



Australia's National Science Agency

# Industry PhD (iPhD) Program

iPhD webinar and student perspectives

13 November 2024



I would like to begin by acknowledging the Traditional Owners of the lands that we're meeting on today.

I pay my respect to their Elders past and present and I recognise their continuing connection and custodianship of the lands, seas, and waters throughout Australia.

I would like to extend this acknowledgement to all Traditional Owners of the various lands on which each of you live and work.





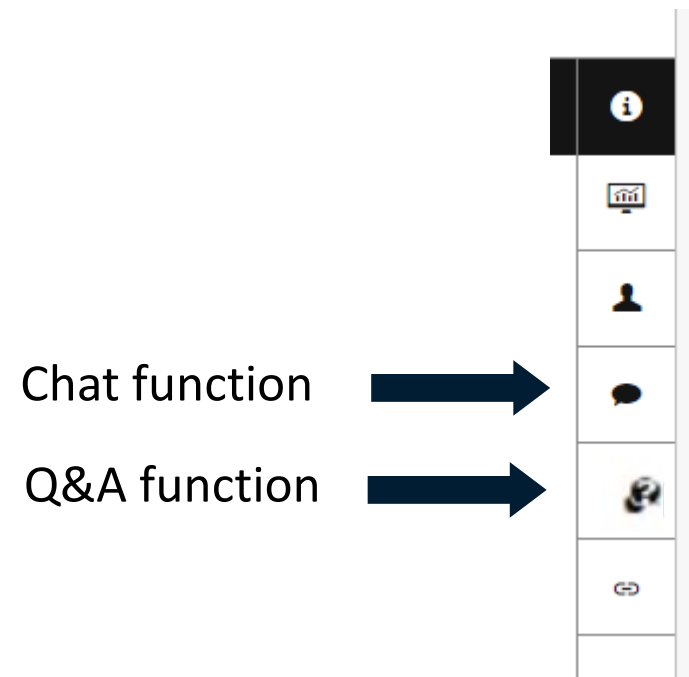
# Welcome



## Agenda

- Program features and benefits
- Student panel discussion
- Q&A

# How to use chat and ask a question



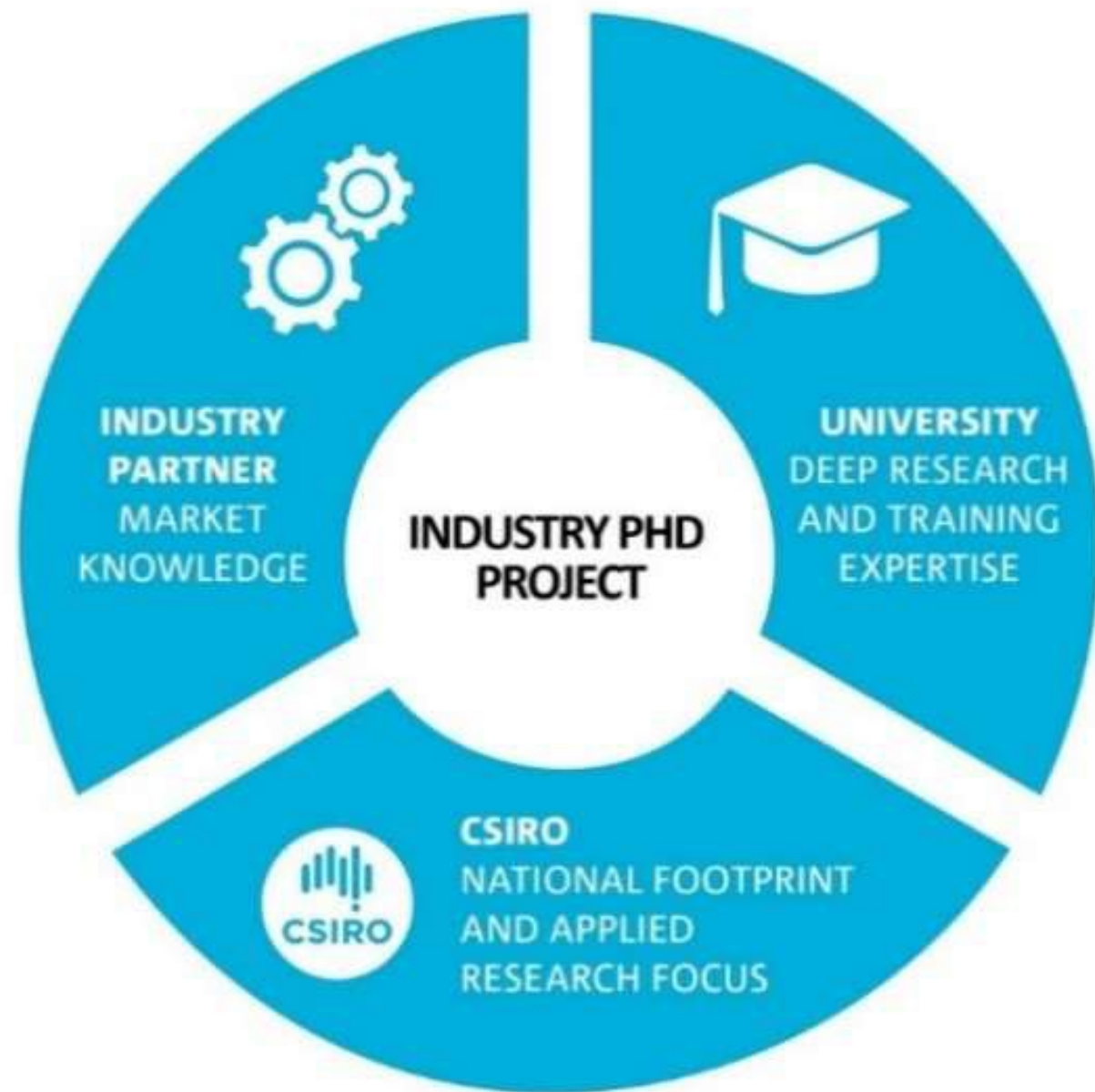
THIS SESSION IS BEING RECORDED AND WILL BE MADE PUBLICLY AVAILABLE



# Overview

The iPhD program brings together an **industry partner**, a **university partner** and **CSIRO** to co-develop and co-supervise an industry-focused PhD project.

We are currently seeking high calibre **domestic** students to grow our industries through research.



# Timeline



## iPhD project development

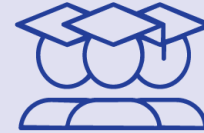
Primary EOI round: Early Feb  
(approx. 35 projects)

Secondary EOI round: Mid-April  
(approx. 15 projects)



## Collaboration agreement

A contract is executed three months  
after application approval



## Student recruitment

The project is advertised, and a  
