



Job title	Assistant Professor in Antimicrobial Resistance and One Health	Job family and level	Research and Teaching Level 5
School/ Department	School of Veterinary Medicine and Science	Location	Sutton Bonington campus

Purpose of role

The occupant of this role will develop a research programme that synergises with ongoing Antimicrobial Resistance and One Health research within the School of Veterinary Medicine and Science (SVMS), applications that use artificial intelligence-driven approaches to this research area are especially welcome. They will be developing a career-appropriate track record in both research and teaching and will contribute to the undergraduate and postgraduate courses in the School of Veterinary Medicine and Science. 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	<p>Research and knowledge exchange</p> <ul style="list-style-type: none"> ▪ To lead, plan, develop and conduct both individual and collaborative research objectives, projects and proposals both as an individual and as part of the broader programme of research within the school. ▪ To develop an international reputation for high quality research, and regularly disseminate research findings through publications and other appropriate media. ▪ To generate income by developing and winning support for innovative research proposals and funding bids. ▪ To supervise and examine post graduate masters and PhD students. ▪ To build relationships and collaborate actively with internal and external contacts, nationally and internationally to complete research projects and to advance the discipline. 	70%
2	<p>Teaching, learning and assessment</p> <ul style="list-style-type: none"> ▪ To teach, tutor and supervise both undergraduate students on the veterinary curriculum and postgraduates. ▪ To help maintain an innovative clinically integrated veterinary curriculum and participate in the flexible delivery of the course. 	15%

3	<p>Administrative/general</p> <ul style="list-style-type: none"> ▪ Any administrative duties appropriate to the grade and role in support of the administration of the School. ▪ Contribute to School marketing and recruitment activities (including outreach, open days and admissions). 	5%
4	<p>Other</p> <ul style="list-style-type: none"> ▪ Undertake appropriate training and continuous professional development. ▪ Develop clinical and/or educational collaborations within and outside of the University. ▪ To forge and maintain appropriate collaborations within and outside the University. ▪ To assist with the efficient and effective completion of the work of the School. 	10%

Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none"> ▪ Excellent communication and interpersonal skills. ▪ High level analytical capability to facilitate conceptual thinking, innovation and creativity. ▪ Ability to build relationships and collaborate with others, internally and externally. ▪ Ability to work effectively as part of a national and international team. ▪ Good time management skills and ability to manage own workload. 	
Knowledge and experience	<ul style="list-style-type: none"> ▪ A clear plan for development of a sustainable research programme in AMR/One Health. ▪ Proven track-record of publishing high impact research of international quality on the study or control of AMR/One Health. ▪ Evidence of securing collaborative funding in the area of AMR/One Health. ▪ Experience in AI approaches ▪ Desire to collaborate widely and integrate with existing research groups at the School of Veterinary Medicine and Science, and wider University. 	<ul style="list-style-type: none"> ▪ Proven ability to conduct research of international quality using AI ▪ Experience in the application of AI to AMR and One Health research. ▪ Proven experience in bioinformatics, omics, statistics or big data mining ▪ Evidence of participation in multi-disciplinary collaborations. ▪ Evidence of engagement in knowledge exchange activities.
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none"> ▪ PhD in a relevant discipline ▪ Satisfactory basic disclosure obtained from the Disclosure and Barring Service. 	<ul style="list-style-type: none"> ▪ PhD in mathematics, bioinformatics or computer science with biological or one health experience. ▪ Teaching qualification in higher education.



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

