

StudentShapers Recruitment: Calling all 3rd year Chemistry students who continue their studies into 4th year

**Developing Emerging Technologies labs: a student-led development of practical
projects in collaboration with Chemical Kitchen**

Bursary: 4 weeks full time (160 hours), £1460

Who should apply: 3rd year Chemistry students who continue their studies into the 4th year

Campus/Location: South Kensington / White City

Project details:

Are you a 3rd year Chemistry student with a passion for emerging technologies, automation, and cooking? Do you want to participate in a project that will not only help you develop valuable skills but also contribute to shaping the teaching and learning at Imperial? Then we have an exciting opportunity for you!

As part of our Emerging Technologies unit, we are seeking students who are interested in engaging and participating with us as partners to develop new group projects. Our current projects include a self-watering garden, a PCR machine, or a spectrophotometer, but we are now looking for students to conceptualize and develop a device for automating or improving various kitchen processes.

We want you to use your unique position to conceptualize, develop and test a new mini project in partnership with the Chemical Kitchen and Chemistry teaching staff, drawing on the technological and culinary experience. We will introduce you to the teaching rationale behind the courses, listen to industry partners, and ideate novel projects. You will be then given a budget to source parts and ingredients, and design and build a prototype project. We will work with you as partners to achieve the goal by facilitating regular meetings and supporting you with hands-on ad-hoc meetings to troubleshoot, brainstorm and solve emerging problems.

As an outcome, you will prepare a prototype project outline with a proposed viable solution, which then will be used as a basis to be refined and revised to produce a final version to be implemented in the AY 23/24.

We are committed to promoting Equality, Diversity, and Inclusion in this project and in all our activities. We encourage all students, regardless of their background, gender, ethnicity, or any other characteristic, to apply and welcome those who have traditionally been underrepresented in STEM fields.

STUDENTSHAPERS

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.

Selected applicants will be invited for a short interview, which will take place after the deadline.

Deadline: 31st of March 2023

Contact details: For informal correspondence/questions on the project, please contact Jakub Radzikowski j.radzikowski@imperial.ac.uk