

# SCISOC SPOTLIGHT

BY THE CAMBRIDGE UNIVERSITY SCIENTIFIC SOCIETY

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## RESEARCH FOCUS:

POWDER X-RAY  
DIFFRACTION  
TECHNICIAN

As part of **Chemical Crystallography**, we are interested in **developing new insights and tools to study the structure of crystalline materials**. At the moment, I particularly focus on **two-dimensional layers of molecules on graphite**. I use x-ray and neutron scattering techniques to study the structure and dynamics of these systems. Hopefully, this will allow us to **design better two-dimensional molecular materials**.

## WHY RESEARCH?

This prompted me to pursue a PhD in Chemistry. In my current position, I have a great mix of lab work and desk work as well as different challenges everyday.

**"I have always been interested in discovering new things and this was a major driving force behind my choice of science at university."**



## ONE PIECE OF ADVICE...

I will pass on the advice a potential PhD supervisor gave me: have patience! Research is full of dead-ends and false starts and whilst that can be pretty demoralising sometimes with a bit of patience (and hard work!) it will be very satisfying.