

POSITION DESCRIPTION

Position Title	Postdoctoral Research Fellow in Environment, Climate and Health
Business Unit	HEAL Global Research Centre, Health Research Institute, Faculty of Health
Appointment Level	Academic Level C
Reporting To	Director, HEAL Global Research Centre
Number of Direct Reports	TBC
Delegation Band	7
Position Number	66175

THE UNIVERSITY OF CANBERRA

The University of Canberra is a young University anchored in the national capital and works with government, business, and industry to serve our communities and nation. The University of Canberra challenges the status quo; always pursuing better ways to teach, learn, research, and add value – locally and internationally. Our purpose is to provide education which offers high quality transformative experiences; to engage in research which makes a difference to the world around us; and to contribute to the building of just, prosperous, healthy, and sustainable communities.

The University of Canberra has recently established its long-term ambitions through its new decadal strategy: *Connected*. Through its three objectives (Connected to Canberra, Connected for life and Connected UC), the University of Canberra aims to build sustainable communities through deep collaborations that are locally focused and globally relevant, partner for life with our students to shape our economic, social and cultural futures and deliver an outstanding, digitally connected experience that removes barriers to accessing higher education.

OUR PURPOSE AND VALUES

Our [purpose and values](#) are the heart of this university. They describe our core identity: who we are and how we behave at the University of Canberra. They were developed by our people for our people.

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Together we work to empower, connect and share knowledge with our people, cultures and places.



BUSINESS UNIT OVERVIEW

The Health Research Institute (HRI) was established to consolidate and showcase the University's health research strengths, building sufficient scale, scope, sustainability, and infrastructure necessary to support world-class research. Our team examines how factors may influence your health and wellbeing: where you live and work, how you move through your community, what access you have to community facilities, how connected you are to people around you, and what interactions you have with the environment and healthcare system. Embedded in Canberra, we then work alongside community, government and industry stakeholders to translate our findings into solutions that can be applied in the real world. Our focus is research with impact – research that supports the roll out of best-practice health policy and design of strategies to achieve positive system-wide changes, in healthcare and beyond.

The HEAL's Global Research Centre, based at the Health Research Institute, is building a healthier and more sustainable future for Canberra, Australia and the world through strategic research collaborations. The HEAL Centre staff are an interdisciplinary team who are proactive in the environmental health ecosystem, identifying and responding to research needs and opportunities as they evolve, creating impact on policy and practice. We have a tradition of excellence in addressing the world's most pressing public and environmental health issues, including those related to climate change and environmental pollution.

POSITION PURPOSE

The HEAL Global Research Centre at the University of Canberra is coordinating the NHMRC Healthy Environments And Lives (HEAL) Network, a collaboration of over 30 organisations from across Australia aiming 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 HEAL Global Research Centre also coordinates two large programs of research in Southeast Asia funded by the Wellcome Trust and the National Health and Medical Research Council (NHMRC), with a focus on climate change, wildfires, air pollution and health, involving over 20 organisations from Thailand, Indonesia, Cambodia, Laos, and Australia.

To fulfil the requirements of our growing research portfolio, we are recruiting three high-performing post-doctoral researchers for a fixed term for the duration of this funding in areas related to: environmental epidemiology, air pollution exposure analysis, air quality modelling, environmental sustainability, life cycle analysis, and climate change and health risk assessment. The Post Docs will undertake work in research, supervision and service (including outreach). The allocation of time to each area will be discussed with the position supervisor annually and be reflective of the conditions of the external funding, the appointees research agenda, and leadership opportunities within the Centre's environment. The appointee will contribute cooperatively to the overall intellectual life of the HEAL Global Research Centre the Health Research Institute, and the Faculty of Health.

The Post-Docs will be accountable to the HEAL Centre Director and will be expected to work collegially, leading by example to develop and maintain effective, productive and beneficial workplace relationships with all academic and professional Centre/Institute and Faculty staff, students and honorary staff, as well as with government, industry and community stakeholders. This position will also have a supervisory role for students and will engage in collegial and productive collaborations with local, national and international colleagues.

PRIMARY RESPONSIBILITIES

In their role as an Academic Level C, the Post-Docs will be expected to:

1. Undertake independent research and provide research leadership in the area of environmental health, including environmental epidemiology, air pollution exposure analysis, air quality modelling, environmental sustainability, life cycle analysis, or climate change and health risk assessment, with a view to publishing original and innovative results in refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers and stakeholders at a national and international level. This includes working as part of a team on externally funded projects subject to deadlines and being primarily responsible for project delivery by leading in some research areas.
2. Actively seek and secure external funding by leading the preparation and submission of research proposals to external funding bodies, and participating in research proposals led by others internally and externally.
3. Subject to the requirements of the funding source and where an opportunity exists, the occupant may be required to contribute to the teaching activities of the Institute, including curriculum development at postgraduate and executive education levels.
4. Supervise postgraduate students at Masters or PhD level in your area of expertise, working on individual or group projects.
5. Actively contribute to all aspects of the operation of the HEAL Global Research Centre / Health Research Institute. This may include representation through committee memberships and external boards/committees.
6. Assist in outreach activities including to prospective students, research institutes, industry, government, peak bodies, international organisations, the media and the general public. This may involve active participation in and/or leading communities of practice in relevant areas.
7. Maintain the highest of academic standards in research, project management and administration endeavours.
8. Take responsibility for their own workplace health and safety and not wilfully place at risk the health and safety of another person in the workplace.
9. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.
10. Other duties as required that are consistent with the classification of the position.

