

StudentShapers Recruitment: Calling all 1st year BMB students

Improvement of interactive videos demonstrating lab procedures for Year One students

Bursary:

The project will take place full time for four weeks during the summer break in September. You will receive a bursary of £330 per week.

Who should apply:

BMB students who have successfully completed their 1st year. We are looking for students who found the Lab Pod 1 module and its techniques challenging as well as those who felt that they have mastered the techniques.

Campus/Location:

Hammersmith Campus, Teaching Labs and working from home.

Project details:

We are looking for students who are interested in engaging with making interactive videos for the Lab Pod 1 manual. This task will include the careful review of the current videos to identify aspects for improvement or missing video footage. Afterwards students will participate in filming and editing of the videos to create improved resources. This may include close ups of particularly difficult steps, generation of explanatory figures, voicing of video material and implementing of interactive materials, like knowledge checks. Students unique view as novices of those complex techniques will help generate teaching material that support independent learning for the coming generations of students. Students will be supported by Dr Silke Kerruth and Andy Pritchard (camera) during this project.

Prior knowledge to film editing is beneficial but not mandatory. We are looking for students who can give us a better insight into what steps are particularly difficult and need more in-depth explanation and video footage, i.e. pipetting, scraping of cells. Thus, we want to specifically recruit students who found working in the labs challenging. To make the videos more inclusive we encourage students from different backgrounds, abilities and Neurodivergence, for example Specific Learning Differences (SpLD) to apply for the project to gain a deeper insight and creating more inclusive resources.

Students involved in this project will learn a variety of skills. They will learn how to produce high quality videos and all aspects related to this (preparation and conducting of filming, video editing software, voice recording). In addition, it will be beneficial for their journey towards becoming a skilled scientist and succeeding in the practical module in year 2, Lab Pod 2. Due to their deep engagement with the techniques, they will improve their lab skills and their understanding of the theory behind those techniques. Furthermore, it allows students to see teaching through the teacher's perspective. This new insight will help them to better understand teaching and learning design and thus make them more independent learners.

How to apply:



Applications should be made via the 'expression of interest' form on the StudentShapers website ([here](#)) or accessed using the above QR code. This will then be distributed directly to the appropriate staff partner.

Deadline: 30.04.2022

Contact details: skerruth@ic.ac.uk