

Research Role Profile

Job Title:	Research Fellow (1A)
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Responsible to:	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 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 research techniques and methods, in consultation with the principal investigator and research team. This will include audio recordings and associated activities (transcribing and cleaning transcriptions), interviews, library research, quantitative and qualitative data analysis, critical evaluation and interpretations.</p> <p>To use initiative and creativity to analyse and interpret results of 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 the research team in areas of research.</p> <p>To continually 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.</p>

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Person Specification

The post holder must have:

A doctoral degree in a relevant discipline.

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. 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

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 to Role Profile

Job Title:

Research Fellow (1A)

Job Summary and Purpose:

This information sheet should be read in conjunction with the accompanying generic Research RA1A Role Profile and will be used for shortlisting processes. More specifically the post holder will be expected to:

The researcher's main priority is to work on the 'Educational Dialogue for improving Foundation Year Student Outcomes', funded by Nuffield Foundation Grant. The project includes collaborators from Sheffield Hallam University, Sheffield University, Kent University, Queen Mary University London and Kingston University. The aim of the project is to create resources to support Foundation Year teachers to enhance students' oral language skills, in particular their educational dialogue, to increase students' self-efficacy, belongingness, learning outcomes, retention and progression.

The post holder will be responsible for evaluating the project outcomes through pre and post tests (questionnaires), pre and post audio recordings of pair interaction and post project interviews with students and Foundation Year academic staff. The post holder will also contribute to the writing of reports and scholarly publications.

Main Responsibilities/Activities

- Work alongside the project team to develop a coding framework to analyse the pair interaction, to develop evaluation methods and to carry out the evaluation.
- To work under the direction of the project supervisor and under own initiative to deliver against agreed timeframes.
- To interact effectively with members of the research team including other group members (FY leads, students).
- To undertake regular visits to collaborator groups as required by the project.
- To conduct statistical analyses (e.g., ANCOVA, regression) using statistical packages (e.g., SPSS and Jamovi)
- To download and check data from Qualtrics and enter into statistical packages
- To be enter questionnaires into Qualtrics

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- To communicate or present research results within the research team and at external meetings.
- To prepare concise written reports on the progress of the research, and to participate in regular meetings with the project supervisors at which the direction of the research will be reviewed and planned.
- To assist in the preparation of publications.
- To continuously update knowledge and develop skills, and translate knowledge of advances in the area into research activity.
- To assist in providing advice and training to other members of the project supervisors' research groups.
- To undertake any other duties in relation to the research activities of the project, as directed by the Principal Investigator of the research project, commensurate with qualifications and experience.

Person Specification

The post holder must have:

- A Ph.D. in Education, Applied Linguistics or Psychology, and experience of quantitative and qualitative research methods.
- Strong background and experience in using statistical packages.
- Proficiency in learning computer packages (e.g., Qualtrics, SPSS)
- The ability and initiative to analyse complex problems;
- The ability to work as part of a research team.
- The ability to prioritise and meet deadlines.

It is desirable that the post holder has:

- A strong research track record in educational-related fields including quantitative and qualitative research methodology.
- Previous experience with research projects.

Relationships and Contacts

- The post holder will report and work under the guidance of Dr Marion Heron.