

StudentShapers Recruitment: Calling all Y2/Y3 BSc. Medical Bioscience students

Making better connections: Creating stronger links between theoretical and practical educational resources in the 2nd year BSc Medical Biosciences module 'Lab Pod 2'

Bursary: £325 per week (4 weeks from 5th -30th July 2021)

Who should apply: Applications are welcome from any student who has completed, or who is currently in the process of completing, the BSc Medical Biosciences module 'Lab Pod 2'.

Campus/Location: Online and/or Hammersmith Hospital campus

Project details:

In the BSc. Medical Biosciences module, Lab Pod 2, we challenge our students to develop their own group research hypothesis which they then work on throughout the 20 weeks of lab classes. The development of practical skills is supported with eModules designed to help students understand the theory that underpins everything they do in the lab. The aim of this project is to create a more robust theoretical scaffolding around the Lab Pod 2 practical classes that better supports our future students.

Student and staff partners will examine the eight technical eModules that currently accompany the first term of LP2 sessions to identify a revision plan for each eModule. We will then collaborate to implement whatever changes are deemed appropriate including the creation of new digital resources where necessary. We will look at both the structure and content of the eModules with a view to ensuring that future LP2 students understand why they are performing particular techniques, how that technique works, and how to apply the results to their ongoing experiments.

Any student who has been involved with Lab Pod 2 should have good understanding of where the gaps in the material lie, and how improvements could be made. It is hoped that our student partners will use their own experiences to offer creative solutions to help future students develop a deep conceptual understanding of their practical skills.

In light of the current uncertainty regarding UK government guidance and College policy for access to campus, this project is offered principally as a fully remote project, with the option of working in the undergraduate

STUDENTSHAPERS

teaching labs at the Hammersmith Hospital campus should this be both permitted by the College and desired by the applicant.

In addition to having the chance to shape the curriculum and improve their overall experience for future Lab Pod 2 students, it is also expected that collaboration on this project would offer student partners the opportunity to build on their understanding from their own Lab Pod 2 learning by reflecting on what might be helpful to others. This project will also offer the option for student partners to develop their digital media skills.

How to apply:

If you are interested in becoming one of our student partners, email Dr Jacqueline Dickson with a brief statement of interest describing why you wish to engage with this project. Please limit your expression of interest to no more than 300-500 words.

Deadline: 16th April 2021

Contact details: j.dickson@imperial.ac.uk