

RESEARCH ASSISTANT OR RESEARCH FELLOW



Job Title:	Research Assistant or Research Fellow
Department:	Infectious Disease Epidemiology & International Health
Faculty:	Epidemiology and Population Health
Location:	London
FTE:	1.0
Grade:	Research Assistant Grade 5 or Research Fellow Grade 6
Accountable to:	Dean of Faculty through the Head of Department and Dr Lucas Malla
Job Summary:	<p>The post-holder will play a crucial role in supporting the efforts of The Lancet Commission on Evidence-Based Implementation (EBI) in Global Health, focusing on reducing gaps and inequities in health implementation, particularly in low-income and middle-income countries (LMICs). This role is essential in bridging the chasm between known innovations and their practical application in these regions. The Commission aims to accelerate progress in evidence-based implementation, involving a diverse group of pioneers in the field, supported by a Secretariat from the University of North Carolina at Chapel Hill (UNC) and an Advisory Group of key stakeholders in global health implementation.</p> <p>LSHTM will take the lead in estimating the number of deaths that could be averted through evidence-based implementation in LMICs. This critical work will be guided by a specialised subgroup of Commissioners and a Technical Advisory Group (TAG) to ensure rigorous and accurate analysis. The project aims to produce the first multi-country estimates of avertable deaths, taking into account a range of leading causes of death across various age groups. By integrating data on critical health indicators, this work will provide a comprehensive and nuanced understanding of how evidence-based interventions can effectively reduce deaths. The findings will inform policymakers and stakeholders on the potential impact of such interventions, facilitating targeted strategies to address preventable deaths in LMICs.</p> <p>The post-holder will be responsible for conducting data analysis to estimate avertable deaths in LMICs through a Bayesian Framework. This work is expected to result in a series of academic papers. The post-holder will lead the writing of a paper detailing the statistical methods used and will contribute to other relevant papers. They will report to Dr Lucas Malla and work directly with Prof. Joy Lawn and members of the wider Maternal Newborn Health Group in the IDEIH department, linked to LSHTM's MARCH Centre.</p>

General Information

The London School of Hygiene & Tropical Medicine (LSHTM) is one of the world's leading public health universities.

Our mission is to improve health and health equity in the UK and worldwide; working in partnership to achieve excellence in public and global health research, education and translation of knowledge into policy and practice.

Staff and students are committed to helping create a more healthy, sustainable and equitable world for everyone, because we believe our shared future depends on our shared health.

We embrace and value the diversity of our staff and student population and seek to promote equity, diversity and inclusion as essential elements to improve health worldwide. We believe that when people feel respected and included, they can be more creative, successful, and happier at work. While we have more work to do, we are committed to building an inclusive workplace, a community that everyone feels a part of, which is safe, respectful, supportive and enables all to reach their full potential.

To find out more please visit our [Introducing LSHTM page](#).

Our Values

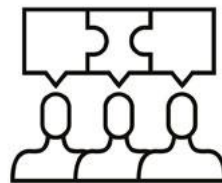
Our values establish how we aspire to achieve our mission both now and in the future - demonstrating what it means to work and study at LSHTM. Please visit our [LSHTM Values page](#) for further information.



**Act with
integrity**



**Embrace
difference**



**Work
together**



**Create
impact**

Faculty Information

The Faculty of Epidemiology & Population Health (EPH) houses a large number of epidemiologists, demographers, statisticians and nutritionists working on issues of major public health importance in the UK and globally. EPH has approximately 400 staff members organised into five research departments.

Department of Infectious Disease Epidemiology & Dynamics
Department of Infectious Disease Epidemiology & International Health
Department of Medical Statistics
Department of Non-communicable Disease Epidemiology
Department of Population Health

The Faculty has a teaching program consisting of ten MSc courses: Epidemiology, Demography and Health, Medical Statistics, Public Health for Development (run jointly with the Faculties of Infectious & Tropical Diseases and Public Health & Policy), Nutrition for Global Health, Reproductive & Sexual Health Research, Veterinary Epidemiology (run jointly with the Royal Veterinary College), Global Mental Health (run jointly with Kings College London - Institute of Psychiatry) and the Distance Learning courses in Epidemiology, Clinical Trials and Demography in Health. The Faculty also has approximately 120 research students studying for an MPhil, PhD or DrPH degree.

The Dean of Faculty is Professor Elizabeth Allen.

Department Information

The Department of Infectious Disease Epidemiology and International Health conducts research on the epidemiology and control of infectious diseases, and other topics relevant for global public health. Work is carried out in low-, middle- and high-income countries, including in the United Kingdom, in close collaboration with country partners and global stakeholders.

