



Job Description

Please use **BLACK INK** and **BLOCK LETTERS** if completing by hand

Section 1 – Job Details

Job Title	Epidemiological Support Scientist	Location	APHA Weybridge
Grade/Pay Band	EO	Business Unit	Department of Epidemiological Sciences

Section 2 – Purpose of the job

To contribute to profile of epidemiological research and surveillance projects in the fields of national and international veterinary public health within the Epidemiological Sciences workgroup at Weybridge.

Section 3 – Main Areas of Responsibility

To contribute to profile of epidemiological research and surveillance projects in the fields of national and international veterinary public health within the Epidemiological Sciences workgroup at Weybridge.

The post holder will be responsible for delegated epidemiological tasks within research and surveillance projects of the Department of Epidemiological Sciences (DES) and APHA Science departments.

Main duties include:

- Designing projects documents - protocols, questionnaires, data collection forms and schedules
- Conducting appropriate descriptive analysis on large animal health datasets.
- Producing progress & final reports for research projects, disease surveillance reports and publication of scientific findings.
- Ensuring work meets relevant quality standards
- Providing flexible support to DES as required in response to changing work requirements and priorities

The post requires the delivery of prompt and efficient service to customers; contributing effectively to meeting expectations and alert to early signs of problems in order to negotiate any necessary changes and manage expectations. The post holder will need excellent organisational skills in order to manage the work requirements and be responsive to changing work requirements and priorities with the ability to proactively adapt and implement change - engaging with new approaches and identifying ways to simplify or speed up processes of their job. Exhibit a positive attitude even when problems arise and will strive to learn from experience, sharing this knowledge with others.

Section 4 – Other Information

Competences

Applying Scientific and Technical Expertise (non-core, specialist Science & Engineering)

The post holder should have an interest epidemiology and veterinary public health. A relevant science degree is essential with demonstrated technical ability in handling quantitative data e.g. data cleaning, validation and results reporting. IT skills must include competency with MS Word and Excel. The ability to conduct descriptive analysis is essential and basic statistics is highly desirable. Additional desirable experience includes the design of project documents (protocols, questionnaires, data collection forms and schedules), field-based sampling work, knowledge of GB livestock industries and some familiarity with MS Access, Stata and ArcGIS.

Communicating with impact (non-core, specialist Science & Engineering)

The post holder must be able to speak confidently in meetings with colleagues and managers; with clear and structured written and verbal communication. They must be able to explain science meaningfully to colleagues and be able to write clearly and accurately for example in project reports, scientific papers and presentations. The post holder will need to contribute effectively to meetings; offering ideas and seeking advice from colleagues. Confident communication with the farming community and veterinarians will be required. Experience of writing peer-reviewed

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scientific publications would be beneficial.

Delivering at Pace (Core competency)

Making Effective Decisions (Core competency)

Other Information

Staff (excluding under 18 year olds) may be required to work rostered weekends, Bank Holidays and occasional evenings. APHA Management reserves the right to change overtime patterns to meet requirements. You may be eligible for overtime payments and where overtime is approved you will receive appropriate payment.

Depending on the areas of work involved you will be expected to have any necessary vaccinations or health surveillance. This will be arranged by the Health Team, Weybridge. It may also be necessary to undergo a pre-employment medical assessment.

APHA and DES support the ongoing training and career development of staff and opportunities are available to the post holder through Civil Service Learning and external scientific training providers.

Out of hours work may be required in the event of an incident.

Due to access requirements to biosecure areas, individuals must be physically able.

Travel will be required to attend training courses and undertake farm visits. You must have a valid driving licence.

DUTIES

- ✓ Designing projects documents - protocols, questionnaires, data collection forms and schedules
- ✓ descriptive analysis on large animal health datasets.
- reports for research projects.
- ✓ interest epidemiology and veterinary public health.
- ✓ relevant science degree
- ✓ IT skills must include competency with MS Word and Excel.
- ✓ familiarity with MS Access, Stata and ArcGIS.
- ✓ conduct descriptive analysis is essential and basic statistics is highly desirable.
- ✓ design of project documents (protocols, questionnaires, data collection forms and schedules),

CORE COMPETENCIES

- ✓ **Delivering at Pace**
- ✓ **Making Effective Decisions**
- ✓ **excellent organisational skills**
- ✓ **Ensuring work meets relevant quality standards**
- ✓ **alert to early signs of**
- **a positive attitude AND strive to learn from experience,**

NON-CORE COMPETENCIES

- ✓ **efficient service to customers;**
- ✓ **speak confidently written and verbal communication.**
- ✓ **Confident communication with the farming community and veterinarians will be required.**
- ✓ **field-based sampling work,**
- **knowledge of GB livestock industries**
 - ✓ flexible support
- sharing this knowledge with others
- TEAMWORK
- WORK ETHICS AND INTEGRITY

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