

# QUEENS' STUDENT NEWSLETTER 5

## Subjects Fair for 2nd Year Medics and Natural Scientists

Every year the Faculty Board of Biology organises a Fair to inform second-year students of the options open to them in their third year. This year it will be held on:

Friday, 13 March 2020  
From 12.00pm to 4.00pm  
Hicks Room  
University Centre  
Granta Place

Subject representatives will be available to answer your questions.

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## Munro Studentships 2020—2nd and 3rd Year Research (CPGS, NOTAF, PhD) Students

Munro studentships are available to second and third year research students. If you would like to be considered for a Munro Studentship for 2020/21 please let the DoS for whom you supervise know that you are interested in applying as soon as possible.

The aim of the Munro Studentships is to support teaching needs in various subjects. Usually our Munro Students do three or four hours teaching per week for the College. Remuneration is in kind: you will be provided with College accommodation at a subsidised rent and some commons free of charge. There is no stipend attached. In the past, Munro Students have sometimes gone on to gain Research Fellowships at Queens' and elsewhere.

The primary purpose of the Munro Studentships is to meet the teaching needs of the College. The key selection criterion is the candidate's demonstrable ability to supply high quality teaching according to the College's need.

A Munro student shall normally be appointed for one year.

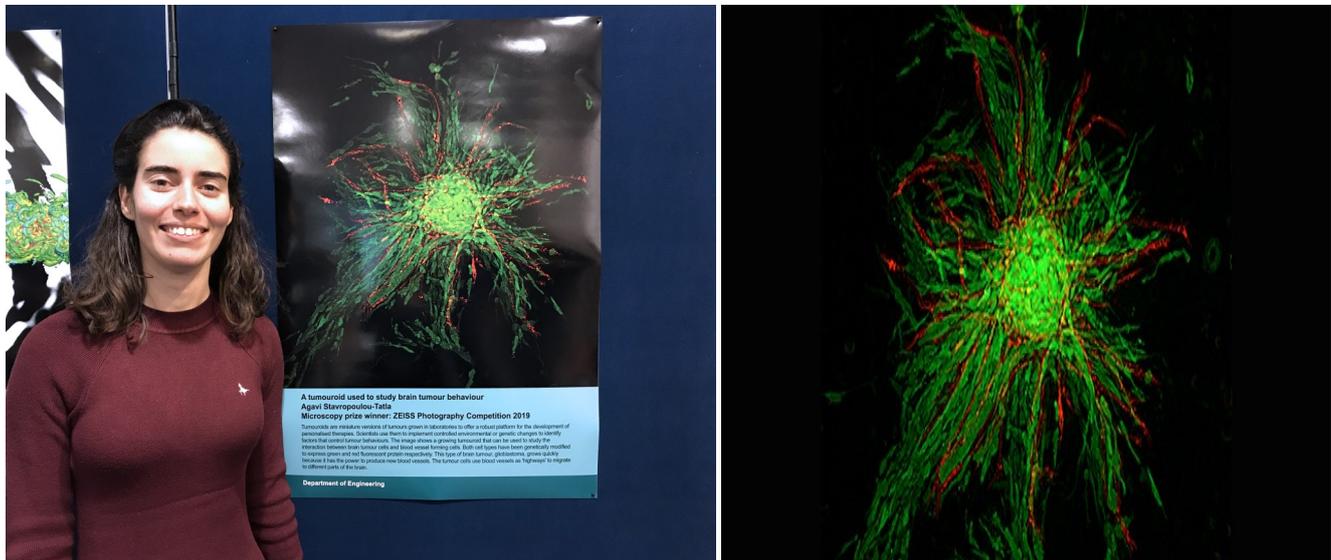
Applications should consist of:

- 1) A covering letter.
- 2) A current CV.
- 3) A statement listing your current supervising experience to date (please list the Tripos and the courses/papers you have supervised in Cambridge, including number of students and which College), and potential supervising for the next academic year (listing Tripos and possible courses/papers and the likely number of students).
- 4) A letter of reference from the DoS at Queens' for whom you supervise. **NOTE:** Please obtain the endorsement of the appropriate DoS prior to submitting your application.

**Please submit items (1) (2) and (3) above to your DoS by Friday, 27 March 2020**

Your DoS will then add a letter of reference and forward your application to the Tutorial Office.

