



**60th London International Youth Science Forum** (<http://www.liysf.org.uk/>)

**25<sup>th</sup> July – 8<sup>th</sup> August 2018**

### **Application Form**

Please ensure you read the Information for Applicants and Conditions of Application on page 4/5, **prior** to completing this form.

**All completed application forms to be returned for the attention of:**

Grace Hickey, Faculty of Science & Health, HG04, Nursing Building by **5.00 pm, Monday 9th April 2018**

(Please note interviews will be held in April 2018)

**Surname\*** \_\_\_\_\_ **First Name\*** \_\_\_\_\_

**Date of Birth\*** \_\_\_\_\_ **Male / Female** (circle appropriately)

**Address** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Address at College** (if different from above) \_\_\_\_\_

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**Place of Birth\*** \_\_\_\_\_ **Nationality\*** \_\_\_\_\_

*\*As indicated on applicant's passport. Please note that all **successful candidates** will require a passport which is valid for at least 6 months after their return from London.*

**Do you require a visa to travel to the UK?** Yes / No (circle appropriately)

**Landline** \_\_\_\_\_ **Mobile** \_\_\_\_\_

**Email** \_\_\_\_\_ **Student ID** \_\_\_\_\_

University Programme (please state name of Programme and year)

Subjects taken in Programme

Year of Admission

Secondary School attended (with dates)

Leaving Certificate Results (or equivalent examination)

Date	Subject	Higher / Ordinary Level	Grade

Scientific Interests (Please provide a supplementary page if required, stating heading)

Have you undertaken a written scientific project in the past two years? Yes / No

Title

Intended Career

Other Interests (Please provide a supplementary page if required, stating heading)

Please list your three principal leisure activities:

1)

2)

3)

Music - Do you have any musical talents (sing, dance or play an instrument)? (Please provide a supplementary page if required, stating heading)

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**Social Work** - Are you involved in any voluntary / charity work? **(Please provide a supplementary page if required, stating heading)**

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**Awards** - Please provide details of any prizes / academic distinctions obtained. **(Please provide a supplementary page if required, stating heading)**

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**Other** - Please give details of any other information in support of your application. **(Please provide a supplementary page if required, stating heading)**

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**Have you travelled abroad?** If so, please provide details. **(Please provide a supplementary page if required, stating heading)**

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## INFORMATION FOR APPLICANTS

Founded in 1959, LIYSF aims to give a deeper insight into science and its applications for the benefit of all mankind; and to develop a greater understanding between young people of all nations.

### **About the Forum (<http://www.liysf.org.uk/liysf/liysf-2018/>)**

The London International Youth Science Forum (LIYSF) is a two week residential event held at Imperial College London, with lectures and demonstrations from leading scientists, visits to industrial sites, research centres, scientific institutions and organisations, including world class laboratories and universities.

LIYSF aim to cover a broad range of subjects across STEM fields and students will be able to tailor their programme to suit their own STEM interests. The 60<sup>th</sup> LIYSF will have the underlying theme of '**Science for the Future**'.

Over the last 60 years science has had a transformative effect on our lives. Science touches each and every person's life throughout every moment in any day. From the transport used to travel and its infrastructure, phone, tablet or computer device, the energy to heat and give light, food, medicines and health care to the clothes worn; all are developed through scientific research and processes.

Science is uniquely placed to help the world for the future. Science can help tackle some of the issues we face today, such as; energy, food and water security, climate change, biodiversity and potential pandemics.

Never has science been more vital to mankind. Therefore, how science is communicated is even more important today - not just to governments and policy makers, but to everyone. Scientists must be able to articulate their ideas in an effective manner.

LIYSF 2018 will not only consider what the scientific and technological landscape might look in the future and how this can be influenced, but will also equip students with new knowledge and skills, connections and a broader perspective.

Key elements of our programme include opportunities to visit industrial sites, research centres, scientific institutions and organisations, including world class research institutions and laboratories.

Visits include top research departments, world renowned centres of excellence in:

- **London** - including various University departments at Imperial College London and University College London, The Royal Institution, The Tate Museum Conservation Department, UCL Hospital and the London Wetland Centre
- **Across the UK**, including Airbus, Rolls Royce, The Animal & Plant Health Agency, Public Health England, Cranfield University, Rutherford Appleton Laboratory, The John Innes Centre, National Space Centre, The National Oceanography Centre, The Rothamsted Research Centre, Warwick University, University of Kent and the British Geological Survey
- **Oxford and Cambridge** University departments, as well University hospital departments, the Cambridge Crystallographic Data Centre, Wellcome Genome Campus and Oxford Brookes University
- **Museum Visits** - The Science Museum and the Natural History Museum

A vital part of the experience of attending LIYSF is teaching and learning about different cultures and traditions. LIYSF places a great deal of emphasis on this and believes that cultural interaction and making life-long friends is a very special aspect of attending. Being a residential forum - split into three Halls with their own dedicated residential staff - you will be spending a lot of time together with new friends, many sharing a room with a new person and eating meals together. They have a rich and engaging social programme of events to create a wonderful social programme for your time with the LIYSF.

### **Optional Visits**

Students are encouraged to get involved with as many of the optional visits as possible; to broaden your experience of London and the UK, introduce you to some memorable attractions and allow you to spend time with some new found friends! All optional visits and sales are available to buy in person on Thursday 26th July at LIYSF.

### **LIYSF Optional Visits:**

London Eye, Stonehenge & Salisbury, London River Cruise, Tower of London, Buckingham Palace , Sightseeing Bus Tour of London and Oxford/Cambridge Optional Day Visit. There are also a range of theatre shows on offer. More information available at this link: <http://www.liysf.org.uk/liysf/optional-visits/>

### **Participation**

Participation is open to science students from all countries of the world. The language used throughout is English.

### **What is covered by DCU**

Should you be selected, your participation fee (STG£1,950) and return travel costs from Dublin to London will be paid for you by Dublin City University. The fee also covers accommodation for 14 nights with dinner, bed and breakfast in a University Hall of Residence and travel insurance. Lunch boxes are provided except on arrival/departure days and the Opening ceremony Day. For all programmed events, transport is provided by private coach or public transport. The participation fee also covers the full programme of lectures, demonstrations, seminars and visits (including transport out of London), together with the social programme, maps and other necessary documentation. The participation fee **does not** cover optional sightseeing tours and theatre tickets.

## **CONDITIONS OF APPLICATION**

1. The representative is chosen by interview.
2. Candidates will not be chosen for their academic ability alone. Evidence of sociability and achievement in other areas will also be taken into consideration.
3. Candidates should be aged between 16 and 21 years old when LIYSF takes place - thus date of birth be between 25/7/1996 and 25/7/2002. If your birthday is later than 25/07/2002, you should apply for the following year.
4. Participants must be first year, third-level students engaged in a course of full-time study in the Faculty of Science and Health.
5. Have a good understanding of written and spoken English
6. Your parents/guardian must endorse your application (if you are under 18 when LIYSF begins)
7. Successful candidates will be awarded a place **subject** to successfully passing their June 2018 diet of Examinations
8. Each candidate must provide the Faculty of Science & Health with a written feedback report of their experience at LIYSF within four weeks of their return.