<b>Oct - Nov</b>	<b>Years 7 &amp; 8</b>
<b>National Cypher Challenge</b> (A nationwide, online code-breaking competition) <a href="http://www.cipherchallenge.org">www.cipherchallenge.org</a>	<b>Monthly</b>	<b>Years 7-13</b>
<b>UK Mathematics Trust (UKMT) Challenges - Junior, Intermediate and Senior</b>	<b>Various</b>	<b>Years 7-13</b>

<a href="http://www.ukmt.org.uk">www.ukmt.org.uk</a>		
<b>MEDIA:</b>		
<b>Journo Resources – list of student journalism competitions</b> <a href="http://www.journoresources.org.uk/young-student-journalism-awards-complete-list">www.journoresources.org.uk/young-student-journalism-awards-complete-list</a>	Various	Years 7-13
<b>Young Financial Journalist Competition</b> <a href="http://www.libf.ac.uk/study/financial-capability/student-zone/young-financial-journalist">www.libf.ac.uk/study/financial-capability/student-zone/young-financial-journalist</a>	Nov - Jan	Years 10-13
<b>PHILOSOPHY:</b>		
<b>University of Sheffield Philosophy Essay prize</b> <a href="http://www.sheffield.ac.uk/philosophy/essay-competition">www.sheffield.ac.uk/philosophy/essay-competition</a>	March	Years 10-12
<b>Lloyd Davis Philosophy Prize (Oriel College, Oxford)</b> <a href="http://www.oriel.ox.ac.uk/study-us/schools-liaison/lloyd-davies-philosophy-prize">www.oriel.ox.ac.uk/study-us/schools-liaison/lloyd-davies-philosophy-prize</a>	April	Year 12
<b>Trinity College Cambridge Philosophy Essay Prize</b> <a href="http://www.trin.cam.ac.uk/undergraduate/essay-prizes/philosophy/">www.trin.cam.ac.uk/undergraduate/essay-prizes/philosophy/</a>	May	Year 12
<b>Edgar Jones Philosophy Essay Competition (St Peter's College, Oxford)</b> <a href="http://www.spc.ox.ac.uk/edgar-jones-philosophy-essay-competition">www.spc.ox.ac.uk/edgar-jones-philosophy-essay-competition</a>	September	Year 12
<b>SCIENCE:</b>		
<b>Imperial Faculty of Natural Sciences - Schools Science &amp; Innovation Competition</b> <a href="http://www.imperial.ac.uk/natural-sciences/about-us/outreach/schools-science-competition/schools-competition-2020/">www.imperial.ac.uk/natural-sciences/about-us/outreach/schools-science-competition/schools-competition-2020/</a>	Sept - Dec	Years 7-13
<b>Chemistry Olympiad (Royal Society Chemistry (RSC))</b> <a href="https://edu.rsc.org/enrichment/uk-chemistry-olympiad#how-does-competition-work">https://edu.rsc.org/enrichment/uk-chemistry-olympiad#how-does-competition-work</a>	Sept - Jan	Years 12 & 13
<b>Kelvin Science Prize (Peterhouse College, Cambridge)</b> <a href="http://www.pet.cam.ac.uk/essay-prizes">www.pet.cam.ac.uk/essay-prizes</a>	December	Year 12
<b>British Biology Olympiad (The Society of Biology)</b> <a href="http://www.rsb.org.uk/get-involved/rsb-competitions/british-biology-olympiad">www.rsb.org.uk/get-involved/rsb-competitions/british-biology-olympiad</a>	Jan - Feb	Years 12 & 13

Beamline for schools (in association with CERN) – Physics <a href="https://beamlineforschools.cern/">https://beamlineforschools.cern/</a>	March	Years 7-13
Royal Society of Chemistry Analyst Competition <a href="http://www.rsc.org/events/detail/33659/royal-society-of-chemistry-schools-analyst-competition-regional-heat">www.rsc.org/events/detail/33659/royal-society-of-chemistry-schools-analyst-competition-regional-heat</a>	June	Year 12
The Nancy Rothwell Award (Art & Science) <a href="http://www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award">www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award</a>	July	Years 7-13
C3L6 Competition – Cambridge Chemistry Challenge (Cambridge University) Online challenges: <a href="http://www.c3l6.org/posts">www.c3l6.org/posts</a>	Ongoing	Year 12
<b>SPANISH:</b>		
Spanish Flash Fiction Competition (Oxford University) <a href="http://www.mod-langs.ox.ac.uk/schools/language-competitions">www.mod-langs.ox.ac.uk/schools/language-competitions</a>	December	Years 7-10, 12 & 13
<b>THE QUEEN'S COMMONWEALTH COMETITION – CLIMATE CHANGE:</b>		
The Queens Commonwealth Essay Competition <a href="https://thercs.org/youth-and-education/the-queens-commonwealth-essay-competition/">https://thercs.org/youth-and-education/the-queens-commonwealth-essay-competition/</a>	June	Years 7-13
<b>THEOLOGY AND RELIGION:</b>		
Keble College Essay Competition in Theology & Religion (annually in June) <a href="http://www.oxfordandcambridgeoutreach.co.uk/events/keble-college-theology-and-relig-2">www.oxfordandcambridgeoutreach.co.uk/events/keble-college-theology-and-relig-2</a>	June	Years 12 & 13
<b>VARIOUS SUBJECTS – A NUMBER OF COLLEGES RUN COMPETITIONS COVERING A RANGE OF SUBJECTS SO ALWAYS CHECK THESE OUT</b>		
Newnham College Essay Prizes (Cambridge University) – Biological Sciences, Engineering, History, Modern and Medieval Languages, Music, Philosophy and Physical Sciences <a href="http://www.newn.cam.ac.uk/admissions/undergraduates/newnham-essay-prizes/">www.newn.cam.ac.uk/admissions/undergraduates/newnham-essay-prizes/</a>	March	Year 12
Humanities Writing Competition (Girton College, Cambridge) (this competition can be linked to a wide range of humanities subjects) <a href="http://www.girton.cam.ac.uk/undergraduates/for-schools/humanities-writing-competition?mc_cid=bd7d885777&amp;mc_eid=c47da9739a">www.girton.cam.ac.uk/undergraduates/for-schools/humanities-writing-competition?mc_cid=bd7d885777&amp;mc_eid=c47da9739a</a>	March	Year 12
Annual Essay Competition (Fitzwilliam College, Cambridge) (last year this included Land Economy, Architecture, Ancient World/Classics, Archaeology)	Spring	Year 12

<a href="http://www.fitz.cam.ac.uk/admissions/events-prospective-students/essay-competitions">www.fitz.cam.ac.uk/admissions/events-prospective-students/essay-competitions</a>		
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### USEFUL WEBSITES

