

Postdoctoral Research Fellow

College/Division	College of Health and Medicine
School/Section	Menzies Institute for Medical Research
Location	Medical Science Precinct, Hobart
Classification	Level A/B
Reporting line	Reports to Professor, Environmental Health
Date	August 2022

Position Summary

The University of Tasmania is building a vision of a place-based University with a mission to enhance the intellectual, economic, social and culture future of Tasmania, and from Tasmania, contribute to the world in areas of distinctive advantage. The University recognises that achieving this vision is dependent on the people we employ as well as creating a people-centred University that is values-based, relational, diverse, and development-focused.

We are seeking to appoint a Postdoctoral Research Fellow at the [Menzies Institute for Medical Research](#) (Menzies), part of the [College of Health and Medicine](#).

Menzies is one of Australia's leading health and medical research institutes and is recognised worldwide for its research excellence. Menzies' mission is to perform internationally significant medical research leading to healthier, longer and better lives for all Tasmanians. Research takes a bench-to-bedside and disease prevention approach that is aimed at improving patient care and clinical outcomes for the community by translating knowledge into clinical and policy actions and through the commercial application of discoveries. Tasmania, an island state with a population of over 500,000 people, has a discrete health system that enables close engagement with the University and with government agencies and health providers and offers a unique framework for translational health research.

Menzies' five themes reflect the burden of disease in the Tasmanian community: Public Health, Primary Care and Health Services; Musculoskeletal Health & Disease; Brain Health & Disease; Cardiovascular and Respiratory Health & Disease; and Genetics and Cancer.

The postdoctoral Research fellow will work with the team of policy and practice Research Fellows supported by the Australia-wide Healthy Environments And Lives (HEAL) Network. HEAL aims to catalyse research, knowledge exchange and translation into policy and practice that will bring measurable improvements to our health, the Australian health system, and the environment. The Menzies Institute for Medical Research is co-leading the bushfires, air pollution, and extreme events research theme within the HEAL network, and the postdoctoral fellow will conduct research to support this theme, and work to support wider research translation and an emerging Tasmanian community of practice in environmental health.

We are an inclusive workplace committed to 'working from the strength that diversity brings' reflected in our Statement of Values. We are dedicated to attracting, retaining and developing our people and are committed to inclusive principles. We celebrate the range of diverse assets that gender identity, ethnicity, sexual orientation, disability, age and life course bring. Applications are encouraged from all sectors of the community. Tell us how we can make this job work for you.

What You'll Do

- Make an effective and sustained contribution to the University in achieving its strategic objectives and fulfilling its operational responsibilities.



- Undertake high-quality research of national and increasingly of international standing either independently or as a member of a team, secure external competitive and other funding, publish research findings as sole author or in collaboration, and contribute to the successful supervision of research higher degree students.
- Contribute to the wider activities of the HEAL network, including education, outreach and networking.
- Contribute to the development of a Tasmanian community of practice in environmental health with a focus on healthy and sustainable landscapes, bushfires, air pollution and extreme events.
- Contribute to the development and maintenance of productive and effective links inside the University and locally and nationally with the discipline, relevant interdisciplinary domains, profession, industry and/or wider community.
- Comply with the UTAS Framework for Responsible Conduct of Research, The Australian Code for the Responsible Conduct of Research, the ICH GCP Guidelines, the Privacy Act, and relevant research ethics and sponsor requirements.
- Undertake other duties as assigned by the supervisor.

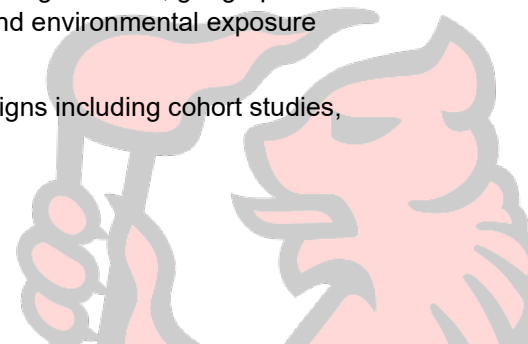
What We're Looking For (success criteria)

Level A

- A PhD or equivalent in a relevant field.
- A demonstrated ability and understanding of research in the relevant field, demonstrated by a strong academic record.
- A demonstrated ability and understanding in statistical methods relevant to environmental epidemiology, such as time-series statistical modelling, machine learning methods, geographic information systems, remote sensing, health impact assessments, and environmental exposure assessment.
- Experience in contributing to research projects across a range of study designs including cohort studies, data linkage studies, public health interventions or mixed methods studies, relative to career stage and opportunity.
- A record of contributing to building and maintaining effective and productive links locally and nationally with the discipline, profession, industry (where relevant) and wider community including record of translating evidence into practice.
- Proven ability to build and maintain effective collaborations within a multidisciplinary team.
- Ability to prioritise tasks and meet deadlines.
- Excellent oral, written and interpersonal skills.

Additionally for Level B

- A good record of, and continuing commitment to, research that has achieved national recognition and made worthwhile contributions to the field of environmental epidemiology and public health, demonstrated by a record of quality publications, presentations at conferences and preferably success in securing external competitive and other funding relative to career stage and opportunity.
- A high level of experience and proficiency in statistical methods relevant to environmental epidemiology, such as time-series statistical modelling, machine learning methods, geographic information systems, remote sensing, health impact assessments, and environmental exposure assessment.
- Experience managing research projects across a range of study designs including cohort studies,



data linkage studies, public health interventions or mixed methods studies, relative to career stage and opportunity.

- Demonstrated expertise in the management of research projects, including ethics and governance applications, participant recruitment, survey development, logistics and management of datasets and reporting.

University of Tasmania

The University of Tasmania is an institution with an enduring commitment to our state and community, and a strong global outlook. We are committed to enhancing the intellectual, economic, social and cultural future of Tasmania. Our [Strategic Direction](#) strongly reflects the University community's voice that our University must be place based but globally connected as well as regionally networked and designed to deliver quality access to higher education for the whole State.

We believe that from our unique position here in Tasmania we can impact the world through the contributions of our staff, students and graduates. We recognise that achieving this vision is dependent on the people we employ, as well as creating a university that is values-based, relational, diverse, and development-focused.

Check out more here:

<https://www.utas.edu.au/jobs>

<https://www.utas.edu.au/careers/our-people-values-and-behaviours>

The intention of this position description is to highlight the most important aspects, rather than to limit the scope or accountabilities of this role. Duties above may be altered in accordance with the changing requirements of the position.

