



Position Description

College/Division:	ANU College of Health and Medicine
Faculty/School/Centre:	Research School of Population Health
Department/Unit:	National Centre for Epidemiology and Population Health (NCEPH)
Position Title:	Postdoctoral Fellow/Research Fellow (Epidemiologist)
Classification:	Academic Level A/B
Position No:	TBA
Responsible to:	Fellow, NCEPH
Number of positions that report to this role:	Nil
Delegation(s) Assigned:	Nil

PURPOSE STATEMENT:

The National Centre for Epidemiology and Population Health (NCEPH) conducts innovative research that uses large-scale data to identify potentially modifiable factors affecting individual and population health in different settings and to quantify their effects, to inform improvements in health and health care. The successful applicant will work on projects related to cardiovascular disease (CVD) epidemiology, prevention and modelling, and chronic diseases more broadly. They will design and conduct studies using large-scale datasets including routinely collected health data, cohort studies and linked data. They will lead or substantially contribute to systematic reviews and development of predictive models. In addition to their research, the successful candidate will convene a course within the Master of Public Health program and will undertake some teaching within that course.

KEY ACCOUNTABILITY AREAS:

Position Dimension & Relationships:

The appointee will be supervised by a leading CVD researcher. They will work closely with other team members in NCEPH, as well as other investigators within the ANU. They will work with reference/advisory groups of relevant national and international agencies, methodological statisticians and other external collaborators. They will liaise with government departments and agencies, non-government organisations, and other relevant stakeholders. They will work with a significant degree of independence and limited supervision.

Role Statement:

Under broad direction, the Postdoctoral/Research Fellow's duties will include to:

- Critically appraise evidence, including conducting systematic reviews incorporating both published and unpublished research materials, with guidance from relevant agencies.
- Design and conduct data analyses under limited supervision, both as a member of team and with scope for independent lines of enquiry.
- Lead and/or contribute to scientific publications from the research conducted, including drafting, revising and publishing scientific manuscripts and presenting research at conferences, seminars and meetings.
- Teach and convene an epidemiological course.
- Contribute to higher degree research student supervision, as required.
- Assist in training and supervision of other staff.
- Contribute to the effectiveness of NCEPH by: participating in the cyclical performance management planning and review process; attending departmental and/or faculty meetings; and being a member of one or more committees.
- Other duties consistent with the classification of the position and in line with the principles of multi-skilling.
- Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity.

Skill Base

A Level A Academic will normally have completed four years of tertiary study in the relevant discipline and/or have equivalent qualifications and/or research experience. In many cases a position at this level will require an honours degree or higher qualifications or equivalent research experience. Research experience may have contributed to or resulted in publications, conference papers, reports or professional or technical contributions that give evidence of research potential.

A Level B Academic will normally have completed a relevant doctoral qualification or have equivalent qualifications or research experience. In addition, he/she may be expected to have had post-doctoral research experience that has resulted in publications, conference papers, reports or professional or technical contributions that give evidence of research ability.

SELECTION CRITERIA – Academic Level A:

- A PhD or Masters degree in epidemiology, biostatistics, data science, medicine, public health or a related discipline relevant to population health.
- Research experience in chronic disease or a related field.
- Demonstrated well-developed analytic skills working with health data and ability to interpret statistical outputs, preferably using software packages such as SAS or STATA. Experience in analysing large-scale, linked health data and/or in predictive modelling will be highly regarded.
- Ability to produce written work to the standard required for international peer-reviewed journals.
- Well-developed oral communication and interpersonal skills and the ability to work effectively, both independently and collaboratively, with staff and students at all levels in a research environment.
- A demonstrated understanding of equal opportunity principles and policies, and a commitment to their application in a university context.

SELECTION CRITERIA – Academic Level B:

- A PhD in epidemiology, biostatistics, data science, medicine, public health or a related discipline relevant to population health.
- Substantial research experience in chronic disease or a related field.
- Demonstrated highly-developed analytic skills working with health data and ability to interpret statistical outputs, preferably using software packages such as SAS or STATA. Experience in analysing large-scale, linked health data and/or predictive modelling will be highly regarded.
- Evidence of success in producing written work to the standard required for international peer-reviewed journals.
- Highly-developed oral communication and interpersonal skills and the ability to work effectively, both independently and collaboratively, with staff and students at all levels in a research environment.
- A demonstrated understanding of equal opportunity principles and policies, and a commitment to their application in a university context.