- UCAS (university applications) [www.UCAS.com](http://www.UCAS.com)
- Morrisby Careers Guidance [www.morrisby.com](http://www.morrisby.com)
- Prospects (careers guidance) [www.prospects.ac.uk](http://www.prospects.ac.uk)
- The Medic Portal (advice for aspiring medics) [www.themedicportal.com](http://www.themedicportal.com)
- University open day listings <https://Opendays.com>
- Surbiton High School digital learning space <https://learn.surbitonhigh.com/>

### CAREERS TEAM CONTACTS

Just a reminder that the Careers Department are in the Study Area on the 2<sup>nd</sup> floor of the Sixth Form when in School. Come along and have a chat or arrange to speak to us online:

Mr McDermott, Director of Careers and Head of Oxbridge:  
[terry.mcdermott@surbitonhigh.com](mailto:terry.mcdermott@surbitonhigh.com)

Mrs Leckie, Assistant Director of Careers (leads on Work Experience):  
[ziba.leckie@surbitonhigh.com](mailto:ziba.leckie@surbitonhigh.com)

Mrs Parsons, Careers Officer: [paula.parsons@surbitonhigh.com](mailto:paula.parsons@surbitonhigh.com)



Thank you to all students, staff and parents who have contributed to the production of this newsletter.

# Careers and Higher Education Newsletter

## Summer 2020

Welcome to the latest edition of our Careers and Higher Education Newsletter which is full of information to help you find, or get further along, your chosen career pathway. No matter which year group you are in, it's never too early to start! Find out more in the following sections:

**Section 1      Exploring Higher Education & Super-Curricular Activities      Page 2**

Including virtual University Open Days, Oxford University trips, University Scholarships and Degree Apprenticeships

**Section 2      Beyond the Curriculum      Page 9**

Including the SHS Super-Curricular Bible, University Taster Lectures and Summer Schools

**Section 3      Careers Focus      Page 13**

Including Virtual Internships, Work Experience profiles, Lunchtime Career Talk tips, careers in the gaming industry and super-yachting.

**Section 4      Competitions      Page 21**

## Section 1 - EXPLORING HIGHER EDUCATION & SUPER-CURRICULAR ACTIVITIES

### **Year 11 Trips to Oxford University**



Year 11 pupils took part in two trips to Oxford University in the Spring Term, and got to experience what it would be like to be a student at one of the many colleges by attending talks, lunch in hall, a tour of several departments and a visit to their Natural History Museum. We even had our own personal tour guides, former Surbiton High School students Katie and Julia, who gave great tips and a personal insight into life at university.

### **Top Tips for Year 11s Considering Oxbridge as they enter Sixth Form:**

- Ensure the three (or sometimes four) subjects you choose at A-level are academic strengths and interests as Oxbridge will be looking for AAA-A\*A\*A depending on the course (this is good advice for any student, not just those considering Oxbridge. Avoid randomly changing an A-level option on results day without getting advice as the A-level may vary considerably to the GCSE)
- Check specific subject requirements on the [Oxford](#) and [Cambridge](#) course pages, eg. Further Maths can make your application much more competitive in Physics, Computer Science, Economics at Cambridge and Engineering
- If doing an EPQ, try to align your EPQ topic with your degree. If you don't know your degree subject yet, keep your title open. It's odd to an Oxbridge admissions tutor if you're applying for Theology and your EPQ is on Maths!
- Extra-curricular (ie. Sport, music, etc...) are not relevant to an Oxbridge application. Therefore, while it's good to have something to balance your studies, perhaps avoid taking on too much extra-curricular as you will need time to undertake super-curricular studies (ie. Academic studies relevant to your degree beyond A-level) and your A-levels - as well as time to unwind!

If you need advice about choosing your A-levels for Oxbridge (or any other universities for that matter), remember you can email [terry.mcdermott@surbitonhigh.com](mailto:terry.mcdermott@surbitonhigh.com)

## University Virtual Open Days 2020

**2020  
UNI OPEN DAYS**

The majority of universities are providing virtual open days during the Summer Term. Research, forward planning and bookings are usually required even for the online events, so keep an eye on the university websites for confirmed dates as some open days can fill up very quickly. The dates below have already been confirmed. **Year 12 students were emailed this list before this newsletter was published in order to facilitate attendance.**

<u>Aberdeen</u>	Sat 13 June - Medicine & Dentistry virtual open day
<u>Bath</u>	Thurs 11 June, Thurs 16 July – live chats with students and staff; online videos of courses and accommodation available
<u>Birmingham</u>	Mon 22 June – Fri 26 June – virtual open days – check website for specific days per subject
<u>Bournemouth</u>	Wed 17 June – virtual course and subject presentations, live chat rooms, campus tour
<u>Bristol</u>	Fri 26 June
<u>Cambridge</u>	Virtual event 2 July, 3 July – must register in advance
<u>Cardiff</u>	Friday 3 July – virtual subject talks, presentations and live chats, campus tours
<u>Durham</u>	Subject specific virtual events in July and Aug
<u>Edinburgh</u>	Virtual event details TBC
<u>Exeter</u>	Online open days Tues 26 – Fri 29 May – live and pre-recorded presentations, Q&As, virtual tours
<u>Glasgow</u>	Tues 23 June - Virtual event
<u>Imperial</u>	Tues 14 July – Sat 18 July
<u>King's College, London</u>	Mon 20 July – Sat 25 July
<u>Leeds</u>	Mon 29 June – Fri 10 July live subject talks and Q&As
<u>Liverpool</u>	Fri 19 June, Sat 20 June
<u>London School of Economics (LSE)</u>	Virtual pages available from 1 June
<u>Loughborough</u>	Wed 24 June – Sat 27 June – virtual open days – check website for specific days per subject
<u>Manchester</u>	Mon 15 June – Fri 19 June – virtual talks, subject sessions, live chats; check website for specific days per subject
<u>Newcastle</u>	Fri 26 June, Sat 27 June, Sat 19 Sept
<u>Nottingham</u>	Online tours available
<u>Oxford</u>	Wed 1 July, Thurs 2 July

<u>Plymouth</u>	Online videos, talks, tours and presentations available
<u>Portsmouth</u>	Thurs 2 July, Sat 4 July
<u>Queen Mary's (UoL)</u>	Virtual open day in June
<u>Royal Holloway, University of London</u>	Fri 19 June, Sat 20 June
<u>Sheffield</u>	Virtual details for June and July TBC
<u>Southampton</u>	Wed 24 June – virtual subject talks, live chats and tours
<u>St. Andrews</u>	Online talks and tours available
<u>UCL</u>	Mon 29 June – Sat 4 July – check website for specific days per subject
<u>University Arts London (UAL)</u>	Course specific online events throughout June
<u>Warwick</u>	Virtual Open Days in June TBC
<u>York</u>	Fri 26 June, Sun 28 June

