Statistical Officer

Agricultural Research (Ruminant Livestock)

May 2022

Dear Applicant,

Ref: Statistical Officer – Information and Application Pack

Thank you for your interest in the position of Statistical Officer at AgriSearch.
The information pack includes the following documents which you should refer to when completing your application:

- Job description
- Person specification
- Application form.

Completed forms should be submitted by **2pm** on **Monday 30th May 2022.**   .

Interviews will be held on **week beginning 20th June 2022** in the Greater Belfast area,

May I take this opportunity to thank you for your interest in AgriSearch. We look forward to receiving your application.

Yours faithfully,

Jason Rankin
General Manager

Statistical Officer – Job Description

The Company
The Northern Ireland Agricultural Research and Development Council (T/A AgriSearch), is a charitable organisation whose mission is to drive innovation and sustainability in ruminant livestock farming, as a trusted, valued conduit of knowledge and innovation based on sound science, and widely applied research.

Purpose of Role:

This is an exciting opportunity to take on a highly varied role within AgriSearch, with responsibility for developing a secure central database and overseeing experimental design, data analysis and interpretation across a wide range of projects and functions.

Reporting to the General Manager the Research Manager will have responsibility for:

- Developing a secure central database for all data collected from AgriSearch trials, combined with ongoing management and analysis of data;
- Developing APIs to import data from existing systems (e.g. weather stations, farm management software etc);
- Data cleaning and validation: Extract, clean, investigate, analyse and report AgriSearch trial data according to statistical analysis plans and programming specifications using appropriate software;
- Creating procedure manuals and back-up procedures to facilitate business continuity and access to secure datasets by authorised personnel.
- Creating reports on multiple data sets;
- Conducting appropriate statistical analysis of key datasets arising from AgriSearch studies;
- Providing specialist advice on experimental design and analysis to other members of the AgriSearch team and other organisations; and
- Ensuring AgriSearch complies with all GDPR requirements.

Person Specification

Essential:

- Graduated to degree level of 2:1 or above in an analytical or quantitative discipline;
- Excellent IT skills and 2+ years related experience in developing data storage solutions and investigating and analysing large data sets;
- Demonstrable track record of maintaining expertise in your discipline and continual professional development
- Effective organisational skills including ability to work on own initiative.
- Proven record of producing and presenting reports summarising results of data analysis;
- Demonstrable understanding of confidentiality, in the context of GDPR requirements

- Good interpersonal and persuasive skills

Desirable:

- A Master's Degree in Statistics / Statistical Science / Statistical Data Analytics / Data Science or equivalent ;
- Knowledge of ruminant livestock systems;
- Big data experience

Hours of work: 37.5 hours per week

Based at: Hillsborough (flexible working within Northern Ireland may be considered)

Salary: Circa £32,500 depending on skills and experience

Contact Term: Permanent