

# Aspiring Scientists Training Programme

## Job Description

### Dates of Placement

7<sup>th</sup>-12<sup>th</sup> July 2024

### Placement Description

Area of the University    Laboratory research

What will you do?        Spend 3 hours in the lab each day

Attend four, two-hour interactive workshops to help you develop scientific and practical skills (e.g. microscopy, image analysis, presentation skills, how to apply to selective universities)

Create and deliver a scientific presentation to other placement students.

You will also have the opportunity to network with post-graduate students and scientists, talk to them about their jobs and lives and find out how research is done in the lab.

### About the successful student

We expect all students to be punctual, responsible, reliable, curious, and willing to listen to advice and act on feedback.

You must be available for all of the days during the placement week.

Interested in:                      Biology

Key skills include:                Attention to detail, interested, inquisitive

### What you will need

You will need to bring        Closed-toed shoes  
Sensible clothing and a hair band if necessary

We will provide                Lab coat  
Protective eyewear  
Gloves  
Computer access (where necessary)  
Breakfast, lunch & dinner  
Accommodation at a University of Cambridge college (Sunday – Thursday night of your placement week – for students travelling long distances, the project team may be able to secure accommodation for Friday night also)  
Transportation reimbursement (receipts required, up to £50 per week unless previously discussed with the project team)

### About the Host Institutes:

All participating institutes belong to the University of Cambridge [School of Biological Sciences](#) or [School of Clinical Medicine](#).

[Gurdon Institute](#): Understanding the fundamental mechanisms of normal development, to determine how these mechanisms are subverted in cancer and other diseases.

[Sainsbury Laboratory](#): SLCU brings together people working in biological, physical, and mathematical sciences in a creative and curiosity-driven environment to decipher the amazingly complex, dynamic and self-organising properties of plants.

[Cambridge Institute for Medical Research](#): Determining the molecular mechanisms of disease in order to advance human health.

[Mitochondrial Biology Unit](#): Understanding mitochondrial biology in health and disease, and to exploit this understanding to develop new therapies and improve human health.

[Institute of Metabolic Science](#): Investigating the mechanisms through which metabolic health is maintained and how this is disturbed in disease.

[Department of Pharmacology](#): Focusing on how drugs work: from how they act at the molecular level, to their effects on the human body.

**Please note:** This is a Widening Participation programme with the particular aim to give students the experience of working in an academic research environment when they ordinarily wouldn't be able to arrange such an experience on their own. For more information about the selection criteria, please read the guidance document on the [programme webpage](#).