### The Times Higher Education Global University Ranking 2020



Rank	Institution		Rank	Institution	Rank	Institution
1	MIT		20	Edinburgh	93	Leeds
2	Stanford		27	Manchester	96	Nottingham
3	Harvard		33	Kings	97	Southampton
4	Oxford		44	LSE	100	St Andrews
5	Caltech		49	Bristol		
6	ETH Zurich		62	Warwick		
7	Cambridge		67	Glasgow		
8	UCL		78=	Durham		
9	Imperial		78=	Sheffield		
10	Chicago		81	Birmingham		

## UCAS 2019 Analysis



UCAS analysis shows that 49% of 18yr olds who sat at least three A-levels, were accepted with lower grades than those advertised. The UCAS report says, "*Findings from the 2019 cycle suggest that applicants should not be deterred from applying to courses with challenging entry requirements. Universities and colleges frequently accept applicants who perform below their entry requirements.*"

Overall, 73.6% of the UK's 18-year-olds who were accepted onto a course got a place at their first-choice university.

### New Degrees available at Durham University



The [BSc Mathematics and Statistics \(G111\)](#) (3 years) and [MMath Mathematics and Statistics \(G114\)](#) (4 years) courses are available for 2020 entry onwards.

Both courses combine a strong foundation in core mathematics and statistics with exciting recent developments in statistics and machine learning, providing a unique preparation for our data-driven future.

### [BA Education Studies](#)

Education Studies is a broad multi-disciplinary degree, designed for the intellectually and practically curious. This degree programme goes far beyond the classroom and considers education, people and their relationship to the ever-changing world.

### Department for Education Essential Guide for Student Finance



This [guide](#) will help you to understand the financial support available to help you to pursue higher education. As well as details on tuition fees, loan amounts and repayment thresholds, there is information about extra financial support that may be available for those who need it.

## Undergraduate Academic Scholarships



### **Scholarship**

There are a variety of scholarships available for university courses offered by universities, companies and private individuals. The selection below shows that a little research can reap valuable rewards!

The Scholarship Hub – Start your research with [this website](#) which is full of information on UK scholarships, grants or bursaries for university.

Cambridge University – [Khattar-Harrison Scholarship](#) – This was awarded to a former student, Megan, in 2019 - £5,000 p.a.

[Manchester, Leeds and Birmingham Universities](#) – These universities offer various scholarships for a range of subjects

Durham University - [Various scholarships](#) are available across different subjects, including the BP Scholarship for students identified by STEM and Management/Economics departments providing £3,000 p.a.

Newcastle University– [Various scholarships available for most subjects.](#)

Birmingham University [Physics Academic Scholarship](#) - £1000

[Army Medical Services Bursary](#) – Doctor, Dentist, Nurse or Veterinary scholarships up to £75,000 for the duration of the course

[Army Officer Scholarships](#) – apply from Year 12 for sixth form and university financial support, £9000 over 4 years

[Business Scholarship](#) – 1<sup>st</sup> Formations are offering £600 to 10 successful Business applicants

York University [English](#) or [European Languages](#) Scholarships - £1000 for academic achievement

Southampton University [Electronics and Computer Science Scholarship](#) – female applicants only, up to £3000.

Bristol University [Biology and Physics scholarships](#) - £2000 p.a. for female students

Bath University [Arts Scholarship](#) – up to £1500 for students in the performing arts, backstage skills or visual arts

Royal Holloway, University of London [English Scholarship](#) – £5000 over 3 years

Bath University [Sports Scholarships for students of Management, Engineering or Economics](#) - £5000 p.a.

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## Degree Apprenticeships



If you'd like to pursue further study whilst gaining a head-start in your career then a Degree Apprenticeship could be an option for you. You can study for your degree while working and your employer will pay you a salary as well as pay your study fees. As a Degree Level Apprentice, you will be earning money while you learn and have no student debt hanging over you when you graduate.

**DEGREE APPRENTICESHIPS**  
A SIMPLE GUIDE

**WHAT ARE THEY?**  
Degree Apprenticeships are a way of getting your degree whilst working and your employer pays for your tuition fees.

**WHAT CAN I LEARN?**  
There are lots of different types of degree apprenticeships available and more being added all the time.

**WHO OFFERS THEM?**  
Companies work in partnership with universities

**WHAT QUALIFICATIONS WILL I NEED?**  
You will need 3 A'levels or equivalent and you need to be eligible to work in the UK

Find out more at  
[WWW.THESCHOLARSHIPHUB.ORG.UK](http://WWW.THESCHOLARSHIPHUB.ORG.UK)

**WHICH UNIVERSITY WILL I GO TO?**  
You will be enrolled by your employer at the university they have partnered with to study for your degree, while you work

**WHAT ARE THE BENEFITS OVER UNIVERSITY?**  
You will graduate debt free, have 3 - 5 years work experience and most likely be offered a job by your employer on graduation

**HOW DO I APPLY?**  
Employers advertise vacancies just like any job. If you haven't made up your mind yet, you can apply for degree apprenticeships at the same time as applying to university

<https://www.thescholarshiphub.org.uk/degree-apprenticeships-vacancies/>

**DEGREE APPRENTICESHIP STATS**

- 13,587 starters in 2018/9
- 20% of time spent studying
- 80% stay on with employer

Find out more at  
[WWW.THESCHOLARSHIPHUB.ORG.UK](http://WWW.THESCHOLARSHIPHUB.ORG.UK)

Explore further with the following links:

The Scholarship Hub [Degree Apprenticeship Guide](#)

Prospects [Degree Apprenticeship Guide](#)

## [Amazing Apprenticeships](#)

Explore some of the websites and vacancies that are available:

[The Degree Apprenticeship Hub](#) – degree apprenticeship guide and vacancies

[GOV.UK Find an Apprenticeship](#) – database of apprenticeship for all levels of qualification

[RateMyApprenticeship](#) – website focusing on degree apprenticeship information and vacancies

[Police Force Apprenticeship Programme](#) – earn from £18,000 p.a whilst you learn

[Virgin Media Digital User Experience Degree Apprenticeship](#) – 3 A-levels required (BCC); salary £24-26k, 48 months.

