

 <b>Australian National University</b>	<h1>Position Description</h1>
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College/Division:	ANU College of Health and Medicine
Faculty/School/Centre:	ANU Medical School
Department/Unit:	
Location	Canberra – Florey Building, ANU Acton Campus
Position Title:	Biostatistician/Applied Statistician
Classification:	Academic Level B
Position No:	TBC
Responsible to:	Dean
Positions reporting to this role:	Nil
Delegation(s) Assigned:	Nil

## PURPOSE STATEMENT:

The [ANU Medical School](#) educates and develops medical graduates who practise medicine with compassion, conscience and professional excellence and with a knowledge of Aboriginal and Torres Strait Islander health and culture. The School partners with a number of healthcare organisations to deliver clinical teaching and training including ACT Health, Calvary Healthcare ACT, and community practices throughout the ACT, south eastern region of NSW and in remote NT. The Medical School is committed to extending the boundaries of medical knowledge and improving the health system through research, and to providing students with a research led educational experience. Research is conducted over range of disciplines, spanning basic science, clinical medicine and implementation into policy and practice. Collaborations extend beyond ANU medical and health sciences, to other universities, governments and communities in the region as well as industry bodies, attracting national and international researchers and higher degree research candidates.

## KEY ACCOUNTABILITY AREAS:

### Position Dimension & Relationships:

The Biostatistician/Applied Statistician reports to the Dean of Medicine and will be based at the ANU Medical School at the Acton Campus. The appointee will make significant contributions to the research portfolio of the Dean and contribute to biostatistical advice to Medical School academics. The purpose of the biostatistician/applied statistician is to contribute to the Medical School's research portfolio through contributions in biostatistics and applied statistics, through national and international competitive research grants.

### Role Statement:

Specific duties required of a **Level B Academic** may include:

- Conduct research complementary to the existing research profile of the ANU Medical School, including the application of innovative methods for quantitative health services research;
- Contribute to high impact research with a view to publishing original and innovative results in refereed journals;
- Collaborate with a range of research groups within the Medical School and opportunities at National Centre for Epidemiology and Population Health;
- Provide expertise in quantitative methods including the analysis of data from a range of studies;
- Undertake professional activities including, subject to availability of funds, attendance at conferences and seminars in the field of expertise;
- Undertake administrative functions primarily connected with the area of research, including the preparation of research proposals and pursuing appropriate funding applications;
- Participate in the delivery and evaluation of biostatistical education at the ANU Medical School;
- Contribute to the teaching activities of the School and supervise or co-supervise research students as appropriate;
- Participate in outreach activities including to prospective students, research institutes, industry, government, the media and the general public;
- Maintain high academic standards in education, research and administration endeavours;
- Seek and secure external funding including the preparation and submission of research proposals to external funding bodies;

- Comply with all ANU policies and procedures, and in particular those relating to work, health and safety and equal opportunity;
- Other duties as allocated by the supervisor or the Vice-Chancellor consistent with the classification of the position.

Note:

As a multi campus School all staff are required to hold a current driver's licence.

### Skill Base

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:

1. A PhD in biostatistics or applied statistics with a strong record of achievement as evidenced by publications in peer reviewed journals, or have equivalent qualifications or research experience.
2. Demonstrated experience in quantitative research methods and the application of statistics and biostatistics to health services research.
3. Demonstrated ability to collaborate effectively with a broad range of researchers including academic clinicians.
4. Ability to secure competitive research grants or fellowships.
5. A willingness and ability to contribute to the supervision of higher degree research students, collaborative interdisciplinary teaching, and to community outreach and a commitment to collegiality.
6. Highly developed oral and written communication skills and a demonstrated ability to develop positive relationships with students and colleagues at all levels including implementing research that will lead to innovative, multi-disciplinary interactions across the School and College.
7. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

Delegate Signature:		Date:	13 November 2017
Printed Name:	Professor Imogen Mitchell	Position:	Dean: ANU Medical School

### References:

[Academic Minimum Standards](#)



# Pre-Employment Work Environment Report

## Position Details

<b>College/Div/Centre</b>	CHM	<b>Dept/School/Section</b>	ANUMS
<b>Position Title</b>	Biostatistician/Applied Statistician	<b>Classification</b>	Academic Level B
<b>Position No.</b>	TBA	<b>Reference No.</b>	

*In accordance with the Occupational Health and Safety Act 1991 the University has a duty of care to provide a safe workplace for all staff.*

- This form must be completed by the supervisor of the advertised position and forwarded with the job requisition to Appointments and Promotions Branch, Human Resources Division. Without this form jobs cannot be advertised.
- This form is used to advise potential applicants of work environment issues prior to application.
- Once an applicant has been selected for the position consideration should be given to their inclusion on the University's Health Surveillance Program where appropriate – see . [http://info.anu.edu.au/hr/OHS/\\_\\_Health\\_Surveillance\\_Program/index.asp](http://info.anu.edu.au/hr/OHS/__Health_Surveillance_Program/index.asp)  
Enrolment on relevant OHS training courses should also be arranged – see [http://info.anu.edu.au/hr/Training\\_and\\_Development/OHS\\_Training/index.asp](http://info.anu.edu.au/hr/Training_and_Development/OHS_Training/index.asp)
- '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](http://info.anu.edu.au/Policies/_DHR/Procedures/Employment_Medical_Procedures.asp)

## Potential Hazards

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

<b>Supervisor's Signature:</b>		<b>Print Name:</b>	Professor Imogen Mitchell	<b>Date:</b>	
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