

RESEARCH ASSISTANT



Job Title:	Research Assistant in Neonatal Clinical Care (Maternity Cover)
Department:	Infectious Disease Epidemiology & International Health
Faculty:	Epidemiology and Population Health
Location:	Keppel Street (London, United Kingdom)
FTE:	0.6
Grade:	G5
Accountable to:	Head of Department through Principal Investigator (PI) Joy Lawn
Job Summary:	<p>This post-holder will be a part of the NEST360 (Newborn Essential Solutions and Technologies) team at LSHTM. NEST360 is a partnership of 23 organisations with 18 in Africa, working with governments (Malawi, Kenya, Tanzania, Ethiopia and Nigeria) to reduce neonatal mortality in hospitals through an implementation package of innovative devices, and education of clinicians and biomedical engineers, with locally-owned data to drive quality of care. https://www.nest360.org/. LSHTM leads the implementation research, complex evaluation and economic assessment. NEST360 is funded by private foundations from 2024 – end of 2029 and the prime grant holder is RICE 360°.</p> <p>The post-holder will support the NEST360 primary outcome 2 team – <i>evidence to support scale and catalyse investment</i>. A key output will be to design, develop, and conduct quantitative analyses of neonatal ward interventions (e.g., CPAP, phototherapy, antenatal corticosteroids, and Kangaroo Mother Care) to improve effective coverage and quality of care across 65 facilities implementing with the NEST360 Alliance. Additionally, the post-holder will assist with the organisational processes and editing of a journal supplement submission, including supporting writing teams, aligning visualisations, and ensuring timely delivery of high-quality outputs.</p> <p>The post-holder will require clinical paediatric experience in low- and middle-income settings, a strong background in quantitative analysis, skills to evaluate neonatal care processes, and proven experience in scientific writing and visualisation.</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

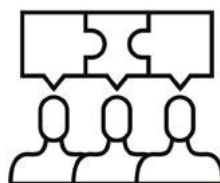
Our values establish how we aspire to achieve our mission both now and in the future - demonstrating what it means to work and study at LSHTM. Please visit our [LSHTM Values page](#) for further information.



**Act with
integrity**



**Embrace
difference**



**Work
together**



**Create
impact**

Faculty Information

The Faculty of Epidemiology & Population Health (EPH) houses a large group of epidemiologists, demographers, statisticians and nutritionists working on major issues of importance to public health provision in the UK and globally. EPH employs approximately 560 people in five research departments.

- Department of Infectious Disease Epidemiology & Dynamics
- Department of Infectious Disease Epidemiology & International Health
- Department of Medical Statistics, which includes the Clinical Trials Unit
- Department of Non-communicable Disease Epidemiology
- Department of Population Health

The Faculty has a postgraduate teaching programme including eleven intensive MSc courses: Epidemiology, Demography and Health, Medical Statistics, Health Data Science, Public Health for Development (jointly with Faculties of Infectious & Tropical Diseases and Public Health & Policy), Nutrition for Global Health, Global Mental Health (jointly with Kings College London, Institute of Psychiatry), Reproductive & Sexual Health Research, Sexual & Reproductive Health Policy and Practice (online), Veterinary Epidemiology (run jointly with the Royal Veterinary College) and Climate Change and Planetary Health. There are also two Distance Learning MSc courses: Epidemiology and Clinical Trials. The Faculty also has approximately 220 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 PROGRAMME

NEST360 (Newborn Essential Solutions and Technologies) Alliance is a 23-partner collaboration in five African countries (Malawi, Kenya, Tanzania, Ethiopia and Nigeria) to innovate, implement and evaluate a package to improve hospital care for small and sick newborns in Africa. LSHTM leads the complex evaluation with implementation research and an economic assessment. NEST360 is funded by five private foundations from 2019 – 2029 and the prime grant holder is RICE 360°. The Principal Investigator at LSHTM is

Prof. Joy Lawn.

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

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 undertake quantitative analysis and evaluation of neonatal ward interventions (e.g., CPAP, phototherapy, antenatal corticosteroids, and Kangaroo Mother Care) across facilities supported by the NEST360 Alliance. The findings will inform the development of facility-specific action plans to enhance effective coverage and drive quality improvement initiatives.
4. To support the organisational processes and editing of an expanded collection of papers for the NEST360 journal supplement (e.g. BMC Paediatrics) and other journals, including assisting writing teams in meeting deadlines, aligning manuscript visualisations, and collaborating closely with the NEST360 supplement team under the guidance of the principal investigator to ensure timely and high-quality publication.

Education

1. To participate in some aspects of LSHTM's Education Programme or educational outreach activities;
2. To contribute to MSc teaching, tutoring and supporting students doing summer projects with the NEST360 team.

Internal Contribution

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;
4. To play an active role in participating in activities in the MARCH Centre and the Maternal and Newborn Group.

External Contribution

1. To demonstrate good external citizenship by supporting the external academic and practice communities;

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2. To liaise effectively with others notably the NEST360 partner institutions, relevant ministries, donor organisations and affiliated technical experts in order to maintain and expand NEST360 and LSHTM partnerships.

Professional Development and Training

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;

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;
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:

1. A first or higher degree in the field of public health, epidemiology, medical statistics or other relevant quantitative science
2. Clinical experience in paediatric medicine/newborn care in low- and middle-income settings.
3. Evidence of good organisational skills, including effective time management.
4. Proven ability to work independently, as well as collaboratively, as part of a research team.
5. Evidence of excellent interpersonal skills, including the ability to communicate effectively both orally and in writing.
6. Understanding of clinical neonatal data and newborn care intervention processes, particularly Antenatal Corticosteroids, KMC, CPAP or Jaundice Management.
7. Experience in handling large, complex, and confidential datasets, with expertise in measuring data quality and implementing robust data security measures.
8. Relevant analytical skills in quantitative research and data management using STATA or a similar package.
9. Experience in scientific writing, editing and referencing, working on papers or journal supplements, or relevant reports, with high level skill in data visualisations.

Desirable Criteria

10. Some experience of teaching
11. Previous academic outputs relating to paediatric research.

Salary and Conditions of Appointment

The post is fixed term for 6 months and part-time 21 hours per week, 0.6 FTE. The post is funded by a consortium of private foundations and the prime grant holder is Rice360 and is available immediately. The salary will be on the Academic scale, Grade 5 scale in the range £39,182 - £41,240 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.

This role does not meet the minimum requirements set by UKVI to enable sponsorship under the skilled worker route. Therefore we cannot progress applications from candidates who require sponsorship to work in the UK.

Date amended: Jan 2024