[Virgin Media Apprenticeships](#) – various roles including Civil Engineer and Solutions Design Engineer

Clarion House [Chartered Surveyor Degree Apprenticeship](#) – earn from £20,000 to £30,000 for this 5 year programme

Aston University [CapGemini IT Degree Apprenticeship](#) – The company will pay your full tuition fees

[Unilever Degree Apprenticeships](#) – 36 months, A-level entry roles available including Data Scientist, Data Analyst, Packaging, Food and Business Administration

[Skansa Trainee Environmental Practitioner Degree Apprentice](#) – min 2 A-level requirement for a role in one of the top construction and development companies. On the job training and day release to Kingston University.

Stateside Foods [Packaging Technologist Degree Apprenticeship](#) – on the job training and studying for students interested in food, business and management.

[RAF Advanced Apprenticeship Scheme - Defence Photographer](#) - 18 month programme available from age 16+. Salary range from £15,600 – £20,000.

[BBC Apprenticeships](#) – explore roles within Production, Design and Engineering, Journalism and Business

[Amazon Degree Apprenticeships](#) – including IT Support and Automation Engineering degree apprenticeships. Min 2 A-levels, 48 months.

[EY Business and Consulting Apprenticeships](#) – various roles including Digital and Technology, Business Consulting and Tax Business. A-level entry.

[KPMG Apprenticeships](#) – including Digital Software Engineering and Auditing.

[JP Morgan Apprenticeships](#) – various Financial Services roles available

[Tech Partnership](#) - Tech Industry backed degree apprenticeships

## Section 2 - BEYOND THE CURRICULUM

There are a range of enrichment activities available for all year groups aimed at helping students choose a subject, to develop their skills or knowledge in a particular area, or to experience life at a particular institution. Take a look at what's available:

### [SHS Super-Curricular Bible](#)



This booklet is a bible of all things super-curricular (those academic activities that go beyond your curriculum studies) and as well as encouraging students to explore their subjects in more depth and breadth than they might have done otherwise, it also enables them to explore subjects that are not offered in School. In so doing, it will help students to make more informed choices about their university subject and develop the independent study skills so valued by universities. In due course, it will help students to find the content that will help them write their UCAS personal statements.

Please follow the [Career Department's new YouTube Channel](#) for tips on exploring and using super-curricular resources.

### UNIVERSITY LECTURE TASTER COURSES

#### Cambridge University Subject Masterclasses



Subject Masterclasses are subject-specific events that offer academically able students in Year 12 the chance to experience typical undergraduate teaching at the University of Cambridge, and to get a flavour of what it's like to be a student there.

Each [Masterclass](#) includes:

- two taster lectures delivered by leading academic staff from the university
- the opportunity to discuss and ask questions
- an introduction to the Cambridge admissions process
- the opportunity to hear about life as a Cambridge student from current undergraduates.

Subject Masterclasses take place throughout the year. New subjects and dates are added regularly, so refer to the website for the latest classes. Early booking is essential and there is a **cost of £20 per person**. Classes are often on Saturdays or in the holidays, so you should

sign up for these if interested. If a class falls on a school day, permission must be sought and will only be granted in limited circumstances.

Note that although many masterclasses are in the Spring or Summer Term of Year 12, some do take place in Autumn Term, so please do keep an eye out over the autumn therefore.

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### **University of London Free Taster Courses**



[The Taster Course Programme](#) provides students with a taste of what life at a London university is like. All the taster courses are free to attend, and you can choose a course from a variety of subjects ranging from voice and drama, to medicine and nursing, to computing and business. Most courses are being made available to access online at this time.

### **Engineering & Design Online Taster Talks**



Delivered by University of Bath academics, these [5-minute taster talks](#) are designed to introduce students to new concepts and include downloadable classroom activities:

- Building frequencies - why structures move and shake, and how structural engineers can tune buildings to make them safe
- Dealing with waste water - what happens once our used water goes down the drain and how engineers are changing the way we manage this important resource
- Great architecture - using an ancient formula to assess how we can define great design and build sustainably for our future
- Energy harvesting - creating small amounts of power from the world around us
- Tomorrow's electronics - the new materials that will power the electronics of the future.

### **REMINDER! – Free Online University Courses**

There are many free online courses (sometimes known as MOOC's – Massive Open Online Courses), lectures, podcasts and much more, offered by the best universities worldwide. They are not only interesting but can also help you to explore your potential university subject(s) and evidence your interest in your chosen degree in your UCAS personal statement. Portals for exploring what's available include:

[MOOC](#)

[Futurelearn](#)

[Coursera](#)

[Open Culture](#)

[Oxford University Podcasts](#)

Thinking about a degree in a subject you haven't studied before? Moocs are not just a great way to display supra-curricular engagement to impress universities for any subject, they are particularly useful to test whether you find a new subject that you haven't studied at School interesting.

For example, thinking about a law degree? [Consider this Introduction to Common Law MOOC](#)

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## **Explore**

**YEARS 7 - 13**



*Could we live on another planet? Could we end poverty? Could we live without laws?*

Explore is an innovative digital outreach portal from the University of Oxford. The 'Home of Big Questions' aims to engage those from 11 to 18 years with debates and ideas that go beyond what is covered in the classroom. Big questions tackle complex ideas across a wide range of subjects and draw on the latest research undertaken at Oxford. Explore aims to realise aspirations, promote broader thinking and stimulate intellectual curiosity: [www.explore.org/about](http://www.explore.org/about).

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## **SUMMER SCHOOLS**

**YEARS 10 - 13**

This year there are some great summer courses available that are being made available online (fees apply). These are a great way to explore areas of interest, to help with university applications or to find out more about a career you hadn't maybe considered before.

## **InvestIN Programmes**



The [InvestIN programmes](#) prepare students for the world's most competitive and prestigious careers through these immersive career experience programmes (**fees apply**). They are currently advertising the following events based in London locations; however, courses may

also be provided online at this time. Please note that the educational establishments used for the locations are not providing any of the course content:

24 July – 2 Aug, or 21 Aug – 30 Aug	The Young Engineer Summer Internship
1 - 4 Aug or 29 Aug – 1 Sep	The Young Doctor Summer Internship
1 - 4 Aug or 29 Aug – 1 Sep	The Young Lawyer Summer Internship
8 – 11 Aug	The Young Architect Summer Internship
8 – 11 Aug	The Young Computer Scientist
8 – 11 Aug	The Young Entrepreneur Summer Internship
15 – 18 Aug	The Young Filmmaker Summer Internship
15 – 18 Aug	The Young Political Leader Summer Internship
15 – 18 Aug	The Young Psychologist Summer Internship

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### **The Debate Chamber Summer Schools**



[Courses are available](#) (fees apply) for students aged 15-18 in classical civilisation, computer science, dentistry, economics, English Literature, History, International Relations, Law, Maths, Medicine, Philosophy, Physics and Politics.

