

LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE
(University of London)

**LONDON
SCHOOL of
HYGIENE
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MEDICINE**



CLINICAL RESEARCH FELLOW

Wellcome Clinical PhD Programme in Global Health Research

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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 £180 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.

Our diverse research talents, skills and experience, underpin our position as a leader in public and global health. These range from the molecular to the global, the theoretical to the applied, the analytical to the political. Our staff are conducting research in more than 100 countries.

We have 3,000 staff based all around the world with core hubs in London and at the MRC Units in The Gambia and Uganda, which joined LSHTM in February 2018. Our outstanding, diverse and committed staff make an impact where it is most needed - deploying research in real time in response to crises, developing innovative programmes for major health threats, or training the next generations of public and global health leaders and researchers.

Working in partnership is central to achieving our mission. Our strategic collaborations in the UK and across high-, middle- and low-income countries deliver health and socioeconomic benefits across the world, especially in the most disadvantaged communities.

LSHTM is also a member of the M8 Alliance of Academic Health Centers, Universities and National Academies, the Association of Schools of Public Health in the European Region, and the Consortium of Universities for Global Health.

We deliver research-led educational programmes to future health leaders, managers and researchers across the world. We have more than 1,000 face-to-face Master's and Doctoral students, 3,000 studying by distance learning, and 1,000 each year on short courses and continuous professional development. Our free online courses are studied by more than 55,000 participants globally.

LSHTM performs strongly in various global university league tables. In the 2018 Shanghai World Ranking we placed 151-200 overall, and ranked 3rd in public health, 40th in clinical medicine, and 76th in human biology. In the US News Best Global Universities Ranking 2019, we ranked ninth in the UK overall and 13th in the world in the fields of social sciences and public health in the 2019 QS World University Rankings.

In 2017, the inaugural Center for World University Rankings by Subject placed LSHTM first in the world for tropical medicine research, second for parasitology and seventh for infectious diseases, public, environment and occupational health and social sciences and biomedical. LSHTM ranked first in Europe for research impact in sciences, based on its proportion of publications that belong to the top 1% most frequently cited publications, in the 2018 CWT Leiden Ranking.

LSHTM was named University of the Year 2016 by Times Higher Education and awarded a Queen's Anniversary Prize for Higher and Further Education in 2017 in recognition of our response to the 2014 Ebola epidemic in West Africa. (LSHTM does not appear in the Times Higher Education World University Rankings as universities are excluded if they do not teach undergraduates).

We seek to foster and sustain a creative and supportive working environment based upon an ethos of respect and rigorous scientific enquiry. We embrace and value the diversity of our staff and student population and seek to promote equality as an essential element in contribution to improving health worldwide.

LSHTM is one of around 20 specialist institutions that receive institution specific funding from the Office for Students (OfS). This funding recognises the additional

costs that LSHTM incurs because of its unique range of teaching, specialist facilities, and the scale of its contributions to national and international agencies.

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 Alison Grant, who is **Professor of International Health**. 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 three large research departments comprising: Clinical Research, Disease Control, and Infection Biology. 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>.

Faculty of Epidemiology & Population Health

The Faculty of Epidemiology & Population Health 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 four research departments.

- Department of Infectious Disease Epidemiology
- 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 in Developing Countries (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 and Clinical Trials. The Faculty also has approximately 120 research students studying for an MPhil, PhD or DrPH degree. The Dean of Faculty is Professor John Edmunds. <https://www.lshtm.ac.uk/aboutus/organisation/faculties/epidemiology-and-population-health>

Faculty of Public Health and Policy

The Faculty of Public Health & Policy is responsible for research and teaching in the policy, planning and evaluation of health programmes and services. Its interests are both national and international, encompassing industrialized, and less developed countries. The Faculty has three research departments:

- Health Services Research and Policy
- Global Health and Development
- Social and Environmental Health Research

Each department is multidisciplinary containing about 100+ academic staff representing medicine, statistics, epidemiology, sociology, economics, anthropology, operational research, psychology, nursing and history. Each department is responsible for its own research. The School has adopted a rotating system of management for its academic departments and faculties. The management of a department is under the control of the Department Head, appointed by the Director for a period of three years in the first instance. The Faculty Head is appointed in a similar manner but for an initial period of up to five years

The Dean of Faculty is Professor Richard Smith.

