

# RESEARCH FELLOW IN HEALTH ECONOMICS

DEPARTMENT/UNIT	Acute and Critical Care, School of Public Health and Preventive Medicine
FACULTY/DIVISION	Medicine Nursing and Health Sciences
CLASSIFICATION	Level B
DESIGNATED CAMPUS OR LOCATION	553 St Kilda Road, Melbourne

## ORGANISATIONAL CONTEXT

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At [Monash](#), work feels different. There's a sense of belonging, from contributing to something ground-breaking – a place where great things happen. You know you're part of something special and purposeful because, like Monash, your ambitions drive you to make change.

We have a clear purpose to deliver ground-breaking intensive research; a world-class education; a global ecosystem of enterprise – and we activate these to address some of the [challenges](#) of the age, Climate Change, Thriving Communities and Geopolitical Security.

We welcome and value difference and [diversity](#). When you come to work, you can be yourself, be a change-maker and develop your career in exciting ways with curious, energetic, inspiring and committed people and teams driven to make an impact – just like you.

Together with our [commitment to academic freedom](#), you will have access to quality research facilities, infrastructure, world class teaching spaces, and international collaboration opportunities.

We champion an [inclusive workplace culture](#) for our staff regardless of ethnicity or cultural background. We have also worked to improve [gender equality](#) for more than 30 years. Join the pursuit of our purpose to build a better future for ourselves and our communities – [#Changelt](#) with us.

The Faculty of **Medicine, Nursing and Health Sciences** is the largest faculty at Monash University, a global university with campuses across Victoria and international locations in Indonesia, Malaysia, China, India and Italy.

Our Faculty offers the most comprehensive suite of professional health training in Victoria, consistently ranked in the top 40 universities worldwide for clinical, pre-clinical and health sciences.

We want to improve the human condition. That is our vision - it has no expiration date. By educating the current and future healthcare workforce, and undertaking medical research, both discovery and clinical, our students, staff and alumni all work to directly improve people's quality of life, reduce health inequality and promote greater health and social outcomes.

We're globally recognised for our quality education of over 63,000 doctors, nurses, and allied health professionals and health researchers. The future health of our communities is underpinned by the sustained excellence of our education and research capabilities.

We are ambitious and committed to maintaining our position as a leading international medical research and teaching university. We're recognised for the quality of our graduates, the scale and depth of our research, our commitment to translational research, and as a thriving biotechnology hub. To learn more about the Faculty, please visit [www.monash.edu/medicine](http://www.monash.edu/medicine).

Our Faculty includes four Sub-Faculties: Health Sciences, Clinical and Molecular Medicine, Biomedical Medicines, and Translational Medicine and Public Health.

The **School of Public Health and Preventive Medicine** is committed to our vision of Health and wellbeing for all people and communities. We are one of the largest schools of public health in the Asia Pacific region. Through generating and synthesising impactful evidence, supporting the strengthening of our health systems and informing and transforming policy and practice, we can help overcome the health challenges being faced across Australia and more broadly. We have skills, knowledge and excellence across a range of disciplines including epidemiology, research methodology, biostatistics, research ethics, governance, clinical trials, clinical quality registries, qualitative research, evidence synthesis, implementation science, health economics, genomics, forensic science, health systems, services and policy, and clinical practice. This provides a strong foundation upon which we can inform, support and sustain equitable improvements in health for individuals and communities. The School is part of the Faculty of Medicine, Nursing and Health Sciences centred at the Alfred Hospital Campus with satellite units and partners embedded across other major Monash affiliated hospitals, research institutes and public health organisations.

The **Australian and New Zealand Intensive Care Research Centre (ANZIC-RC)** is a major clinical research method centre for Intensive Care in Australia and New Zealand based in the Monash School of Public Health and Preventive Medicine at the Alfred Hospital campus. The centre is involved in the establishment of comprehensive research programs comprising surveys and pilot studies through to large multicentre clinical trials. It supports the design and conduct of clinical research trials in a variety of topics including, sepsis, traumatic brain injury, mechanical ventilation, sedation, pneumonia and early mobility in intensive care, nutrition in the critically ill, patient blood management and ECMO). Further details about the ANZIC-RC may be found at <https://www.monash.edu/medicine/sphpm/anzicrc/home>

## **POSITION PURPOSE**

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A Level A research-only academic is expected to contribute towards the research effort of the University and to develop their research expertise through the pursuit of defined projects relevant to the particular field of research.

The Research Fellow will work with the Health Economics Program Lead embedded within the Australian and New Zealand Intensive Care Research Centre (ANZIC-RC). This position will contribute to the development of excellence in health economics research linked to clinical trials, with a focus on economic evaluations alongside adaptive platform trials. The Research Fellow will work with colleagues in the development of research projects and applications for competitive research funding support.

**Reporting Line:** The position reports to Professor and Director of Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) and on a day to day basis reports to the Senior Research Fellow in Acute & Critical Care

**Supervisory Responsibilities:** Not applicable

**Financial Delegation:** Not applicable

**Budgetary Responsibilities:** Not applicable

## KEY RESPONSIBILITIES

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1. The conduct of health economics research linked to clinical trials under limited supervision either as a member of a team or, where appropriate, independently and the production or contribution to the production of conference and seminar papers and publications from that research. This may include:
  - a. Assisting with research, using appropriate health economics methodology and techniques, to evaluate the efficiencies and cost-effectiveness of different clinical trial designs
  - b. The conduct of cost-effectiveness analyses alongside clinical trials
  - c. Contribution to other research-related tasks, from conducting comprehensive literature reviews to data analysis and the production of scientific publications
  - d. The preparation of conference and seminar papers and publications from that research
2. Supervision of research-support staff involved in the staff member's research
3. Guidance in the research effort of junior members of research-only Academic staff in their research area
4. Contribution to the preparation or, where appropriate, individual preparation of research proposal submissions to external funding bodies
5. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise
6. Administrative functions primarily connected with their area of research
7. Occasional contributions to the teaching program within the field of the staff member's research
8. Co-supervision or, where appropriate, supervision of major honours or postgraduate research projects within the field of the staff member's area of research
9. Attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or at departmental, school and/or faculty meetings and/or membership of a limited number of committees
10. Other duties as directed from time to time

## KEY SELECTION CRITERIA

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### Education/Qualifications

1. The appointee will have:
  - a doctoral qualification in the relevant discipline area or equivalent qualifications or research experience

## **Knowledge and Skills**

2. Demonstrated analytical and manuscript preparation skills; including a track record of refereed research publications, conference papers, reports or professional or technical contributions which give evidence of research ability
3. Ability to solve complex problems by using discretion, innovation and the exercise diagnostic skills and/or expertise
4. Well-developed planning and organisational skills, with the ability to prioritise multiple tasks and set and meet deadlines
5. Excellent written communication and verbal communication skills with proven ability to produce clear, succinct reports and documents
6. A demonstrated awareness of the principles of confidentiality, privacy and information handling
7. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
8. Experience of software packages to analyse health economics data such as STATA, R and/or TreeAge
9. Demonstrated computer literacy and proficiency in the production of high level work using software such as Microsoft Office applications and specified university software programs, with the capability and willingness to learn new packages as appropriate

## **OTHER JOB RELATED INFORMATION**

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- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted

## **GOVERNANCE**

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Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.