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## Section 3 – CAREERS FOCUS

### Internships

#### INTERNSHIPS

#### **Virtual Internships on offer – Google, PwC, M&S and Vodafone**

Three day virtual internship experiences in areas such as technology, commercial law and investment banking, Business Operations and Marketing, Finance & Professional Services are available with Google, Marks & Spencer, PwC and Vodafone are amongst those taking part in what is being described as the UK's largest virtual careers experience. Only available to students aged 18+ from the end of June. Free access with unlimited spaces.

#### [Internship Experience UK](#)

### Work Experience Profiles

#### Jess, Year 12 Work Experience Advice – Veterinary Medicine



All VetMed courses require some level of work experience to apply, ranging from as little as two weeks to about eight plus. However, the most important thing is **what** you get from placements and the **range of experiences** you get far more than the hours you spend. I'd keep this list of types of experience in mind as you start looking for placements, it's where I started! Not limited to this though, as any hands on or observational experience is useful.

- Small animal practice (in clinic)
- Large animal practice (e.g. equine or farm clinics)
- Stables
- Kennels/Cattery/RSPCA etc.
- Lambing
- Farm animal work (pigs, cows etc.)

The main reason you need large animal experience is to get comfortable working with them, as coming from a London/Surbiton background you need to prove that you've had enough exposure to keep up with people who've grown up on farms or in the countryside. I mentioned getting some exposure to horses may be helpful before applying to any equine

placements, so maybe ring up or visit local stables and get a lesson or two if you can, to try and get used to being around such big animals.

To get small animal experience I'd recommend emailing any local clinics you can – Vet4Life have a great work experience programme and you can just apply online. Also don't underestimate the power of asking around; most of my placements came from friends of friends of friends.

### Applying to Uni

When picking where to apply, I took into account mainly where I would be spending those 5 years, and whether it suited me there. For VetMed the course is the same at every university, so wherever you go you'll learn the same thing – consider grade and work experience requirements when picking where to apply, as well as whether they interview. Also check whether AS Maths is sufficient as a third science for all the universities as this may narrow down your options, and if you run into a problem with your choices go and see someone on the Sixth Form team - they'll help you out!

I would also very much recommend open days as they really give you a feel for the place, and as most of my decisions were based off whether I wanted to live there, these were very helpful. The Oxbridge Programme (you're welcome Mr McDermott) was also super helpful in interview prep, so when the time comes to consider joining it, I would definitely think about it!

The Careers team have also produced this summary of [Veterinary course entry requirements](#) to help with your research.

### Naomi, Year 12 – Engineering Work Experience



Just a bit about my work experience: I had an absolutely amazing time and loved how friendly everyone was. They really made the effort when I went round to each of the different labs. In the materials lab I learnt all about the different measuring tests and got to pull apart a piece of aluminium. In the mechanics workshop, they let me do a first year course that involved making a metal box. One guy taught me for an afternoon and morning all the different skills (where I found out how much I like doing practical work). In the aeronautics side, I got to go on the flight simulator, toured around the Learjet they have inside the uni and use the wind tunnel to test a wing model. I also went into the electrics lab which I thought I'd hate because electricity is not my strong point. But actually I got to take

apart DVD players and computers followed by solving a second year programming issue using just GCSE maths.

I would say that the technicians emphasised common sense and often commented that many students lack this. They really wanted to get the people thinking for themselves and not always needing the answers straight away - like how secondary school is.

Once again thank you for organising the opportunity and please be sure to pass my name on to anyone that might do it in the future if they want some advice.

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## CAREERS TALKS

We have been fortunate to have some truly inspiring lunchtime careers talks this year from lots of different professions and industries. Here is a selection of tips from the talks.

### Quotes from Previous Visiting Speakers

**Emerging STEM Careers in Investment Banking & The City**  
**Former Student Deniz Mace-Jones, Executive Director, EMEA Fixed Income Sales, UBS Investment Bank**



*“Don’t hold yourself back, anything is possible, never think you can’t do anything as there is lots of support available internally”*

*“Fewer than 1 in 7 in hedge funds are women but this is changing as women do less trades, pay less fees and make better risk assessments”*

*“Top tip - learn Python programming, it will be SO valuable”*

*“Don’t be put off banking if you are not good at maths, as the banks actively encourage diverse backgrounds”*

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## Essential Skills for Thriving in the 21<sup>st</sup> Century Workplace

Annette Eglen, Employability and Personal Coach



*“Recognise that you are unique. In a global population of 7.7 billion people there is no-one else like you. Be proud and confident!”*

*“School is the start of the journey. Begin to understand your strengths and develop key business skills now. Use your time at Surbiton wisely.”*

*“Start to build a network in school. In the subjects you love and also those you consider a weakness. Ask for feedback.”*

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### Interview Success

Yana Ing, VP Barclays Life Skills



*“For all interviews make sure that you will be your most well-prepared, best and confident self. Practice your standard responses 6, 7 or 8 times so that it sounds smooth and confident”*

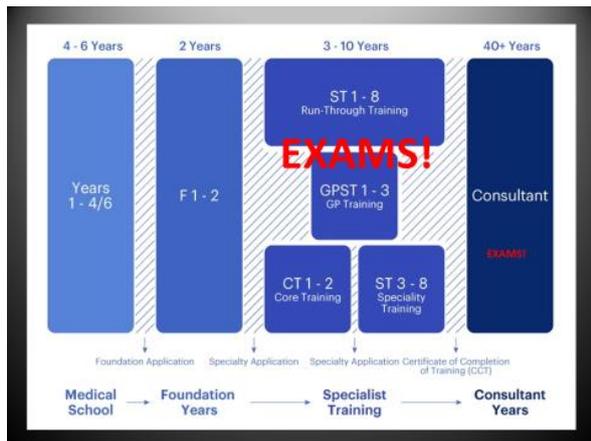
*“Prepare just as much for a Skype interview, think about what you are wearing, which room to use, tie your hair back and try out the technology in advance. Have a back-up option ready”*

*“Prepare competencies and examples in advance, using the STAR model. Research the company and their values and behaviours and then align your answers”*

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## Careers in Emergency Medicine

Mr Glyn Barnett, Emergency Medicine Consultant, Frimley Park Hospital, NHS



*“Medicine has to be your vocation and not a give-it-go career. Consider the 100s of other medical careers too, not just being a Doctor”*

*“Don’t be in a hurry, it’s a long career. The more time you take the better. Life experience is very useful - Gap years add something to you as an individual. Do something useful. Consider post-graduate entry too as being older and wiser definitely has its advantages”*

*“British medical careers will take you all over the world (except the US) as it is very highly respected and there are so many opportunities”*

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## Studying Languages at University

Former SHS student, Charlotte Riley, Manchester University.