<https://www.lshtm.ac.uk/aboutus/organisation/faculties/public-health-and-policy>

Teaching

The School offers 19 one year full-time taught courses leading to the Master of Science (MSc) degree of the University of London and the Diploma of the London School of Hygiene and Tropical Medicine (DLSHTM). The Faculty of Infectious and Tropical Diseases runs or contributes substantially to ten of these courses and the “Immunology of Infectious Diseases” course is run from within the Department of Immunology and Infection. In addition, the Faculty is responsible for the three-month Diploma in Tropical Medicine and Hygiene (DTM&H), the Diploma in Tropical Nursing and offers a range of specialist short courses lasting usually one or two weeks. Five MSc courses are also offered by Distance-based Learning, including one on Infectious Diseases.

UNIVERSITY COLLEGE LONDON

UCL is one of the world's top universities. Based in the heart of London, it is a modern, outward-looking institution. At its establishment in 1826, UCL was radical and responsive to the needs of society, and this ethos – that excellence should go hand-in-hand with enriching society – continues today. UCL's excellence extends across all academic disciplines; from one of Europe's largest and most productive hubs for biomedical science interacting with several leading London hospitals, to world-renowned centres for architecture (UCL Bartlett) and fine art (UCL Slade School).

UCL is in practice a university in its own right, although constitutionally a college within the federal University of London. With an annual turnover exceeding £1 billion, it is financially and managerially independent of the University of London. UCL's staff and former students have included 29 Nobel prizewinners. It is a truly international community: more than one-third of our student body – more than 35,000 strong – come from 150 countries and nearly one-third of staff are from outside the UK.

UCL offers postgraduate research opportunities in all of its subjects, and provides more than 200 undergraduate programmes and more than 400 taught postgraduate

programmes. Approximately 54% of the student community is engaged in graduate studies, with about 29% of these graduate students pursuing research degrees.

UCL is independently ranked as the most productive research university in Europe (SIR). It has 983 professors – the highest number of any university in the UK – and the best academic to student ratio of any UK university (*The Times*, 2014), enabling small class sizes and outstanding individual support.

In Research Excellence Framework 2014 (REF2014), UCL was rated the top university in the UK for 'research power' (the overall quality of its submission multiplied by the number of FTE researchers submitted). It was rated top not only in the overall results, but in each of the assessed components: publications and other research outputs; research environment; and research impact. REF2014 confirmed UCL's multidisciplinary research strength, with many leading performances across subject areas ranging from biomedicine, science and engineering and the built environment to laws, social sciences and arts and humanities.

The **UCL School of Life and Medical Sciences (SLMS)** brings together four UCL Faculties to create one of the largest and most prestigious aggregations of academics in biomedical, life and population health sciences. The School has a global reputation for teaching that is informed by cutting-edge research. For further information, please see: <http://www.ucl.ac.uk/slms/> under the "About-us" link.

SLMS comprises four Faculties:

- ❖ Brain Sciences <https://www.ucl.ac.uk/brain-sciences/>
- ❖ Life Sciences <https://www.ucl.ac.uk/lifesciences-faculty/>
- ❖ Medical Sciences <http://www.ucl.ac.uk/biomedical-sciences/>
- ❖ Population Health Sciences <http://www.ucl.ac.uk/populationhealth-sciences>

The UCL Great Ormond Street Institute of Child Health (GOS ICH)

The mission of the UCL GOS Institute of Child Health is to improve the health and well-being of children, and the adults they will become, through world-class research, education and public engagement. The UCL GOS ICH, together with its clinical partner Great Ormond Street Hospital for Children, forms the largest concentration of children's health research outside North America.

GOS ICH's activities include active engagement with children and families, to ensure that our work is relevant and appropriate to their needs. GOS ICH generates the funding for our research by setting out our proposals in high quality applications to public, charitable and industrial funding bodies and disseminates the results of our research by publication in the medical and scientific literature, to clinicians, policy makers and the wider public.

