**JOB DESCRIPTION**

This form summarises the purpose of the job and lists its key tasks

It may be varied from time to time at the discretion of the College in consultation with the postholder

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| **Job Title: Research technician in Wild Rodent Fieldwork** | **Job ref no: PPS-0222-23** |
| **Grade: 4** | **Department: Pathobiology and Population Sciences** |
| **Accountable to: Dr Jayna Raghwani** | **Responsible for:** |

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| **Job summary:**  The postholder’s key role will be to lead field activities to investigate virus transmission dynamics among wild rodents across temporal and spatial scales. The data generated from the fieldwork will contribute to developing and optimising new methods for inferring epidemiological dynamics and advancing fundamental understanding of how viruses circulate in wild rodent populations.  The postholder will be responsible for the day-to-day organisation and running of field activities. Specifically, they will trap wild rodents, collect non-invasive faecal samples and morphometric data, and manage a set of RFID loggers to track spatial movements and social networks, using a well-established capture-mark-recapture study of wood mice (Apodemus sylvaticus) in Wytham Woods, Oxfordshire. They will also take a leading role in curation of the resulting data and samples, and support maintenance of field equipment. |
| **Competency: Knowledge & Experience**  **Key tasks:**   * Use expertise in small mammal live-trapping and ecology to collect biological and ecological data from a longitudinal capture-mark-recapture wild rodent study in Wytham Woods, Oxfordshire. |
| **Competency: Decision making**  **Key tasks:**   * Prioritise the workload in such a way as to ensure that the research demands of the group are met in an efficient and effective manner. |
| **Competency: Planning & Organising** **Key tasks:**   * Plan and execute field research using small mammal live-trapping methods in conjunction with other team members. * Supervise and organise fieldwork, including undergraduate and master students, in conjunction with supervisors. |
| **Competency: Initiative & Problem solving**  **Key tasks:**   * Deal with minor routine issues by referencing to standard operating procedures (SOPs) and problem solving. * Support maintenance of field equipment, referring more complex or unusual issues to the PI. |
| **Competency: Communication**  **Key tasks:**   * Communicate effectively with all relevant team members (technicians, PhD students etc) * Attend regular meetings with the project supervisor. * Participate in College activities such as seminar series, training workshops, lab meetings and journal clubs. |
| **Competency: Teamwork & Motivation**  **Key tasks:**   * Effectively work as part of a team and motivate other team members. |