



Position Description

POSITION TITLE:	Clinical Research Fellow in Point-of-Care Imaging
LOCATION:	SAHMRI, North Terrace
DEPARTMENT:	Clinical and Research Imaging Centre (CRIC), SAHMRI
REPORTS TO:	Research Imaging Program Manager, Clinical & Research Imaging, Clinical & Research Imaging Centre (CRIC)

PURPOSE AND SCOPE OF THE POSITION

At the South Australian Health and Medical Research Institute (SAHMRI), we are committed to achieving innovative, ground-breaking research that fundamentally improves the quality of life for all people.

The Clinical and Research Imaging Centre (CRIC) at SAHMRI is one of Australia's most advanced imaging research facilities including one of the first ultra-high 200mT/m clinical research MRI systems in the world, the Australian Centre for Photon-Counting CT and an ultra-low field point-of-care 64mT MRI research program. The centre has master research agreement with Siemens Healthineers and is supported by the National Imaging Facility.

The Clinical Research Fellow in Point-of-Care Imaging will join an innovative team of imaging specialists and clinical researchers developing both new research and enabling access to imaging and expertise in support of a vibrant research community.

This role will design and implement research programs that grow the clinical and research impact of point-of-care imaging with specific focus on ultra-low field (ULF) brain MRI. SAHMRI's priority projects include cerebrovascular health, traumatic injury or the role of portable imaging in improving health equity.

The candidate will provide cross-disciplinary clinical leadership and engage widely with clinicians, health systems and professional bodies to develop programs that integrate with health promotion and delivery. The role can also explore the interface between point-of-care imaging and information embedded within routine clinical imaging to improve value in health. The position would ideally suit candidates with clinical experience seeking to expand their research and health leadership.

The candidate will also be integrated within SAHMRI's Lifelong Health Theme and Heart and Vascular Health offering medical graduates the opportunity to buttress their knowledge in modern biomedical research methodologies.

Specific knowledge of MRI acquisition and analysis methods is not essential as the program is supported by MRI technologists for image acquisition and a data and AI scientist.

This is a Commonwealth supported role and there is a strong expectation to engage in national activities across a range of internal and external stakeholders.



KEY RESPONSIBILITIES

The specific duties include:

- Provide expert knowledge in disease pathophysiology and existing health care system approaches to cardiovascular and neurological disease
- Contribute to ULF research strategies by offering innovative ideas, reviewing literature and engaging with clinician end users through scoping and engagement
- Lead project management including coordinating with health providers, executing project tasks, managing ethical review, and relationships with regulatory and industry bodies
- Represent the ULF program through presenting at workshops, seminars, meetings and conferences.
- Drive collaborations with clinician-researchers, academic and non-academic partners, and peak bodies at local and national levels to improve ULF research output
- Show program impact through scientific publication or changes in practice
- Contribute to competitive funding applications, scientific publications and reporting of research activity
- Participate in special projects to continuously improve processes, tools, systems and organisation.
- Take reasonable care to protect own health, safety and welfare at work and avoid affecting the health and safety of any other person at work.
- Participate in the implementation of the Institute's Work, Health and Safety Management System and related laws, regulations and guidelines.
- Ensure that duties are performed in keeping with the principles outlined in SAHMRI's Vision, Mission and Values and the **Code of Conduct Policy**.

SPECIAL REQUIREMENTS

- Some out of hours work may be required.
- DCSI Working with Children Check and Police Checks may be required.



Person Specification

QUALIFICATIONS

- Eligibility to work in South Australia.
- Undergraduate medical degree or postgraduate qualifications in an allied health field with clinical experience.

EXPERIENCE, KNOWLEDGE AND SKILLS

- At least two years working in a predominantly clinical or clinical research environment.
- Experience related to any of general practice, public health, medical imaging, stroke, neurology or cardiovascular disease.
- Appreciation of embedded clinical research methods.
- Understanding of public health systems.
- Strong analytical and problem-solving skills.
- Excellent communication, engagement and presentation skills.
- Ability to work independently under project pressure with timeframes and budget.
- Skills in report writing and presentations.
- Project management skills including timely delivery of outputs, monitoring and resolving issues.
- Desire to contribute to a common purpose with willingness to learn new skills and take on new challenges.
- Demonstrated ability to work independently and be self-motivated.
- Support SAHMRI's commitment to reconciliation and acknowledge the importance of working in partnership with Aboriginal and Torres Strait Islander People
- Able to demonstrate the following SAHMRI Values and Culture:
 - **Innovation** – Bold, Driven, Dynamic
 - **Excellence** – Persistent and Focused
 - **Courage** – Collaborative and Enabling
 - **Integrity** – Embrace Diversity, Demand Equity
 - **Teamwork** – Friendly, Fast, Flexible, Fun