

Research Role Profile

Job Title:	Research Fellow (1A)
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Responsible to:	Head of research group, or principal investigator
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Responsible for:	Not applicable
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Job Summary and Purpose:
To undertake research in accordance with the specified research project(s) under the supervision of the principal investigator.

Main Responsibilities/Activities
<p>To undertake a range of research activities within a specified research area, assuming responsibility for specific areas of projects and making use of new research techniques and methods, in consultation with the research award holder or supervisor. This may include fieldwork, interviews, laboratory experimentation, critical evaluation and interpretation, computer-based data analysis and evaluation or library research.</p> <p>Using initiative and creativity to identify areas for research develop new research methods and extend the research portfolio. Analysing and interpreting results of own research. Write up results and prepare papers for submission to appropriate journals and conferences, and other outputs as required and/or appropriate. Attend appropriate conferences for the purpose of disseminating research results of personal development. The post holder may also contribute to writing bids for research grants and will contribute to collaborative decision making with colleagues in areas of research.</p> <p>Continually to update knowledge and develop skills, and translate knowledge of advances in the area into research activity.</p> <p>To plan and manage own research activity in collaboration with others. To carry out administrative tasks associated with specified research funding, for example risk assessment of research activities, organisation of project meetings and documentation. Implementation of procedures required to ensure accurate and timely formal reporting and financial control.</p> <p>To contribute to teaching in the Faculty by carrying out student supervision and/or demonstrating within the post holder's area of expertise and under the direct guidance of a member of departmental academic staff, as appropriate.</p> <p>The post holder may occasionally be required to supervise more junior research staff.</p>

Research Role Profile

Person Specification

The post holder must have:

A doctoral degree in a relevant discipline (although individuals who have almost completed a doctoral degree may be appointed). Consideration may also be given to individuals who do not hold a doctoral degree but have required skills based on a number of years experience in specified / relevant fields

The post holder will have authority over some aspects of project work and must be capable of providing academic judgement, offering original and creative thoughts and be able to interpret and analyse results.

Relationships and Contacts

Direct responsibility to the principal investigator or academic supervisor. The post holder may be asked to serve on a relevant Faculty committee. There may be additional reporting and liaison responsibilities to external funding bodies or sponsors. The post holder may work on original research tasks with colleagues in other institutions.

Special Requirements

To be available to participate in fieldwork as required by the specified research project

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.

Research Role Profile

Addendum	
Job Title:	Research Fellow in Chrono-Nutrition
<p><u>Background Information/Relationships</u></p> <p>The post is funded by a Grant from the BBSRC to investigate the role of meal timing and circadian rhythms in human physiology. The project is supported by members of the Clinical Research Centre, Metabolomics core facility and Bioinformatics core facility at the University of Surrey.</p> <p>The laboratories of the Principal Investigator (Dr Jonathan Johnston) and co-Investigators (Prof Debra Skene and Dr Daan van der Veen) have a joint interest in the interaction between circadian rhythms, metabolism and nutrition. We have some exciting unpublished data showing novel links between mealtime and the metabolome in humans. This project will therefore conduct an intensive state-of-the-art human laboratory protocol to determine how mealtime regulates the metabolome and assorted physiological/metabolic/endocrine markers.</p> <p>The post holder will help to run a state-of-the-art intensive human laboratory protocol, conduct laboratory analysis of experimental samples and utilise complex statistical models to interpret the resulting data. Besides excellent technical skills in chronobiology and metabolic physiology, the post holder will need to demonstrate the ability to report the research findings in scientific papers and through presentations to peers at various levels as well as the ability to supervise students. Furthermore, the post holder will contribute to the grant applications and other funding opportunities.</p>	
Person Specification	
Qualifications and Professional Memberships	Essential/ Desirable
A Doctoral Degree in the area of chronobiology, physiology, metabolism (or related field)	Essential
Technical Competencies (Experience and Knowledge) This section contains the level of competency required to carry out the role (please refer to the competency framework for clarification where needed and the Job Families Booklet).	Essential/ Desirable
Proven working experience in chronobiology, physiology, metabolism	Essential
Experience with metabolomics approaches	Desirable
Experience of conducting human trials	Desirable
Track record of publications in highly ranked journals and conferences	Essential
Written and verbal communication skills with an ability to write project deliverables and give presentations on the completed work	Essential
Key Responsibilities	

Research Role Profile

1. Manage and conduct research in the area of human chronobiology and systems biology
2. To present work at scientific meetings and publish work in peer-reviewed journals
3. To assist in the teaching at all levels including BSc, MSc, PhD
4. To contribute to grant applications and further funding opportunities
5. Continually to update knowledge and develop skills, and translate knowledge of advances in the area into research activity

N.B. The above list is not exhaustive.