

VACANCY

Job title:	Senior Statistician
Division:	Wits Planetary Health Research
Type:	Permanent ☒ Fixed Term ☐ Temporary ☐
Main purpose of the job:	To design, lead and manage the WPHR quantitative sciences portfolio, focusing on analysis of climate and health data using traditional biostatistics and/or data science methods.
Location:	Parktown, Johannesburg
Closing date:	03 July 2026
Submit detailed CV to:	vacancies33@witshealth.co.za
Advert reference number:	Snr Statistician-01
In accordance with our Employment Equity goals and plan, preference will be given to suitable applicants from designated groups as defined in the Employment Equity Act 55 of 1998 and subsequent amendments thereto.	

Key performance areas

- Write data analysis plans for grant proposals and study protocols.
- Manage and oversee data science and related quantitative sciences, staff.
- Provide support for the project teams in planning, implementation and monitoring of project activities, including tracking tools.
- In conjunction with the Scientific Lead and project team, oversee the preparation of data for analysis of health outcomes and environmental exposures across Africa.
- Write progress reports of data analysis for stakeholders, including networks and funders.
- Participate in data science analyses with other partners and external stakeholders.
- Assist with coordinating the inputs of partners on data analysis plans in grant applications
- Stay abreast with relevant data analysis advances and collaborate closely with other investigators on related studies.
- Publish scientific publications and compile conference presentations, and supervise PhD students, where relevant
- Generate ideas for data analyses and novel approaches to investigating the data.
- Offer thought leadership on policy implications and future research needs based on emergent research findings.
- Participate in discussions regarding the future direction of the research within Climate Change and Health.
- Provide thought leadership on how to best structure research activities in the team and amongst partners.
- Supervise and manage the data and statistical analysis team to ensure optimal employee engagement.
- Identify, supervise and provide clear direction to consultants supporting the analysis activities.
- Perform and facilitate coaching sessions with the team to develop their skills in statistical analysis
- Coach and train team members to ensure the acquisition of knowledge and skills required by the organisation.
- Promote harmony, teamwork and sharing of information.

Required minimum education and training

Master of Science in biostatistics or data science (a PhD will be an added advantage).

Required minimum work experience

Minimum of 5 years' experience with statistical analysis, and experience working in an environment that involves the application of public health principles will be advantageous.

Desirable additional education, work experience and personal abilities

- Good writing and data visualization skills.
- Experience in time series analysis in climate change advantageous.
- Ability and experience working in multi-disciplinary teams.
- Strong R or Python programming skills.
- Experience in managing sensitive data (e.g. according to the POPI Act).
- Previous experience in statistical analysis of large health projects would be of added value.
- Experience working with large and complex datasets (e.g., remote sensing, health data, climate model data).
- Able to work under pressure and adhere to deadlines.
- Maintain effective working relationships with all internal and international project partners.

Should you be interested in applying for this vacancy, please send an email to vacancies33@witshealth.co.za. The subject heading of the email must read **Snr Statistician-01**, and the job title of position applying for. Please include the following documentation:

- A cover letter (maximum one page) that clearly states which vacancy you are applying for
- A detailed CV