## Queens' Student—Agavi Stavropoulou-Tatla wins Department of Engineering Microscopy Photography Prize



Awarded to PhD candidate Agavi Stavropoulou-Tatler for an image of a mini brain tumour (tumouroid) with blood vessels grown in the lab. Tumouroids can be used to study the interaction between brain tumour (glioblastoma) cells and blood vessel forming (endothelial) cells, offering a robust platform for the development of personalised therapies.

Agavi said: "This type of brain tumour, glioblastoma, is able to grow so quickly because it has the power to produce new blood vessels when needed. Moreover, it is highly infiltrative, and this is partially because tumour cells use blood vessels as 'highways' for their migration to different parts of the brain. Thus, this biomimetic model could provide insight into the mechanisms that drive tumour new blood vessel formation and invasion along blood vessels, and serve as a personalised tool for targeted drug testing."

The panel of judges for this year's Photography Competition included Roberto Cipolla, Professor of Information Engineering; Allan McRobie, Professor of Structural Engineering; Dr Kenneth Png, Senior Applications Engineer at ZEISS Microscopy Customer Centre Cambridge; Professor Richard Prager, Head of Department; and Philip Guildford, Director of Strategy and Operations.

Philip Guildford said: "These wonderful images show that Engineering has no boundaries – it reaches into all aspects of our world bringing understanding, progress and practical benefits."

All of the Departments entries can be seen on their flickr page: <https://www.flickr.com/photos/cambridgeuniversity-engineering/albums/72157710611881613>

## Spearing Travel Fund—Undergraduate and Graduate Engineers

The Governing Body have established a fund in memory of Kenneth Spearing as a result of a donation that he made to the College. The purpose of the fund is to promote technical and industrial visits abroad by engineering students that *are not part of their normal coursework or research*. For example, you should not apply to this fund for support to attend a conference or to undertake fieldwork as part of your PhD studies.

Applications should include:

- ◆ a brief justification of the purpose of the visit, and
- ◆ an analysis of the costs

Applications should be sent to the Senior Tutor via: [tutorial.secretary@queens.cam.ac.uk](mailto:tutorial.secretary@queens.cam.ac.uk) by **noon on Friday, 6 March 2020**.

Successful applicants are asked to submit a report of their visit by 30 October 2020.

## Queens' Endowed Sports Bursaries

There are seven endowed sports bursaries to support Queens' students requiring financial help to pursue high-level sport with the University or other representative teams. Each bursary provides one annual award of up to £500. Further information and an application form can be found on the website at the following link:

<https://www.queens.cam.ac.uk/life-at-queens/student-administration/forms/sports-bursaries-at-queens/ended-sports-bursaries>

The next deadline for applications is: 13 March 2020

### Q550 Sports Bursary

Q550 sports bursaries are available to members of college who participate in a sport at a University level, with priority to recognized Blues or Half-Blues sports. The bursaries are intended to provide a contribution towards expenses incurred. An application form can be found at:

<https://www.queens.cam.ac.uk/life-at-queens/student-administration/forms/sports-bursaries-at-queens/q550-sports-bursaries>

The deadline for applications is: 1700 hours on Friday, 13 March 2020



The Hawks' Charitable Trust was established in 1996 to provide grants to current Cambridge University students, whose sporting pursuits were being inhibited by financial constraints. Applications for an award in 2019/20 may now be submitted. Awards to students, undergraduate or graduate are made on the basis of potential or established sporting excellence and financial need.

Applications must be supported by an appropriate senior member of the University able to comment on the applicant's financial circumstances. The most weight is given to those applications that are supported by the applicant's Tutor.

- ◆ Applicants should normally be resident members of, and competing for, the University.
- ◆ Eligible sports should normally be those for which Cambridge Blues or Half-Blues are awarded.
- ◆ Financial need must be adequately established, but levels of cost should also be taken into account.
- ◆ Excellence in academic or other extra-curricular areas should weigh in favour of applications.

Application forms may be supported by a separate single sheet expressing, in no more than 400 words, why you believe that you are suitable for an award.

Further information can be found at: <https://www.hawksclub.co.uk/trust/application-for-an-award/>

Completed applications for 2019/2020 must be submitted no later than **Friday 14 February 2020** to:

The Hawk's Charitable  
Trust Administrator  
Hawk's Club  
18 Portugal Place  
Cambridge, CB5 8AF



or by email to:  
administrator@hawksclub.co.uk



## Prof Dame Athene Donald in conversation with Angela Saini

Wednesday, 12 February at 6.00pm  
Wolfson Hall, Churchill College

Attendees are welcome to attend a drinks reception after the talk

Angela Saini is an award-winning science journalist, author and broadcaster. She presents radio and TV programmes for the BBC and has written for *New Scientist*, the *Guardian*, *The Sunday Times*, *Wired* and *National Geographic*.

