

**PROFESSOR OF MALARIA AND
GLOBAL HEALTH/HONORARY CONSULTANT
PHYSICIAN**

LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE



FACULTY OF INFECTIOUS AND TROPICAL DISEASES

DEPARTMENT OF CLINICAL RESEARCH

Job Title:	Professor of Malaria and Global Health / Honorary Consultant Physician
Department:	Clinical Research Department
Faculty:	Infectious & Tropical Diseases
Location:	London
FTE:	1.0
Accountable to:	Dean of Faculty through the Head of Department: Line manager David Mabey
Job Summary:	<p>To develop an excellent personal research portfolio, with emphasis on field trials of malaria control interventions in Africa</p> <p>To provide epidemiological support for the UK's Public Health England Malaria Reference Laboratory</p> <p>To support LSHTM's teaching portfolio in malaria and tropical medicine, including serving as the Chair of the Exam Board for the East African Professional Diploma in Tropical Medicine & Hygiene (DTM&H)</p> <p>To take a leading role in LSHTM's Malaria Centre</p>

GENERAL INFORMATION

The London School of Hygiene & Tropical Medicine

The London School of Hygiene & Tropical Medicine is a world-leading centre for research and postgraduate 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.

Founded in 1899, the School has expanded in recent years at its two main sites on Keppel Street and Tavistock Place. Our staff, students and alumni work in more than 150 countries in government, academia, international agencies and health services. Research income has grown to more than £110 million per year from national and international funding sources including UK government and research councils, the European Union, the Wellcome Trust, Gates Foundation and other philanthropic sources. The School's multidisciplinary expertise includes clinicians, epidemiologists, statisticians, social scientists, molecular biologists and immunologists, and we work with partners worldwide to support the development of teaching and research capacity.

Our education provision has expanded to more than 1,000 London-based Master's and Research students, 3,000 studying postgraduate courses by distance learning, and 1,000 each year on short courses and continuous professional development. Our free online courses (MOOCs) are studied by more than 30,000 participants globally.

The School performs well in various global university league tables. In the US News Best Global Universities Ranking 2017, we are ranked sixth in the world (together with Oxford University) in

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the fields of social sciences and public health. In the 2016 CWTS Leiden Ranking, the School was ranked fifth in the world for research impact across all disciplines, based on the share of institutions' outputs within the top 1% of papers by citation in all areas of science and independent of size of output.

The School was named University of the Year 2016 by Times Higher Education, in recognition of our response to the Ebola epidemic. The School is a member of the M8 Alliance of Academic Health Centres, Universities and National Academies, the Association of Schools of Public Health in the European Region, and the Consortium of Universities for Global Health.

Faculty of Infectious and Tropical Diseases

The Faculty of Infectious and Tropical Diseases encompasses all of the laboratory-based research in the School as well as that on the clinical and epidemiological aspects of infectious and tropical diseases. It is headed by Brendan Wren, who is Professor of Microbial Pathogenesis. The range of disciplines represented in the faculty is very broad and inter-disciplinary research is a feature of much of our activity. The spectrum of diseases studied is wide and there are major research groups with a focus on malaria, tuberculosis, HIV/AIDS and other sexually transmitted diseases, vaccine development and evaluation, and vector biology and disease control. The Faculty is organised into four large research departments comprising: Pathogen Molecular Biology, Immunology and Infection, Disease Control, and Clinical Research. There is close interaction between scientists in different research teams. The Faculty has strong overseas links, which provide a basis for field studies and international collaborations in developed and developing countries. The teaching programme includes MSc courses, taught in-house and by distance learning, which are modular in structure, a variety of short-courses and an active doctoral programme (PhD and DrPH). For further information on the Faculty see: <http://www.lshtm.ac.uk/itd/index.html>.

Department of Clinical Research (Head: Professor David Mabey)

The Department of Clinical Research addresses infectious diseases of major public health importance in developing countries. Activities include trials of new therapies, vaccines and educational interventions; the development of new diagnostic tests; studies to elucidate the immunological and molecular correlates of pathogenesis and protective immunity, and to identify genetic polymorphisms conferring protection or susceptibility to infectious diseases; health services research which aims to identify the most efficient and cost-effective way to deliver health care; and health policy analysis. In addition to our many overseas collaborations, we have close links with the Hospital for Tropical Diseases, in purpose-built accommodation on the main UCL Hospital campus, five minutes' walk from the School. The Wellcome Trust Bloomsbury Centre for Global Health Research is based in the Department, and supports Clinical Fellows at all levels, most of whom are based overseas.

The Department's main research interests include HIV and related infections; in particular, the interaction between HIV infection and tuberculosis, and other sexually transmitted diseases; malaria; trachoma; leprosy; diagnostic tests for resource limited settings; eye health; disability; and travel medicine.

