Research Role Profile

Job Title:	Senior Research Fellow (RAIII)

Responsible to:	Head of Faculty, Head of research group, or principal investigator

Responsible for:	Responsibility for staff within own research group

Job Summary and Purpose

To plan, manage and deliver research in accordance with the aims of the Faculty. To secure funding for own research projects and for projects for those staff under their direct supervision.

Main Responsibilities/Activities

To contribute to the development of the research of the Faculty, by managing significant areas of research activity within a specified field, resolving problems affecting the delivery of research projects within own area and in accordance with regulations.

To have full operational responsibility for major projects and research facilities, contributing to decisions that have an impact on other related programmes. This may include planning fieldwork, data analysis and evaluation and laboratory experimentation. To contribute to the overall management of the area of research in areas such as budget management and business planning, and contribute to departmental level strategic planning as appropriate. To provide advice on issues such as ensuring the adequate balance of research projects, appointment of researchers and other performance matters.

To take a leading role in the regular publication of results in appropriate journals and in giving presentations at national and international conferences.

To actively seek and attract funding for research, consultancy or similar programmes as far as is reasonably possible and to hold grants, acting as principal investigator on major research projects. Identifying opportunities for strategic development of new projects or appropriate areas of activity and contributing to the development of such ideas. To develop proposals for research projects which will make a significant impact by leading to an increase in knowledge and understanding and the discovery or development of new explanations, insights, concepts or processes. To encourage the submission of bids by others in the group and to assist them promote their area of research. To seek collaborative research opportunities with other members of Faculty staff and develop multidisciplinary research links with other parts of the University where appropriate.

Continually to update knowledge and develop skills. To extend, transform and apply knowledge acquired from scholarship to research and appropriate external activities. Contribute generally to the development of though and practice in the field.

To carry out management and administrative tasks associated with specified research funding, including leading and developing staff within their projects; risk assessment of project activities; organisation of project meetings and documentation; preparation of annual reports. To oversee and implement procedures required to ensure accurate and timely formal reporting and financial control.

To undertake liaison and promotional activities with external individuals and organisations

including equipment manufacturers, steering committees, associated academic facilities and commercial users.

To contribute to teaching within the Faculty by carrying out student supervision, demonstrating or lecturing duties within the post holder's area of expertise. To supervise research students and contribute to the teaching activities of the Faculty.

To contribute to the management of quality, audit and other external assessments, e.g. the Research Assessment Exercise.

Person Specification

The post holder must have:

A doctoral degree in a relevant discipline is essential, with appropriate experience of working in a similar area of work.

The post holder will need to demonstrate a high level of competence and independent standing at research level by having a national or perhaps international recognition of expertise, publishing regularly in recognised high quality journals and attracting realistic funding within the context of the Faculty's academic and research plan.

They will have significant experience of managing staff and an area / areas of research activity, and be effective in promoting their group's area of research.

Relationships and Contacts

The post holder has prime responsibility for reporting and liaison with external funding bodies or sponsors. As a senior member of the project team, the post holder will also supervise the activities of research and technician staff within the particular research group.

Special Requirements

To attend national and international conferences for the purpose of disseminating research results.

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:	Innovation Delivery Manager

Background Information/Relationships

This post will be in the newly-created Digital Innovation Centre for Animal Health. The Centre is a collaborative venture between firstly, the University of Surrey's 5G Innovation Centre, the Centre for the Digital Economy and the School of Veterinary Medicine and secondly, Zoetis. The Centre will be located in the new Veterinary School at Surrey.

The successful candidate will complement our existing strengths in veterinary and animal biosciences through proven expertise in development and implementation of digital technologies for provision of new solutions in research, industry or education.

You will develop a close and collaborative working relationship with Zoetis Centre for Digital Innovation in London.

In order to create a flexible and agile Centre, we will pilot and deliver solutions in house and in collaboration with or through sub-contracts to other businesses. Therefore, you will have knowledge and experience of innovation practices in SMEs.

You will also be expected to provide advice and assistance with respect to application of IT, data management and/or data science, according to knowledge, to researchers and where appropriate, to students at all levels from undergraduate to PhD and to support the IT strategy of the School of Veterinary Medicine. Knowledge of software systems that may include but not be restricted to Python, R, hive and pig will be advantageous.

You will offer excellent skills in defining internal and client needs, owning the process from discovery and scoping through to presentation of results. This will require an aptitude to liaise with stakeholders in order to translate high-level requests into specific action plans.

You will be an authoritative source of up to date intelligence about developments in the area of digital innovation generally and be able to evaluate the potential for adoption of new technologies into the animal health arena.

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) or compelling evidence of appropriate experience in a relevant field	E
Excellent project management skills	E
Experience in software development, prototyping or data analysis and application to large datasets	E
A proven ability in the visual presentation of results from data analysis and/or systems	E

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analysis	
Evidence of having obtained peer-reviewed grants and publishing research in high quality peer-reviewed journals	D
Knowledge of relevant challenges including data interoperability, security and trust	E
Proven team-player skills, especially in a multi-disciplinary environment	E
Ability to juggle multiple priorities	E
Proven completer-finisher, able to drive projects to timely and cost-effective conclusions	E
Excellent communication, inter-personal and networking skills	E

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. Play an active role in the development and promotion of the Centre.

2. Contribute where appropriate to teaching programmes (including tutorials, practical classes, project supervision etc.)

3. Provide specialist advice and input into the School of Veterinary Medicine Research Team

4. Make a significant contribution to the advancement of research, with a view to its recognition at a national and international level.

5. Sustain an extensive track record of publishing research findings in high quality journals, and at national and internationally recognised conferences.

6. Make a significant contribution towards research income and supervise or co-supervise postgraduate research students, developing and capitalising on collaborations within the wider academic and commercial community.

N.B. The above list is not exhaustive.