Job Description

POSITION TITLE: Biostatistician

LOCATION: SAHMRI, North Terrace

REPORTS TO: Registry General Manager

DEPARTMENT: ANZDATA Registry

PURPOSE AND SCOPE OF THE POSITION

The Biostatistician will provide statistical support to the ANZDATA and ANZOD Registries at SAHMRI. This includes participation in internal projects including analyses for reports, various quality improvement projects and research projects, as well as providing support for the Registry to respond to requests from other parties for analysis of data. ANZDATA is a large observational Registry including all people treated with dialysis and kidney transplantation throughout Australia and New Zealand; the ANZOD Registry collects data on deceased solid organ donors. The Registries provide a large number of analyses of these data, including a variety of quality assurance reports together with an active research program (both internal and in collaboration with external stakeholders). The nature of the data collection leads to the application of a variety of statistical techniques and approaches. Most of the analyses currently are performed using Stata software.

Reporting to the Registry Manager the position will also work closely with the Executive Officer, other Biostatisticians and other registry research staff (both medical and scientific). The role will also interact with a range of external stakeholders including contributors to the ANZDATA and ANZOD registries from around Australia and New Zealand, together with a wide range of collaborating groups.

There are no direct reports for this role.

KEY RESPONSIBILITIES

The specific duties include:

o Providing accurate and timely analysis of statistical information pertaining to the ANZDATA and ANZOD Registries, particularly in response to requests from contributing renal units, other collaborating parties and government and academic bodies

o Performing statistical analyses of research projects undertaken within the ANZDATA and ANZOD Registries

o Providing explanation of results to requesting parties both in writing and verbally

o Assisting with biostatistical issues and analyses as they affect ANZDATA and ANZDATA, including performance of survival analyses, analysis of rates, multiple logistic and linear regression

o Complying with all SAHMRI policies and standard operating procedures, as well as regulatory requirements for programming, analysis and reporting of research projects

o Participate in special projects to continuously improve processes, tools, systems and organisation.

o Take reasonable care to protect own health, safety and welfare at work and avoid affecting the health and safety of any other person at work.

o Participate in the implementation of the Institute's Work, Health and Safety Management System and related laws, regulations and guidelines.

- o Ensure that duties are performed in keeping with the principles outlined in SAHMRI's Vision, Mission and Values and the **Code of Conduct Policy.**

SPECIAL REQUIREMENTS

- o Some out of hours' work may be required.
- o Possible travel interstate or overseas.
- o Must be vaccinated in accordance with SAHMRI Vaccination Policy.

Person Specification

QUALIFICATIONS

o Essential requirement: Relevant degree in statistics or biostatistics
o Desirable: Postgraduate research degree (Master's or PhD or equivalent)

EXPERIENCE, KNOWLEDGE AND SKILLS

o Demonstrated knowledge and experience of statistical analysis of complex research data
o Use and experience of appropriate statistical programs (especially Stata and SAS).
o Ability to collaborate with a small team, researchers and staff of other institutions in the health care system and other organisations
o Experience working with health data
o Demonstrated high level written and oral communication skills
o Ability to explain and interpret results of statistical analyses to others
o Willingness to assist unit researchers and other to meet deadlines
o Demonstrate ability in interpreting and writing statistical sections of research papers or other reports
o Interpersonal skills that will create collaborative links with other statisticians on behalf of the unit
o Ability to work within time frames, ensuring that deadlines are met
o Efficient time management skills, to ensure a high quality of work is completed within required time frames.
o Support SAHMRI's commitment to reconciliation and acknowledge the importance of working in partnership with Aboriginal and Torres Strait Islander People
o Able to demonstrate the following SAHMRI Values and Culture:

  ➢ **Excellence** – Bold, Driven, Dynamic
  ➢ **Innovation** – Persistent and Focused
  ➢ **Courage** – Collaborative and Enabling
  ➢ **Integrity** – Embrace Diversity, Demand Equity
  ➢ **Teamwork** – Friendly, Fast, Flexible, Fun