

## RESEARCH ASSISTANT (EDUCATION)



<b>Job Title:</b>	<b>Research Assistant (Education Focused)</b>
<b>Department:</b>	Infectious Disease Epidemiology & Dynamics
<b>Faculty:</b>	Epidemiology and Population Health
<b>Location:</b>	London, UK
<b>FTE:</b>	1.0 FTE
<b>Grade:</b>	G5
<b>Accountable to:</b>	Head of Department through Principal Investigator (Dr. Yang Liu)
<b>Job Summary:</b>	<p>LSHTM has been funded by the Bill and Melinda Gates Foundation on strengthening the capacity in mainland China for vaccine research and decision making. We are developing close links to local public health practitioners, decision-makers, and researchers on while working on a wide range of vaccines including but not limited to the Human papillomavirus vaccines and pneumococcal conjugate vaccines. The post-holder will support the delivery of capacity-building and capacity-strengthening programmes on modelling vaccine-preventable infectious diseases (VPD) and on evaluating vaccine programmes in mainland China in early 2025. Key tasks will include translation of training material, coordinating the development and curation of training programmes (based on expert feedback), content evaluation (pre- and post-training events), and event planning/ organisation. They will work closely with Dr Yang Liu and liaise with trainers based at the LSHTM and academic teams and public health agencies in mainland China. These capacity-building and capacity-strengthening efforts are part of a project supported by the Bill and Melinda Gates Foundations on strengthening the pathway between vaccine research and decision-making. There will be opportunities to involve in VPD research upon further discussion/ agreement.</p> <p>We are based within the Department of Infectious Disease Epidemiology and Dynamics, which is a part of the Faculty of Epidemiology and Population Health, with close ties to the Centre for Mathematical Modelling of Infectious Diseases (CMMID). While the post is primarily based in London, UK, working with Dr Yang Liu, there will be time spent in China (Beijing and/ or Shanghai) early 2025.</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

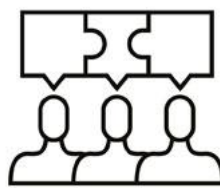
Our values establish how we aspire to achieve our mission both now and in the future - demonstrating what it means to work and study at LSHTM. Please visit our [LSHTM Values page](#) for further information.



**Act with  
integrity**



**Embrace  
difference**



**Work  
together**



**Create  
impact**

## FACULTY/DEPARTMENT INFORMATION

**The Faculty of Epidemiology & Population Health (EPH)** houses a large group 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 and Dynamics
- Department of Infectious Disease Epidemiology and International Health
- Department of Medical Statistics
- Department of Non-communicable Disease Epidemiology
- Department of Population Health

The Faculty has a teaching programme 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 and 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

### Department of Infectious Disease Epidemiology & Dynamics (IDED)

The Department of Infectious Disease Epidemiology & Dynamics conducts research on the epidemiology and control of infectious diseases of public health importance. Work is carried out in low-, middle- and high-income countries, including the United Kingdom, in close collaboration with partners in each country. The Department has three groups:

- The infectious disease modelling group, which is linked to the [Centre for Mathematical Modelling of Infectious Diseases \(CMMID\)](#).
- The [UK Public Health Rapid Support Team](#), a specialist multidisciplinary team across LSHTM and the UK Health Security Agency (UKHSA) that offers low and middle income countries around the world support to prepare for and respond to disease outbreaks, through field collaboration, research and capacity-strengthening activities.
- The [Vaccine Confidence Project](#), which conducts global research, investigating the roots, trends over time and impacts of vaccine confidence at regional, national and sub-national levels.

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

The Department Heads are Professor Gwenda Hughes and Dr Oliver Brady.

