

## **ACGR Industry** Engagement initiatives 2025

### ACGR 2025

**Professor Carolin Plewa** The University of Adelaide



## Strategy

### HDR Strategy

- Institutional commitment and shared goals
- Influences financial planning

### **Performance Considerations and Metrics**

- For Faculties
- For individual supervisors
  - Planned internships
  - Completed internships
  - Per year and over a 5-year period

Research Internships	Planned	Completed						
		2020	2021	2022	2023	2024	Total	Average
Principal Supervisor	0	0	0	1	0	2	3	0.6
Co-Supervisor	0	0	0	1	0	1	2	0.4
Total	0	0	0	2	0	3	5	1

# Research and innovation future makers

The University of Adelaide's HDR pathways will support graduates to create their own paths, build a collaborative future, and achieve unrivalled impact.

### Research impact through research excellence and engagement

The future of research and innovation lies in the hands of the researchers we inspire and train now. It is they who will help shape the future of our society, economy, culture, and environment. It is they who will educate future researchers.

The University will maintain a sharp focus on **research excellence** and meaningful contributions to knowledge.

Simultaneously, our engagement with external partners such as businesses, governments, non-governmental organisations, communities, and community organisations will increase to become an integral part of all HDR experiences, with a clear focus on the important impact of research.

We will:

- embed engagement-focused learning into all our research training programs
- reconsider program learning outcomes and related assessments
- establish research internships as an integral element of our PhD program
- increase the number of industryembedded research training opportunities
- develop an HDR Industry Engagement Community of Practice and ambassador network.

### Research entrepreneur pathway

Undertaking research at the cutting edge of knowledge opens many doors, including opportunities to start a business.

Embedding entrepreneurially-minded HDRs into the University's flagship business incubator, ThincLab—and the state's thriving entrepreneurial community and innovation precincts—will offer unique opportunities for HDRs to embrace and develop entrepreneurial mindsets and skills.

For those who want to not only complete their HDR but also build a business and a future as an entrepreneur or intrapreneur, we will:

- develop a Research Entrepreneur Pathway as part of our research training programs
- embed HDRs in ThincLab and the state's thriving entrepreneurship communities and support systems
- encourage an entrepreneurial mindset and skills broadly across the HDR cohort and in HDR supervisors.

### Future careers

Given the growing diversity of roles in the workforce open to research graduates, it's vital that we offer more opportunities for our HDRs to improve their readiness for academic (education and research) and non-academic careers. This will include greater access to career guidance and mentoring.

### We will:

- facilitate learning opportunities that advance readiness for a diversity of career options
- offer career mentoring specific to HDR graduates.

### What will change?

### We will:

- embed engagement and impact-focused learning as a core element of all HDR experiences
- develop and support unique entrepreneurial opportunities through a new Research Entrepreneur Pathway
- advance career readiness, planning and support for all HDRs.

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## **People & Organisational Capacity**

Leadership and academic staff profile

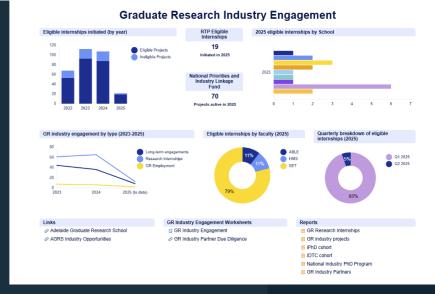
### **Dedicated specialists focused solely on HDR**

- Professional staff team dedicated to HDR industry engagement; specialised roles  $\bullet$
- Promoted as central support team for all HDR industry engagement  $\bullet$
- Dedicated Graduate Research Industry Engagement Dashboard ullet

### Connected with other industry engagement and business development areas

- Industry Partnerships Coordination Group & Industry Engagement Network  $\bullet$
- Enterprise Relationship Management System  $\bullet$
- Advisory boards University-wide





- Australian HDR Industry Engagemen Australian Community of Practice



## **Drivers and Enablers**

### Culture

### Induction, milestones, awards, celebrations ....



MTPCONNECT DELIVERS SUCCESSFUL FIRST YEAR OF PILOT BIOMANUFACTURING INDUSTRY DOCTORAL TRAINING CENTRE PHD+ PROGRAM

### **Communities**

- HDR community •
- Partner community ullet
- Supervisor peer community ullet

Royal Agricultural & Horticultural Society of SA 433 followers 1mo • 🕤

Celebrating the 2024 Philip Laffer Royal Adelaide Wine Show Bursary Winners!

The Royal Adelaide Wine Show Committee, through the Show Society Foundation, is proud to award Eleanor Bilogrevic and Kate Henderson as joint winners of the 2024 Philip Laffer Royal Adelaide Wine Show Bursary!

Sharing \$5,000, these talented University of Adelaide students are making strides in the wine industry.

Eleanor, a PhD student researching No-and-Low Alcohol wines, said: "This opportunity will expand the scope of my research and support innovation within the sector."

Kate, a Masters student exploring non-traditional red grape varieties, shared: "I hope this research helps the industry gain insight into more sustainable grape varieties."

Now in its third year, the bursary honours Philip Laffer AM and his contributions to the RA&HS and the Royal Adelaide Wine Show. Entries for the 2025 Royal Adelaide Wine Show open Friday, May 9, with bursary applications to follow later this year!



