



## Junior Research Scientist - Biostatistician

COLLEGE OF XX  
SCHOOL/INSTITUTE OF XX

### GRADE 6

#### Job Purpose

A Junior Biostatistician works under the supervision of more senior staff, carrying out statistical programming, analyses, reporting, validation, and teaching [if applicable].

#### Main Duties and Responsibilities

1. To contribute to primary research objectives, supporting research projects to deliver optimal outcomes
2. To work under supervision on assigned projects, carrying out statistical tasks [programming, writing analysis plans and reports, and contributing to manuscripts for publication]
3. To undergo training in more advanced statistical methods, and statistical programming
4. To carry out statistical consultancy under the direction and guidance of other
5. To meet with and present results to external collaborators, with support from more senior staff
6. Where relevant, to contribute to the delivery of appropriate teaching and associated materials
7. To comply with relevant Standard Operating Procedures [SOPs] and production of internal statistical documentation
8. To participate in internal and external audit
9. To contribute to relevant administrative tasks, as directed by senior staff
10. Undertake any other reasonable duties as required by the Director of Institute/Head of School
11. To contribute to the enhancement of the University's international profile in line with the University's Strategic Plan, [Inspiring People Changing The World](#)

## **Qualifications**

- SCQF Level 10 [Honours degree] in a relevant subject or a cognate discipline, or equivalent
- Demonstrable knowledge of relevant statistics and statistical analysis
- Basic understanding of study design, appropriate to the relevant discipline or research project

## **Desirable**

- An awarded [or recently submitted or near completion] PhD in statistics, statistics and mathematics or biostatistics

## **Knowledge and Skills**

### ***Essential***

- Clear statistical programming skills, including extensive IT and data analysis/interpretation skills
- Excellent communication skills [oral and written], including public presentations and ability to communicate complex and/or large volume data clearly and concisely
- Excellent interpersonal skills including team working and a collegiate approach
- Appropriate workload and prioritisation skills, including the ability to balance competing demands whilst sustaining and quality output
- Self-motivation, initiative and independent thought/working
- Problem solving skills including a flexible and pragmatic approach

### ***Desirable***

- Statistical programming skills using SAS.

## **Experience**

### ***Essential***

- Experience of statistical programming, handling high volume, complex and sensitive data
- Experience of interpreting the requirements of others and generating high quality work to meet research objectives
- Experience of working collaboratively with others towards a common goal.

### ***Desirable***

- Experience of working in a similar biostatistician role