## Job Description

**Job Title:** Research Associate in Health Technology Assessment  
**Department/Division/Faculty:** Surgery and Cancer/ Surgery/Medicine  
**Campus location:** St Mary’s hospital, London Paddington  
**Job Family/Level:** Research, Research Associate  

Candidates who have not yet been officially awarded their PhD will be appointed as a Research Assistant within the salary range £34,397 - £37,486 per annum.

**Responsible to:** Professor George Hanna  
**Line Management responsibility for:** n/a  
**Key Working Relationships (internal):** NIHR London IVD, the Volatile Organic Compound research group  
**Key Working Relationships (external):** NIHR infrastructure including NOCRI, BRC, CLAHRC  
**Contract type:** Full-time, fixed term for one year in the first instance

### Research Programme

The NIHR-London In Vitro Diagnostics Cooperative (London IVD) is led by Professor George Hanna and forms part of eleven NIHR Medtech and in vitro diagnostics cooperatives (MICs) in England. MICs have the overall aim to build expertise and capacity in the NHS to develop new medical technologies and provide evidence on commercially supplied in vitro diagnostic (IVD) tests. Leading NHS organisations act as centres of expertise, bringing together patients, clinicians, researchers, commissioners and industry.

London IVD has a strong focus on in vitro diagnostics, in particular point of care diagnostics. We work closely with industrial partners, innovators, clinicians and research scientists. Our core methodology team utilise a combination of qualitative and quantitative methods to achieve efficient and systemic evidence generation designed to support the eventual adoption of devices.

### Purpose of the Post

The post is funded by NIHR London IVD to carry out research in early health technology assessment, to complement a mixture of qualitative and quantitative research methods already employed within the core methodology team of London IVD, which include human factors, health economics, stakeholder analysis, clinical pathway mapping, adoption studies and laboratory validation. He/she will practise health technology assessment on commercially supplied devices, as well as carry out research to improve efficiency and efficacy of evidence generation. This research may involve travelling to sites other than Imperial College Healthcare NHS Trusts or Imperial College London. The appointee will be working in a small but dynamic group carrying out multi-disciplinary researches. He/she is expected to submit publications to high quality peer reviewed journals, and to attract external research funding.

### Key Responsibilities

#### Research Duties

- To carry out research in health technology assessment within London IVD
- To develop and integrate existing research methods for evidence generation
- To contribute to funding bids for research grants
- To take initiatives in the planning of research
**Job Description**

- To carry out interviews, focus groups and conduct data analysis
- To ensure the validity and reliability of data at all times
- To maintain accurate and complete records of all findings
- To write reports for submission to research sponsors and industry partners
- To present findings to colleagues and at conferences
- To submit publications to refereed journals
- To attend relevant workshops and conferences as necessary
- To develop contacts and research collaborations within the College and the wider community
- To promote the reputation of the Group, the Department and the College
- To provide guidance to PhD Students
- To conduct and plan own scientific work with appropriate supervision.
- To maintain highly organised and accurate record of experimental Work.
- To actively participate in the research programme of the Group and Unit
- To publish in high quality journals and to present data at national and international meetings.
- To participate in London IVD research meetings and internal seminars.
- Assist in the supervision of undergraduate and postgraduate research students and research assistants as required.
- To comply with the College, Division, and Unit safety practices and to attend courses on safety when appropriate.
- Any other duties as may be deemed reasonable by Head of group as well as Head of Division/Department/Section.

**Other Duties**

- To undertake appropriate administration tasks
- To be responsible for ensuring that data is accurate, up-to-date and complete.
- To attend relevant meetings
- To undertake any necessary training and/or development
- Any other duties commensurate with the grade of the post as directed by line manager / supervisor
# Job Description

## Person Specification

### Requirements
Candidates/post holders will be expected to demonstrate the following:

<table>
<thead>
<tr>
<th>Education</th>
<th>Essential (E)/ Desirable (D)</th>
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</thead>
<tbody>
<tr>
<td>- At Research Assistant level: a good undergraduate degree or MSc (or equivalent) in health innovation management, health technology assessment, health economics or a closely related discipline, or equivalent research, industrial or commercial experience</td>
<td>E</td>
</tr>
<tr>
<td>- At Research Associate level: PhD in health innovation management, health technology assessment, health economics or a closely related discipline, or equivalent research, industrial or commercial experience</td>
<td>E</td>
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### Knowledge & Experience

