



UCL

SUMMER UNDERGRADUATE RESEARCH EXPERIENCE

UCL Institute Of Ophthalmology
and Moorfields Eye Hospital



Moorfields
Education



PROGRAMME DATES

Summer URP will take place during 22 June – 17 July 2020 for four weeks.

22 June – 14 August 2020 for eight weeks.

CREDITS

This is a non-credit bearing programme, but students will receive a certificate of attendance.

RESEARCH TOPICS

Students can request to be placed with either a researcher or clinician researcher based on their interests; however, we cannot guarantee which lab they will be assigned.

LANGUAGE

The programme will be conducted in English.

ACTIVITIES

Participants will be immersed in the local culture through a series of orientation and cultural activities, including research talk and meeting with professors at UCL.

HOUSING

There is student housing near the Institute. The costs vary, but a student can anticipate paying between £150 - £200 per week for student accommodations in London.

PROGRAM ELIGIBILITY

You are invited to apply to URP if you are an undergraduate student in the life sciences or medicine at a University in the UK or overseas.

HOW TO APPLY

We begin accepting applications in mid-November for enrolment the following year. To apply to URP, please complete the application form on our website and submit the following:

- University transcript
- Letter of recommendation.
We strongly recommend that the recommendation is from someone who can comment specifically about your ability to engage in this research experience.
- Previous research experience is preferred

All applications are due by May 30, 2020. We run a rolling admissions so early applications will be placed first into the programme.

FEES

- **4 weeks - £1,800 (Pay £1,650 if you apply by April 15 2020; full price from April 16 to May 30 2020)**
- **8 weeks - £3,600**

URL

www.ucl.ac.uk/ioo/summer-school-2020.



OVERVIEW

At UCL we are proud of our pioneering history, our distinguished present and our exciting future. Academic excellence and conducting research that addresses real-world problems inform our ethos to this day and our plans for the future. With our academic reputation, excellent facilities and central London location, UCL is a great place to be an undergraduate engaging in a summer of research.

One of our many advantages is being in the centre of London and collaborating with Moorfields Eye Hospital. Our programmes at the Institute build on our outstanding clinical and industrial links in London, helping our students to build exciting academic and research careers. We seek to attract outstanding students from across the globe to join our world class experts in solving vision and eye health challenges in a cross-disciplinary manner. Our faculty hosts a range of disciplines engaged in meaningful translational research.

WHAT STUDENTS GAIN BY SPENDING TIME AT THE INSTITUTE

Students will be engaged in a variety of lab and clinical experiences depending on their interests and background. We expect students to develop an understanding for lab and clinical based research while they are with us, complete a research poster and shadow and engage in a lab or clinical experience depending on their prior lab experience. Students who join our programmes will be expected to be responsible in terms of using their time effectively.

The first week of our programme is focused on ensuring that all students who join us have the research understanding and skill base to maximize the opportunity to be at the Institute and Moorfields. This is an intensive training week in research in practice.

The course involves a combination of research areas and statistics relating to common research practices, including clinical research project design, good clinical practice, research ethics in vivo and statistics for basic and clinical research data. We also have an excellent library with computer facilities for students to use. Students will also have sessions on critical appraisal of scientific articles. At the end of the four-week term, students will have a poster session.

There will be seminars given by visiting and resident staff at the Institute and Moorfields across the summer period and students can attend.

You should expect to leave the programme having:

- **Developed research skills and knowledge in a specific area of ophthalmology or vision science**
- **Joined or worked with a member of a world-class research team**
- **Had a clinical placement if working with a clinician**
- **Experienced postgraduate studies first-hand**
- **Established networks for future career**
- **Spent the summer in one of the greatest cities for art, culture and cuisine in the world**

Summer 2020

Dear Student,

Thank you for your interest in our UCL Summer Undergraduate Research Experience (URE). These programmes are intended to prepare, inspire and support you as a student and feed your interest to engage in research. We hope that your experience with us will lead you to possibly pursue an academic career in teaching and research. As a participant in one of our URPs, you will become immersed into the working environment of world leading scientists and clinicians. You will learn about what is involved to solve some of the most pressing health issues of our times by faculty who are vanguards. You will find yourself interacting with leaders in bioscience, stem cell research, immunology, regenerative medicine, epidemiology, genetics, imaging and data science. You will also learn about our world leading master's and PhD programmes at UCL and develop invaluable connection to assist you in your future endeavours.

I have no doubt that after a summer at the Institute you will be wanting to return for your next degree. I look forward to meeting you and seeing you not only in the labs, but at the many seminars and cultural activities that make being at the Institute in the summer such a memorable experience.

Best wishes,

Professor Andrew Dick

**Duke Elder Chair and Director of Institute
of Ophthalmology**

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