

SENIOR RESEARCH FELLOW

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

ORGANISATIONAL CONTEXT

At [Monash](#), work feels different. There's a sense of belonging, from contributing to something groundbreaking – 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 groundbreaking 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.

We consistently rank in the top 40 universities worldwide for clinical, pre-clinical and health sciences. In 2022, our Nursing and Midwifery climbed to the rank of 14th in the world and 1st in Victoria in the QS World University Rankings.

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.

Contributing to the global health care agenda, the Faculty aspires to lead in all areas of its research and education activity, collaborating to influence local, national and international policy to improve health and social outcomes, and reduce health inequity.

We've made a major impact in the world of medical research and are 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.

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 methods 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 www.monash.edu/medicine/sphpm/anzicrc/home.

POSITION PURPOSE

A Level C research-only academic is expected to make independent or original contributions to the research effort within their field of expertise and to the organisational unit or inter-disciplinary area of which they are a part. An academic at this level is expected to play a major role in research including the exercise of some leadership in research.

The Senior Research Fellow (Sepsis Program) will be embedded within the Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) research program and will assist with: clinical trial methodology, design and management of research projects; data analysis and interpretation; drafting of grant proposals and manuscripts; and the publication and presentation of

research findings. The Senior Research Fellow will be expected to contribute to the enhancement of the ANZIC-RC national & international reputation.

In particular, the Senior Research Fellow will assist the investigators in achieving the aims of the Program. Here, the vision is to ensure high-quality evidence-based care is provided to sepsis patients in the ICU, by creating a nationwide Critical Care Research Platform that:

1. Enhances existing intensive care registry infrastructure by improving access to data and generates time efficient knowledge, via improved participation in, and execution of, pragmatic, clinically relevant randomised controlled trials (RCTs) and cohort studies
2. Disseminates knowledge, via improved links to, and in partnership with peak consumer, critical care academic, research, quality assurance, and vocational training organisations
3. Translates knowledge into real-world policy and practice, via evidence summaries and clinical practice guidelines, and the implementation of audit and quality assurance tools

The Fellow will be involved in all key deliverables from the project. Specifically, they will need to:

1. Liaise with all stakeholders
2. Draft, disseminate and maintain a variety of project governance documents
3. Lead the implementation of the Platform, in collaboration with the Chief investigator group
4. Draft key academic outputs from the project
5. Provide regular reports to the Platform management committee

The Senior Research Fellow will also contribute to the nationwide ICU COVID-19 registry (SPRINT-SARI Australia). Here the role will involve working with the project manager and data scientist to generate reports and publications. The Fellow will also be responsible for updating the protocol and electronic case report form.

Reporting Line: The position reports to Professor and Director of Australian and New Zealand Intensive Care Research Centre (ANZIC-RC)

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

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

1. The conduct of research and the production of conference and seminar papers and publications from that research
2. Supervision of research-support and administrative staff involved in the staff member's research
3. Supervision, where appropriate, of the research of less senior research-only Academic staff
4. Involvement, where appropriate, in the promotion of research links with outside bodies
5. Preparation of research proposal submissions to external funding bodies
6. Significant role in research projects including, where appropriate, leadership of research teams or management of projects
7. Responsibility for the oversight of financial management of grants received for their research projects

8. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise
9. Occasional contributions to the teaching program within the field of the staff member's research
10. Supervision of major honours or postgraduate research projects within the field of the staff member's area of research
11. Various research-related administrative functions
12. 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 a major role in planning and committee work
13. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A doctoral qualification in the relevant discipline area or equivalent accreditation and standing together with subsequent research experience.

Knowledge and Skills

2. Demonstrated and strong record of publications, conference papers, reports and/or professional and/or technical contributions in the relevant discipline area
3. Proven track record of obtaining significant external grants for research
4. Experience in successfully supervising, mentoring and coaching to support the development of research staff and in establishing and leading a successful research team and/or demonstrated evidence of leadership capability
5. Experience in supervising and working with major honours, postgraduate research projects and/or and the co-supervision of PhD students
6. The ability to work independently in a research environment and as part of an inter-disciplinary research team
7. High level organisational skills, including the ability to plan and manage the use of research funds, with demonstrated capacity to establish and achieve goals
8. Excellent written and oral communication skills including the ability to prepare and communicate the aims and outputs of research projects in a range of formats
9. A demonstrated capacity to work in a collegiate manner with other staff in the workplace
10. Experience working in an acute care environment, with particular emphasis on sepsis / life-threatening infection (e.g. infectious diseases, emergency medicine, ICU)
11. Experience in working with large datasets / registries and/or public health initiatives

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

GOVERNANCE

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.