The Institute offers world-class education and training across a wide range of teaching and life learning programmes which address the needs of students and professional groups who are interested in and undertaking work relevant to child health.

The UCL GOS Institute of Child Health is part of the Faculty of Population Health Sciences and the School of Life and Medical Sciences. For more information please visit the following websites for the School (<http://www.ucl.ac.uk/slms>), and the Faculty (<http://www.ucl.ac.uk/populationhealth-sciences>)

The Faculty brings together expertise in Child Health, Women's and Reproductive Health, Population Health, Global Health, Cardiovascular Science, Clinical Trials and Health Informatics, in a unique grouping that spans the life-course.

The UCL Institute of Clinical Trials and Methodology

The Institute of Clinical Trials and Methodology is also within the Faculty of Population Health Sciences (FPHS). The Institute was established on 1st August 2013 and is formally comprised of two Research Departments: The MRC Clinical Trials Unit at UCL (MRC CTU) and the Comprehensive Clinical Trials Unit at UCL (CCTU). It currently directly employs 265 staff and generates an annual income in excess of £30 million. The Institute also has two further units that are virtual members: The Cancer Research UK & UCL Cancer Trials Centre and the PRIMENT Clinical Trials Unit. Over time, and building on the strengths of its Research Departments the mission of the Institute is to become a centre of excellence for the conduct of all phases of clinical trials, meta-analysis and epidemiological studies. Key areas of focus for the Institute will include delivering innovations in trial methodology and training and developing the next generation of trialists. The **MRC CTU at UCL** is a centre of excellence for clinical trials, meta-analyses and epidemiological studies. It is committed to strengthening and expanding the evidence base for healthcare nationally and internationally. It also develops methodology to improve the design, conduct and analysis of clinical studies, and hosts one of the MRC's eight regional Hubs for Trials Methodology Research. The Unit currently has around 230 staff.

KING'S COLLEGE LONDON

King's College London is one of the top 25 universities in the world (according to the 2016-17 QS international world rankings). King's has over 27,600 students (including nearly 10,500 postgraduates) from some 150 countries and almost 6,800 employees. In the 2014 Research Excellence Framework (REF) King's was ranked 6th nationally in the 'power' ranking, which takes into account both the quality and quantity of research activity, and 7th for quality according to Times Higher Education rankings. Eighty-four per cent of research at King's was deemed 'world-leading' or 'internationally excellent' (3* and 4*). The university is in the top seven UK universities for research earnings and has an overall annual income of more than £684 million.

Interdisciplinary Global Health research at King's is conducted across its health schools (particularly the Faculty of Life Sciences and Medicine, and the Institute of Psychiatry, Psychology and Neuroscience) and arts and sciences schools (particularly the Faculty of Social Science and Public Policy).

The Faculty of Life Sciences & Medicine (FoLSOM) –

Executive Dean: Prof Richard Trembath

The Faculty of Life Sciences & Medicine is one of the largest and most successful centres for research and education in the UK. The Faculty was created as a result of the merger of elements of the School of Biomedical Sciences with the School of Medicine. The merger brings together basic, translational and clinical scientists to provide new cross-divisional research collaborations while optimising the deployment of teaching expertise across the Faculty. The Faculty has unparalleled expertise in

basic, translational and clinical research in: analytical and forensic science; asthma and allergy; biophysics and cell biology; cancer; cardiovascular disease; nutrition and diabetes; genetics; infection and immunology; imaging and biomedical engineering; transplantation immunology; pharmaceutical science; physiology and women's health. FoLSOM also has thriving research programmes in global health, palliative and health and social care.

