

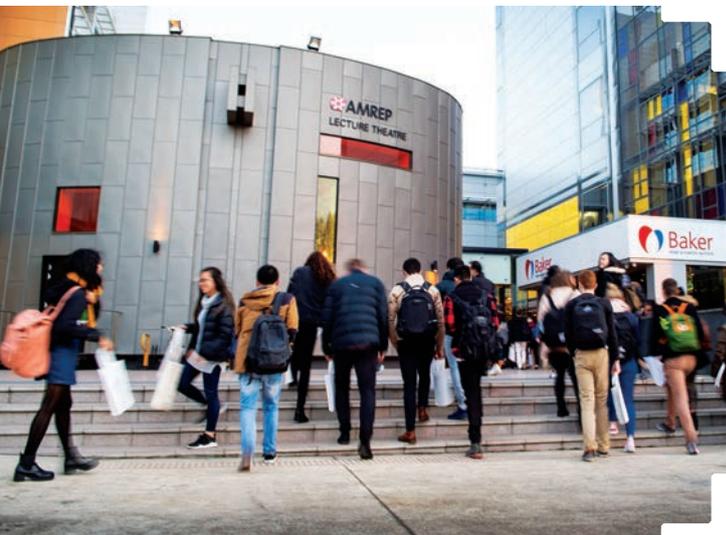


**Alfred  
Research  
Alliance**

New thinking.  
Real impact.

# LAUNCH YOUR CAREER

at the Alfred Research Alliance



“ If you want to positively contribute to preventing, treating or curing human disease, illness and injury, the Alfred Research Alliance is the place for you ”

## Build your career on a strong foundation

**Alfred Research Alliance is a vibrant community dedicated to excellence in research and education, and to translating our research into improved diagnoses, treatments and disease-prevention strategies that meet critical unmet clinical and public health needs.**

Located in the heart of Melbourne, the Alliance is an exciting multi-layered collaborative community which is home to some of the world's leading research, teaching and health services organisations with experts in almost every field of biomedical, translational, clinical and public health research, and in education and healthcare.

Our research strengths include:

- Blood Diseases and Cancer
- Cardiovascular Disease
- Diabetes and Obesity
- Epidemiology and Public Health
- Infection and Immunity
- Mental Health and Neuroscience
- Nursing and Allied Health
- Trauma, Critical Care and Perioperative Medicine

Within these broad areas, our researchers excel in a wide range of areas from metabolomics, bioinformatics, cancer and immunotherapy, to ophthalmology, psychology, respiratory medicine, preventive medicine, rehabilitation and health services research.

Central to the Alliance is The Alfred, one of Australia's busiest hospitals, which links our research directly to clinical problems and keeps us people-focused and outcome-driven. Together with our strong translational research focus and collaborative environment, this is a real, tangible point of difference which will allow you to optimise your learning and strengthen your research, right here on site.



1

Hospital



3

Universities



2

Medical research institutes



2

Biomedical SMEs



8000+

Staff & students



1500+

Researchers



1100+

Postgraduate students



## Individual excellence, collective strength

The members of Alfred Research Alliance are recognised leaders in their fields. Each organisation contributes distinct skills, expertise and perspectives while encouraging the sharing of skills, technology and knowhow. This allows our members to consistently attract and retain vital funding and talent. They include:

- Alfred Health
- Monash University (Central Clinical School and School of Public Health & Preventive Medicine)
- Baker Heart and Diabetes Institute
- Burnet Institute
- La Trobe University (Alfred Health Clinical School)
- Deakin University
- Nucleus Network
- 360biolabs

The facilities and services you'll find at the Alliance are world standard. Shared library, seminar and teaching facilities provide a vibrant environment for learning and innovation. The ability to share research facilities and resources ensures you have access to the latest technologies to achieve the outstanding results which lead to publication, grants and career opportunities – and, most importantly, to improved community health outcomes.

**“Our excellence in connecting  
research and clinical care ensures  
new thinking has real impact”**



# Translating research into practice

High quality, translational research is a feature of the Alfred Research Alliance. We take new discoveries from knowledge creation in fundamental research, right through into clinical practice and actively foster collaboration because we know it enables us to 'solve the unsolvable' and bring new interventions to patients more quickly.