A Level B academic will normally have completed a relevant doctoral qualification or have equivalent qualifications or research experience. The academic will undertake independent research in their discipline or related area. In research and/or scholarship and/or teaching a Level B academic will make an independent contribution through professional practice and expertise and coordinate and/or lead the activities of other staff, as appropriate to the discipline. A Level B academic will engage in independent research and professional activities appropriate to their profession or discipline. The academic will normally undertake administration relating to their activities at the institution.

SELECTION CRITERIA:

1. A PhD degree in environmental health, air pollution exposure analysis, air quality modelling, environmental epidemiology, environmental sustainability, life cycle analysis, climate change and health risk assessment, or related discipline, or an equivalent combination of relevant experience and/or education and training.
2. Evidence of substantial research experience that is relevant to environmental and/or climate change, environmental exposure analysis and risk assessment, air quality modelling, or life cycle analysis, with the ability to articulate and prosecute innovative research in this field, and translate it into policy and practice.
3. A demonstrated ability and commitment to apply for externally competitive research funding to support individual and collaborative research activities.
4. Evidence and ability to work collaboratively with internal and external partners, communities and stakeholders in an inter-disciplinary and multicultural environment.

5. An ability to supervise high quality PhD/Masters research students and/or coordinate postdoctoral or executive education courses.
6. Demonstrated ability to work as part of a team, contributing to team management and reading in certain areas, and meeting deadlines for projects.
7. Excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students, colleagues and stakeholders at all levels.
8. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

KEY CAPABILITIES

Key Capabilities	Descriptors
1. Leadership	<p>1.1 Proactively addresses challenging issues and takes responsibility for seeing issues through. Assist team members to recognise barriers and overcome them.</p> <p>1.2 Connects the University Strategy with the Portfolio and reinforces connections with other staff.</p> <p>1.3 Builds and communicates a clear and compelling path for others to choose to be committed and engaged.</p> <p>1.4 Champions and role models effective change while working to engage and enthuse others to embrace a vision of change.</p> <p>1.5 Showcases diverse voices and perspectives and seeks and values unique contributions and promotes accessibility to all.</p>
2. Citizenship	<p>2.1 Upholds, demonstrates, and promotes the university's purpose and values.</p> <p>2.2 Promotes diversity of thought and creates an inclusive workplace where people feel a sense of belonging.</p> <p>2.3 Looks beyond own point of view to consider needs of others and looks for opportunities to create belonging, support reconciliation, diversity, and inclusion.</p> <p>2.4 Manages accessibility concerns to promote equity.</p>
3. Effective Communication	<p>3.1 Adjusts message and delivery appropriate to audience.</p> <p>3.2 Listens authentically to others to understand content and context and effectively communicates ideas.</p> <p>3.3 Produces accurate and effective information in a timely and efficient manner.</p> <p>3.4 Influences and negotiates persuasively.</p> <p>3.5 Builds cultural competence and adaptive communication skills.</p>
4. Collaboration	<p>4.1 Connects and collaborates with our community.</p> <p>4.2 Looks beyond self and immediate team to add value to the whole University.</p> <p>4.3 Authentically and meaningfully connects with people who are different to self.</p> <p>4.4 Is open to a variety of ideas, experiences, and styles.</p> <p>4.5 Develops relationships with external parties. Seeks and acts on opportunities to connect external parties and partners to the University.</p>
5. Delivers results	<p>5.1 Delivers on agreed outcomes and escalates issues as appropriate.</p> <p>5.2 Responds to changing circumstances and priorities.</p> <p>5.3 Identifies opportunities to improve processes and takes opportunities to problem solve to deliver outcomes.</p>
6. Business Acumen	<p>6.1 Understands the purpose of own position and how this contributes to the objectives of the University.</p> <p>6.2 Manages resources effectively.</p> <p>6.3 Understands the commercial context the University operates in.</p>
7. Service	<p>7.1 Delivers seamless customer focused service underpinned by simplified and efficient processes.</p> <p>7.2 Understands and anticipates the needs of our students and partners and can convert these into commercial outcomes.</p>
8. Digital Literacy and Innovation	<p>8.1 Incorporates digital literacy skills into own learning and the learning of others e.g., students, peers, supervisees.</p>



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- 8.2 Appreciates the legal, ethical and security guidelines in the management, access and use of data.
 - 8.3 Isn't afraid to have an impact. Inspires others to be innovative. Is brave, stirs curiosity and shares ideas and discoveries that shape our future.
 - 8.4 *Demonstrates the ability to work fluently across a range of tools platforms and applications to achieve complex tasks.*
 - 8.5 *Demonstrates the capacity to adopt and develop new practices with digital technology in different settings; to use digital technologies in developing new ideas, projects, and opportunities.*
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Note: This position requires a skill level that assumes knowledge or training equivalent to graduate qualifications, or extensive relevant experience, or an equivalent combination of relevant experience and/or education/training.

While at work, you must take reasonable care that your actions or omissions do not adversely affect the health and safety of other persons. This includes:

- comply, so far as you are reasonably able, with any reasonable instruction that is given by the University to comply with the WHS Legislation
 - cooperate with any reasonable policy or procedure of the University relating to health or safety at the workplace that has been notified to workers
 - assume any additional duties as outlined in the WHS Procedure: Resources, Responsibility and Accountability
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