

Position Description – Statistician / Biostatistician

We are here to

Enable people to make and act on the best decisions about medicines, health technologies and other options for better health and economic outcomes.

Our work will

Ensure people can access the best care and achieve the best value, considering individual circumstances.

Courage Customer Centricity Collaboration Integrity Accountability

About the role – Based in Sydney

NPS MedicineWise has established an excellent reputation for our work in programs, products and services to improve the quality use of medicines and medical tests in Australia. This role is responsible for evaluating the impact of NPS MedicineWise programs on medicine and medical test utilisation with a focus on using time-series analysis.

Key responsibilities

1. Develop and apply appropriate statistical methods (with a particular focus on time-series), and SAS programs to explore and analyse medicine and medical test use in PBS and MBS datasets
2. Contribute to writing report and journal articles
3. Effectively communicate methods and finding to a range of audiences at meetings and conferences.
4. Undertake data management tasks, including data manipulation, coding, cleaning, formatting and documentation.
5. Provide technical advice to internal and external stakeholders
6. Contribute to research activities and assist with economic evaluation of programs
7. Undertake other duties as required by your manager including assisting the organisation in the ongoing management of data security and acquisition of data from vendors.

General corporate responsibilities

1. Carry out responsibilities in the role in a manner that is consistent with NPS MedicineWise competencies and values
2. Proactively work towards and meet agreed annual and interim performance indicators
3. Take responsibility for WHS in accordance with policy and relevant legislation
4. Be aware of responsibilities to identify, reduce and report risks to our business in accordance with the NPS MedicineWise Risk Management Policy.

Challenges you'll encounter

- Working on multiple and complex projects with tight timeframes
- Adapting established methods and developing novel statistical methods to address complex evaluation methods
- Collaboration with a diverse cross functional team and build on current capacity

Role Requirements

- A postgraduate degree in Biostatistics or Statistics (new graduates will be considered)
- Demonstrated experience with SAS a for statistical analysis, data manipulation and data visualization
- Demonstrated experience to conduct time series and longitudinal data analyses

- Good verbal and written communication skills
- Australian citizen willing to undergo baseline security check

Role Desirables

- Experience using linked data
- Demonstrated experience using R
- Experience with health-related administrative data such as PBS and MBS
- Understanding of Bayesian analysis
- Understanding of Australian health care system

Last updated: Nov 2018