The Department has research groups working on maternal, perinatal and child health; adolescent health; infectious diseases including HIV, tuberculosis, malaria and Neglected Tropical Diseases; vaccines; and humanitarian crises. Most staff have a disciplinary training in epidemiology or medical statistics, and a background in one or more of biology, medicine, mathematics, or social science.

The Department works closely with the Department of Infectious Disease Epidemiology & Dynamics.

The Department Heads are Professor Oona Campbell and Professor Sian Floyd.

The portfolio of duties outlined below will vary in accordance with the academic expectations of the role, which may be varied from time to time, and agreed at your annual Performance and Development Review (PDR).

Job Description

Main Activities and Responsibilities

Knowledge Generation

Research Assistant

1. To undertake high quality research as directed by your line manager, including contributing to drafting grant proposals and peer-reviewed and other outputs and evaluating teaching practice;
2. To support the administration of projects linked to your employment, helping ensure compliance with good practice in relation to the conduct of research, the ethics policy, and other relevant LSHTM policies;
3. To develop a Bayesian model to generate multi-country estimates of avertable deaths in LMICs.
4. To work as part of a multidisciplinary collaborative research team in delivering high quality research outputs for the research project.
5. To contribute to peer-reviewed publications and other outputs, including as a lead author.

Research Fellow

1. To undertake high quality research & scholarship, including contributing to drafting major grant proposals and/or leading on drafting small grant proposals and evaluating teaching practice;
2. To contribute to peer-reviewed publications and other outputs, including as lead author;
3. To make a contribution to doctoral student supervision, as appropriate to qualifications and experience;
4. To manage small grants or elements of larger grants, ensuring compliance with good practice in relation to the conduct of research, the ethics policy and other relevant LSHTM policies;
5. To develop a Bayesian model to generate multi-country estimates of avertable deaths in LMICs.
6. To work as part of a multidisciplinary collaborative research team in delivering high quality research outputs for the research project.

Education

Research Assistant

1. To participate in some aspects of LSHTM's Education Programme or educational outreach activities;
2. To contribute to the delivery of high quality, research-informed teaching and assessment in relation to your specific subject and within the broader area covered by your department and disciplinary field.

Research Fellow

1. To contribute to the delivery of high quality, inclusive, research-informed teaching and assessment in relation to your specific subject and within the broader area covered by your department and disciplinary field;
2. To contribute to the improvement of the quality of LSHTM's education, by participating in the development of new and updated learning and teaching materials or approaches;
3. To contribute to improvement of the quality of the School's education, by participating in the development of new and updated learning and teaching materials or approaches.

Internal Contribution

Research Assistant

1. To undertake activities that support the Department, Faculty, MRC Unit or LSHTM;
2. To reflect LSHTM's EDI goals in your work and behaviour;
3. To participate in LSHTM's PDR process;

Research Fellow

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External Contribution

Research Assistant

1. To demonstrate good external citizenship by supporting the external academic and practice communities;
2. To liaise effectively with other collaborators, donor organisations and affiliated technical

Research Fellow

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2. To liaise effectively with other collaborators, donor organisations and affiliated technical

experts in order to ensure the team works cooperatively with these all stakeholders.

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Professional Development and Training

Research Assistant

1. To keep up-to-date with the latest research/thinking in your academic field and with changes to pedagogic practice within LSHTM and more generally;
2. For lab-based disciplines: where the length and nature of the position permits, to apply for and, if accepted, undertake a doctoral degree (if not already acquired);
3. To undertake and successfully complete the mandatory training required by LSHTM as appropriate to the role;

Research Fellow

1. To keep up to date with the latest research/thinking in your academic field and with changes to pedagogic practice within LSHTM and more generally;
2. Where the length and nature of the position permits, to apply for and, if accepted, undertake a doctoral degree (if not already acquired);
3. To undertake and successfully complete the mandatory training required by LSHTM appropriate to the role;

General

All academic staff are free within the law to question and test received wisdom, and put forward new ideas and controversial or unpopular opinions, to enable LSHTM to engage in research and promote learning to the highest possible standards.

All staff at LSHTM are also expected to:

1. Act at all times in LSHTM's best interests;
2. Treat staff, students and visitors with courtesy and respect at all times;
3. Comply fully with LSHTM policies, procedures and administrative processes relevant to the role, including when acting as Principal Investigator, accepting academic, managerial, financing and ethical responsibility for a project
4. Uphold and support LSHTM's values (as set out in the LSHTM Strategy);
5. Act as ambassadors for LSHTM when hosting visitors or attending external events.

Academic Expectations

All academic roles have a statement of academic expectations attached to each level. Please ensure that these have been read and understood. For further information please refer to the [Academic Expectations page](#).

