

## Position Description – Research Fellow in Reproductive Pharmacoepidemiology

Updated 20 June 2025

### POSITION DETAILS

College	College of Medicine and Public Health
Organisational Unit	Clinical Pharmacology
Supervisor	Associate Professor Luke Grzeskowiak
Classification	Research (Academic) Level B
Employment Type	Fixed-term, full-time

### POSITION SUMMARY

The Research Fellow will undertake research in Reproductive and Perinatal Pharmacoepidemiology under the broad direction of the research group lead. The Reproductive and Perinatal Pharmacoepidemiology Research Group seeks to optimise women's and children's health through improvements in the quality, safety, and effectiveness of medication use. Our innovative program of research addresses medication use across the reproductive lifespan including menstrual disorders, contraception, conception, infertility, complications of pregnancy, adverse pregnancy outcomes, lactation, and menopause. Our group undertakes research utilising clinical trials, prospective cohorts, and large linked healthcare and administrative datasets.

In working with the group lead and research team, the position will collate and manage data across a range of projects and use analytical and statistical methods to generate evidence that informs policy and practice related to quality use of medicines and reproductive and perinatal health. The position will contribute to project design and implementation, the analysis of data and the preparation of manuscripts for publication. The Research Fellow will actively report on new and current research related to the research program, through generation of high quality publications and conference presentations. In addition the position will contribute to the preparation of applications for externally funded research funding.

### UNIVERSITY EXPECTATIONS AND VALUES

All staff at Flinders are responsible for understanding their obligations and responsibilities as set out in the University's code of conduct and are expected to:

- demonstrate commitment to the University's values of Integrity, Courage, Innovation, Excellence and the underlying ethos of being Student Centred;
- contribute to the efficient and effective functioning of the team or work unit in order to meet the University's objectives. This includes demonstrating appropriate and professional workplace behaviours, providing assistance to team members if required and undertaking other key responsibilities or activities as directed by one's supervisor;
- promote and support an inclusive workplace culture which values diversity and embraces the principles of equal opportunity;
- perform their responsibilities in a manner which reflects and responds to continuous improvement; and
- familiarise themselves and comply with the University's Work Health and Safety, Injury Management and Equal Opportunity policies.

### KEY POSITION RESPONSIBILITIES

The Research Fellow in Reproductive Pharmacoepidemiology is accountable for:

- Actively contributing to the research project by collaborating with the Research Team to successfully deliver project milestones and Key Performance Indicators.
- Independently contributing to the planning and execution of research by offering new and innovative ideas, reviewing relevant literature and other sources of information, actively participating in the production of data, contributing to the writing and editing of grant applications and attending seminars, meetings and conferences.
- Playing a lead role in coordinating, planning and executing the project tasks required to collaborate with industry partners.
- Writing clearly documented programs in Stata/R to prepare data for analysis (including data cleaning, merging datasets, creating new variables), perform statistical analyses and generate reports.
- Independently contributing to ethical, high quality and innovative research and evaluation through activities such as scholarship, publishing in recognised high quality journals and assisting the preparation and submission of bids for external research funding.
- Supervision of honours and post graduate research projects.
- Establishing and maintaining collaborations within the University, and at State, national and international levels in order to improve research outputs, patents and publications.
- Some out of hours work (including weekends) as well as rural SA, interstate and overseas travel, may be required.
- Any other responsibilities in line with the level of the position as assigned by the Supervisor and/or the University.

*A National Police Certificate which is satisfactory to the University will be required by Flinders University before the successful applicant can commence in this position.*

*In addition, it is a requirement of this position that the incumbent maintain a current Working With Children Check which is satisfactory to the University in accordance with the Child Safety (Prohibited Persons) Act 2016 (SA).*

### KEY POSITION CAPABILITIES

- Completion of a postgraduate or PhD in epidemiology, statistics, biostatistics, public health, with a strong component in epidemiology and biostatistics, or a related degree.
- Demonstrated research experience in terms of publications in high quality journals, attraction of external competitive grants and presentations at a national and/or international level, preferably related to reproductive/perinatal health.
- Demonstrated ability to work with health data collected through primary data collection (e.g. clinical trials and cohort studies) or the use of large administrative health datasets.
- Demonstrated excellent analytical skills with the ability to collect, organise, and analyse health related data with attention to detail and accuracy.
- Demonstrated experience in writing reproducible statistical code utilising analytical software (preference for Stata or R).
- Demonstrated experience in quantitative research methodology.
- Demonstrated experience delivering project targets on time.
- Demonstrated ability to plan and execute data collection and analysis.
- Demonstrated well-developed interpersonal skills and experience in collaborating and engaging with diverse stakeholders and industry partners.

- Demonstrated ability to critically review the literature in relevant fields.
- Demonstrated experience to undertake collaborative research and establish and maintain effective relationships with staff and industry.
- Demonstrated excellent oral and written communication skills in an academic environment.