



Curtin University



# GRADUATE RESEARCH

Higher degrees by research at Curtin

Make tomorrow better.

[research.curtin.edu.au](https://research.curtin.edu.au)

If you're thinking about undertaking a higher degree by research (HDR), consider getting in touch with Curtin's Graduate Research School (GRS).

The GRS is a support service for HDR students and their supervisors. We promote best practice in all aspects of postgraduate research, policy and strategy, and are responsible for HDR student administration.

We can offer you advice and support on:

- lodging an HDR application
- scholarships
- opportunities for professional development and training
- making the most of your time as a HDR student.

## Types of research degrees

Curtin offers two types of research programs in most study areas

### Master of Philosophy

**Duration:** 2 years full-time or part-time equivalent

**Intake:** Anytime

### Doctor of Philosophy (PhD)

**Duration:** 4 years full-time or part-time equivalent

**Intake:** Anytime

At least two-thirds of these degrees must be pure research. Although you may need to complete some coursework units, the major part of the work will be in the form of a thesis written under the guidance of a supervisor.

## Why do a research degree?

### Move up the career ladder

A research course can add new or specialist skills and knowledge to your repertoire. It can also prepare you for a career in research and academia.

### Specialise in your chosen field

At least two-thirds of a research program must involve research. It is a chance for you to pursue a specialist area in your field and build knowledge in your profession.

### Challenge yourself

Research degrees are challenging, but they're also intellectually stimulating and highly rewarding.

### Did you know?

Research master degree and PhD graduates in all major sectors all reported a median salary of A\$80,000 or more in the latest Postgraduate Destinations Survey by Graduate Careers Australia.

"For me, undertaking a PhD is part of my continuing education and will help to keep me at the leading edge of my field."

Tin Fei Sim

Doctor of Philosophy – Pharmacy

"I wanted to continue my studies in research so that I could make a difference to people in Australia and across the world."

Rhys Cransberg

Doctor of Philosophy – Biomedical Sciences



# Why Curtin?

*Applied research focused on solving real-world problems.*

## Research performance

In the 2014 Academic Ranking of World Universities, Curtin rose more than 100 places to be positioned in the top two per cent of universities worldwide.

## Collaboration with people and industry

Powerful collaboration with academic, industry, government and community groups will aid your research, which can result in outcomes that greatly benefit the broader community locally, nationally and globally.

## Excellent facilities and resources

We understand that to undertake high-quality research, staff and students need access to high-quality research infrastructure. At Curtin, we offer enhanced learning environments, widespread access to technology, and research spaces to respond to the changing needs of higher education delivery.

Our research-specific facilities include the Curtin Resources and Chemistry Precinct, the Curtin Health Innovation Research Institute (CHIRI) – Biosciences, the Hub for Immersive Visualisation and eResearch (HIVE), the Trace Research Advanced Clean Environment (TRACE) Facility, the Curtin Institute of Radio Astronomy and the Bankwest Curtin Economics Centre.

We also have access to major supercomputing facilities and have recently established the Curtin Institute for Computation and the Cisco Internet of Everything, a research collaboration centre between CISCO, Curtin University and Woodside Energy.

**“I have the opportunity to work with great people and well-known researchers worldwide. The facilities here are unbelievable. We are talking about 20 to 30 million dollar facilities – with equipment you that you never expect to be able to use on a daily basis.”**

Laura Machuca Suarez

Doctor of Philosophy – Applied Chemistry

The HIVE

# About research at Curtin

*Our areas of strength*

Curtin's research strengths are concentrated around three broad themes:

## Minerals and energy

Curtin's research in minerals and energy is aimed at maximising existing resources and developing innovative technological solutions to address future needs. Research groups from across the University undertake both fundamental and applied research in resource exploration, extraction and processing; the development of new materials; energy sources and fuel technologies; mineral and energy economics and policy; and the impact of mining on remote communities.

