

Meriden empowers STEM education through CSIRO program

Meriden is proud to be part of the CSIRO STEM Professionals in Schools Program, a national volunteer initiative that fosters collaborations between schools and industries, integrating tangible STEM (Science, Technology, Engineering and Maths) experiences into the classroom.

The school is delighted to be working with Ms Belinda Zhang, a chemistry enthusiast and PhD student at the University of Sydney, focusing on the photocatalysis of peptides and proteins for her thesis. Ms Zhang has worked for the Australian Federal Drug Laboratory, analysing police drug seizures using techniques including qNMR, gas chromatography, mass spectrometry, chiral electrophoresis and isotope ratio analysis.

Ms Zhang has been instrumental in assisting the school with selecting resources for HSC Biology, enabling students to engage in cutting-edge DNA analysis. Additionally, she serves as a valuable asset for anything related to Chemistry. Her impactful speech at the Science Showcase left a lasting impression on the girls and she also took on the role of judge of the inventions section during the event.



Mrs Alexandra Phillips and Ms Belinda Zhang

Mrs Alexandra Phillips

Science Teacher and Coordinator of Learning Link - Innovation