

SCISOC SPOTLIGHT

BY THE CAMBRIDGE UNIVERSITY SCIENTIFIC SOCIETY

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RESEARCH FOCUS:

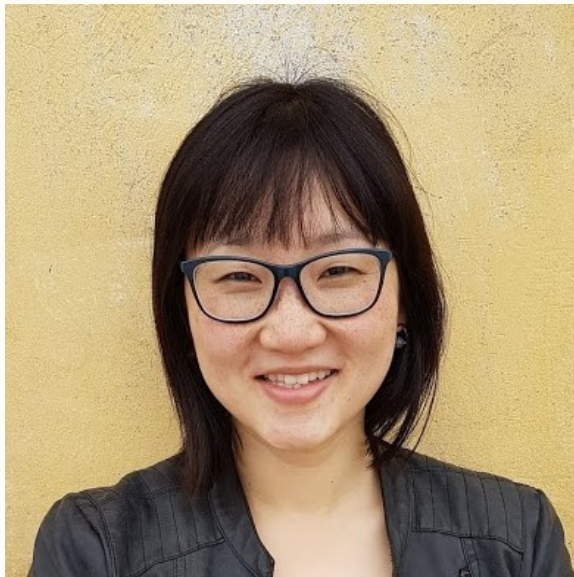
PHOTOSYNTHESIS,
ELECTROCHEMISTRY
AND BIOENERGY

We are fascinated by the **chemistry occurring within photosynthesis**, an important process that sustains life on Earth as we know it. In particular, we analyse how **solar energy is harvested by photosynthetic machinery** to move electrons around for the breaking and making of bonds. We wish to better understand the **nature of the electrode movements** so that we can eventually **'re-wire' photosynthesis** using chemical approaches for bespoke purposes - such as the **generation of renewable bioenergy** or the **creation of novel biosensors**.

WHY RESEARCH?

I loved how research challenges me to **be my most curious, rational, and creative self**. Being at the **forefront of discovery** is also pretty addictive!

"Research challenges me to be my most curious, rational, and creative self."



ONE PIECE OF ADVICE...

Don't go for the easy wins, **challenge yourself to master something difficult** and turn it into **your superpower**.