**Web:** [research.curtin.edu.au/about/minerals-energy](http://research.curtin.edu.au/about/minerals-energy)

## ICT and emerging technologies

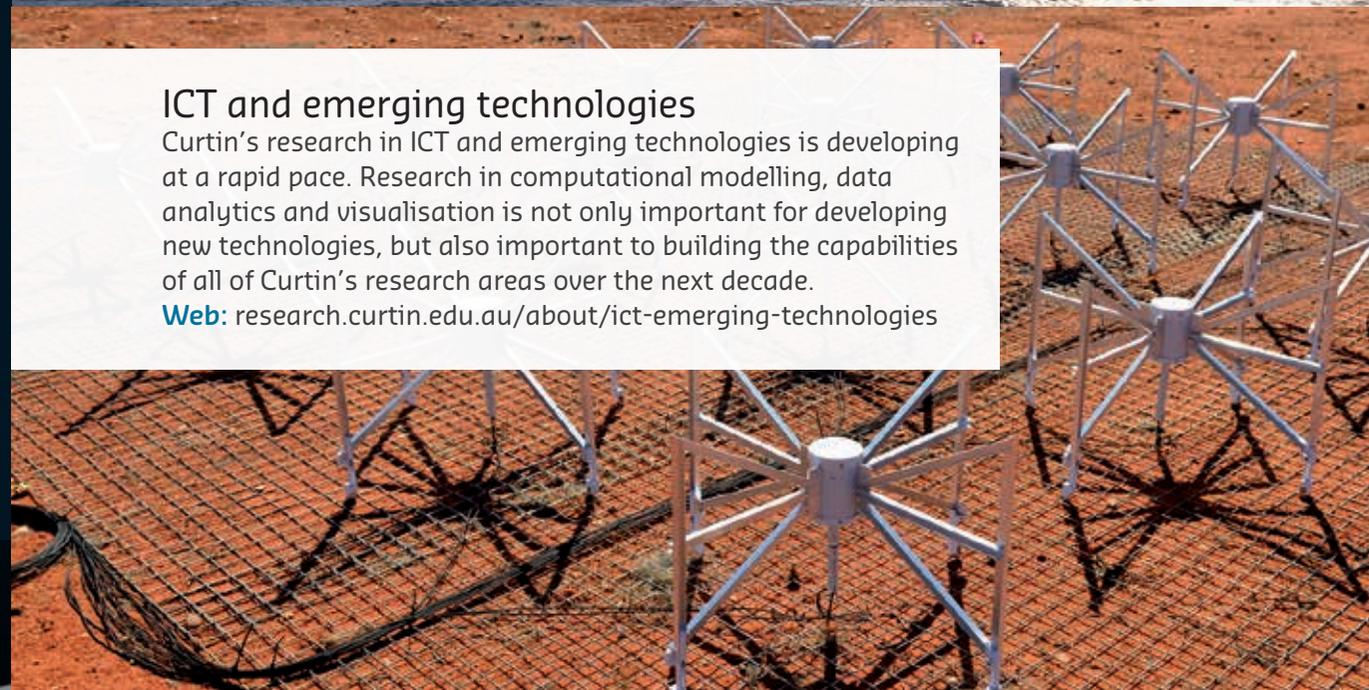
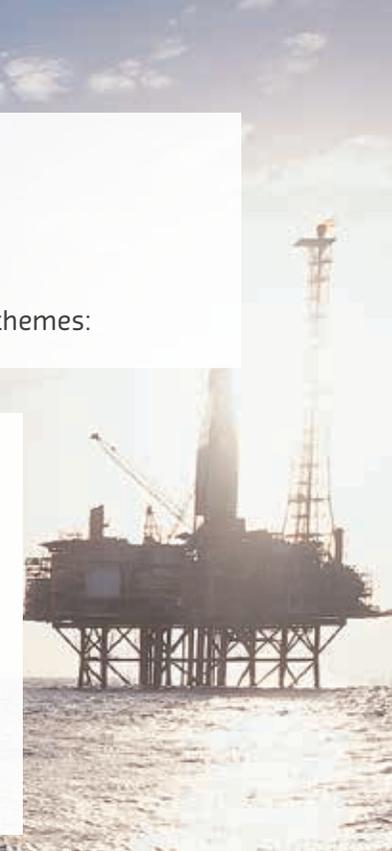
Curtin's research in ICT and emerging technologies is developing at a rapid pace. Research in computational modelling, data analytics and visualisation is not only important for developing new technologies, but also important to building the capabilities of all of Curtin's research areas over the next decade.

**Web:** [research.curtin.edu.au/about/ict-emerging-technologies](http://research.curtin.edu.au/about/ict-emerging-technologies)

## Health

Curtin is the largest and most comprehensive provider of health sciences research in Western Australia. With a wide breadth of research activity, our health research works across many disciplines and out into the community, it is a place where bright minds come together to find innovative solutions to the world's greatest health challenges.

**Web:** [research.curtin.edu.au/about/health](http://research.curtin.edu.au/about/health)





## About Perth

*Safe, prosperous, multicultural*

### Beautiful weather and cosmopolitan lifestyle

In 2014, Perth ranked as one of the world's top 10 most liveable cities by The Economist Intelligence Unit.

As the capital of Western Australia, it is a vibrant and multicultural city. With all the advantages of a modern and developed city, Perth is a place full of exciting opportunities for learning, shopping and exploring the vast nature reserves of Western Australia.

### Located in the most populous time zone

Since Perth is located in the same time zone as cities like Hong Kong, Singapore, Beijing and Kuala Lumpur, it is easy to stay in touch with your loved one while you study. Alternatively, why not catch the next flight home? Perth's international airport is well served by flights connecting the region with the world.

### A strong, prosperous economy

Western Australia's economy has set the benchmark for other Australian states for many years. Perth residents and visitors are often able to take advantage of a number of employment opportunities. International students are permitted to work up to 40 hours per fortnight on their student visas.

## How to apply

### Before you apply

Contact a potential supervisor or the postgraduate coordinator in your chosen study area to:

- Determine your eligibility.
- Coordinate the availability of supervisors and facilities.
- Determine the suitability of your proposed research topic.

A full list of qualified supervisors is available on the GRS website.

**Web:** [research.curtin.edu.au/postgraduate/about/register-supervisors](http://research.curtin.edu.au/postgraduate/about/register-supervisors)

For assistance and course-related information contact the GRS.

**Tel:** +61 8 9266 3337

**Email:** [GRS.FutureStudents@curtin.edu.au](mailto:GRS.FutureStudents@curtin.edu.au)

### Scholarships

The GRS manages a number of scholarships for international research students. To find out more visit our website or email us.

**Web:** [curtin.edu/grs/scholarships](http://curtin.edu/grs/scholarships)

**Email:** [research\\_scholarships@curtin.edu.au](mailto:research_scholarships@curtin.edu.au)

### Prepare your application

You will need to provide Curtin with:

- Information about all previous tertiary studies you have undertaken.
- A curriculum vitae (CV).
- A one-to-two page research proposal that outlines your proposed research topic.

For research proposal guidelines and CV template, visit the GRS website.

**Web:** [curtin.edu/grs/apply-overview](http://curtin.edu/grs/apply-overview)

### Submit your application

You can submit your research application online as an e-Application.

Visit the GRS website and follow the steps outlined in the Admission Process page.

**Web:** [curtin.edu/grs/apply-process](http://curtin.edu/grs/apply-process)

Note: You **must** upload all application documents when lodging an e-Application.

Any applications lodged without supporting documents cannot be assessed.



# CONTACT

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CRICOS Provider Code 003011