The portfolio of duties outlined below will vary in accordance with the detailed expectations of the role and any additional role to which you are formally appointed (attached), all of which may be varied from time to time, and as agreed at your annual Performance and Development Review (PDR).

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JOB DESCRIPTION

Main Activities and Responsibilities

KNOWLEDGE GENERATION

1. To deliver high quality scholarship and research on malaria, with a focus on field trials of malaria control interventions in Africa, individually and in collaboration with others, by maintaining a substantial programme of research supported by good¹ research funders, seeking internationally competitive grant funding and publishing in high impact peer-reviewed journals.
2. To develop productive working relationships with colleagues based at LSHTM, other UK institutions, and internationally.
3. To provide leadership in developing a research portfolio focusing on malaria control and elimination in Africa.
4. To oversee and participate in research degree supervision and examination;
5. To demonstrate research leadership and promote and ensure compliance of self and others with good practice in relation to the conduct of research, the ethics policy, and other relevant School policies;
6. To lead on, monitor and advance the development of early-career researchers;

EDUCATION

1. To support LSHTM's teaching portfolio in malaria and tropical medicine, including serving as the Chair of the Exam Board for the East African Professional Diploma in Tropical Medicine & Hygiene (DTM&H).
2. To deliver high quality education and assessment in relation to malaria and within the broader area covered by your department and disciplinary field;
3. To contribute to improvement of the quality of the School's education, by participating in the review and development of new and updated learning and teaching materials or approaches, and/or improving assessment practices, and/or improving aspects of the student experience;
4. To demonstrate educational leadership and management by supporting the Head of Department and Dean of Faculty in academic management activities and collaborating with professional services staff both centrally and in the Faculty office in supporting improvements to administrative processes;

INTERNAL CONTRIBUTION

1. To demonstrate good internal citizenship by undertaking PDRs and promoting staff development, and by leading on the recruitment, mentoring and support of colleagues as appropriate;

¹ Good research funders are: Research Councils; Government Departments; NIHR; National and overseas charities recognised by HEFCE for QR; Overseas research councils or equivalent including NIH; EU; other agencies (e.g. NGOs, commercial companies) supporting commissioned research that is consistent with School's mission and meets School's cost recovery targets.

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2. To take on senior leadership and managerial responsibilities in a Faculty, Department or Centre and School committee roles as appointed, and by supporting activities that ensure a vibrant, supportive and productive academic environment;
3. To contribute to the management and operations of the Clinical Research Department by undertaking specific responsibilities as agreed with the Head of Department.

LSHTM's MALARIA CENTRE

1. To provide support to the Malaria Centre at a senior level, aiming to further develop the Centre's global reputation of excellence in malaria research.
2. To provide academic leadership of Centre members working along the transitional pathway of malaria research, ranging from basic laboratory science to social and economic studies, with emphasis on translating research outcomes into practice, and providing the best evidence for policy and practice in the prevention, diagnosis and treatment of malaria globally.
3. To support LSHTM's teaching and training on malaria in London, the UK, and overseas.
4. To provide support for the Centre's seminars, conferences, annual retreats, and reports.

EXTERNAL CONTRIBUTION

1. To demonstrate good external citizenship by initiating and building the School's links with appropriate external and international organisations, supporting School fund-raising and development activities and maintaining a strong national and international profile.
2. To promote knowledge translation and enterprise by exploiting academic knowledge beyond academia.

UK PHE MALARIA REFERENCE LABORATORY

1. To provide epidemiological support to the Malaria Reference Laboratory, including investigating cases of imported malaria into the UK, ensuring complete and accurate reporting, and providing advice on the prevention of malaria in travelers, and in educating and supporting UK Health Trusts and individual clinicians on the diagnosis, treatment, and prevention of malaria.

CLINICAL DUTIES

1. Clinical assessment of patients recruited to the studies (questionnaires, interviews, examinations and sample collection);
2. Providing advice on malaria prevention as responsibilities detailed above to the UK PHE Malaria Reference Laboratory;
3. To complete applications to research ethics committees and adhere to ethics guidelines in clinical research.

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PROFESSIONAL DEVELOPMENT & TRAINING

1. To keep up-to-date with the latest research/thinking in your academic field and with changes to pedagogic practice within the School and more generally;
2. To undertake and successfully complete the mandatory training required by the School 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 the School 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 the School's best interests;
2. Treat School staff, students and visitors with courtesy and respect at all times;
3. Comply fully with School 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 the School's values (as set out in the School Strategy document);
5. Act as ambassadors for the School when hosting visitors or attending external events;

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.

