

Research Role Profile

Job Title:	Research Fellow in Health Technology Acceleration
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Responsible to:	Professor Derk-Jan Dijk
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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>

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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.

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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:

Research Fellow in Health Technology Acceleration

Background Information/Relationships

This Research Fellow post is funded by the Higher Education Innovation Fund to enhance the University of Surrey's research in Health Technology and its validation and implementation. The research will be conducted in close collaboration with the Health Technology Accelerator (HTA)

The HTA, supported by a capital investment from the Enterprise M3 Local Enterprise Partnership, is a new facility, based in the Clinical Research Building at the University of Surrey, which aims to speed up the research and development of promising SME health tech innovations and then advance the uptake and economic growth of well-evidenced, beneficial and good value solutions. The consortium led by Surrey and Borders Partnership NHS Foundation Trust, also includes Surrey Heartlands Health and Care Partnership; Kent, Surrey & Sussex Academic Health Science Network; and Cisco.

This post is located within the Surrey Sleep Research Centre (SSRC), led by Prof Derk-Jan Dijk. The research will be conducted in collaboration with investigators in the Immunology Section, Surrey Clinical Trials Unit and Clinical Research Facility, the Centre for Vision Speech, and Signal Processing and the HTA.

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.

Qualifications and Professional Memberships

**Essential/
Desirable**

A higher research degree (PhD) in a relevant subject or near completion

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**

Knowledge of digital health technologies

Essential

Knowledge of design of validation and clinical research protocols

Desirable

Experience in clinical research and familiarity with the NHS

Desirable

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Experience in data analysis	Desirable
Written and verbal communication skills with an ability to write project deliverables and give presentations on the completed work	Essential
Special Requirements:	Essential/ Desirable
To comply with data governance standards in all aspects of work, and undertake relevant training in support of the role, including if appropriate gaining a working knowledge of Good Clinical Practice (GCP)	Essential
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. This should be read in conjunction with those contained within the accompanying generic Job Purpose.	
<ol style="list-style-type: none"> 1. Research the benefits of digital solutions to patient care quality and the effectiveness of the health systems by analysing the impact of a range of digital solutions on clinical and care delivery outcomes, service user experience and financial efficiency. 2. Develop digital health research projects and, through interaction with industry and the HTA, secure funding for these projects. 3. Conduct digital health research projects in collaboration with UoS academics, clinicians and other investigators. 4. Extend the existing Surrey Healthy Ageing Research Partnership (SHARP) which is a cohort of older people participating in research relevant to healthy ageing develop a sub-cohort of trusted users for the HTA. 5. Engage with innovative SMEs and large corporates to support the testing and evaluation of health tech devices and systems with clinicians, their patients and carers. 6. Complete project reports and contribute to the completion of project deliverable reports. 7. Ensure regular communications and attend meetings with the HTA consortium and wider health system organisations to strengthen our partnerships. <p>N.B. The above list is not exhaustive.</p>	