



# Start your research career with ECU's Centre for Precision Health

**Join a thriving research culture of like-minded and curious people to develop unique sought-after skills such as genotyping, next-generation sequencing and bioinformatics.**

## **Why study a Research Masters degree?**

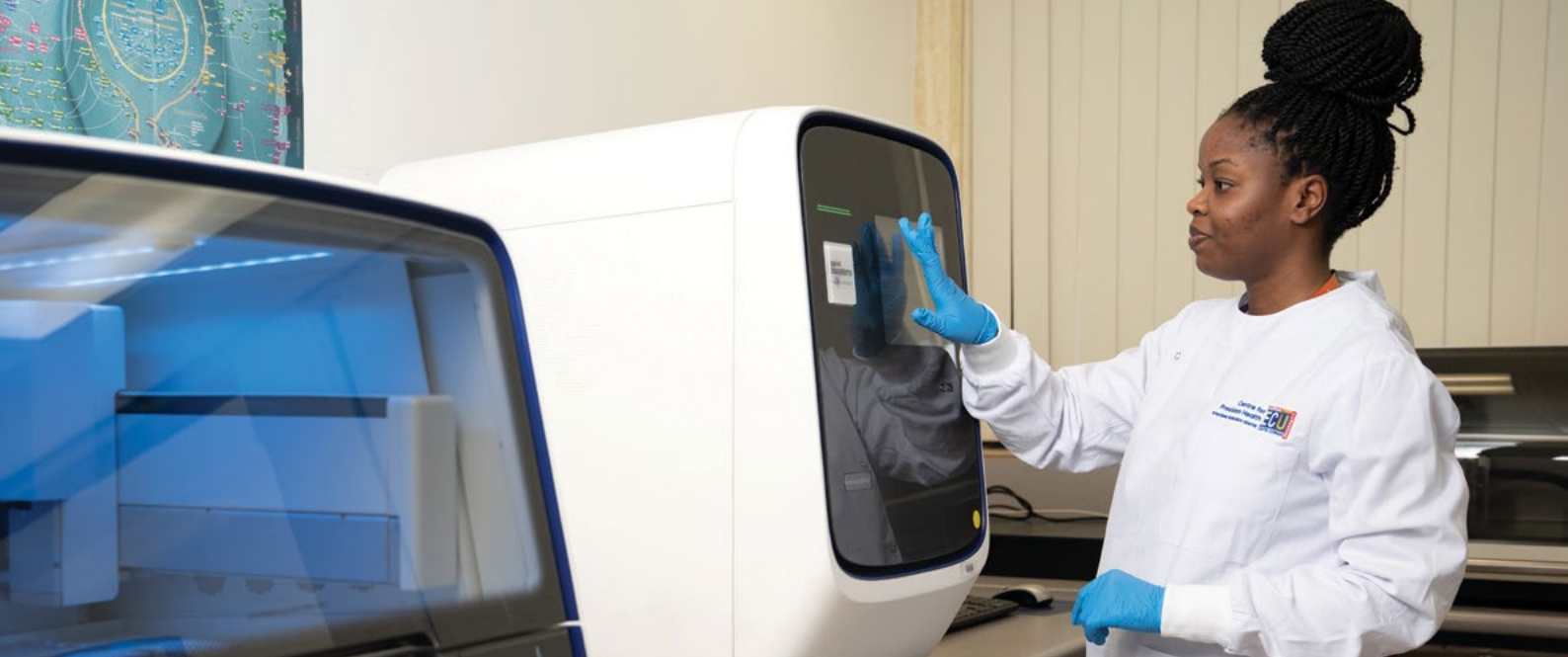
Our research masters will extend your knowledge and provide advanced-level study in your chosen specialisation. It will also develop you as a leader within your profession and open new areas for professional development and future research studies.

This degree can set you on a path to a science or industry-based career or pave the way to higher-level PhD research studies.

Your career options could include:

- Research institutions (e.g. cancer institutes, medical research institutes)
- Universities
- Research laboratories
- Hospitals
- Government
- Private industry (e.g. pharmaceuticals, medical devices, healthcare, biotech)

Importantly, many medical and health professions require you to have a Masters degree to progress.



## About the course

Our Master of Medical and Health Science by Research can be studied full-time over 2 years, part-time for longer, or online, provided your chosen project is feasible online.

It has two components: course work and production of a research thesis.

In the coursework component you'll learn research skills, methods and statistics to assist in the completion of your research thesis.

The thesis component allows you to complete an in-depth investigation of a specific research question within your chosen field.

The thesis will be supervised by experienced and talented researchers within the Centre for Precision Health, as well as enable you to engage with industry and other partners to enhance research translation.

