POSITION DESCRIPTION

Research Associate (Level A)

Position Level | A
Faculty/Division | Medicine & Health
Position Number | 00161746
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Position Summary
The Research Associate (Level A) will be responsible for working on epidemiological research projects focused on children and families, primarily using linked health and human services data.

The Research Associate will be required to prepare analysis-ready linked datasets from multiple health and human services data sources and apply complex statistical methods to analyse linked data for the research projects. You will also be required to contribute to the development of research protocols and analysis plans; draft research publications and reports; work closely with academic collaborators locally, nationally and internationally; and liaise with stakeholders including government agencies, service providers, and community organisations. In addition, you may also contribute to the development of grant applications/tenders and supervision of junior research staff and/or students, as appropriate.

The role reports to the Senior Lecturer and has no direct reports.

Accountabilities
Specific accountabilities for this role include:

- Critically review the literature on epidemiological and statistical methods to inform the development of analysis plans.
- Draft data management and data analysis plans, with input from the research team.
- Implement the data management plan to prepare analysis-ready datasets from linked datasets, including data cleaning and manipulation, using software such as Stata, R and/or SAS.
- Execute statistical analysis of linked data, with academic supervision, using statistical packages such as Stata, R and/or SAS.
• Draft scientific papers, protocols and conference abstracts, with academic supervision.
• Contribute to the project management of research projects to the highest scientific and ethical standards.
• Conduct systematic reviews of the literature to answer research questions.
• Draft applications and contribute to ongoing reporting to the relevant ethics committees and data custodians for research projects.
• Present research findings at meetings, workshops and conferences.
• Contribute to drafting new research proposals and tenders for contract research and grant applications, when required.
• Provide data and analysis support to other researchers, students, and collaborators, working on research projects, where required.
• Complete other activities, as requested by the Supervisor.
• Align with and actively demonstrate the UNSW Values in Action: Our Behaviours and the UNSW Code of Conduct.
• Cooperate with all health and safety policies and procedures of the university and take all reasonable care to ensure that your actions or omissions do not impact on the health and safety of yourself or others.

Skills and Experience
• Postgraduate degree (or near completion) in biostatistics, epidemiology, public health, computer science, psychology or a related discipline, and/or relevant work experience.
• Demonstrated track record of research in a health-related area, which has resulted in publications and conference presentations relative to opportunity.
• Demonstrated experience in the management and analysis of large, complex health datasets, including experience using statistical packages such as Stata, R and/or SAS.
• Demonstrated ability to work in a team and work effectively with colleagues and collaborators.
• Evidence of highly developed interpersonal and communications skills, including the ability to interact with a range of stakeholders.
• Evidence of good written communication skills, including specific contributions to drafting research publications and/or reports.
• An understanding of and commitment to UNSW’s aims, objectives and values in action, together with relevant policies and guidelines.
• Knowledge of health and safety responsibilities and commitment to attending relevant health and safety training.

Pre-employment checks required for this position
• Verification of qualifications.
• Criminal record check.

About this document
This Position Description outlines the objectives, desired outcomes, key responsibilities, accountabilities, required skills, experience and desired behaviours required to successfully perform the role.

This template is not intended to limit the scope or accountabilities of the position. Characteristics of the position may be altered in accordance with the changing requirements of the role.