Tickets are free and can be booked at: [www.chu.cam.ac.uk/conversations](http://www.chu.cam.ac.uk/conversations)

### QUEENS' AT A GLANCE

#### FEBRUARY

- 7—Half Way Dinner (7.00pm)
- 11—15—BATS Performance
- 14—MCR Boars Feast
- 21—College Guest Night (7.00pm)
- 22—MA Graduands' Lunch
- 26—29—Lent Bumps Races (*provisional*)
- 29—Lent Bumps Supper (7.00pm) (*provisional*)



## NAPP Student Innovation Challenge—Are you interested in understanding and building knowledge of the pharmaceutical industry?

In the summer of 2020 NAPP are opening their doors to a group of ambitious and perceptive students from the University of Cambridge.

Working in a small team of peers, with support from industry experts, you will have two weeks dedicated to creating solutions to some of the biggest business challenges facing the pharmaceutical industry, including:

- How technology, such as artificial intelligence, could optimise clinical trial programmes?
- How the application of new diagnostic tools and devices can support patients and optimise care?
- How new business processes can create a sustainable, partnership driven future for the pharmaceutical industry?

At the end of the two-week challenge, your team will present their ideas to senior leaders in the business. Each team and candidate will receive extensive feedback from their mentors throughout.

### **How to apply:**

The Innovation Challenge will run between **21<sup>st</sup> September to 2<sup>nd</sup> October 2020** and is open to individuals and teams (up to 5 people).

Applications are open to all students studying at the University of Cambridge, however, academic disciplines of natural sciences, medicine, computing science, engineering, behavioural science and economics will be particularly relevant.

Applicants should send their expression of interest to [donna.leach@napp.co.uk](mailto:donna.leach@napp.co.uk) by **14<sup>th</sup> February 2020**.

Within your email please provide a brief CV (one A4 side preferred) and answer the following questions:

1. Why would you be suitable? (150 words max)
2. What would you hope to gain from participating? (150 words max)

Teams entering should provide individual CVs and individual answers for questions.

Successful candidates and teams will receive a decision by the end of March 2020.

### **Support and expenses**

Napp will offer expenses of up to £20 per day and vouchers for breakfast and lunch at their staff restaurants. Should you have any further expense or support needs they would be happy to discuss on a case-by-case basis.

<https://napp.co.uk/about-us/>

## Queens' College / University of Southern California (USC) Exchange Programme MT20

This programme offers the opportunity for a recently graduated undergraduate student to visit USC for one semester (autumn) to undertake study in any field. The aim of the exchange is to promote international scholarly collaboration and increased contribution to social development. USC is one of America's leading universities, with particularly highly regarded graduate schools of cinema (rated number one in the world), journalism and musical performance, as well as other outstanding academic departments. For the course book see: [www.usc.edu/soc](http://www.usc.edu/soc)



All classes offered at USC will be available subject to course prerequisites or other qualifications being met. USC will make accommodation available in a typical residence hall at the published rate.

### Applications

Applicants should send a *curriculum vitae* with a covering letter indicating your chosen course of study and outlining your funding arrangements. The application should include a statement of not more than 750 words concerning the benefits you hope to derive from the scheme and what contribution you hope to make to life at USC.

### Deadline for Applications

Applications should be submitted by email (documents as attachments) no later than **Friday, 28 February 2020** to the Deputy Senior Tutor, Prof. Marie Edmonds, c/o Mrs Moira Thomson ([tutorial.secretary@queens.cam.ac.uk](mailto:tutorial.secretary@queens.cam.ac.uk)).

### Costs and Funding

Queens' College will reimburse the cost of one return airfare (economy class) to California. **The student will be responsible for all other financial arrangements including:**

- ⇒ Tuition costs—one term's Cambridge University fees at the Home/EU undergraduate rate, payable to Queens' College.
- ⇒ Accommodation costs at USC (between \$6,000-\$7,000).
- ⇒ Living expenses, including mandatory health insurance, should be in the region of \$6,000-\$7,000.



### Dates:

Move in: 19 August 2020  
Classes begin: 24 August 2020  
Fall Recess: 15-16 October 2020  
Classes end: 4 December 2020  
Exams: 9-16 December 2020  
Winter Recess: begins 17 December 2020