[JAN 2017]

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

- Medically qualified doctor
- Eligible for full UK General Medical Council registration
- On GMC Specialist List for Infectious Diseases
- PhD or equivalent
- Clinical experience of managing malaria within the NHS and internationally
- A substantial portfolio of research on malaria in Africa along the transitional pathway (basic science, entomology, clinical trials, field trials, health systems, social science, economic evaluation and policy)
- A strong track record in obtaining international competitive research funding

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- Record of high-quality publications in peer-reviewed journals
- Excellent IT skills
- Excellent written and oral communication skills in English with the ability to write excellent scientific papers
- Ability to communicate effectively with a wide variety of stakeholders (including academic and professional support staff) building a rapport with colleagues to gain support and develop productive collaborative relationships
- Experience of teaching at postgraduate level
- Ability to think strategically and manage competing priorities
- Proven management and leadership skills within international and NHS healthcare settings
- Ability to work in a diverse multicultural environment

DESIRABLE CRITERIA

- Diploma of Tropical Medicine and Hygiene
- Commitment to the Athena-SWAN agenda of gender equity in scientific careers

SALARY AND CONDITIONS OF APPOINTMENT

This post is without duration. The salary will be on an appropriate point on the pay scale for NHS consultants in the range £76,761 to £103,490 per annum plus £2,162 London allowance per annum dependent on clinical seniority. An honorary consultant contract will be sought either at the Hospital for Tropical Diseases at UCL Hospital; or at the Public Health England Malaria Reference Laboratory based at LSHTM

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 "Director's Days". Membership of the Pension Scheme is available.

Applications should be made online 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 shortlisted. Online applications will be accepted by the automated system until 10pm of the closing date. Any queries regarding the application process may be addressed to jobs@lshtm.ac.uk. Please quote reference **ITD-CRD-2018-07**.

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" will not be considered acceptable.

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.

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ASYLUM AND IMMIGRATION STATEMENT

The School will comply with the Immigration, Asylum and Nationality Act 2006, 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 bring their passport (and visa if applicable) to interview so that it can be copied and verified.

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 Certificate of Sponsorship and eligibility to work in the UK, can be found at: www.ukba.homeoffice.gov.uk/employers/points.

Date compiled: March 2017

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Academic Expectations: Professor

Examples of expected types of activities are listed; the selection of activities will vary from year to year and not all activities in each category would necessarily be done in any one year. The statement in each shaded heading summarises the general expectations for contributions in each category.

<p>Knowledge generation: <i>Activities that maintain strong international research profile and reputation with substantial and significant contributions to knowledge</i></p> <p><i>Research and scholarship</i></p> <ul style="list-style-type: none"> Substantial programme of research supported by 'good'² research funders, including as PI, that is consistent with the requirements for financial sustainability across the Department/Faculty Strong collaborations with other research teams/institutions/industry Contributing as lead, senior and co-author in peer-reviewed outputs, as expected by the subject area/discipline in terms of types and volume of output; significant contributions to at least four outputs within the most recent 3 years which are internationally excellent and/or world leading^{3 4}; supporting members of own research team to also meet their expectations for outputs Generation and securing of intellectual property (including patents) as appropriate Other research dissemination including invited keynote talks <p><i>Doctoral degree supervision</i></p> <ul style="list-style-type: none"> Effective doctoral degree supervision within multiple supervision teams (for 2-6 students); supporting timely completions and peer-reviewed outputs Internal and external examiner; chair for interim assessment panels and final vivas Mentorship of less experienced supervisors/examiners <p><i>Research management, leadership and support</i></p> <ul style="list-style-type: none"> Leading, building, supporting and managing research teams <p><i>Professional development referenced to RDF</i></p> <ul style="list-style-type: none"> Senior management development and other development activities
<p>Education: <i>Activities that ensure external profile as a research-informed teacher, leader and innovator within higher education</i></p> <p><i>Teaching and assessment</i></p> <ul style="list-style-type: none"> Excellent research-informed teaching, supervision and assessment, demonstrating adaptability to different needs and contexts; mentorship/development of other academic staff Personal tutoring allocation and/or specialist support for particular student groups (e.g. international, disability, student representatives), Participation in quality assurance and quality enhancement processes, and course committees and examination boards <p><i>Educational development and innovation</i></p> <ul style="list-style-type: none"> Significant contributions to research-informed educational developments/innovations (including acting on student feedback); evaluation of selected aspects With others, solving important learning, teaching, assessment or student experience challenges; with evidence of impact

² Good research funders are: Research Councils; Government Departments; NIHR; National and overseas charities recognised by HEFCE for QR; Overseas research councils or equivalent including NIH; EU; other agencies (e.g. NGOs, commercial companies) supporting commissioned research that is consistent with School's mission and meets School's cost recovery targets