*“All language courses have the same structure; it is just the language that differs. The duration of the lessons is the same whether it is a major or minor choice”*

*“The study abroad option is so well organised. There are lots of options and so many universities to choose from. You are prepped really well and instructed by experts”*

*“If you are starting a language from scratch, keep the workflow going to make sure you keep on top of it”*

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## What is Marketing? Kate Quinton, Marketing Consultant



*"Marketing is about influencing people to make decisions, to choose to buy your product or brand over another"*

*"Graduate schemes are the perfect introduction to corporate marketing as you get to do placements around the business and you learn so much"*

*"it's not about creating adverts, it's your job to write the strategic brief for the ad agency and to judge their ideas"*

*"Marketers are 'jack-of-all-trades', you need to be good at lots of skills not just one. It's challenging, varied and it's about people"*

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## Kanako Hara

**Former SHS student; current Land Economy student, Cambridge University**



*"My course is a combination of economics, real estate, finance, law and the environment. It involves lots of reading, writing and analysis"*

*"You need good analytical skills and a willingness to learn"*

*"Land economy graduates often go on to careers in consulting, banking, finance and the public sector"*

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## Dr Ruth Diaz, Medicine

**VP Medical Affairs, EUMEA at BioMarin Pharmaceutical Inc.; Honorary Doctor Chelsea and Westminster Hospital**



*“Medicine is not just about being a doctor, there are lots of opportunities in academia and research and development roles within the BioTech industry. Doctors are in very, very high demand and are very well paid”*

*“Artificial Intelligence (AI) is going to change the world of medicine immensely. Radiology is already ahead of the curve with A.I”*

*“You need a good memory but more importantly you need to be very good at remembering patterns”*

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## Career Insights

### We need to do more to get females into the Gaming Industry



Higher Education Statistics Agency figures show that 88% of students on video games courses were male in 2017. The percentage of women studying video games design has grown, from 7% in 2014-15 to 11.5% in 2017-18, and it seems that courses that stress creativity, rather than technology are better at attracting women. At the London College of Communication the moving image and digital arts programme, which includes games design, virtual reality and animation, has over 50% women. The University for the Creative Arts say that their institution’s games degrees have sustained a 60/40 male/female split for several years. Brunel University, say their department focuses on games design “as a

creative discipline, not just a technical one”, and has much more even gender split than most other gaming courses. The games design courses at Brunel University, Southampton University LCC and UCA all invite female guest lecturers working in games. They also add games from a diverse range of creators to the course and hold events with industry experts who can share their own experiences and help students understand how they can fit into the industry.

Students need to be made aware of all the career opportunities in games, and tech in general. There’s such a range of job roles, different types of companies, different genres and platforms you can work on – most parents don’t realise game development could be a serious career.

### **Girls should consider a career in SuperYachting**



Jenny Matthews is a first officer on superyachts, a role that includes helming the vessels. Overall, 95% of yacht captains and first officers are men. This has prompted her to start the [‘She of the Sea’ campaign](#) because “after securing my officer of the watch ticket in 2018, I realised that in the eight years working on deck, I’d never worked with another woman in the deck department [the senior staff who navigate the ship alongside the captain]. I wanted to know if there were any other women officers out there.”

The campaign was inspired by Kate McCue, the first woman to captain a ‘mega’ cruise ship, and similar efforts to raise the visibility of female commercial airline pilots. Ms McCue has built up a following of more than 100,000 people on Instagram detailing her life as captain of Celebrity Edge, a \$1bn 130,000-tonne cruise ship with capacity for 2,900 passengers. The International Society of Women Airline Pilots said that there are just 9,746 female airline pilots out of a global total of 185,143. Women make up just 1.42% of air captains, the highest rank.

One aim is to let schoolchildren know that working as an officer or engineer on a superyacht sailing the world is a viable career no matter their gender, if they work hard at maths and science. Ms Matthews said, “The only way to really change things is to get people enthused when they are young, ‘If she can see it, she can be it,’ and we’re planning our own roadshow to schools in the UK and across the world to encourage girls to study Science, Maths and Engineering so that they can take career paths like this.” She said **superyachts are all about maths, “from designing them to building them, to working out where they can go and driving them. I never thought that I would be using Pythagoras, I really, really glazed over**

it in high school, but that's pretty much navigation. Superyachting is literally all Stem, from designing them to building them to working out where they can go and driving them."

## Section 4 – COMPETITIONS

There are a range of competitions available to students throughout the year which, apart from being fun and interesting and lots offering cash prizes, they also look great on a UCAS application form and are particularly helpful in helping you to stand out if you are applying for highly competitive courses.

If any competition has a limit on the number of applications per school, please let us know your plan to enter before entering. Carefully note any age restrictions.

**If you are in Year 7 to 11 - contact Mr Reeves and Ms Gore: [paul.reeves@surbitonhigh.com](mailto:paul.reeves@surbitonhigh.com) and [Rachel.gore@surbitonhigh.com](mailto:Rachel.gore@surbitonhigh.com)**

**If you are in Year 12 to 13 - contact Mr McDermott: [terry.mcdermott@surbitonhigh.com](mailto:terry.mcdermott@surbitonhigh.com)**

The competitions are updated annually, so keep an eye on the websites for the latest competitions. This updated list is included in each newsletter as it includes competitions that run throughout the year and is aimed at all year groups.

<b>ART:</b>	<b>Closing Date</b>	<b>Year Group</b>
<b>The Nancy Rothwell Award (Art &amp; Science) – The Royal Society of Biology</b> <a href="http://www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award">www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award</a>	July	Years 7-13
<b>CLASSICS:</b>		
<b>Classics Essay Competitions (Cambridge University)</b> <a href="http://www.classics.cam.ac.uk/prospective/undergraduate/essay-competitions">www.classics.cam.ac.uk/prospective/undergraduate/essay-competitions</a>	Various	Year 12
<b>ECONOMICS:</b>		
<b>Bank of England and Financial Times School Blog Competition</b> <a href="http://www.bankofengland.co.uk/education/competitions/ftblog/school-blog-2019-2020">www.bankofengland.co.uk/education/competitions/ftblog/school-blog-2019-2020</a>	January	Years 12 & 13
<b>Young Economist of the Year (Royal Economic Society and The Financial Times)</b> <a href="http://www.res.org.uk/education/young-economist-of-the-year.html">www.res.org.uk/education/young-economist-of-the-year.html</a>	June	Years 11-13