### **Carla Gallasch Accepted into National** Industry PhD Program



The project expands our preclinical development pipeline to develop a new vaccine against non-typeable Haemophilus influenzae.



### Adelaide, Australia, 8th August 2023

GPN Vaccines is pleased to announce our recent success in the Australian Government's National Industry PhD Program. The funding secured by the University of Adelaide's Dr Erin Brazel, PhD student Carla Gallasch, and GPN Vaccines will support Carla to take part in the National Industry PhD Program in a joint project with GPN Vaccines and the University of Adelaide.



## **Support Structures - Candidates**

### Support service

- Single contact point and support team  $\bullet$
- Professional Development (through Career and Research Skills Training, CaRST)  $\bullet$

### **Specific to internships**

- facilitated through scholarship extension for eligible research internships  $\bullet$
- integrated into regular candidature milestones for PhDs  $\bullet$
- recognised on academic transcript  $\bullet$
- dedicated preparation through CaRST  $\bullet$
- ongoing support across all touchpoints  $\bullet$
- close-out ightarrow



## **Support Structures - Supervisors and Partners**

### Support service all

- Support development of related grants and opportunities ullet
- Facilitate the global recruitment and onboarding of candidates ullet
- Oversee contract management and project administration across the lifetime of ulletthe research program

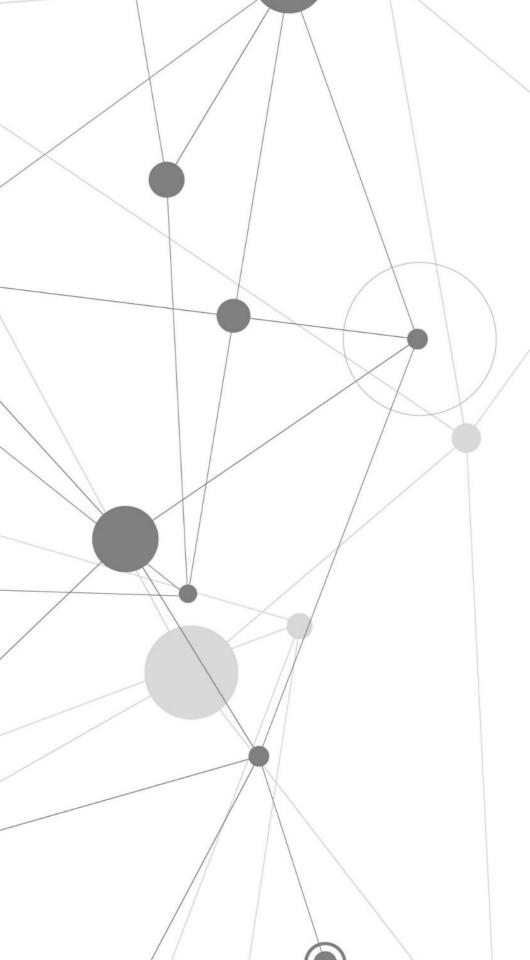
### Supervisor development

- For supervisors as part of supervisor professional development ullet
- For EMCRs as part of the Developing Positive Partnerships Program •

### Support of Faculties



## **Innovation and Impact**



## International Example

Home > Innovation > ASELSAN Academy Graduate Education Program

# ASELSAN Academy Graduate Education Program

https://www.aselsan.com/en/innovation/aselsan-academy / https://www.uiin.org/wp-content/uploads/2024/03/Case-study\_ASELSAN-Academy.pdf







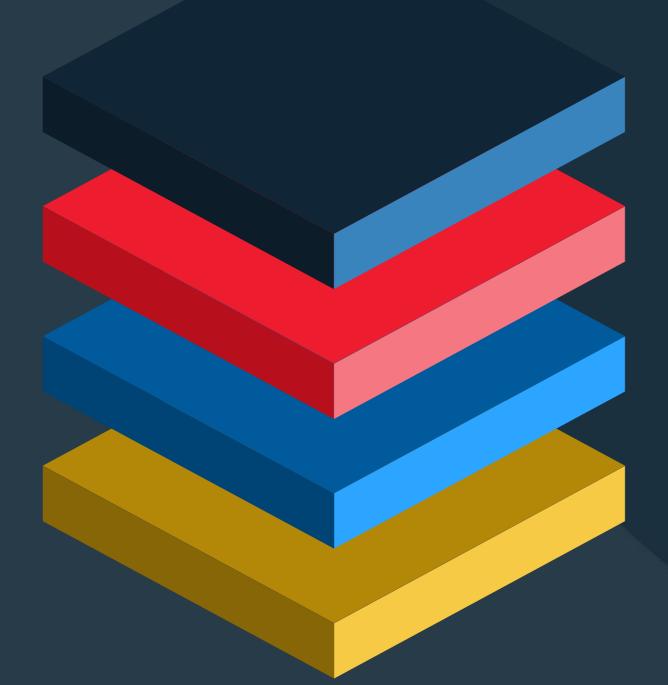
make history.

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CRICOS 00123M

## Industry Doctoral Training Centre Pilots

### industrial application of quantum technologies biomanufacturing



State's major universities

Scholarship co-funded by industry partner,

and research translation

https://industry.sa.gov.au/critical-technologies/case-studies/idtc

- South Australian Government partnership with the
- Community of researchers, graduate researchers and industry embedded in innovation ecosystem
- government and university; industry co-supervision
- PLUS Program interactive learning sessions to build community and connections, knowledge, leadership

