



Job Description

This form summarises the purpose of the job and lists its key tasks. It is not a definitive list of all the tasks to be undertaken as those can be varied from time to time at the discretion of the School, in consultation with the postholder. The description of the duties and responsibilities reflect the post at the time it was drawn up, the details of which may change over time without changing the general character and purpose of the post or the level of responsibility encompassed.

Job title: Assistant Professorial Research Fellow in Health Economics

**Centre/Institute: LSE Health
Research Fellow**

Accountable to: Associate Professorial

Job Summary

This part time (up to 50% FTE for 30 months to start in January 2021) role is focused on the economics of diagnosis, specifically understanding the associated economic and health systems implications of introducing a new diagnostic tool into existing markets. While the role will focus on malaria diagnosis, it is expected that the post holder will bring existing research expertise in the economics of diagnostics and/or infectious diseases to work with colleagues to build a hub of excellence focused on the economics of diagnosis.

As stated by The World Health Organization 'Early and accurate diagnosis of malaria is essential for both rapid and effective disease management and surveillance. High-quality malaria diagnosis is important in all settings as misdiagnosis can result in significant morbidity and mortality'.

Rapid Diagnostic Tests (RDTs) have become the cornerstone for the management of malaria in many endemic settings. However, there is scope to improve their accuracy. The pressing need to develop and evaluate a new generation of more sensitive and accurate diagnostic tests was the motivation for academics across Africa and Europe to come together as part of a new EDCTP funded study. This collaborative research project aims to evaluate a novel molecular diagnostic test for malaria. It aims to assess the diagnostic accuracy of a miniaturized molecular diagnostic test for malaria in five different malaria endemic settings: Burkina-Faso, Ethiopia, Kenya, Namibia and Sudan, alongside colleagues in UK and Holland.

The post holder will lead the the health economics work package. They will be responsible for an economic evaluation to determine the direct and indirect costs and benefits of allocating scarce resources to a new innovation for malaria compared to current diagnostic strategies in place. The optimal market conditions for an affordable, sustainable, cost-effective diagnostic tool to be introduced in different health systems and epidemiological settings will be explored with study partners.

In addition, the post holder will contribute to the intellectual life of the School through conducting and publishing outstanding quality research and participating in the School and wider LSE Health activities.



Range of Academic Activities and Responsibilities at Assistant Professorial Research Fellow Level at LSE

Research productivity

- Primarily focussed on producing the required research outputs for the project in close collaboration with academics and implementors across Africa.
- Developing a body of outstanding quality publications in well recognised peer reviewed outlets.
- Conducting substantive research into complex problems, ideas, concepts or theories and applying appropriate methodologies.
- Developing and carrying forward a coherent research strategy in their discipline which has national and international impact and fits with the research agenda of LSE Health.
- Formulating peer reviewed funding bids which develop and enhance research support for the specialist area and achieving success in attracting such funding.
- Managing research projects and grants either independently or collaboratively.
- Providing academic leadership at conferences and raising the profile of LSE research
- Initiating and developing links with internal contacts such as academics in interdisciplinary departments/institutes/centres, external contacts at other educational institutions, employers and professional organisations to actively foster collaboration.
- Presenting research and giving invited papers at national and international conferences.
- Providing expert opinion and commentary to external audiences and organisations.
- Acting as a reviewer for academic journals and research grant applications.

Knowledge engagement and impact

- Actively developing strategies to ensure that research outputs have demonstrable impact and inform the public debate.
- Engaging with non-academic audiences.

Management and leadership of research projects

- Leading small research projects that may involve co-ordinating the work of others.
- Training and supervising the work of research assistants and of research officers.
- Contributing to the development of teams, through supervision and peer support.

Activities relating to centre/institute/departmental/School management and administration

- Fostering collegiality and fulfilling responsibilities as set out by the Centre Director.
- Attending and participating in LSE Health and Health Policy meetings and contributing towards the intellectual life of the unit.
- Contributing to the development of individuals, through mentoring of junior research staff.
- Support Centre recruitment activity of research staff, including membership of relevant search committees.

Other responsibilities may include

- Contributing to strategic deliberations and making decisions at Institutional level, e.g. through membership of School committees.
- Supervising Masters' students.

Precise duties are subject to the opportunities available, the contractual obligations imposed by the external funding agency and with the agreement of the grant-holder, Principal Investigator, Centre Director and/or Head of Department, in accordance with established line management arrangements and commensurate with the post.

**Flexibility**

To deliver services effectively, a degree of flexibility may be required in the duties performed in order to meet the exigencies of service. Job roles may also naturally develop over time and ongoing substantial changes to a role will be discussed between line managers and their staff, with job descriptions updated as and when appropriate.

Equity, Diversity and Inclusion (EDI)

LSE is committed to building a diverse, equitable and truly inclusive university. All posts (and post holders) will seek to ensure diversity and inclusion, while opposing all forms of unlawful and unfair discrimination on the grounds of age, disability, gender identity, marriage and civil partnership, pregnancy and maternity, race, nationality, ethnic or national origin, religion or belief, sex and sexual orientation, or social and economic background.

Ethics Code

Posts (and post holders) are assumed to have a responsibility to act in accordance with the School's Ethics Code and to promote the principles and values that the Code enshrines. The Ethics Code clearly states that the whole LSE community, including all staff, students, and governors of LSE, are expected to act in accordance with the principles which are set out in the Code. As such you are required to read and familiarise yourself with it. The School's Effective Behaviours Framework is designed to support this Code. It sets out examples for the six behaviours that all staff are expected to demonstrate, these can be found on the following link: [click here](#)

Environmental Sustainability

The post holder is required to minimise environmental impact in the performance of the role, and actively contribute to the delivery of the LSE Environmental Policy.