<b>The Marshall Society Essay/Article Competition (Cambridge University)</b> <a href="http://marshallociety.com/essay-competition/">http://marshallociety.com/essay-competition/</a>	August	Years 11-13
<b>ENGINEERING:</b>		
<b>The Big Bang UK Young Scientist and Engineers Competition</b> <a href="https://competition.thebigbangfair.co.uk/">https://competition.thebigbangfair.co.uk/</a>	April	Years 7-13
<b>ENGLISH:</b>		
<b>Peterhouse Thomas Campion English Prize (Peterhouse, Cambridge)</b> <a href="http://www.pet.cam.ac.uk/essay-prizes">www.pet.cam.ac.uk/essay-prizes</a>	Dec-March	Year 12
<b>Christopher Tower Poetry Competition (Christ Church College, Oxford)</b> <a href="http://www.chch.ox.ac.uk/research-and-academia/enter-tower-poetry-competition">www.chch.ox.ac.uk/research-and-academia/enter-tower-poetry-competition</a>	March	Years 11-13
<b>Royal Commonwealth Essay Competition</b> <a href="https://thercs.org/assets/Essay-Competition/2020/FINAL-Essay-Competition-flyer-2020-TP.pdf">https://thercs.org/assets/Essay-Competition/2020/FINAL-Essay-Competition-flyer-2020-TP.pdf</a>	June	Years 7-13
<b>Connell Guides Essay Prize</b> <a href="https://connellguides.wordpress.com/essay-prize/">https://connellguides.wordpress.com/essay-prize/</a>	September	Years 10-13
<b>BBC Young Reporter Competition</b> <a href="http://www.bbc.co.uk/news/49509131">www.bbc.co.uk/news/49509131</a>	October	Years 7-13
<b>FRENCH:</b>		
<b>French Film Competition (Oxford University)</b> <a href="http://www.mod-langs.ox.ac.uk/schools/language-competitions#french">www.mod-langs.ox.ac.uk/schools/language-competitions#french</a>	December	Years 7-13
<b>GEOGRAPHY:</b>		
<b>Royal Geographical Society – David W. Smith Memorial Prize</b> <a href="http://www.rgs.org/schools/competitions/david-w-smith-memorial-prize/">www.rgs.org/schools/competitions/david-w-smith-memorial-prize/</a>	March	Year 12
<b>Young Geographer of the Year</b> <a href="http://www.rgs.org/schools/competitions/young-geographer-of-the-year/">www.rgs.org/schools/competitions/young-geographer-of-the-year/</a>	October	Years 5-13
<b>GERMAN:</b>		
<b>German Olympiad Competitions (Oxford University)</b> <a href="http://www.ogn.ox.ac.uk/competitions">www.ogn.ox.ac.uk/competitions</a>	Various	Years 7-13

<b>HISTORY:</b>		
<b>Julia Wood History Essay Prize (St Hugh's College, Oxford)</b> <a href="http://www.st-hughs.ox.ac.uk/prospectivestudents/outreach/julia-wood-site/">www.st-hughs.ox.ac.uk/prospectivestudents/outreach/julia-wood-site/</a>	<b>February</b>	<b>Years 12 &amp; 13</b>
<b>The Historical Association Historical Fiction Prize and the Joan Blyth Memorial Prize</b> <a href="http://www.history.org.uk/primary/categories/530/news/3451/write-your-own-historical-fiction-competition-2019">www.history.org.uk/primary/categories/530/news/3451/write-your-own-historical-fiction-competition-2019</a>	<b>May</b>	<b>Years 5-9</b>
<b>The Young Walter Scott Prize (History)</b> <a href="http://www.walterscottprize.co.uk/young-walter-scott-prize/">www.walterscottprize.co.uk/young-walter-scott-prize/</a>	<b>October</b>	<b>Years 11-13</b>
<b>Peterhouse Vellacott History prize (Peterhouse College, Cambridge)</b> <a href="http://www.pet.cam.ac.uk/essay-prizes">www.pet.cam.ac.uk/essay-prizes</a>	<b>December</b>	<b>Year 12</b>
<b>LAW:</b>		
<b>Lord Toulson Essay Prize in Law (Jesus College, Cambridge)</b> <a href="http://www.jesus.cam.ac.uk/college/undergraduate/lord-toulson-essay-prize-law">www.jesus.cam.ac.uk/college/undergraduate/lord-toulson-essay-prize-law</a>	<b>April</b>	<b>Years 12 &amp; 13</b>
<b>LINGUISTICS:</b>		
<b>The Nancy Rothwell Award (Art &amp; Science) – The Royal Society of Biology</b> <a href="http://www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award">www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award</a>	<b>July</b>	<b>Years 7-13</b>
<b>Linguistics Essay Prize (Trinity College, Cambridge)</b> <a href="http://www.trin.cam.ac.uk/undergraduate/essay-prizes/linguistics/">www.trin.cam.ac.uk/undergraduate/essay-prizes/linguistics/</a>	<b>August</b>	<b>Year 12</b>
<b>MATHEMATICS:</b>		
<b>National Young Mathematicians Awards</b> <a href="http://www.explorellearning.co.uk/schools-and-community/national-young-mathematicians-awards/">www.explorellearning.co.uk/schools-and-community/national-young-mathematicians-awards/</a>	<b>Oct - Nov</b>	<b>Years 7 &amp; 8</b>
<b>National Cypher Challenge</b> (A nationwide, online code-breaking competition) <a href="http://www.cipherchallenge.org">www.cipherchallenge.org</a>	<b>Monthly</b>	<b>Years 7-13</b>
<b>UK Mathematics Trust (UKMT) Challenges - Junior, Intermediate and Senior</b>	<b>Various</b>	<b>Years 7-13</b>