<http://www.kcl.ac.uk/lsm/about/index.aspx>

The Institute of Psychiatry, Psychology & Neuroscience (IoPPN)

Executive Dean: Patrick Leman

The Institute of Psychiatry, Psychology & Neuroscience (IoPPN) is the premier centre for mental health and related neurosciences research in Europe, and the world's second most cited institution carrying out psychiatry and psychology research. IoPPN comprises three divisions, Psychology & Systems Sciences (Psychology, MRC Centre for Social Genetic and Developmental Psychiatry, Health Service and Population Research, and Biostatistics; Academic Psychiatry (Addictions, Child and Adolescent Psychiatry, Forensic and Neurodevelopmental Science, Old Age Psychiatry, Psychological Medicine and Psychosis Studies), and Neuroscience (Basic and Clinical Neuroscience, Developmental Neurobiology, Neuroimaging; and the Wolfson Centre for Age Related Diseases). Each Division includes more than 100 Principal Investigators, with research grants of £25-40 million. The IoPPN hosts King's contribution to the Centre for Global Mental Health, a partnership with the London School of Hygiene and Tropical Medicine.

<http://www.kcl.ac.uk/ioppn/index.aspx>

The Faculty of Social Science and Public Policy (SSPP)

Executive Dean: Prof. Frans Berkhout

The Faculty of Social Science and Public Policy (SSPP) is home to one of the largest UK university communities for social research and education, with world-leading expertise across the social sciences, from political economy to management, security studies to international development, geography to global health, education to communication. Research and education are informed by the wish to make knowledge to matter in the world and the belief that this can be achieved by collaboration on real-world problems, combining insights and methods from across the disciplines. SSPP takes an international approach to advancing social science scholarship. The teaching and research community includes politicians, business leaders, policy-makers, and activists in London, the UK, Europe and internationally, while our students come from 130 countries. SSPP includes the School of Global Affairs, comprising King's global institutes for China, India, Brazil and Russia, and the International Development Institute. The Policy Institute at King's connects and informs policy across government and business

<http://www.kcl.ac.uk/sspp/index.aspx>

QUEEN MARY UNIVERSITY OF LONDON – BARTS AND THE LONDON SCHOOL OF MEDICINE & DENTISTRY

Queen Mary has its roots in four historic colleges: Queen Mary College, Westfield College, St Bartholomew's Hospital Medical College and the London Hospital Medical College.

In 1995, Queen Mary and Westfield merged with the two distinguished medical colleges, St Bartholomew's Hospital Medical College, established in 1843, and the

London Hospital Medical College, England's first medical school, founded in 1785. This merger created [Barts and The London School of Medicine and Dentistry](http://www.smd.qmul.ac.uk) (Link: <http://www.smd.qmul.ac.uk>) and brought medical and dental teaching to Queen Mary for the first time. In 2013, the legal name of Queen Mary and Westfield College, University of London was officially QMUL is a member of the Russell Group of universities.

A purpose-built lecture theatre was constructed at St Bartholomew's Hospital in 1791 and in 1822 the Governors approved the provision of medical education within the Hospital. Later a residential college was established, which moved to premises at Charterhouse Square in the 1930s. At The London, larger premises, still in use in the present School of Medicine and Dentistry, were built in Turner Street in 1854.

Today, this wealth of tradition is combined with some of the most modern medical facilities in the UK, including the largest new hospital in Europe (The Royal London Hospital), the first new dental hospital building in the UK for 40 years, and in the Blizard Building, some of the largest open-plan biomedical research laboratories in Europe.

According to the Research Excellence Framework (REF 2014) Barts and The London School of Medicine and Dentistry is placed within the top seven UK institutions in all three Units of Assessment – Clinical Medicine; Public Health, Health Services and Primary Care; and Allied Health Professions, Dentistry, Nursing and Pharmacy.

Research is focused on translational research, cancer, cardiac, dentistry, global health, inflammation, endocrinology/ metabolism, immunology and infectious diseases, genomics, neuroscience, gastroenterology, epidemiology and primary care.

The School is nationally and internationally recognised for research in these areas, reflected in the £40 million it attracts annually in research income. Its fundamental mission, with its partner NHS Trusts, and other partner organisations, such as CR-UK, is to ensure that the best possible clinical service is underpinned by the very latest developments in scientific and clinical teaching, training and research.

