University of Nottingham
UK | CHINA | MALAYSIA

Job title	Research Fellow	**Job family and level**	Research Level 4
School/ Department	School of Veterinary Medicine and Science	**Location**	Sutton Bonington campus

Purpose of role

The occupant of this role will deliver on a specific grant; the **REMEDY plus project** (mainly computer coding a BVD infection model utilising REMEDY simulation model). They will also provide a role model that promotes a positive research culture.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	**% time per year**
1	Plan, develop, manage and conduct the research required to complete the REMEDY plus project, and to undertake research as requested (mainly computer coding a BVD infection model utilising REMEDY simulation model). Help with additional analytics and coding as requested by the project PIs. Write peer reviewed journal articles of international quality.	85%
2	Write and deliver seminars and conference papers at national and/or international conferences.	5%
3	Operate as an effective team member within the ruminant population health team, undertaking some organisational responsibilities and specifically integrating widely into School research teams, establishing research collaborations (internal and external).	5 %
4	Undertake administrative, teaching and any other relevant tasks as reasonably requested by the head of group. Update professional skills as appropriate.	5%

Person specification

	Essential	**Desirable**
Skills	• Evidence of advanced skills in coding in Python, including database creation and integration. • Ability to work independently as well as part of a team • Ability to develop new links and collaborations • Ability to undertake day-to-day management of a significant research project	• Knowledge/demonstrable skills in livestock infectious disease • Knowledge/demonstrable skills in quantitative epidemiology, statistics or machine learning.
Knowledge and experience	• Track record of conducting high level research • Track record in and substantial experience of coding in Python. • Track record of successful, timely delivery of research projects.	• Experience of leadership of research projects • Track record of interactions with research collaborators • Post-doctoral experience in an area that includes substantial use of complex coding using Python Track record of publishing high quality publications Track record of working successfully in a collaborative research team
Qualifications, certification and training (relevant to role)	• PhD in computer science, veterinary science, agricultural science, or equivalent	• Further postgraduate qualifications in veterinary medicine, animal health, epidemiology or statistics

Athena SWAN Silver Award

The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.

Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people   Is always equitable and fair and works with integrity. Proactively looks for ways to develop the team and is comfortable providing clarity by explaining the rationale behind decisions.

Taking ownership   Is highly self-aware, looking for ways to improve, both taking on board and offering constructive feedback. Inspires others to take accountability for their own areas.

Forward thinking   Driven to question the status quo and explore new ideas, supporting the team to "lead the way" in terms of know-how and learning.

Professional pride   Sets the bar high with quality systems and control measures in place. Demands high standards of others identifying and addressing any gaps to enhance the overall performance.

Always inclusive   Ensures accessibility to the wider community, actively encouraging inclusion and seeking to involve others. Ensures others always consider the wider context when sharing information making full use of networks and connections.

Key relationships with others

Line manager   Senoir Research Fellow

Role holder   **Research Fellow**

Key stakeholder relationships   Postgraduate students   Colleagues   Undergraduate students