³ i.e. of a quality that would be rated highly in assessments of research quality such as those done by UK government, and in peer review processes used by funders

⁴ Where publications are co-authored with other School staff, the volume should be such that each person has at least 4 distinct outputs

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- Solicit and use peer review of education delivery and/or development⁵

Education leadership and management

- Evidence of external influence of work eg through acknowledgement and invitations to advise or collaborate
- Leadership roles at Programme and School levels⁶
- Contributions to education strategies and policies through committees, forums or review groups

Professional development referenced to UKPSF

Working towards fulfilling the criteria for Senior or Principal Fellow HEA through ongoing commitment to professional development activities

Internal contribution: Significant contributions to School functioning and development

Internal citizenship

- Activities that support Department, Faculty or School goals, including leading relationships with School partners
- Activities that help ensure a vibrant, productive and supportive academic environment, eg serving on Council, Senate and its sub-committees; chairing Ethics, Biological Safety, AWERB and other committees
- Serving on School interview panels and committees, organising events, supporting broader education and doctoral degree processes

School leadership and management roles

- HoD, ADoE, TPD, FDDD, DDDC
- Centre Director/Deputy Director or theme leader
- Supporting School partnerships (beyond own specific research activities)

External contribution: Significant contribution beyond the School

External citizenship

- Invited contributions to: peer review bodies/roles, DSMBs, journal editing, professional organisations and learned societies (eg chair of committee), government and/or parliamentary (eg APPG) committee membership, national/international meetings/ working groups; roles as external taught course examiner, quality/curriculum reviewer or educational consultancy; receipt of grants or prizes

Knowledge translation and enterprise

- Exploiting research-based knowledge beyond academia, e.g. through IP exploitation, consultancies
- Participating in and developing external networks for the School's benefit, such as identifying sources of funding, contributing to student recruitment, securing student placements, marketing the institution, facilitating outreach work, generating income, obtaining consultancy projects, or building relationships for future activities
- Leading development of research impact case studies
- Supporting public engagement including MOOCs/OERs or other educational outreach

⁵ e.g. publication, conference presentation, special interest group, engagement with external examiners or reviewers, peer-observation

⁶ e.g. Course Director/deputy, leadership role within collaborative education programme with other institution(s), Exam Board Chair/Deputy, representing Programme Directors'/Module Organizers' Forums on SLTC, Chair of Education Task & Finish Group, (Co-)Lead for education Quality Assurance processes, (Co-)Lead for Doctoral Training Programme or similar

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Professor (Pay Band Bi)

Professor (Bii) expectations provide the baseline for Professors (Bi). Where Professors (Bi) are expected to undertake additional activities, or undertake activities at a higher level, these are listed below.

The expected types of activities are examples; the selection of activities will vary from year to year and not all activities in each category would necessarily be done in any one year. The statement in each shaded heading summarises the general expectations for contributions in each category.

<i>Knowledge generation: Activities that maintain outstanding international research profile and reputation with widely acknowledged contributions to knowledge</i>
<p><i>Research and scholarship</i></p> <p>As for Professor (Bii), but with:</p> <ul style="list-style-type: none"> ○ Leadership of substantial research programme consistent with the School's mission funded through substantial research grants and/or top level personal fellowships from prestigious funders e.g. RCUK, Wellcome Trust, NIH ○ Activities that help ensure that work is demonstrably held in significant national and international esteem, eg through obtaining the top tier of research fellowships; election as fellow of prestigious learned societies; award of prestigious prizes and honours; requests to giving prestigious lectures/keynotes
<i>Education: Activities that maintain international reputation and recognition for outstanding achievements as an educator and educational developer/innovator</i>
<ul style="list-style-type: none"> • As for Professor (Bii), but with increased emphasis on activities that ensure national or international recognition.
<i>Internal contribution: Exceptional contributions to School functioning and development</i>
<ul style="list-style-type: none"> • As for Professor (Bii), but taking major responsibility for School or Faculty strategic leadership in development of research/education, leading, developing and motivating colleagues to achieve School aims beyond own research and teaching (e.g. contributions to development of thriving international institutional partnerships, furthering equality and diversity, representing the School on matters of core importance, supporting major fund raising goals)
<i>External contribution: Exceptional contribution beyond the School</i>
<p>As for Professor (Bii) but in addition:</p> <p><i>External citizenship</i></p> <ul style="list-style-type: none"> • Membership of REF panel or equivalent national or international major peer review body • Major role on national or international funding body • Major role on national or international policy-making body <p><i>Knowledge translation and enterprise</i></p> <ul style="list-style-type: none"> • Sustained engagement with national and international partners, including industry, that leads to significant and ongoing benefits to the population of the UK and/or elsewhere