student is selected, enrolled and  
onboarded



## iPhD commencement

Student supervision is shared between  
university, industry and CSIRO partners



February 2025



February 2026

**Please note: Students are unable to submit EOI. All projects will be openly advertised via the participating university.**



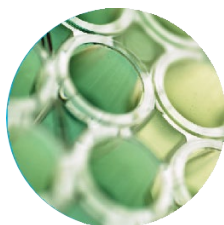
# The iPhD student experience



**Admission** to a university PhD program



**Supervision** by university, CSIRO and industry



Four-year **scholarship package**



Four-year **project expense package**



60-day **Industry Engagement** component



Embedded **professional development and training** program



# iPhD Program funding and support

The CSIRO iPhD Program is funded by the Australian Government and the industry partner for up to four years.

Year	Total scholarship	CSIRO Industry PhD Scholarship	Industry top-up	Project Expense and Development package
<b>2026</b>	<b>\$48,071</b>	\$36,071	\$12,000	\$13,000
<b>2027</b>	<b>\$49,513</b>	\$37,153	\$12,360	\$13,390
<b>2028</b>	<b>\$50,998</b>	\$38,267	\$12,731	\$13,792
<b>2029</b>	<b>\$52,528</b>	\$39,415	\$13,113	\$14,205



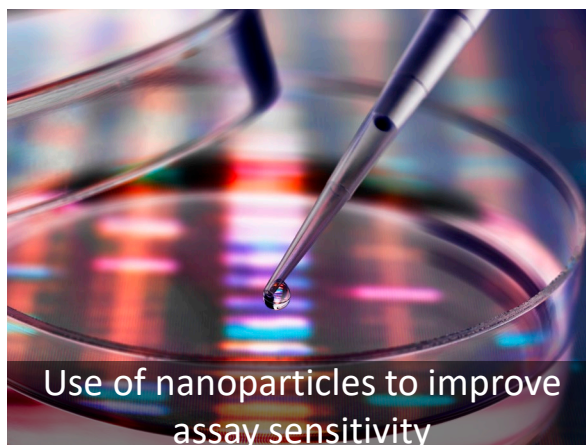


# iPhD embedded industry engagement

- duration of at least 60 days throughout the PhD
- full-time, part-time or in short strategic blocks
- location is the premises of the industry partner
- activities contribute to the development, research and outcomes of the PhD.