<table>
<thead>
<tr>
<th>Knowledge &amp; Experience</th>
<th>Essential (E)/ Desirable (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Knowledge of (early) health technology assessment methods</td>
<td>E</td>
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<tr>
<td>- Knowledge of qualitative research methods</td>
<td>E</td>
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<tr>
<td>- Practical experience within a research environment and / or publication in relevant and refereed journals</td>
<td>E</td>
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<tr>
<td>- Dealing with specific groups of people, e.g. industry, clinicians and patients</td>
<td>E</td>
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<tr>
<td>- Practical experience in a broad range of techniques including interview, focus group, health economics</td>
<td>E</td>
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<tr>
<td>- Computer literate with a good knowledge of different computer programs with experience in data presentation and statistical analyses</td>
<td>E</td>
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<tr>
<td>- Experience with the use of computational software would be advantageous</td>
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### Skills & Abilities

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<tr>
<th>Skills &amp; Abilities</th>
<th>Essential (E)/ Desirable (D)</th>
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<tbody>
<tr>
<td>- Ability to conduct a detailed review of recent literature</td>
<td>E</td>
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<td>- Ability to develop and apply new concepts</td>
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<td>- Creative approach to problem-solving</td>
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<tr>
<td>- Excellent verbal communication skills and the ability to deal with a wide range of people</td>
<td>E</td>
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<tr>
<td>- Excellent written communication skills and the ability to write clearly and succinctly for publication</td>
<td>E</td>
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<tr>
<td>- Ability to direct the work of a small research team and motivate others to produce a high standard of work</td>
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<tr>
<td>- Ability to organise own work with minimal supervision</td>
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<td>- Ability to prioritise own work in response to deadlines</td>
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<tr>
<td>- Advanced computer skills, including word-processing, spreadsheets and the Internet</td>
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### Personal Attributes

<table>
<thead>
<tr>
<th>Personal Attributes</th>
<th>Essential (E)/ Desirable (D)</th>
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<tbody>
<tr>
<td>- Willingness to work as part of a team and to be open-minded and cooperative</td>
<td>E</td>
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<td>- Flexible attitude towards work</td>
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<td>- Discipline and regard for confidentiality and security at all times</td>
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<td>- Willingness to work out of normal working hours (including weekends) if the requirements of the project demand</td>
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<td>- Willingness to undertake any necessary training for the role</td>
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<tr>
<td>- Willingness to travel both within the United Kingdom and abroad to conduct research and attend conferences</td>
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Please note that job descriptions cannot be exhaustive and the post-holder may be required to undertake other duties, which are broadly in line with the above key responsibilities.
Job Description

Imperial College is committed to equality of opportunity and to eliminating discrimination. All employees are expected to follow the 7 Imperial Expectations detailed below:

1) Champion a positive approach to change and opportunity
2) Communicate regularly and effectively within and across teams
3) Consider the thoughts and expectations of others
4) Deliver positive outcomes
5) Encourage inclusive participation and eliminate discrimination
6) Support and develop staff to optimise talent
7) Work in a planned and managed way

Employees are also required to comply with all College policies and regulations paying special attention to:

- Confidentiality
- Conflict of Interest
- Data Protection
- Equal Opportunities
- Financial Regulations
- Health and Safety
- Information Technology
- Smoking
- Private Engagements and Register of Interests

They must also undertake specific training and assume responsibility for safety relevant to specific roles, as set out on the College Website Health and Safety Structure and Responsibilities page.

The College is a proud signatory to the San-Francisco Declaration on Research Assessment (DORA), which means that in hiring and promotion decisions, we evaluate applicants on the quality of their work, not the journal impact factor where it is published. For more information, see https://www.imperial.ac.uk/research-and-innovation/about-imperial-research/research-evaluation/

The College believes that the use of animals in research is vital to improve human and animal health and welfare. Animals may only be used in research programmes where their use is shown to be necessary for developing new treatments and making medical advances. Imperial is committed to ensuring that, in cases where this research is deemed essential, all animals in the College’s care are treated with full respect, and that all staff involved with this work show due consideration at every level. http://www.imperial.ac.uk/research-and-innovation/about-imperial-research/research-integrity/animal-research/

Committed to equality and valuing diversity, we are an Athena SWAN Silver Award winner, a Stonewall Diversity Champion, a Disability Confident Employer and work in partnership with GIRES to promote respect for trans people.