The School is organised into 5 Institutes:

- Barts Cancer Institute,
- Blizard Institute,
- William Harvey Research Institute
- Wolfson Institute for Preventive Medicine.
- Institute of Dentistry

The most Global Health Research is undertaken in the **Blizard Institute**. In particular, it funds a Professor of Tropical Gastroenterology who is based in Lusaka, Zambia. In addition to high quality research in hepatology and gastroenterology (adult and paediatric), it also undertakes work involving clinical PhD fellows in respiratory diseases (adult and paediatric) and in communicable diseases in children across Africa and the Indian subcontinent. A specific strength in these disciplines at QMUL is their coverage from birth to old age. This allows a focus on adolescent medical research. An example of this was the complete reappraisal last year (based on QMUL research) of the “immunotolerant” phase of viral hepatitis, which often coincides with the teenage years.

In the Postgraduate Research Experience Survey of 2015 (PRES 2015), our PGR students reported high levels of satisfaction with regard to their support and training, their professional and researcher development, the research culture they experience, and the quality and involvement of their project supervisors. In all these areas SMD performed significantly above the Russell Group mean. Further analysis of PGR students within clinical medicine (REF2014 unit of assessment 1) showed SMD had an overall satisfaction score 3.2% above the Russell Group mean, 3.3% above the pre-92 group and 4.8% above the London mean. These PRES 2015 outcomes follow comments from the REF 2014 UoA1 panel, which noted that SMD's 'effective and sustainable doctoral research training and evidence of a strong and integrated research student culture' was a particular strength. A breakdown of the survey shows the Blizzard Institute data to be similar to SMD overall.

The School has an excellent supervision and monitoring process in place for our PhD students. It is a robust and effective monitoring system managed centrally by the Graduate School with data controlled online via Queen Mary's MySIS, which includes a supervision module to capture each formal student-supervisor meeting. Whilst useful generally, this tool aids our reporting of Tier 4 students to the UK Border Agency. During their PhD studies the annual progression of each student is monitored through the established arrangements of the SMD. Briefly, at 9 and 18 months students produce interim reports of their progress and future plans, which are considered by two independent assessors in conjunction with reports from the supervisors. At 30 months students produce a short report of the progress of their research and an outline thesis plan and timetable for completion. Students also present at 'Research In Progress' meetings, at which PhD students and junior post-doctoral researchers share their on-going experimental work with researchers from across the Blizzard Institute.

All aspects of PhD students progression is overseen by QMUL's Doctoral College. The Doctoral College enhances the postgraduate research student experience by cultivating a lively and innovative cross- and inter-disciplinary community of researchers. It works in partnership with academic Schools and Institutes, QMUL's Research Council funded Doctoral Training Centres and Doctoral Training Partnerships, Registry, the Student Union, the Centre for Academic and Professional Development and numerous other parts of the College to ensure you enjoy the best possible environment in which to conduct your research. It ensure that the wide range of opportunities and services you will want to draw upon connect up: so helping students make the most of the opportunities available to at QMUL.

In addition, the Doctoral College provides a number of events and activities of its own tailored specifically to PhD students – including a college wide induction for all new students, cohort training days, and an annual Graduate Festival – designed to further develop your research skills, foster conversations and collaborations between our research students and staff, and promote a cohesive and supportive PhD community. Through all of these activities the Doctoral College aims to ensure the highest possible standards of research support and training for all of our PhD students, promoting cutting edge doctoral research and ensuring our students are equipped with the skills they need to become successful independent researchers, whether in academia or beyond, when they leave QMUL.

ST GEORGE'S, UNIVERSITY OF LONDON

St George's, University of London, (SGUL) is the UK's only university dedicated to medical and health sciences education, training and research. Sharing a clinical

environment with St George's University Hospitals NHS Foundation Trust, a major London teaching hospital, enables close clinical-academic co-operation and a particular focus on excellence in translational research.

The University is ranked best in the world for the quality of citations or research influence, according to the Times Higher Education World University Rankings (2015-16). In 2014, the Research Excellence Framework (REF) exercise found that 90% of the University's research impact was deemed to be world leading or internationally excellent, ranking us 4th nationally on the impact ranking table.