The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the Background Checking Procedure which sets out the types of checks required by each type of position.

Supervisor/Delegate Signature:		Date:	
Printed Name:		Uni ID:	

References:

[General Staff Classification Descriptors](#)

[Academic Minimum Standards](#)

 Australian National University	<h1>Pre-Employment Work Environment Report</h1>
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Position Details

College/Div/Centre	College of Health and Medicine	Dept/School/Section	RSPH/NCEPH
Position Title	Postdoctoral Fellow/Research Fellow	Classification	Academic Level A/B
Position No.	TBC	Reference No.	

In accordance with the Work Health and Safety Act 2011 (Cth) the University has a primary duty of care, so far as reasonably practicable, to ensure the health and safety of all staff while they are at work in the University.

- This form must be completed by the supervisor of the advertised position and appended to the back of the Position Description.
- This form is used to advise potential applicants of work environment and health and safety hazards prior to application.
- Once an applicant has been selected for the position they must familiarise themselves with the University WHS Management System via Handbook guidance <https://services.anu.edu.au/human-resources/health-safety/whs-management-system-handbook>
- The hazards identified below are of generic nature in relation to the position. It is not correlated directly to training required for the specific staff to be engaged. Identification of individual WHS training needs must be in accordance with WHS Local Training Plan and through the WHS induction programs and Performance Development Review Process.
- 'Regular' hazards identified below must be listed as 'Essential' in the Selection Criteria - see 'Employment Medical Procedures' at http://info.anu.edu.au/Policies/_DHR/Procedures/Employment_Medical_Procedures.asp

Potential Hazards

<ul style="list-style-type: none"> • Please indicate whether the duties associated with appointment will result in exposure to any of the following potential hazards, either as a regular or occasional part of the duties. 			
TASK	regular	occasional	
key boarding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
lifting, manual handling	<input type="checkbox"/>	<input type="checkbox"/>	
repetitive manual tasks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Organizing events	<input type="checkbox"/>	<input type="checkbox"/>	
fieldwork & travel	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
driving a vehicle	<input type="checkbox"/>	<input type="checkbox"/>	
NON-IONIZING RADIATION			
solar	<input type="checkbox"/>	<input type="checkbox"/>	
ultraviolet	<input type="checkbox"/>	<input type="checkbox"/>	
infra red	<input type="checkbox"/>	<input type="checkbox"/>	
laser	<input type="checkbox"/>	<input type="checkbox"/>	
radio frequency	<input type="checkbox"/>	<input type="checkbox"/>	
CHEMICALS			
hazardous substances	<input type="checkbox"/>	<input type="checkbox"/>	
allergens	<input type="checkbox"/>	<input type="checkbox"/>	
cytotoxics	<input type="checkbox"/>	<input type="checkbox"/>	
mutagens/teratogens/ carcinogens	<input type="checkbox"/>	<input type="checkbox"/>	
pesticides / herbicides	<input type="checkbox"/>	<input type="checkbox"/>	
TASK	regular	occasional	
laboratory work	<input type="checkbox"/>	<input type="checkbox"/>	
work at heights	<input type="checkbox"/>	<input type="checkbox"/>	
work in confined spaces	<input type="checkbox"/>	<input type="checkbox"/>	
noise / vibration	<input type="checkbox"/>	<input type="checkbox"/>	
electricity	<input type="checkbox"/>	<input type="checkbox"/>	
IONIZING RADIATION			
gamma, x-rays	<input type="checkbox"/>	<input type="checkbox"/>	
beta particles	<input type="checkbox"/>	<input type="checkbox"/>	
nuclear particles	<input type="checkbox"/>	<input type="checkbox"/>	
BIOLOGICAL MATERIALS			
microbiological materials	<input type="checkbox"/>	<input type="checkbox"/>	
potential biological allergens	<input type="checkbox"/>	<input type="checkbox"/>	
laboratory animals or insects	<input type="checkbox"/>	<input type="checkbox"/>	
clinical specimens, including blood	<input type="checkbox"/>	<input type="checkbox"/>	
genetically-manipulated specimens	<input type="checkbox"/>	<input type="checkbox"/>	
immunisations	<input type="checkbox"/>	<input type="checkbox"/>	
OTHER POTENTIAL HAZARDS (please specify):			
Supervisor/Delegate Name:		Date:	