

# THE AWARDS ASIA 2022

## Teaching and Learning Strategy of the Year

<b>Institution name</b>	City University of Hong Kong
<b>Submission title or project name</b>	STEM x STEM Education (Students-as-Trainers Education Model x STEM Education)
<b>Nominee/key personnel</b>	Dr. Ray Cheung, Associate Professor, Department of Electrical Engineering
<b>URL</b>	<a href="https://www.hochk.hk/">https://www.hochk.hk/</a> ; <a href="https://appslab.hk/">https://appslab.hk/</a> ; <a href="https://cityu-hall2.github.io/it/index.html">https://cityu-hall2.github.io/it/index.html</a>
<b>Submission</b>	<p>Dr Ray Cheung's teaching philosophy is "to teach is to learn". He believes that a flexible peer-education model empowers students to embrace technology learning at their own level and to pass on their knowledge to others. The CityU Apps Lab (CAL) was therefore established to realise his philosophy.</p> <p>Throughout the years, CAL has refined a highly impactful community-based learning model to teach STEM literacy skills to university students and the wider community. Starting with a team of thirty students, CAL now has over 6,000 members from all walks of life. This innovative "students-as-trainers" approach is orchestrated through three tiers: (1) "To teach above self", (2) "To apply what we learn" and (3) "To innovate and become entrepreneurs".</p> <p>The benefits of CAL also demonstrate CityU's theme "Venture Beyond Boundaries" which has succeeded in leveraging students' learning experiences and has created a positive impact on both the University and the wider community.</p>