

Research Role Profile

Job Title:	Research Fellow DAEDALUS study
Responsible to:	Dr Scott Munro
Responsible for:	Not applicable
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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Research Role Profile Addendum

Job Title:	Research Fellow DAEDALUS study
Responsible to:	Dr Scott Munro
Responsible for:	No line management responsibilities.

Job Summary and Purpose

This National Institute for Health and Care Research (NIHR), Research for Patient Benefit (RfPB) funded proof-of-concept study (DAEDALUS) explores the feasibility, acceptability, and potential cost-effectiveness of delivering Automated External Defibrillators (AEDs) by drone to members of the public responding to out-of-hospital cardiac arrests. The project is led by the University of Surrey, working with the South East Coast Ambulance Service NHS Foundation Trust (SECamb) and Air Ambulance Charity Kent Surrey and Sussex (KSS). The study includes simulation-based testing, public interviews, and early economic evaluation, with the goal of informing future research and NHS policy on drone use in emergency care.

This is an exciting opportunity for a health services researcher or applied social scientist with experience in mixed methods research to join a multidisciplinary and practice-based research team at the cutting edge of prehospital innovation. The study includes three primary workstreams: (1) protocol development and real-time simulation of drone delivery processes; (2) qualitative interviews with the public about the acceptability of drone delivered defibrillators; and (3) an economic evaluation.

The Research Fellow will play a central role in delivering the project, with responsibility for day-to-day project coordination and data collection across all Work Packages. This includes managing HRA and site approvals, liaising with partner organisations (including ambulance and air ambulance services), supporting participant recruitment, collecting qualitative and quantitative data, conducting analysis, and contributing to dissemination.

We are seeking a post-doctoral researcher (or equivalent experience) with strong skills in coordinating the logistics of simulation-based research days, as well as qualitative research skills and experience of conducting research in NHS or community settings. Familiarity with emergency care, [or](#) technology implementation, human factors [or health economics](#) would be an advantage. The successful candidate will be highly organised, an excellent communicator, and comfortable working both independently and as part of a distributed, cross-organisational research team.

Main Responsibilities/Activities

- Take a key role in data collection and analysis across the project's three work packages, with a primary focus on the simulation-based testing (WP1) and public interviews (WP2). Support the economic evaluation (WP3) by coordinating with the health economist, assisting with data collation, and ensuring timely sharing of relevant findings.

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- Undertake fieldwork at relevant sites, supporting the organisation and delivery of simulation days and collecting qualitative data via focus groups.
- Conduct semi-structured interviews with a range of public participants, including lay responders, cardiac arrest survivors, and family members, ensuring inclusive and ethical recruitment and data collection.
- Liaise regularly with partners from SECAMB, KSS and the University of Surrey to support the smooth delivery of all project activities and ensure strong cross-organisational collaboration.
- Contribute to the overall qualitative data analysis, including thematic coding using a Framework method and data management using NVivo, and lead on producing interim findings summaries.
- Work closely with the wider project team to ensure consistency, rigour, and quality in research design, data collection, analysis, and reporting.
- Assist in the preparation of research reports, conference abstracts, public dissemination resources, and peer-reviewed journal articles.
- Coordinate and provide administrative support for project meetings, including scheduling, minute-taking, and action tracking.
- Support ethical and governance processes, including the preparation of IRAS/HRA documentation and amendments as required.
- Support the development of the economic evaluation
- Maintain accurate project documentation and contribute to formal reporting against project milestones.
- Actively participate in relevant research cluster meetings at the University of Surrey, such as the Workforce, Organisation and Wellbeing (WOW) research theme.
- Undertake other reasonable duties commensurate with the grade and purpose of the post, as requested by the project lead or co-applicants.

N.B. The above list is not exhaustive.

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Person Specification

In addition to the criteria outlined in the accompanying generic Research fellow Role Profile, the post holder should have (E = Essential; D = Desirable):

- PhD in a relevant subject (e.g. health services research, paramedic science, psychology, sociology, public health) or equivalent professional research experience (E)
- Experience designing, conducting, analysing, and disseminating qualitative research in health and/or emergency care settings. (E)
- Experience conducting interviews and/or focus groups with members of the public, patients, or healthcare professionals (E)
- Experience of mixed methods research and integration of qualitative and quantitative data (D)
- Experience of project management, including coordinating multi-stakeholder studies and supporting research governance processes (E)
- Ability to work confidently and sensitively with a wide range of stakeholders, including NHS clinicians, researchers, operational leads, and members of the public (E)
- Excellent analytical and critical thinking skills, including the ability to reflect on complex health service issues from practical and strategic perspectives (E)
- Strong IT, organisational, and administrative skills, with ability to manage competing deadlines (E)
- Excellent verbal and written communication skills, including preparation of research reports and public-facing materials (E)
- Experience working in multi-professional or cross-organisational research teams, including remote and hybrid collaboration (E)
- Highly self-motivated with the ability to work independently and as part of a team (E)
- Commitment to personal and professional development (E)
- Fluency in written and spoken English (E)
- Able to work flexibly. The post will require some anti-social working hours (e.g. observation of night shifts in Emergency Operations Centres) (E)
- Ability to enable safe independent travel between the university and research sites (E)
- Experience working or conducting research in high-pressure or emergency care environments (e.g. ambulance, Emergency Department etc) (D)
- Knowledge of and interest in emergency medical services, public access defibrillation, or healthcare technology (D)
- Experience of working with vulnerable participants or on ethically sensitive topics (D)
- Postdoctoral research experience (D)

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- Track record of publications or outputs in health services or prehospital research (D)
- Familiarity with the principles, or experience contributing to, health economic evaluation in applied health research (D)
- Knowledge of human factors principles and their application in healthcare systems or emergency care settings (D)

Experience working with Patient and Public Involvement and Engagement (PPIE) contributors throughout the research process (D)

Special Requirements

- Driving licence and access to a car to enable safe independent travel between the university and Emergency Operations Centre(s) (D)
- Able to work flexibly.