

RESEARCH FELLOW



Job Title:	Research Fellow
Department:	Infectious Disease Epidemiology & International Health
Faculty:	Epidemiology and Population Health
Location:	Keppel Street, London
FTE:	1.0
Grade:	G6
Accountable to:	Head of Department through Principal Investigator (PI)
Job Summary:	<p>This is an exciting opportunity to join a well-established and renowned group of interdisciplinary scientists in the International Statistics and Epidemiology Group within the Department of Infectious Disease Epidemiology & International Health at LSHTM. The post holder will work closely with collaborators at The Health Research Unit (https://www.thruzim.org/) in Zimbabwe.</p> <p>We are seeking a Research Fellow to undertake statistical analysis and modelling of data from Y-Check, a novel and innovative adolescent health and well-being check-up visit intervention study. Comprehensive health and wellbeing data are available from a cohort of 2000 adolescents in Zimbabwe. Additional Y-Check studies are taking place in Ghana and Tanzania under the leadership of the World Health Organization, Geneva. The position offers an excellent opportunity to contribute to multi-country analysis and modelling, which will inform global programming and policy in this area.</p> <p>You will be responsible for conducting and disseminating high-quality research about the implementation and effects of check-up visits in adolescence. You will triangulate and interpret evidence from different sources to investigate the effects and potential longer-term effects of interventions delivered during adolescence. You will develop mathematical and economic models to understand the impact and cost-effectiveness of different adolescent health and wellbeing check-up strategies.</p> <p>We are looking for someone with experience analysing data sets from a variety of sources (e.g., survey data, clinical records, routine registers, digital data), and with experience in modelling the effects of interventions. The successful applicant will have a Postgraduate degree, ideally a doctoral degree, in a quantitative discipline such as epidemiology, mathematics, physics, statistics, bioinformatics or computational biology, or similar research experience. You will need demonstrable experience in R, and be committed to open research and/or software development.</p> <p>You will be encouraged and supported to develop your own related research questions and apply for fellowships/grants to support the knowledge generation of adolescent intervention effects throughout the life course.</p>

There will be scope to develop further research ideas and to take the lead in the use of modelling and analysis to develop and evaluate complex adolescent health interventions which is an expanding and challenging area of research.

The project is funded by UK Research and Innovation and by Fondation Botnar through the World Health Organization. One of the focuses of the programme is to support capacity strengthening; therefore, it is expected that the successful applicant will be involved in capacity building activities across the partner institutions and will be a core part of the team on related future projects.

General Information

The London School of Hygiene & Tropical Medicine (LSHTM) is renowned for its research, postgraduate studies and continuing education in public and global health.

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.

We embrace and value the diversity of our staff and student population and seek to promote equity, diversity and inclusion as essential elements in contribution to improving 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 discover more about LSHTM please click [here](#).

Our Values

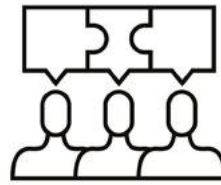
Our values establish how we aspire to achieve our mission both now and in the future - demonstrating what it means to work and study at LSHTM. To find out more please click [here](#).



**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 three distance Learning MSc courses: 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 of Infectious Disease Epidemiology (IDE) conducts research on the epidemiology and control of infectious diseases of public health importance. It also conducts research on maternal and neonatal health. Work is carried out in low-, middle- and high-income countries, including the United Kingdom. Research ranges from ecological studies of variations in disease frequency in different populations, through observational case-control and cohort studies to define risk factors for disease, to randomized controlled trials to test the impact of specific preventive and curative interventions.

IDE is the largest department within LSHTM and for organisational purposes has been split into two departments Department of Infectious Disease Epidemiology & Dynamics and Department of Infectious Disease Epidemiology & International Health. This post will be based in Department of Infectious Disease Epidemiology & International Health, the Department Heads are Oona Campbell and Sian Floyd.

THE MRC INTERNATIONAL STATISTICS & EPIDEMIOLOGY GROUP

The MRC International Statistics & Epidemiology Group (ISEG; Director: Professor Helen Weiss), established in 1972, is a group of approximately 35 statisticians and epidemiologists based in the Department of Infectious Disease Epidemiology at LSHTM and at research centres in Africa. The group has an extensive research portfolio of epidemiological research in resource-limited settings covering a range of diseases of major public health importance including HIV, TB, malaria, emerging and neglected diseases and mental health. We have an extensive network of collaborators, including the MRC/LSHTM Units in Uganda and The Gambia, the Aurum Institute for Health Research (Johannesburg, South Africa) and the Mwanza Intervention Trials Unit (Mwanza,

Tanzania). Further details are available on our [website](#).

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 & 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 and run statistical, mathematical and economic models to assess optimal adolescent health and well-being strategies in low- and middle-income countries
6. Disseminate findings in seminars, conferences, and other scientific meetings, and to stakeholders and communities

Education

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.

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.

External Contribution

1. To demonstrate good external citizenship by contributing to learned society/conference events, journal and grant reviews etc;

RESEARCH FELLOW



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. 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, 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. The academic expectations can be found [here](#).

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 postgraduate degree, ideally a doctoral degree, in a relevant topic.
2. Proven ability to analyse and interpret epidemiological data using conventional and more advanced statistical methods.
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.
7. Strong experience in R programming

Desirable Criteria

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. Willingness and ability to travel to collaborating sites in Zimbabwe, Tanzania, Ghana, and Switzerland (1-2 weeks per visit, 1-2 visits per year)
5. Experience in constructing mathematical and/or economic models, preferably of health service interventions.
6. Experience in analysing adolescent health and well-being data
7. Experience with STATA programming and Machine Learning

Salary and Conditions of Appointment

The post is fixed term until 31 January 2025 and full-time 35 hours per week, 1 FTE. The post is funded by UK Research and Innovation, and Fondation Botnar through the World Health Organization, and is available immediately. The salary will be on the Academic scale, Grade 6 scale in the range £43,947 - £49,908 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 website at <http://jobs.lshtm.ac.uk>. 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 at: <https://www.gov.uk/guidance/immigration-rules/immigration-rules-appendix-skilled-worker>

Date amended: May 2023

RESEARCH FELLOW

LONDON
SCHOOL *of*
HYGIENE
& TROPICAL
MEDICINE

