

<b>Position Title:</b>	Research Associate/Fellow (Statistics)
<b>Position Classification:</b>	Academic
<b>Faculty/Office:</b>	Faculty of Health and Medical Sciences
<b>School/Division:</b>	School of Biomedical Sciences
<b>Centre/Section:</b>	Centre for Genetic Origins of Health and Disease
<b>Supervisor Title:</b>	Associate Professor
<b>Supervisor Position Number:</b>	00085024

### Your work area

GOHaD (Centre for Genetic Origins of Health and Disease) is home to a multidisciplinary team of statistical and molecular geneticists, bioinformaticians, computer programmers and epidemiologists who collaborate with other medical researchers to determine the genetic, epigenetic and environmental contributions to risk of common disease. We have a major focus on translating this information into new genomic medicines, including diagnostic tools and risk models.

### Reporting Structure

Reports to: Associate Professor Jennifer Stone

### Your role

This position contributes to statistical analyses of several existing epidemiological studies investigating biological and environmental determinants in complex human disease, and improving health through dissemination of knowledge to both the scientific community and the public. Reporting to A/Prof Jennifer Stone, this position involves statistical analysis for a diverse programme of epidemiological and breast cancer screening research.

### Key responsibilities

Undertake statistical analysis of large, complex data sets

Lead preparation of research papers for publication in scientific journals in collaboration with the other group members.

Write and review scientific content for reports

Present research findings at national and international scientific forums.

Contribute to dissemination activities and workshops with key stakeholders

Other duties as directed.

### Your specific work capabilities (selection criteria)

PhD in epidemiology, statistics, health sciences or relevant field (exceptional Masters level graduates may be considered)

Sound knowledge of research methods in biostatistics and epidemiology

Experience and proven ability in data management and quantitative analysis of large, complex data including high level of proficiency with data analysis software (eg STATA, R, SAS or SPSS), merging data sets, data quality checking and multivariate regression techniques

Proven ability in the preparation and publication of manuscripts in peer-reviewed journals

Highly developed and effective interpersonal and communication skills

### Special Requirements

Nil

### Compliance

#### Workplace Health and 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>

### **Equity and Diversity**

All staff members are required to comply with the University's Code of Ethics and Code of Conduct and Equity and Diversity principles. Details of the University policies on these can be accessed at [http://www.hr.uwa.edu.au/publications/code\\_of\\_ethics](http://www.hr.uwa.edu.au/publications/code_of_ethics), <http://www.equity.uwa.edu.au>