



RESEARCH FELLOW

DEPARTMENT/UNIT	Critical Care Research, School of Public Health and Preventive Medicine
FACULTY/DIVISION	Faculty of Medicine Nursing and Health Sciences
CLASSIFICATION	Level B
WORK LOCATION	553 St Kilda Road, Melbourne

ORGANISATIONAL CONTEXT

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit www.monash.edu.

The **Faculty of Medicine, Nursing and Health Sciences**, is the largest faculty at Monash University, and offers the most comprehensive suite of professional health training in Victoria. We consistently rank 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. Through academic health centres, other translational models and by educating the healthcare workforce of the future, our staff, students and alumni directly improve quality of life.

Setting the global health care agenda, the Faculty aspires to lead in all areas of research activity and influence local, national and international policy to improve health and social outcomes and health inequalities. We've made a major impact in the world of medical research and become globally recognised for our quality education of over 41,000 doctors, nurses, and allied health professionals.

We are ambitious and aim to maintain our position as a leading international medical research university. We're recognised for the breadth and depth of our research, for our commitment to translational research, for the quality and scale of our research capability, and as a thriving biotechnology hub.

To learn more about the faculty, please visit monash.edu/medicine.

Monash **School of Public Health and Preventive Medicine** is a teaching and research unit of the Faculty of Medicine, Nursing and Health Sciences and is centred at the Alfred Hospital Campus. It plays a prominent role in public health medicine and works closely with the major Monash affiliated hospitals, research institutes and public health units within Victoria. It plays a prominent role in public health medicine in Australia and has a strong record for training individuals with the capacity and skills to assume leadership roles in Australia in this field. We work closely with the major Monash affiliated hospitals, research institutes and public health units within Victoria. Our skills provide a key resource underpinning translational research within our Faculty.

The School of Public Health and Preventive Medicine has the highest expectations of performance of senior staff in areas reflecting:

- Commitment to a team approach
- High levels of motivation and innovation
- A focus on high-level performance in teaching
- A commitment to the principles of good research practice
- A commitment to standards and behaviours those are consistent with Monash University values, mission and code of conduct
- Maintenance of detailed knowledge of relevant areas of specialty, and remaining abreast of leading edge developments
- Contribution to the establishment and maintenance of a strong intellectual atmosphere and a positive departmental climate
- Maintenance of effective and regular communication with staff, ensuring that lines of communication upwards, downwards and laterally are facilitated

The **Critical Care Research Division (CCRD)** undertakes research and teaching activities in a broad range of public health research areas including pre-hospital, trauma, transfusion, anaesthesia and intensive care research and is responsible for a number of clinical quality registries.

The unit is responsible for a number of leading clinical quality registries including the Victorian State Trauma Outcomes Registry Monitoring Group (VSTORM), the Victorian Orthopaedic Trauma Outcomes Registry (VOTOR), the Burns Registry of Australia and New Zealand (BRANZ) and the Australian Resuscitation and Outcomes Consortium Epistry (Aus-ROC Epistry). The unit also manages the NHMRC Centre of Research Excellence in Australian Resuscitation Outcomes Consortium (Aus-ROC), the NHMRC Centre of Research Excellence in Pre-hospital Emergency Care Australia and New Zealand (PEC-ANZ) and the NHMRC funded clinical trial "Reduction of oxygen after cardiac arrest: The EXACT trial".

POSITION PURPOSE

A Level B research-only academic is expected to carry out independent and/or team research within the field in which they are appointed and to carry out activities to develop their research expertise relevant to the particular field of research.

The Research Fellow will be responsible for coordinating the Aus-ROC Epistry. The Aus-ROC Epistry was established with the aim of understanding regional, ambulance service and treatment factors associated with improved OHCA survival and outcomes. The Epistry allows risk-adjusted outcomes to be determined, to enable benchmarking across providers and identification of system-wide strategies associated with survival for OHCA patients in Australia and New Zealand. The Research Fellow will be responsible for data management, statistical analysis, writing research papers and grant applications related to the Epistry. Experience in managing and working with large datasets is necessary.

Reporting Line: The position reports to the Associate Professor, PEC-ANZ

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level B research-only academic may include:

1. The conduct of research either as a member of a team or independently and the production 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. Adherence to occupational health and safety requirements of the organisation

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A PhD with experience in clinical and/or public health research

Knowledge and Skills

2. Demonstrated statistical analysis and manuscript and research proposal preparation skills; including a solid track record of refereed research publications
3. Experience working with large datasets
4. Advanced computer skills with experience using Microsoft Word, Excel and PowerPoint; specific experience in working with STATA
5. Experience in supervising and working with major honours or postgraduate students within the discipline
6. The ability to work both independently in a research environment and as part of an inter-disciplinary research team
7. High level organisational skills, with demonstrated capacity to establish and achieve goals
8. Excellent written and oral communication skills
9. Demonstrated capability in positively contributing to meetings, seminars and/or committees
10. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
11. A demonstrated ability to plan, organise and achieve work targets, and to report at regular intervals on outcomes relative to milestones, including the ability to work flexibly to meet experimental timelines and operate in accordance with Monash University requirements
12. A commitment to excellence in research including capacity to develop and acquire new research techniques
13. Ability to use discretion, with appropriate consideration to issues of privacy, confidentiality and ethics

OTHER JOB RELATED INFORMATION

- 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

LEGAL COMPLIANCE

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.