In recent years, St George's has reformed its structure to concentrate research expertise in specialist areas in three institutes:

1. The Institute for Infection and Immunity,
2. The Molecular and Clinical Sciences Research Institute
3. The Population Health Research Institute.

In addition, St George's hospital has become an NHS Foundation Trust, recognizing its considerable importance as one of the largest teaching hospitals in the UK. SGUL is a Health Education England preferred provider for postgraduate education in genomic medicine and has a thriving clinical graduate school, as indicated by the high proportion (40%) of research degree students who are clinically qualified.

The Institute of Infection and Immunity

The Institute for Infection and Immunity traces its history back to 1972 when Professor Harold Lambert established a Department of Infectious Diseases, drawing together Infectious Disease clinicians and clinical academic staff. In 1992, Professor George Griffin took over as Head of Department. Over the next 20 years, with Dr Mark Wansbrough-Jones, he developed the Centre for Infection by building the Clinical Infection Unit at St. George's into one of the leading specialist units in the UK and establishing alongside it an integrated scientific research base in the Medical School.

The new Institute was set up with 41 Principal Investigators and their research groups. It is the principal focus for research activity within St. George's, and attracts over half of the University's total research income.

A high proportion of the Principal Investigators have clinical training with most holding honorary clinical contracts, either within St. George's Hospital Trust or elsewhere. Our primary link and translational capacity stems from our collocation and interwoven links with St. George's Hospital Trust, including the Clinical Research Facility and Vaccine Institute for the evaluation of new treatments.

<http://www.sgul.ac.uk/research/infection>

Global Health Research.

The Institute of Infection and Immunity has global health research programmes in tuberculosis and cryptococcal meningitis, from the genomic level to phase III clinical trials in Africa and South America (Jindani, Harrison, Loyse, Bicanic, Butcher); in novel antibody-based therapeutics (Ma, in HIV and Rabies); in vaccination, particularly TB and maternal and vaccination (Reljic, Heath, Paediatric Infectious Diseases Research Group); and in point of care diagnostics and antimicrobial resistance (Krishna, Sadiq, Lindsay, Centre for Diagnostics and Antimicrobial Resistance).

The Population Health Research Institute has programmes in global health in respiratory and cardiovascular medicine, in particular asthma (Strachan); and the

Molecular and Clinical Sciences Research Institute in Materno-fetal Medicine, led by von Dadelszen, with a major Gates Foundation-funded international programme to address the problems of pregnancy hypertension, stillbirth and fetal growth restriction.

<http://www.sgul.ac.uk/research/population-health>

BRIGHTON AND SUSSEX MEDICAL SCHOOL

Global Health is a cross-cutting theme at Brighton & Sussex Medical School (BSMS) which has been highlighted as a key strength for development in our strategic plan. We work in close partnership with our parent universities to develop novel opportunities for teaching and research, the best recent example of which is the MSc in Global Health, currently in its 6th year. Important Global Health issues permeate the undergraduate curriculum and students get plenty of opportunity to develop their interest through student selected components, individual research projects and the clinical elective. BSMS & BSUH have a dynamic NHS Health Link with the Medical School and University Teaching Hospital in Lusaka, Zambia which supports educational activities such as staff and student exchanges.

BSMS has a vibrant Global Health research programme with academic links around the world. Taking a multidisciplinary approach, we work on important health problems including antimicrobial resistance, neglected tropical diseases such as podoconiosis, tuberculosis and non-communicable diseases in low-income settings. BSMS has an active Postgraduate Training Programme and is committed to supporting higher research training in Global Health areas. Our Wellcome Trust Centre for Global Health Research (<https://www.bsms.ac.uk/research/wellcome-trust-brighton-and-sussex-centre-for-global-health-research/index.aspx>) contributes towards improving the health of some of the world's poorest people by equipping high-calibre researchers to undertake excellent research that will impact on important, locally relevant global health problems, particularly in partnership with colleagues in sub-Saharan African countries. In June 2017, BSMS was awarded a NIHR Global Health Research Unit for Neglected Tropical Diseases, consolidating its reputation as a global hub for podoconiosis research and enabling new studies into mycetoma and scabies.

