



Kickstart your career with CSIRO's Industry PhD

Earn your PhD in partnership with industry, a leading university, and Australia's national science agency, CSIRO.

The CSIRO Industry PhD Program (iPhD) is a research training program, focusing on applied research that benefits industry by solving real-world challenges. It aims to produce the next generation of innovation leaders with the skills to work at the interface of research and industry in Australia.

The opportunity

- Admission to a university PhD program
- A four-year scholarship valued at \$47,000 per annum (2025 rate)
- A project expense and development package of up to \$13,000 per annum
- Supervision by CSIRO, an industry partner and the host university
- A 60-day Industry Engagement component with the industry partner
- A structured professional development and training package

Successful students will receive a PhD on completion.

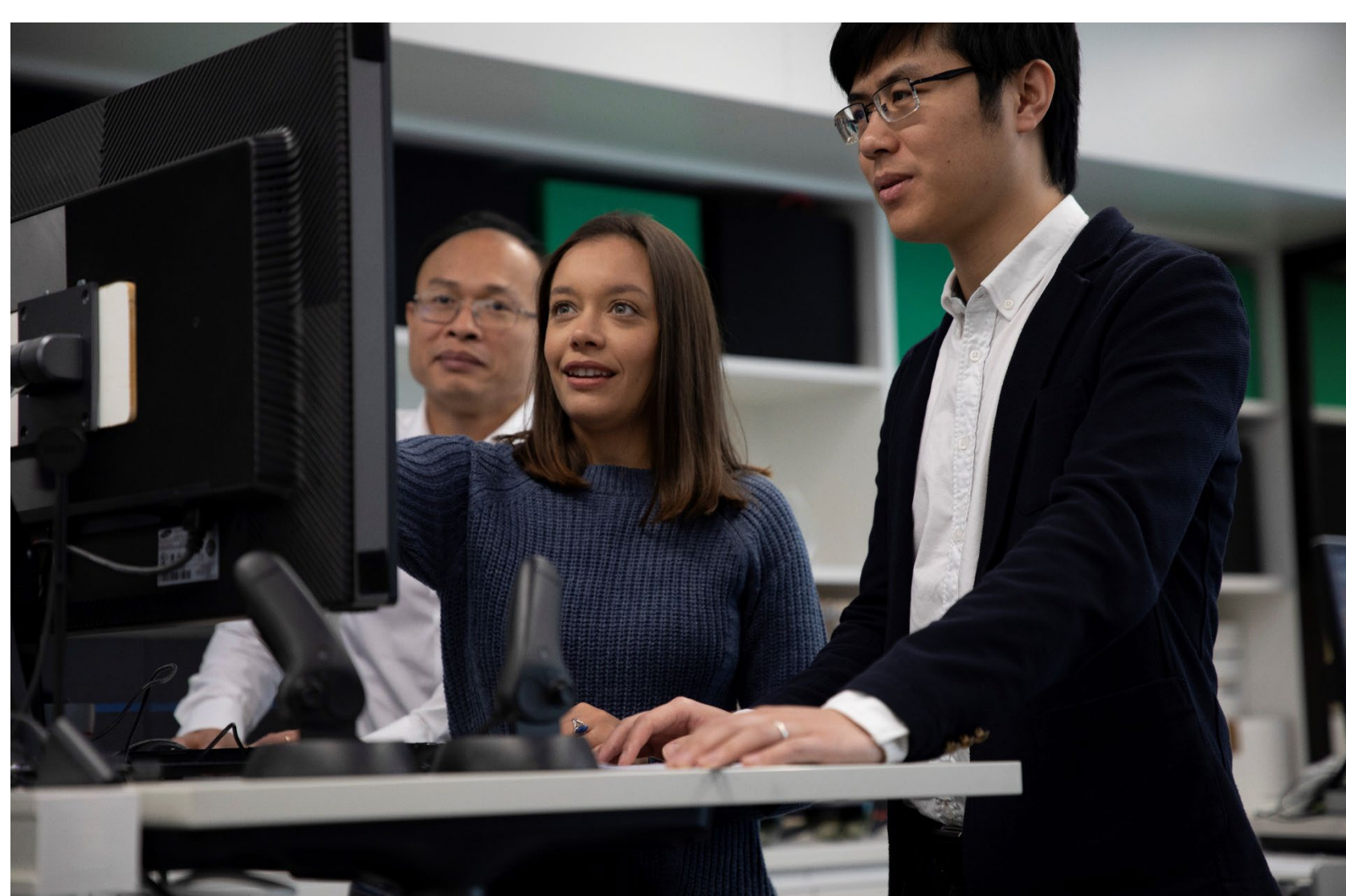
Eligibility requirements

The student must:

- Be an Australian citizen or Permanent Resident, or a New Zealand citizen.
- Meet participating university PhD admission requirements.
- Meet university English language requirements.
- Not have previously completed a PhD.
- Be able to commence the Program in the year of the offer.
- Enrol as a full-time PhD student.
- Be prepared to be located at the project location(s) that the host university has approved and, if required, comply with the host university's external enrolment procedures.

Application process

- Applicants submit an expression of interest (EOI) following the instructions on the university's webpage or directly by emailing the supervisory team. Applications are open until position is filled.
- The EOI is assessed by the supervisory team and shortlisted applicants are interviewed.
- The supervisory team nominates a preferred applicant.
- The application is assessed by the university against PhD admission criteria.
- The university will issue a letter of offer for the program if all conditions have been satisfied.



FOR FURTHER INFORMATION

- Visit the [iPhD website](#)
- Contact the project's supervisory team
- Contact the [iPhD team](#)



Project overview

Towards the direct deposition of printed solar cells for next-generation building-integrated photovoltaic technology

This Project aims to develop semi-transparent electrodes for integration of solar cells into building-integrated photovoltaics (BIPV) products, e.g. glazing, roofing, and cladding. The expected outcome is for new materials and processes for low-cost semi-transparent electrodes to be developed. The potential benefit is to generate sovereign manufacturing opportunities in the energy technology sector.

SUPERVISORY TEAM DETAILS	
Monash University	Prof Jacek Jasieniak Jacek.jasieniak@monash.edu
CSIRO	Dr Dechan Angmo dechan.angmo@csiro.au
BlueScope Steel Limited	Jason Hodges Jason.Hodges@bluescopesteel.com

Ideal student skillset

- Candidates should have a master's degree in one of: Materials Science and Engineering, Physics, Chemistry, Chemical Engineering, Mechanical or Electrical Engineering.
- Candidates must have obtained, or expect to obtain, a degree equivalent to H1 (First Class Honours) degree as per Monash University's grading system.
- Prior knowledge and experience on organic and perovskite solar cells will be highly regarded.
- Materials and opto-electronic characterisation are integral to this project, and experience in these would be favourably regarded.
- Strong communication skills both written and verbal.

PROJECT LOCATIONS	
Primary location	CSIRO Clayton, Research Way, Clayton VIC 3168
Industry Engagement component location	BlueScope Steel, Western Port Bay, Bayview Road, Hastings VIC 3915
Other potential locations	Monash University, Wellington Road, Clayton VIC 3800