



Research Fellow

Department/Unit	School of Clinical Sciences/ Translational Public Health and Evaluation Division
Faculty/Division	Medicine, Nursing and Health Sciences
Classification	Level A
Work location	Monash Medical Centre
Date document created or updated	2018

Organisational context

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu

The **Faculty of Medicine, Nursing & Health Sciences** is the University's largest research faculty. World-class researchers work across disciplines including laboratory-based medical science, applied clinical research, and social and public health research. The Faculty is home to a number of leading medical and biomedical research institutes and groups, and has contributed to advances in many crucial areas. Our expertise in life sciences and biomedicine is recognised both nationally and internationally. To learn more about the Faculty, please visit www.med.monash.edu.au/

The **School of Clinical Sciences at Monash Health (SCS)** is one of the nine schools of the Faculty of Medicine, Nursing and Health Sciences at Monash University, and is now the third largest school within the Faculty and its largest clinical school. Most of the research and teaching activities of the School are based near the main university campus, at Monash Medical Centre (MMC) Clayton. Monash Medical Centre is the major tertiary referral hospital for Monash Health, which serves a population of over 1.5 million people and is Monash University's largest hospital partner. The School's annual budget is in excess of \$80M. In typical years, total research income received through the School is approximately \$30M.

The School of Clinical Sciences at Monash Health is a major teaching resource for Monash medical students. The School is Monash's largest deliverer of clinical teaching in the undergraduate medical student curriculum, providing ~ 50% of total clinical placements across multiple disciplines and sites. Medical student teaching is coordinated by the Directorate of Undergraduate Medical Education. Teaching activities also extend to a number of other Monash Health sites including Dandenong, Casey, Moorabbin Hospital, and Monash Health's Kingston Centre. The school also has established links with other parts of the Faculty and other Monash faculties including the Be Active Sleep Eat (BASE) facility, located at the Notting Hill campus, where the Department of Nutrition, Dietetics and Food is located.

Basic, clinical, and translation research are undertaken by the clinical departments of the School: Medicine, Nutrition, Dietetics & Food, Obstetrics and Gynaecology, Paediatrics, Psychiatry, Surgery and their five associated University Research Centres. The Department of Imaging was recently created and joined SCS in mid-2015. In addition, the Hudson Institute of Medical Research (formerly MIMR-PHI Institute of Medical Research) now represents its association with Monash University by its staff and students comprising the Department of Molecular Translational Science within the School of Clinical Sciences. Researchers of the School collaborate closely with relevant clinical areas in Monash Health and many of the School's principal investigators are leaders in the health service who are clinician-scientists. The School has a strong tradition

of training in this area, including what is believed to be the largest number of clinicians enrolled in higher degrees by research of any teaching hospital school in Australia. SCS researchers are responsible 20-25% of Monash University's NHMRC-funded research activity. Further details may be found at: <https://www.monash.edu/medicine/scs>

This position is based at the **Monash Health Translation Precinct**: Monash University and its partners, Monash Health and the Hudson Institute of Medical Research, are partners in a research precinct at Monash Medical Centre Clayton known as the Monash Health Translation Precinct (MHTP). The MHTP combines the research efforts of over 400 scientific staff, over 200 postgraduate students, and hundreds of clinician researchers, all of whom are members of SCS. At MHTP, researchers are co-located according to the MHTP Themes (Cancer, Inflammation, Women's & Children's, Cardiovascular, Neuroscience and Mental Health, and Diabetes/Obesity/Metabolism/Endocrinology) allowing clinical and basic science researchers from all three partners work side by side. The vision is for MHTP to be a world leader in translating innovative scientific discoveries into clinical practice in a dynamic and collaborative environment. The cornerstone of the MHTP is the newly opened \$84M Translational Research Facility that houses a 30-chair/bed clinical trials floor with medical imaging facilities, the only one of its kind in Australia linked to a university hospital and medical research precinct. Further details may be found at: <http://www.mhtp.org.au>

The Stroke and Ageing Research (Department of Medicine) - The Stroke and Ageing Research (STAR) group is situated within the Department of Medicine, School of Clinical Sciences, Monash Medical Centre, Monash University. It is led by Prof Amanda Thrift who is internationally renowned for her research expertise in the epidemiology of stroke. It consists of researchers in cerebrovascular diseases (Stroke, TIA, Migraine) and brain ageing with expertise in brain imaging, epidemiology, clinical trials, and public health research. Their research involves large population-based samples, enriched clinical samples and collaborative translational work with funding from competitive (NHMRC, NHF, NIH) and non-competitive grant sources. They have strong academic ties with other groups in the Faculty of Medicine, Nursing and Health Sciences at Monash University and excellent clinical links with Monash Health, providing a rich environment for clinical and translational research. It comprises of the following divisions:

1. Acute Stroke and Brain Imaging Division – Head: Prof Thanh Phan
2. Epidemiology and Prevention Division – Head: Prof. Amanda Thrift
3. Translational Public Health and Evaluation Division – Head: Prof Dominique Cadilhac. This Division undertakes several projects aimed at improving quality of stroke care in hospitals, telemedicine provision in regional hospitals, as well as the use of behavioural techniques to improve stroke outcome in patients.

Position purpose

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 primary objective of the Research Fellow is to conduct and support research in the field of public health research into stroke, independently, or, as a member of a team and in the delivery of outcomes in the production of conference and seminar papers, project reports and high profile publications, and to develop research expertise through the pursuit of defined projects relevant to public health and health services research. It is expected that the appointee shall work with support, guidance and/or direction from senior staff, developing an increasing degree of autonomy as research skills and experience is gained.

Reporting Line: The position reports to Professor Dominique Cadilhac

Supervisory responsibilities: Not applicable

Financial delegation and/or budget responsibilities: Not applicable

Key responsibilities

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

1. The conduct of research 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
2. Involvement in professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise
3. Limited administrative functions primarily connected with the area of research of the academic
4. Development of a limited amount of research-related material for teaching or other purposes with appropriate guidance from other staff
5. Occasional contributions to teaching in relation to their research project(s)
6. Experimental design and operation of advanced laboratory and technical equipment or conduct of advanced research procedures
7. 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
8. Advice within the field of the staff member's research to postgraduate students

Key selection criteria

Education/Qualifications

1. The appointee will have:
 - an honours degree in the relevant discipline or have equivalent qualifications or research experience; OR
 - an honours degree or higher qualifications in the relevant discipline and/or progress towards a doctorate in the relevant discipline; OR
 - a doctoral qualifications in the relevant discipline or a closely related field

Knowledge and Skills

2. Demonstrated analytical and manuscript preparation skills; including a track record of refereed research publications
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. 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

- 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
- A current satisfactory Police Records Check is required

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.