<a href="http://www.ukmt.org.uk">www.ukmt.org.uk</a>		
<b>MEDIA:</b>		
<b>Journo Resources – list of student journalism competitions</b> <a href="http://www.journoresources.org.uk/young-student-journalism-awards-complete-list">www.journoresources.org.uk/young-student-journalism-awards-complete-list</a>	Various	Years 7-13
<b>Young Financial Journalist Competition</b> <a href="http://www.libf.ac.uk/study/financial-capability/student-zone/young-financial-journalist">www.libf.ac.uk/study/financial-capability/student-zone/young-financial-journalist</a>	Nov - Jan	Years 10-13
<b>PHILOSOPHY:</b>		
<b>University of Sheffield Philosophy Essay prize</b> <a href="http://www.sheffield.ac.uk/philosophy/essay-competition">www.sheffield.ac.uk/philosophy/essay-competition</a>	March	Years 10-12
<b>Lloyd Davis Philosophy Prize (Oriel College, Oxford)</b> <a href="http://www.oriel.ox.ac.uk/study-us/schools-liaison/lloyd-davies-philosophy-prize">www.oriel.ox.ac.uk/study-us/schools-liaison/lloyd-davies-philosophy-prize</a>	April	Year 12
<b>Trinity College Cambridge Philosophy Essay Prize</b> <a href="http://www.trin.cam.ac.uk/undergraduate/essay-prizes/philosophy/">www.trin.cam.ac.uk/undergraduate/essay-prizes/philosophy/</a>	May	Year 12
<b>Edgar Jones Philosophy Essay Competition (St Peter's College, Oxford)</b> <a href="http://www.spc.ox.ac.uk/edgar-jones-philosophy-essay-competition">www.spc.ox.ac.uk/edgar-jones-philosophy-essay-competition</a>	September	Year 12
<b>SCIENCE:</b>		
<b>Imperial Faculty of Natural Sciences - Schools Science &amp; Innovation Competition</b> <a href="http://www.imperial.ac.uk/natural-sciences/about-us/outreach/schools-science-competition/schools-competition-2020/">www.imperial.ac.uk/natural-sciences/about-us/outreach/schools-science-competition/schools-competition-2020/</a>	Sept - Dec	Years 7-13
<b>Chemistry Olympiad (Royal Society Chemistry (RSC))</b> <a href="https://edu.rsc.org/enrichment/uk-chemistry-olympiad#how-does-competition-work">https://edu.rsc.org/enrichment/uk-chemistry-olympiad#how-does-competition-work</a>	Sept - Jan	Years 12 & 13
<b>Kelvin Science Prize (Peterhouse College, Cambridge)</b> <a href="http://www.pet.cam.ac.uk/essay-prizes">www.pet.cam.ac.uk/essay-prizes</a>	December	Year 12
<b>British Biology Olympiad (The Society of Biology)</b> <a href="http://www.rsb.org.uk/get-involved/rsb-competitions/british-biology-olympiad">www.rsb.org.uk/get-involved/rsb-competitions/british-biology-olympiad</a>	Jan - Feb	Years 12 & 13

<b>Beamline for schools (in association with CERN) – Physics</b> <a href="https://beamlineforschools.cern/">https://beamlineforschools.cern/</a>	March	Years 7-13
<b>Royal Society of Chemistry Analyst Competition</b> <a href="http://www.rsc.org/events/detail/33659/royal-society-of-chemistry-schools-analyst-competition-regional-heat">www.rsc.org/events/detail/33659/royal-society-of-chemistry-schools-analyst-competition-regional-heat</a>	June	Year 12
<b>The Nancy Rothwell Award (Art &amp; Science)</b> <a href="http://www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award">www.rsb.org.uk/get-involved/rsb-awards/nancy-rothwell-award</a>	July	Years 7-13
<b>C3L6 Competition – Cambridge Chemistry Challenge (Cambridge University)</b> Online challenges: <a href="http://www.c3l6.org/posts">www.c3l6.org/posts</a>	Ongoing	Year 12
<b>SPANISH:</b>		
<b>Spanish Flash Fiction Competition (Oxford University)</b> <a href="http://www.mod-langs.ox.ac.uk/schools/language-competitions">www.mod-langs.ox.ac.uk/schools/language-competitions</a>	December	Years 7-10, 12 & 13
<b>THE QUEEN'S COMMONWEALTH COMETITION – CLIMATE CHANGE:</b>		
<b>The Queens Commonwealth Essay Competition</b> <a href="https://thercs.org/youth-and-education/the-queens-commonwealth-essay-competition/">https://thercs.org/youth-and-education/the-queens-commonwealth-essay-competition/</a>	June	Years 7-13
<b>THEOLOGY AND RELIGION:</b>		
<b>Keble College Essay Competition in Theology &amp; Religion (annually in June)</b> <a href="http://www.oxfordandcambridgeoutreach.co.uk/events/keble-college-theology-and-relig-2">www.oxfordandcambridgeoutreach.co.uk/events/keble-college-theology-and-relig-2</a>	June	Years 12 & 13
<b>VARIOUS SUBJECTS – A NUMBER OF COLLEGES RUN COMPETITIONS COVERING A RANGE OF SUBJECTS SO ALWAYS CHECK THESE OUT</b>		
<b>Newnham College Essay Prizes (Cambridge University) – Biological Sciences, Engineering, History, Modern and Medieval Languages, Music, Philosophy and Physical Sciences</b> <a href="http://www.newn.cam.ac.uk/admissions/undergraduates/newnham-essay-prizes/">www.newn.cam.ac.uk/admissions/undergraduates/newnham-essay-prizes/</a>	March	Year 12
<b>Humanities Writing Competition (Girton College, Cambridge) (this competition can be linked to a wide range of humanities subjects)</b> <a href="http://www.girton.cam.ac.uk/undergraduates/for-schools/humanities-writing-competition?mc_cid=bd7d885777&amp;mc_eid=c47da9739a">www.girton.cam.ac.uk/undergraduates/for-schools/humanities-writing-competition?mc_cid=bd7d885777&amp;mc_eid=c47da9739a</a>	March	Year 12
<b>Annual Essay Competition (Fitzwilliam College, Cambridge) (last year this included Land Economy, Architecture, Ancient World/Classics, Archaeology)</b>	Spring	Year 12

<a href="http://www.fitz.cam.ac.uk/admissions/events-prospective-students/essay-competitions">www.fitz.cam.ac.uk/admissions/events-prospective-students/essay-competitions</a>		
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### USEFUL WEBSITES

- UCAS (university applications) [www.UCAS.com](http://www.UCAS.com)
- Morrisby Careers Guidance [www.morrisby.com](http://www.morrisby.com)
- Prospects (careers guidance) [www.prospects.ac.uk](http://www.prospects.ac.uk)
- The Medic Portal (advice for aspiring medics) [www.themedicportal.com](http://www.themedicportal.com)
- University open day listings <https://Opendays.com>
- Surbiton High School digital learning space <https://learn.surbitonhigh.com/>

### CAREERS TEAM CONTACTS

Just a reminder that the Careers Department are in the Study Area on the 2<sup>nd</sup> floor of the Sixth Form when in School. Come along and have a chat or arrange to speak to us online:

Mr McDermott, Director of Careers and Head of Oxbridge:  
[terry.mcdermott@surbitonhigh.com](mailto:terry.mcdermott@surbitonhigh.com)

Mrs Leckie, Assistant Director of Careers (leads on Work Experience):  
[ziba.leckie@surbitonhigh.com](mailto:ziba.leckie@surbitonhigh.com)

Mrs Parsons, Careers Officer: [paula.parsons@surbitonhigh.com](mailto:paula.parsons@surbitonhigh.com)



Thank you to all students, staff and parents who have contributed to the production of this newsletter.