The above list of duties is not exclusive or exhaustive and the role holder will be required to undertake such tasks as may reasonably be expected within the scope and grading of the role.

Role descriptions should be regularly reviewed to ensure they are an accurate representation of the role.

Person Specification

This form lists the essential and desirable requirements needed by the post holder to be able to perform the job effectively.

Applicants will be shortlisted solely on the extent to which they meet these requirements.

Essential criteria:

Research Assistant

1. A relevant first degree in statistics, health informatics, or a relevant subject
2. Statistical experience working with large datasets across multiple study sites, ability to implement and conduct analysis, make sense of findings for policy and communicate findings.
3. Experience in advanced statistical analyses in R, STATA, or other statistical programming language
4. Evidence of good organisational skills, including effective time management.
5. Proven ability to work independently, as well as collaboratively, as part of a research team.
6. Evidence of excellent interpersonal skills, including the ability to communicate effectively both orally and in writing.
7. Ability to establish and maintain effective working relationships in a multicultural and multidisciplinary environment together with the ability to communicate and negotiate.

Research Fellow

1. A postgraduate degree, ideally a doctoral degree, in a relevant topic
2. Experience in developing Bayesian evidence synthesis models and multi-level, hierarchical modeling
3. Experience in advanced statistical analyses in R, STATA, or other statistical programming language
3. Contributions to written output, preferably peer-reviewed, as expected by the subject area/discipline in terms of types and volume of outputs.
4. Proven ability to work independently, as well as collaboratively as part of a research team, and proven ability to meet research deadlines.
5. Evidence of excellent interpersonal skills, including the ability to communicate effectively both orally and in writing
6. Evidence of good organizational skills, including effective time management

Desirable Criteria

Research Assistant

1. Some experience of teaching
2. Experience in developing Bayesian evidence synthesis models and multi-level, hierarchical modeling
3. Experience in routine data systems
4. Health informatics skills including the development of apps such as RShiny apps and dashboards.
5. Experience working with multiple stakeholders.

Research Fellow

1. Some experience of contributing to research grant applications.
2. Some experience of teaching and assessment.
3. Some experience of supervising and supporting junior researchers and/or research degree students, and non-academic staff
4. Experience working with multiple stakeholders.
5. Experience in routine data systems
6. Health informatics skills including the development of apps such as RShiny apps and dashboards

E-Essential: Requirement without which the job could not be done

D-Desirable: Requirements that would enable the candidate to perform the job well

Salary and Conditions of Appointment

The post is fixed term for 9 months and full-time 35 hours per week, 1.0 FTE. The post is funded by the Bill and Melinda Gates Foundation and is available immediately. The salary will be on the Academic scale, Grade 5 Research Assistant in the range £39,182 - £44,847 or Grade 6 Research Fellow in the range £44,847 - £50,808 per annum pro rata (inclusive of London Weighting).

The post will be subject to the LSHTM terms and conditions of service. Annual leave entitlement is 30 working days per year, pro rata for part-time staff. In addition to this there are discretionary "Wellbeing Days". Membership of the Pension Scheme is available.

LSHTM has a Hybrid Working Framework, which alongside agreed service requirements, enables teams to work more flexibly (if the role allows), promoting a greater wellbeing and work/life balance.

Application Process

Applications should be made on-line via our [jobs website](#). Applications should also include the names and email contacts of 2 referees who can be contacted immediately if appointed. Online applications will be accepted by the automated system until 10pm of the closing date. We regret that late applications cannot be accepted. Any queries regarding the application process may be addressed to jobs@lshtm.ac.uk.

The supporting statement section should set out how your qualifications, experience and training meet each of the selection criteria. Please provide one or more paragraphs addressing each criterion. The supporting statement is an essential part of the selection process and thus a failure to provide this information will mean that the application will not be considered. An answer to any of the criteria such as "Please see attached CV", "Yes" or "No" will not be considered acceptable and will not be scored.

Please note that if you are shortlisted and are unable to attend on the interview date it may not be possible to offer you an alternative date.

Asylum and Immigration Statement

LSHTM will comply with current UKVI legislation, which requires all employees to provide documentary evidence of their legal right to work in this country prior to commencing employment. Candidates will be required to email a copy of their passport (and visa if applicable) to HR prior to their interview and if appointed will be asked to bring the original documents in to be copied and verified before their start date.

Applications from candidates who require sponsorship to work in the UK will be considered alongside other applications. Applicants who do not currently have the right to work in the UK will have to satisfy UK Visas & Immigration regulations before they can be appointed.

Further information about Sponsorship and eligibility to work in the UK, can be found on the [government immigration rules page](#).

Date amended: Jan 2024