### Relevant Centres at LSHTM

The **Centre for the Mathematical Modelling of Infectious Diseases (CMMID)** is a multidisciplinary grouping of epidemiologists, mathematicians, economists, statisticians and clinicians from across all three faculties of the LSHTM. Research focuses on understanding and predicting the epidemiology of infectious diseases so that more effective control programmes can be devised. Researchers are developing and applying mathematical models to a range of infections including HIV and other sexually transmitted infections, HPV, tuberculosis, hepatitis C, influenza, rotavirus, measles, varicella, pneumococcal disease, Hib, malaria and sleeping sickness. More recently, CMMID has been one of the leading groups involved in responding to modelling needs in the UK and globally around the COVID-19 pandemic. More fundamental research includes developing methods to measure underlying contact patterns, sampling hard-to-reach populations (such as drug users), efficiently fitting complex mathematical models to data, and the integration of epidemiological models with economic analyses. CMMID is actively engaged in developing links with other modelling groups; members of the CMMID include mathematical modellers working at the UK Health Security Agency and the Royal Veterinary College.

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. Engage in reflective practice and critical enquiry, including:
  - a. reflecting on own teaching practice and delivery, including aspects of inclusivity, decolonizing, racial literacy and cultural competency, and that of others
  - b. assisting with the development and evaluation of innovative approaches to teaching and learning
  - c. Seeking, analysing and responding to student feedback
2. Form part of a LSHTM-wide community of staff actively involved in education, taking part in regular events including the annual Education session in LSHTM week, sharing good practice and working collaboratively with colleagues
3. Coordinate the development and curation of training material on quantitative modelling of vaccine-preventable diseases (VPD)
4. Evaluate the capacity-building and -strengthening efforts on modelling VPDs and on evaluating vaccine programmes

### Education

1. Assist with the design and preparation of practicals, seminars, lectures and assessments that embed inclusive approaches to teaching and learning
2. Provide practical/seminar facilitation face-to-face, online and in mixed mode, as part of a teaching team
3. Help to assess work and progress of students using appropriate criteria and provide constructive feedback to students on module assessments
4. Support project supervision
5. Carry out all education-focused duties according to expected quality standards, including ensuring inclusivity and student engagement
6. Support the administration of teaching and learning, as appropriate
7. Work towards achieving Advance HE recognition
8. Support the delivery of capacity-building and -strengthening programmes in mainland China. Key tasks will include translation of training material, coordinating the development and curation of training programmes (while coordinating expert feedback), content evaluation (pre- and post-training events), and event planning/organisation.

### Internal Contribution

1. Undertake activities that support the Department, Faculty or LSHTM
2. Participate in LSHTM's PDR process

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3. Link up with other education functions (e.g. certain short courses or modules) on infectious disease modelling at the LSHTM to ensure that all contents being developed by our community have been utilized

### External Contribution

1. Demonstrate good external citizenship by engaging with the external academic and practice communities
2. Engage with the public health and infectious disease modelling community in China

### Professional Development & Training

1. 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. 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 document);
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 relevant first degree in a relevant topic with a strong quantitative component, e.g. Public Health, Epidemiology, Public Policy, or Health Services Research
2. Some experience of teaching or tutoring adults (Recruiting Manager to specify)
3. Evidence of a critically reflective and evaluative approach to teaching
4. An understanding of the strategies for ensuring inclusion and accessibility in learning and teaching
5. The potential to support the delivery of education to postgraduate students effectively and enthusiastically
6. Evidence of good organisational skills, including effective time management
7. Proven ability to demonstrate initiative, as well as work collaboratively as part of a team
8. Evidence of excellent interpersonal skills, including the ability to communicate effectively both orally and in writing
9. Evidence of excellent digital skills relevant to online education (Recruiting Manager to specify)
10. Working proficiency in Mandarin Chinese
11. Strong communication skills both in writing and in-person

### Desirable Criteria

1. Knowledge of global and public health issues
2. Demonstrable ability to work effectively with people from a wide range of different countries and cultures
3. Knowledge of and/ or experience with infectious disease epidemiology, modelling and/or public health decision-making

## Salary and Conditions of Appointment

The post is fixed term until 30 April 2025 and full-time, 35 hours per week, 1.0 FTE. The post is funded by the Bill and Melinda Gates Foundation and is available from 1 October 2024. The salary will be on the Academic scale, Grade 5 scale in the range £38,282-£43,947 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](mailto: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 but due to the salary range for this role not meeting the general salary threshold, only applicants under certain circumstances may qualify for sponsorship for this role. Please refer to the details on the Skilled Worker visa pages to check if you are able to be paid below the [general threshold](#). Please indicate this in your application and proceed if you are able to meet the requirements.

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