# Examples of industry engagement





# iPhD embedded training program

- approximately 20 days of career and professional development across four years
- mostly online and self-pace.





# Student eligibility

- Australian citizen or permanent resident, or a New Zealand citizen
- meet host university PhD admission requirements
- meet university English language requirements
- have not previously completed a PhD
- be prepared to be located at the project location(s).





# iPhD scholarships available

## SA

University	Industry Partner
University of Adelaide	The Australian Wine Institute & Treasury Wine Estates Vintners
University of South Australia	Gelomics Singel Optus Ocean Oils Seeley International

## WA

University	Industry Partner
Edith Cowan University	Nufarm Australia
Curtin University	Mthing Hydrobe InterGrain
Murdoch University	Norwood Systems

## ACT

University	Industry Partner
Australian National University	Sprout Materials Australian Grain Technologies Griffin Honey Brazilian Rare Earths Bellavista Resources Mt Weld Mining

## VIC

University	Industry Partner
La Trobe University	Ezy Chef Technologies
Federation University	Techplus Control System Foton Mobility Distribution Meredith Dairy
Monash University	Dassault Systems BlueScope Steel
Charles Sturt University	Telstra
RMIT	Ritchie Technology Workwear Group
Swinburne University	ARPANSA

## NSW

University	Industry Partner
Macquarie University	PSM Ferrovia Construction ACEN Renewables
University of New South Wales	Nullify Holdings
University of New England	Bioscout
University of Wollongong	TOP Rail Services
University of Newcastle	AGL Macquarie

## QLD

University	Industry Partner
University of South Queensland	Tunstall Australasia
Griffith University	Resinc Solar
The University of Queensland	Wildfire Energy seedEnergy Siemens Healthineers
Queensland University of Technology	Xcel Sodium Gelomics



Scan the QR code to view scholarships

or visit [www.csiro.au/iPhD](http://www.csiro.au/iPhD)



# iPhD project examples

## 3-D food printing of texture modified foods

- **University:** La Trobe University
- **Industry partner:** Ezy Chef Technologies
- **CSIRO:** Agriculture & Food

### Ideal student skills:

- health, food and soft material science
- IT and computer skills
- physical and analytical chemistry knowledge

## Domesticating Australian native bees for use as alternative pollinators

- **University:** Australian National University
- **Industry partner:** Griffin Honey
- **CSIRO:** Agriculture & Food

### Ideal student skills:

- knowledge of bee biology, genetics, and behaviour
- an understanding of bee breeding
- hands-on experience in beekeeping

# iPhD student panel



Nicholas Graham

- **University:** University of Adelaide
- **Industry Partner:** Biosensis Pty Ltd
- **CSIRO:** Health and Biosecurity
  
- **Project title:** Development of protein biomarker assays for Alzheimer's disease in the SAND and ADNeT cohorts.



Stephie Uzice

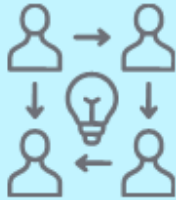
- **University:** Curtin University
- **Industry Partner:** Alcoa of Australia Limited
- **CSIRO:** Environment
  
- **Project title:** Bioelectrochemical organics destruction and caustics recovery from alumina refinery liquor

# iPhD application pathway



## **Submit Expression of Interest**

Email the university supervisor listed or follow the instructions on the university webpage



## **Attend interview**

If shortlisted, attend an interview with the supervisory team



## **Submit formal application**

If successful, apply for the position following the university's instructions



## **Accept letter of offer**

If admission criteria is met, accept university's letter of offer





# iPhD student benefits



Greater impact with industry relevant research



Access to specialised expertise, equipment and training



Strengthen knowledge in innovation and translation of research



Boost employability and broaden future career opportunities



Develop networks with industry, university and CSIRO



Grow professional skills such as communication, teamwork, management and organisational skills



# Next steps



Scan the QR code to view  
available scholarships

[iPhD@csiro.au](mailto:iPhD@csiro.au)

[www.csiro.au/iPhD](http://www.csiro.au/iPhD)