Your learning outcomes:

- Apply cognitive, laboratory and creative skills to investigate complex medical, biomedical, or health science constructs, ideas and issues by undertaking and evaluating research activities
- Apply advanced data analytics and statistical methodologies to interrogate complex datasets
- Apply communication and collaboration skills to present findings, collaborate with diverse audiences and justify conclusions in professional contexts
- Reflect critically on a complex body of medical, biomedical, or health science knowledge, research principles and methods to demonstrate mastery in the field
- Use high-level self-management skills and independent judgement to plan and execute a substantial research project



## No tuition fees

If you're a domestic student enrolled in a Higher Degree by Research program like this course, you won't be required to pay tuition fees.

The Australian Government provides tuition fee offsets under the Research Training Program for up to 2 years full-time (or equivalent) for Master by Research courses.

All other non-tuition fees applicable to your course, such as the Student Services and Amenities Fee and any fees for incidental goods or services required to complete any of your units need to be paid by you.

Please note international students are still required to pay course tuition fees.



More about the Master of Medical and Health Science by Research.



## The Centre for Precision Health

The Centre for Precision Health is a leading ECU Strategic Research Centre that aims to develop precision health solutions to predict an individual's risk for disease, as well as progression rate and response to treatment in vulnerable community members living with:

- Neurological conditions (Alzheimer's disease, dementia and other neurological conditions)
- Cancer (Melanoma, lung cancer and other cancers)
- Suboptimal Health (a preclinical state that may lead to Type 2 Diabetes, Cardiovascular disease and other chronic conditions)

When you join the Centre as a research student, you'll be part of a thriving research culture where you'll be supervised and mentored by researchers with proven track records for engendering high-calibre graduates with timely and excellent thesis outcomes.



More about the Centre for Precision Health.

## Current project opportunities

As a research student, you'll be involved in cutting-edge research projects with significant academic and industry networking opportunities, as well as grant and professional development opportunities.

### Neurological conditions

Projects on genetics in Alzheimer's disease, gene-lifestyle interactions and other neurological conditions.

**Contact: Professor Simon Laws ([s.laws@ecu.edu.au](mailto:s.laws@ecu.edu.au))**

### Cancer

Projects in immunotherapy, uveal melanoma, non-melanoma skin cancers, and other cancers.

**Contact: Professor Elin Gray ([e.gray@ecu.edu.au](mailto:e.gray@ecu.edu.au))**

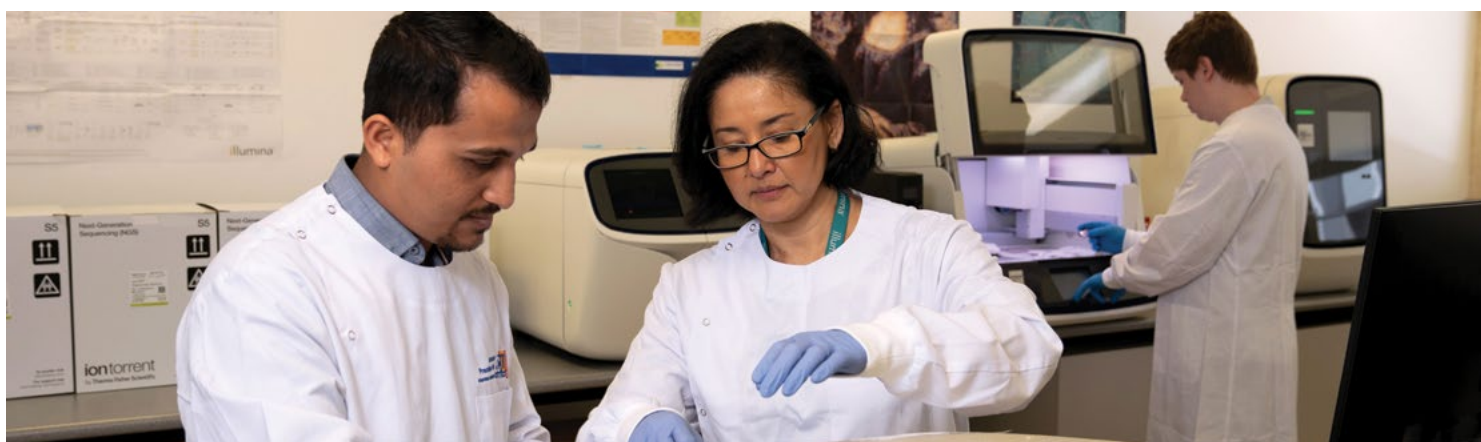
### Suboptimal Health

Projects on the human IgG Glycome, Crohn's disease and chronic disease assessment.

**Contact: Professor Wei Wang ([wei.wang@ecu.edu.au](mailto:wei.wang@ecu.edu.au))**

## Thinking about applying?

To apply for a Masters by Research (J90) with the Centre for Precision Health please contact one of the above supervisors to discuss a potential thesis project.





### Further Information

[ecu.edu.au/courses/J90](http://ecu.edu.au/courses/J90)

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 CPH\_ECU