

StudentShapers Recruitment: Calling all year 1-3 Mech Eng students

Making Mech Eng More Inclusive 2023

Bursary: £365 per week for six weeks over summer vacation (timing is flexible) Two positions available.

Who should apply: Mech Eng students currently in year 1-3 (students from other courses can also be considered if they demonstrate passion for the project)

Campus/Location: South Kensington initially, then online or in person

Project details:

Work is ongoing to make the Mech Eng learning experience more inclusive for diverse groups of students. We need students to work in partnership with us to make this happen. The two projects below are suggested, but student-proposed ideas will also be considered:

- **Project 1: Alternative histories and geographies:** Currently all scientists mentioned in our lectures are white men – Gauss, Fourier, Newton, Bayes etc. Work is needed to identify if there are diverse role models (with different protected characteristics like disability, gender and race) that we can talk about when we are teaching, to contribute positively to the sense of belonging and self-efficacy for female and racially minoritised students.
- **Project 2. Maths explainer videos:** We need to create short explainer videos on maths topics or questions that are troublesome and are frequently asked about in tutorials. Some students prefer learning from videos as they can pause and rewind if necessary, so these resources will support these students with different learning styles.

In project 1 the student partner will gain experience reviewing existing literature, talking to the librarians, interviewing subject experts and report-writing. In project 2 the student partner will gain experience surveying students and tutors to identify relevant topics and questions, typesetting beautiful maths in latex, and creating short videos with the help of the college's digital media lab.



How to apply:

Applications (300-500 words) should be made via the 'Student 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: Apply by 5th April 2023 12:00

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