Associate Research Scientist - Biostatistician

COLLEGE OF XX
SCHOOL/INSTITUTE OF XX

GRADE 7

Job Purpose

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

Main Duties and Responsibilities

1. To contribute to the primary research objectives, supporting research projects to deliver optimal outcomes

2. To work independently and under supervision on assigned projects, carrying out statistical tasks [programming, writing analysis plans and reports, and contributing to manuscripts for publication].

3. To contribute to grant funding applications.

4. To carry out validation of other biostatisticians' work.

5. To act as a mentor for more junior statistical staff.

6. To undergo training and gain experience in more advanced statistical methods, and statistical programming.

7. To carry out statistical consultancy under the direction and guidance of others.

8. To meet with and present results to external collaborators.

9. To contribute to external project meetings, conferences, and scientific committees.

10. To contribute to relevant research or Institute/College/University meetings and committees.

11. Where relevant, to deliver teaching courses and contribute to the creation of associated materials

12. Where relevant, to act as a co-supervisor for postgraduate research students. To meet deadlines set by senior staff.

13. To comply with relevant Standard Operating Procedures [SOPs] and production of internal statistical documentation.

14. To contribute to the development of relevant Statistical SOPs.

15. To participate in internal and external audits.

16. To collaborate with internal and external partners on the design and implementation of research projects.

17. Undertake any other reasonable duties as required by the Director of Institute/Head of School.

18. 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

- Postgraduate qualification [Scottish Credit and Qualification Framework level 11, Masters Degree or equivalent professional experience]

- Good knowledge of relevant statistics and statistical analysis

- Demonstrable 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.

- Basic knowledge of appropriate guidelines applicable to the discipline.

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 to a varied audience, including non-statisticians.

- 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

- Demonstrable experience in a similar biostatistician role, carrying out similar duties to a high standard

- Demonstrable 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 co-authorship of peer-reviewed publications.

- Statistical grant-holder, or named clinical trial statistician.