UNIVERSITY OF SURREY

Academic Role Profile

Job Title:	Lecturer (B) (Research and Teaching Track)

Responsible to:	Head of School

Responsible for:	Research staff employed on programmes and awards directed by the post holder. May have supervisory responsibility for other staff.

Job Summary and Purpose
To develop a personal research portfolio in line with the Faculty's research strategy, to teach at undergraduate and postgraduate level, and to participate in Faculty administration.

Main Responsibilities/Activities
To support the research activities of the Faculty by: Developing the research activities of the Faculty by sustaining a personal research plan independently and/or in collaboration with others as part of a larger research team. Managing and undertaking research activities in accordance with a specific project plan, and supervising and guiding the work of staff and research students on own specialist area. Developing innovative research proposals (as a self-contained item or as part of a broader programme), identifying sources of funding, submitting funding bids, and gaining positive reviews for these. Planning the research to be undertaken. Publishing original research in appropriate journals or other media, as appropriate. Attending appropriate conferences for the purpose of disseminating research results or for personal development. Sustaining and developing professional expertise and maintaining the requirements for registration with the appropriate body (*for academics with clinical links only*). **To support the teaching objectives of the Faculty by**: Developing new teaching methods and designing programme units, and taking responsibility for the quality of programme units. Planning, delivering and critically reviewing a range of teaching and assessment activities including lectures. Training and supervising of students (including research students) and acting as a tutor for industrial/professional training year students, according to own area of subject specialism. Setting/marking programme work, practical sessions, supervisions, fieldwork and examinations according to own area of subject specialism, and providing appropriate feedback to students. Taking part in activities such as validating and examining in relation to the University's associated institutions.

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To undertake pastoral care of students

Using listening, interpersonal and pastoral care skills to deal with sensitive issues concerning students and provide support. Appreciating the needs of individual students and their circumstances. Acting as personal tutor and giving first line support. Referring students as appropriate to services providing further help.

To engage in scholarship by:

Continually updating knowledge and understanding in the field or specialism. Extending, transforming and applying knowledge acquired from scholarship to teaching, research and appropriate external activities.

To contribute to the efficient management and administration of the Faculty by:

Performing such personal administrative duties throughout the Faculty as are recognised by the University as properly within the remit of the work of academic staff, as allocated by the Head of Faculty. Such duties may include Faculty co-ordinating roles, for example, running the process of admissions, examinations or teaching quality assessment.

Advising, supervising and giving guidance to other staff

Person Specification

The post holder must have:

An honours degree or an appropriate and equivalent professional qualification in a relevant subject

Normally a doctoral degree

Normally former experience of working as a lecturer

Evidence of administrative and organisational skills

Evidence of current research/scholarship at post-doctoral level or equivalent

Relationships and Contacts

The post holder will be a member of such Faculty Committees as may be relevant to their administrative duties, for example Faculty Board of Studies and Examination Board. New appointees will be assigned a senior colleague to guide their development and aid their integration into the Faculty and university. Research priorities will be agreed within the strategic framework of the research theme of which they are a member. Teaching and administrative duties will be allocated by the Head of Faculty, within the context of the teaching programmes agreed by the Faculty Learning and Teaching Committee or similar body.

Special Requirements

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To be able to participate in residential field work, in the UK or overseas, according to own area of subject specialism.

The post holder is expected to work outside normal office hours as necessary.

All staff are expected to:

- Positively support equality of opportunity and equity of treatment to colleagues and students in accordance with the University of Surrey Equal Opportunities policy.
- Help maintain a safe working environment by:
  - Attending training in Health and Safety requirements as necessary, both on appointment and as changes in duties and techniques demand
  - Following local codes of safe working practices and the University of Surrey Health and Safety Policy
- Undertake such other duties within the scope of the post as may be requested by your Manager.

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Addendum

This document provides additional information relating to both specific aspects of the post/Faculty and any post specific person specification criteria. The information contained within this document should always be read in conjunction with the accompanying generic Job Purpose.

