THE UNIVERSITY OF
WESTERN
AUSTRALIA
SEEK WISDOM

Position Description

Position Title:	Senior Research Fellow
Position Classification:	Level C
Position Number:	
Faculty/Office:	Health and Medical Sciences
School/Division:	Population and Global Health
Centre/Section:	Cardiovascular Research Group
Supervisor Title:	Professor
Supervisor Position Number:	00062917

Your work area

Cardiovascular disease is the number one killer for Australians, yet most of these deaths are preventable. Cardiovascular research in UWA's School of Population and Global Health works to prevent cardiovascular disease and improve treatment by mapping patterns of disease, uncovering risk factors and testing ways to improve patient health.

The Cardiovascular Disease Epidemiology discipline includes researchers, epidemiologists, biostatisticians, health practitioners and students working together to provide information to reduce the burden of cardiovascular disease.

Reporting structure

Reports to: Professor Tom Briffa

Your role

You, as the appointee, will assist the Cardiovascular Research Group in the close out of a NMHRC Project grant. You will be intricately involved in running analytical techniques in a methodical manner, and will constantly evaluate alternate statistical models using theoretical approaches.

Your key responsibilities

Research and develop statistical models for data analysis

Collaborate with the investigative team to understand the project and devise relevant outputs

Be familiar with the associated research evidence

Prepare and communicate results, together with suggestions to key decision makers

Implement statistical or other mathematical methodologies as needed for specific models or analysis

Optimise joint development efforts through appropriate database use and project design

Your specific work capabilities (selection criteria)

Essential:

A PhD in health sciences or related field or demonstrate significant research experience

Practical experience with SAS or other major statistical software, data processing, database curation and data analytics

Experience in the analysis of linked / administrative datasets

Substantial background in data mining and statistical analysis

Able to understand data structures and common methods in data transformation

Excellent pattern recognition and predictive modelling skills

Highly developed written and verbal communication skills

Able to work collaboratively in a research team

Prepare manuscripts for publication, and other study outputs (eg. conference presentations)

Desirable:

Experience in analysis of health economic data

Experience with major cardiovascular conditions and co-morbidities

Experience in supervising research students

Compliance

Workplace Health & Safety

All supervising staff are required to undertake effective measures to ensure compliance with the Occupational Safety and Health Act 1984 and related University requirements (including Safety, Health and Wellbeing Objectives and Targets).

All staff must comply with requirements of the Occupational Safety and Health Act and all reasonable directives given in relation to health and safety at work, to ensure compliance with University and Legislative health and safety requirements. Details of the safety obligations can be accessed at http://www.safety.uwa.edu.au

Inclusion & Diversity

All staff members are required to comply with the University's Code of Ethics, Code of Conduct and Inclusion and Diversity principles. Details of the University policies on these can be accessed at http://www.hr.uwa.edu.au/policies/policies/conduct/code, http://www.web.uwa.edu.au/inclusion-diversity.