

StudentShapers Recruitment: Calling all year 1 or 4 students

Developing student-centred learning material for a new earthquake engineering module

Bursary: £325/full-time week (4 full-time weeks) + £55/part-time week (16 part-time weeks)

Who should apply:

This project is open to students from all undergraduate degrees. Please note that given the current global circumstances, all communication will take place remotely using collaboration tools such as Zoom or Microsoft teams.

Campus/Location: South Kensington

Project details:

We are recruiting 2 dedicated student partners to join our group! You will remotely collaborate with Christian Málaga-Chuquitaype and Leena Kibriya for the design of a new I-Explore module in Earthquake Engineering. We are committed to building a module that incorporates innovative teaching practices and assessment approaches that improve student learning! Your responsibilities will include critical screening of module content and assessment, co-scripting of multimedia material to support the delivery of the module, participating in interviews with inter-disciplinary specialists, and co-production of instruction/assessment material.

This is an excellent opportunity to:

- *Acquire experience of what happens behind the scenes during the preparation of an active learning module*
- *Learn about educational technology and how it can enrich STEM learning*
- *Improve your communication, team-work, and leadership abilities*
- *Strengthen your organizational and critical thinking skills*
- *Gain a first-hand appreciation of the different aspects of module assessment and delivery*

Timeline: (i) We will first curate the content/material for the module, design visualization aids to be produced in collaboration with Imperial's EdTech team, and identify multidisciplinary specialists for interviews. (ii) At the second stage (preferably July 2021), we will co-script the audio-visual material, record interviews with specialists within and outside Imperial, and test our digital assessment tools. (iii) The final stage of the project will be reserved for trials of the material and assessment apps developed in the first part, as well as gathering contextualized feedback to inform any modifications prior to module delivery.

We'd love to hear from you if you are:

- *Passionate about disaster preparedness and post-disaster response (No prior experience on the subject is required)*
- *Curious about the role of earthquake engineers in providing safe and resilient infrastructure*
- *Motivated to work independently and within a team*
- *Eager to learn new things and create something new*
- *Able to synthesize information and plan across a broad range of subject areas*

STUDENTSHAPERS

- *Interested in educational technology and curriculum development*

How to apply:

Email Christian (c.malaga@imperial.ac.uk) and cc. Leena (l.kibriya16@imperial.ac.uk) a short statement on why you wish to engage with this project. You may be invited to an informal chat (virtual) as part of the application process.

Deadline: April 30th 2021

Contact details: Feel free to email any questions or concerns to l.kibriya16@imperial.ac.uk or c.malaga@imperial.ac.uk

We embrace diversity and equal opportunity in our team. We do not discriminate on the basis of race, religion, colour, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status. We will ensure that individuals with disabilities are provided reasonable accommodation to participate in the job application or interview process, and to perform essential job functions.