Job Title:	Lecturer B in Microbiome Science

Background Information/Relationships

The University of Surrey is an international University with a world class teaching and research profile that is innovative, forward thinking and achieving notable results. Our research seeks to address global challenges, drive innovation, and deliver real-world impact. In the most recent UK Research Excellence Framework (REF2021), our research was ranked in the UK top 20 for research outputs. The School of Veterinary Medicine at the University of Surrey opened in 2014 with a vision to deliver world-leading, multi-disciplinary, translational research and innovative education through local and global partnerships to benefit veterinary and human medicine (One Health).

The School of Veterinary Medicine currently holds over £7m in external research support for animal and human microbiome projects. A vibrant and collaborative community of post-doctoral researchers and PhD students are currently working on microbiome projects ranging from in vitro studies of antimicrobial resistance to helminth and parasiticide interactions with the microbiome to early-life microbiome of foals. In-house technologies supported by the University include both Illumina and nanopore sequencing platforms, Luminex-read multiplex immunoassay of cytokines, Biolog metabolic fingerprinting and aerobic/anaerobic culturomics. Data processing and analysis is supported by the University's Bioinformatics Core Facility. Examples of current projects in the microbiome field are available at Horse Microbiome Research Group and Anthelmintic Resistance in Southeast Asia (AHR-SEA).

The School seeks to recruit an exceptional researcher in the field of microbiome science to build on existing strengths in this field in the School, capitalise on cross-disciplinary opportunities within the University and further enhance existing relationships with our key research partners. The successful candidate will contribute to undergraduate and postgraduate teaching within the School, showcasing cutting-edge research in their teaching.

The appointee will be responsible for:

- Creation of a sustainable research group generating high-quality publications and demonstrable impact
- Securing research income to support the work of the group including PhD studentships
- Mentoring postgraduate research students and postdoctoral fellows
- Initiating cross-disciplinary research collaborations allowing novel, multi-disciplinary insights of relevance to animal and human health
- High quality, research-led contributions to undergraduate and postgraduate teaching

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Person Specification This section describes the sum total of knowledge, experience & competence required by the post holder that is necessary for standard acceptable performance in carrying out this role. This is in addition to the criteria contained within the accompanying generic Job Purpose.	
	Essential/ Desirable
A higher research degree (PhD) in biological sciences or a related discipline	E
A significant track record of high-quality publications in peer-reviewed journals in the field of microbiome science	E
At least four years of postdoctoral experience	E
Evidence of bidding activity and securing research income appropriate to career stage	E
Experience of delivering inspiring and engaging learning and teaching at undergraduate and postgraduate level.	E
Evidence of establishing and contributing to research collaborations	E
Fellow of the Higher Education Academy/Advance HE (FHEA)	D
Bioinformatics/computational expertise	D
Membership (or eligibility for membership) of the Royal College of Veterinary Surgeons	D

Key Responsibilities

This document is not designed to be a list of all tasks undertaken but an outline record of any faculty/post specific responsibilities (5 to 8 maximum). This should be read in conjunction with those contained within the accompanying generic Job Purpose.

1. Develop a sustainable research group in the field of microbiome science and secure research income to support research activities.
2. Sustain an excellent track record of publishing high-quality research, contribute to the School of Veterinary Medicine's REF submissions and deliver impact in research.
3. Supervise PhD students to ensure good progression and timely completion of PhDs.
4. Develop cross-disciplinary collaborations within the University of Surrey and wider national and international collaborations with academia and industry to enhance the funding-base and visibility of the research group.
5. Directly contribute to undergraduate and postgraduate teaching programmes (including lectures, tutorials, practical classes, small-group teaching etc.). This will include acting as a module lead for delivery of at least one undergraduate or taught postgraduate module in a relevant area.
6. Academic administration and leadership activities where required.

N.B. The above list is not exhaustive.