

Student Science Engagement Program 2022

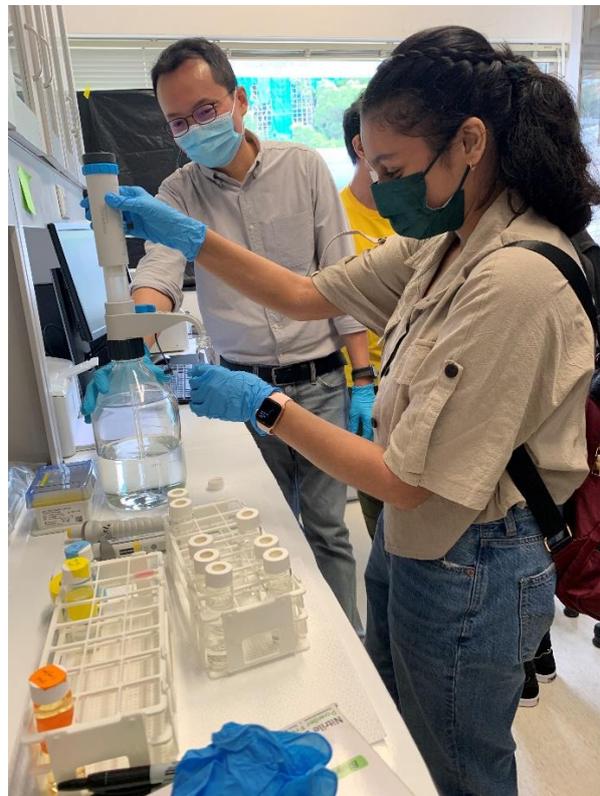
Some of our science enthusiast students were given the opportunity to get a taste of scientific research by the Science Engagement Program of The Chinese University of Hong Kong (CUHK). The aim of the program was to inspire students who are interested in science to broaden their horizon and get a hands-on experience in the scientific research field. This would guide them about possible career prospects in the science field.



The program was led by four professors from School of Life Sciences (CUHK), Choh-Ming Li Professor Lam Hon Ming, Professor Wong Wing Tak Jack, Professor Chan Ting Fung and Professor Tsui Tsz Ki Martin.



In the programme, a few students were chosen through numerous assessments such as writing essays and zoom interviews by the professors, who were also the mentors of this program. In the end, three students were chosen: Dubb Harshdeep, Barua Avejit Ave and Gill Priyanka. They were put into different groups with students from other Delia schools. They had a number of zoom meetings with the professors to discuss and finalise their topics for research. Along with their projects, the students also had the opportunity to carry out university level laboratory experiments. Through this program, they were not only given the chance to develop their research skills and presentations skills but also got to familiarise themselves with the advanced laboratory techniques in different life sciences fields.

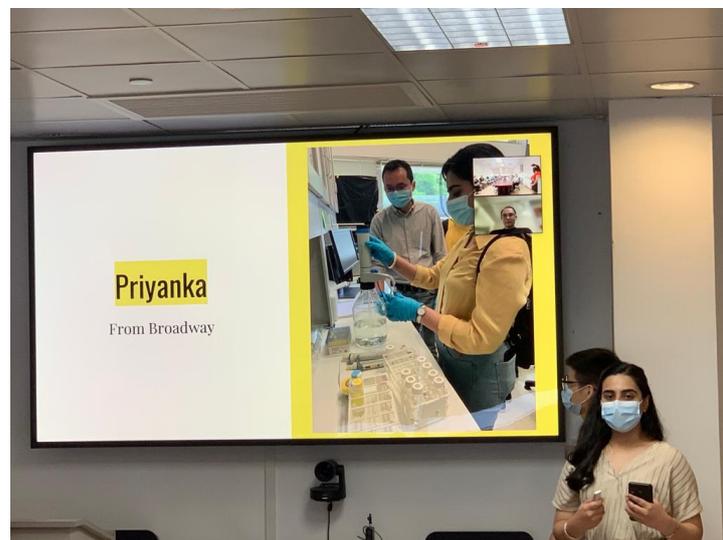


Student reflections



My name is Gill Priyanka, I have recently been promoted to S.6 at Delia Memorial School (Broadway). I am one of the students who were given the opportunity to join the Science Engagement Programme organised by the Chinese University of Hong Kong. I am so grateful to have been chosen to be one of the students to learn from great scientists of Hong Kong. My experience in this programme has been great. I got to experience things that a normal secondary student would not have. For instance, doing experiments which involve handling DNA or culturing bacterias such as

Rhizobium. This programme not only focused on science as a whole but different fields in science, such as biology, chemistry and some biotechnology. This allowed me to explore more branches of science to understand my interest even better and decide what I would really want to pursue for my higher education. Apart from learning scientific



knowledge, I also got to work with students from other Delia Branches. Working with them allowed me to gain skills such as team-building and communication. This made my experience in this programme even more pleasant. Overall, I am so glad to be the one to represent my school to participate in this programme. I will be forever grateful for this wonderful opportunity. Thank you.



I'm Dubb Harshdeep from Delia Memorial School (Broadway). I was given the wonderful opportunity to take part in the CUHK Science Engagement Internship during the summer holidays. I'd like to thank Mr Kot and the CUHK professors for choosing me for this internship as I gained a meaningful experience from this. The internship was slightly different as the one that took last year, this year we had multiple opportunities to do hands- on lab experiments with the guidance of students helpers and teachers at CU. We learnt essential lab etiquette such as

always wearing gloves when doing anything in the lab and wiping down workbenches and gloves with alcohol . We also learnt how to do research on our own and how to present our research (eg. citing sources). We did multiple zoom presentations regarding different topics which everyone had the chance to



choose and coordinate a meeting. During the Laboratory internship, we did many experiments all regarding Soybeans, such as Nodule Dissection, DNA extraction and Gel electrophoresis. These experiments showed me that there's more to biology such as it's technical aspects. Besides the experiments, I also got the chance to work with students from the other Delia branches and this allowed me to refine my communication and team-work skills. I'm glad that I joined this programme and I will always be grateful for this wonderful experience. Thank You.



I am Barua Avejit Ave studying in Delia Memorial School of Broadway and I am promoting to s6 this year. Earlier this year I received the news of being able to take part in a science programme offered by the Chinese University Of Hong Kong. Receiving this news definitely made me feel grateful and honored because I have always wanted to be part of such a programme where I have the chance to work alongside great professors and other classmates from other schools. During my time in CUHK I got to experience and learn many things such as DNA extraction and also experiments related to soybeans. Some of these experiments cannot be performed in our own secondary school but after having this one time experience in CUHK I am glad that I am one of the few students who got to experience such things. Other than experiments I was also able to meet new classmates who came from different backgrounds and seeing how they were also paying so much effort in learning new things truly inspired me to do the same and motivated me even more. I was able to experience life in University despite it just being 2 weeks. I was also able to meet some student instructors who shared their highschool experience with me as well as advised me a few things regarding my career path. Meeting great professors and visiting their work environments was also a great take away as it showed me the true meaning of passion. I would like to thank CUHK once again for giving us this opportunity and allowing us to experience something new, I will forever be grateful for this.