Here are some key areas that set the Alfred Research Alliance apart:

- Co-location with The Alfred provides a clinically diverse setting that supports patient-centred research.
- Public health research and unsurpassed collection of clinical registries mean we can follow the impact of specific interventions on health outcomes, at both clinical and community levels, over time.

**“ Being able to observe both clinical and non-clinical research has helped me understand the translational potential of my own research ... and enhanced the impact it will have**

Lakshanie Wickramasinghe, Translational PhD Candidate,  
Monash University CCS

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- Health services research improves the delivery of a range of services, ensuring better outcomes for patients.
- Clinical trials capacity gives us the depth and breadth of expertise to translate our discoveries into new interventions on-site.
- Start-ups and SMEs on site provide opportunities to experience biomedical commercialisation and clinical trials (phase I-IV).

It's a complete, translational research loop, all on one busy and exciting site in the heart of Melbourne... and that helps make us unique in the biomedical research space.

## Study and life at Alfred Research Alliance

**You want to lay great foundations for your future career, but it's equally important to enjoy where you study and work. The Alfred Research Alliance strikes the perfect balance.**

**“ It's exciting to be at the Alfred Research Alliance, where each student is provided with the best chance to flourish and grow into one of tomorrow's leading researchers**

Reece Cossar, PhD Candidate,  
Burnet Institute

”

Our member universities provide outstanding undergraduate and postgraduate opportunities within a flexible collaborative network that enables you to work nimbly from biomedical discovery, through translational development and clinical research.

More than 1100 postgraduate students study here, enjoying opportunities to engage with colleagues, community, public health agencies, and enjoy national and international collaborations – as well as a busy social calendar.

Student committees organise initiatives from monthly pizza nights, to seminars featuring local, national and international speakers and an annual retreat for postgraduate students. There's also an EMCR Committee to ensure a smooth

transition from study into your early career. You'll have access to gym facilities on site and, if you need childcare, there are high quality options for looking after your little ones.

The icing on the cake is our location. The precinct looks across Commercial Road to beautiful Fawkner Park, with its great running tracks and sporting grounds. Hop on a tram to Southbank or Melbourne city, stroll to Albert Park Lake and Melbourne Sports & Aquatic Centre, or wander the other way to busy Prahran Market and Chapel Street, Melbourne's food and fashion hub.

“ The Alfred Research Alliance is a supportive environment where student wellbeing and enjoyment is prioritised. It’s great to make strong connections, not just within my own organisation, but across the precinct

Jessica Marshall, PhD Candidate - Molecular Metabolism and Ageing, Baker Institute

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## What can I study at the Alfred Research Alliance?

### Undergraduate degrees

Monash University, Deakin University and La Trobe University offer undergraduate courses including immunology, pathology, medicine, public health, health sciences, biomedical science, nursing and allied health. Contact these universities directly for more information.

### Honours and postgraduate degrees

Monash University, Deakin University and La Trobe University offer honours and postgraduate degrees which you can do either at the host institution or at affiliated organisations like The Alfred, Baker Heart and Diabetes Institute and the Burnet Institute.

The ability to be supervised by experts from one or more of these organisations is another hallmark of the genuine collaboration we enjoy across the precinct... and the unique learning environment which is a key benefit of studying at the Alfred precinct.

Most postgraduate students here are studying towards Masters, PhD and other doctorates, with others enrolled to do Graduate Diplomas. The vast majority are enrolled at one of our member universities, but students from other universities also undertake postgraduate studies here.

### Scholarships and funding

A wide range of scholarships, top-ups and awards are available to students studying at the Alliance. Most of these are offered through our partner universities and research institutes. Details can be found on their websites.

Students may also apply for Alfred Research Alliance Honours Scholarships, which are awarded annually based on academic achievement. Find out more by visiting [alfredresearchalliance.org.au](http://alfredresearchalliance.org.au) and clicking through to 'Education/Honours Programs'.



# Postgraduate courses at Alfred Research Alliance

## Monash University School of Public Health and Preventive Medicine

- Doctor of Philosophy – Monash Doctoral Program
- MBBS – Doctor of Philosophy
- Master of Philosophy
- Master of Biostatistics
- Master of Health Services Management (multi-modal)
- Master of Health Administration (online)
- Master of Public Health (multi-modal)
- Master of Public Health (online)
- Master of Forensic Medicine
- Master of Clinical Research
- Master of Clinical Medicine
- Master of Occupational and Environmental Health
- Graduate Diploma in Biostatistics
- Graduate Diploma in Health Services Management
- Graduate Certificate in Health Services Management
- Graduate Diploma of Occupational and Environmental Health

## Monash University Central Clinical School

- Doctor of Philosophy – Monash Doctoral Program
- PhD – Translational Research – offered with the other Clinical Schools at Monash
- PhD in areas including: diabetes, gastroenterology, neuroscience, surgery, medicine psychiatry, sexual health
- MBBS – Doctor of Philosophy
- Master of Biomedical and Health Sciences
- Master of Biostatistics
- Master of Medicine
- Master of Surgery
- Graduate Certificate in translational research

## Deakin University - Centre for Quality and Patient Safety Research in partnership with Alfred Health

- PhD and Masters degrees in areas including: patient safety, health service evaluation, clinical decision making and integrated knowledge translation
- Master of Nursing Practice – advanced clinical practice – speciality practice: cardiac care, critical care, intensive care, interventional cardiology, emergency care and perioperative nursing
- Master of Nursing Practice (Nurse Practitioner)

## La Trobe University - Alfred Health Clinical School in partnership with Alfred Health

PhD, Clinical Doctorate and Masters degrees in nursing and allied health practice, including:

- Non-pharmacological management of chronic lung disease
- Neurological rehabilitation
- Time-critical interventions
- Translation of research into practice
- Master of Nursing Science

## Baker Heart and Diabetes Institute

PhD, Masters and Honours degrees in research including:

- Atherothrombosis
- Cardiac hypertrophy
- Diabetes and population health
- Heart failure
- Lipids and disease
- Immunometabolism
- Metabolic and vascular physiology
- Metabolomics
- Oxidative stress preclinical disease and prevention

## Burnet Institute

PhD, Masters and Honours degrees in areas including:

- HIV entry and replication
- HCV virology and immunology
- Autoimmune disease and cancer
- Malaria
- International health including tuberculosis
- Drug misuse
- Sexual health
- Modelling in infectious diseases
- Vaccine development

# Study at the Alliance

To find out more about working at the Alfred Research Alliance, please visit our members' websites:

**AlfredHealth**

## Alfred Research Alliance

About us: [alfredresearchalliance.org.au](http://alfredresearchalliance.org.au)

Education: [alfredresearchalliance.org.au/education](http://alfredresearchalliance.org.au/education)



## Alfred Health

About us: [alfredhealth.org.au](http://alfredhealth.org.au)



## Monash Public Health & Preventive Medicine

About us: [monash.edu/medicine/sphpm](http://monash.edu/medicine/sphpm)

Education: [monash.edu/medicine/sphpm/epidemiology/teaching](http://monash.edu/medicine/sphpm/epidemiology/teaching)



## Monash Central Clinical School

About us: [monash.edu/medicine/ccs](http://monash.edu/medicine/ccs)

Education: [monash.edu/medicine/ccs/education/prospective-students/graduate-studies](http://monash.edu/medicine/ccs/education/prospective-students/graduate-studies)



## Baker Heart and Diabetes Institute

About us: [baker.edu.au](http://baker.edu.au)

Education: [baker.edu.au/study](http://baker.edu.au/study)

## Burnet Institute

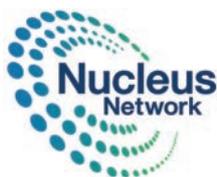
About us: [burnet.edu.au](http://burnet.edu.au)

Education: [burnet.edu.au/education\\_and\\_training](http://burnet.edu.au/education_and_training)



## Deakin University – Centre for Quality & Patient Safety Research

About us and Education: [deakin.edu.au/qps/partnerships/alfred-health](http://deakin.edu.au/qps/partnerships/alfred-health)



## La Trobe University – Alfred Health Clinical School

About us and Education: [latrobe.edu.au/she/business-and-industry/academic-and-research-network/alfred-health](http://latrobe.edu.au/she/business-and-industry/academic-and-research-network/alfred-health)

## Nucleus Network

About us: [nucleusnetwork.com.au](http://nucleusnetwork.com.au)



## 360biolabs

About us: [360biolabs.com](http://360biolabs.com)



[alfredresearchalliance.org.au](http://alfredresearchalliance.org.au)