Global Health research activities extend across the School into wide-ranging disciplines including Biomedical Ethics (Professor Farsides, who leads the Medical Ethics and Humanities programme at BSMS, is part of the WT Centre for Global Health Research), Psychiatry and Public Health. Opportunities to collaborate with colleagues from other Schools at both Brighton and Sussex Universities and at the Institute of Development Studies (IDS) are facilitated through a Global Health Network that meets regularly. The 2017 QS University Rankings placed Sussex and IDS first in the world for development studies. We also work in partnership with community organisations and non-governmental organisations working in global health, many of which are based locally.

WELLCOME CLINICAL PHD PROGRAMME INFORMATION

The Wellcome Clinical PhD programme will offer three year PhDs for clinicians. It is expected that the candidates will spend up to two years overseas in a low or middle income country based in well-established research groups.

Led by the London School of Hygiene and Tropical Medicine, the PhD Programme is offered by the partner institutions of the Wellcome Trust – Bloomsbury Centre for Global Health Research in collaboration with Brighton and Sussex Medical School bringing together the expertise of these institutions in global health research.

The focus of the Wellcome Clinical PhD Programme in Global Health Research is on research focussing on the health problems of low and middle income countries.

Successful applicants will develop their potential to become academic clinicians within a structured and mentored training environment. Further information on the Programme is available at: <http://wbc.lshtm.ac.uk/fellows/clinical-phd-programme/>

The Wellcome Trust's PhD Training Fellowships for Clinicians are aimed at supporting the most promising clinicians who wish to undertake rigorous research training and complete a research project in the broad field of Global Health. Support is for three years and includes a clinical salary, research expenses, general training funds and travel costs.

Candidates will be remunerated on a clinical salary equivalent to the basic UK SpR training grade salary starting in September 2021. A range of disciplines and supervisors are available for research in Global health across all six partner institutions

Process after shortlisting:

Candidates shortlisted for the programme will be referred to potential supervisors for discussions on possible research projects, and will work with a supervisor to develop a proposal on their research project for submission to the interview committee.

Potential supervisors cover the following clinical specialties: primary care, mental health, maternal health, public health, paediatrics, infectious diseases, tropical medicine, genito-urinary medicine and ophthalmology; and the following academic disciplines: microbiology, immunology, molecular biology, parasitology, epidemiology, biostatistics, clinical trials, nutrition, social science, health economics, health services research and health policy

Interviews will be held in March 2021 at which short listed candidates will be expected to give a 10-minute presentation on their research proposal. Four candidates will be selected for the programme.

JOB DESCRIPTION

Post: Clinical Research Fellow
(Wellcome Clinical PhD Programme)

Responsible to: PhD supervisor to be assigned

The Clinical Research Fellow will undertake PhD research studies for 3 years as part of the Wellcome Clinical PhD Programme in Global Health Research

The duties will include:

- Preparatory work for the research project, including preparing literature reviews, project proposals and any necessary applications to research ethics committees
- Taking primary responsibility for management of the research project on site, including supervising any field work. At least one and up to two years will be spent on site in a low or middle income country
- If appropriate to the project, performance of laboratory work
- If appropriate to the project, clinical assessment of patients recruited to the study (such as questionnaires, interviews, examinations and sample collection)
- Responsibility for entry, management and statistical analysis of project data
- Completing a PhD thesis based on the research project, in accordance with Institutional PhD regulations
- Preparation of progress reports, scientific reports, conference presentations and publications.
- Responsibility for budgeting and financial aspects of the research project, including project expenditure and accounting in the UK and overseas
- Undertaking other duties associated with the Clinical PhD programme as requested by the PhD supervisor or programme directors.
- Contribution to the Institutional teaching programme as appropriate to the level of experience.
- Adhering to Institutional policy procedures at all times.

PERSON SPECIFICATION

Essential requirements

1. Fully qualified as a medical doctor
2. Eligible for GMC registration
3. Applicants should not have more than 10 years whole time equivalent (WTE) career experience* after full medical qualification at the time of applying, should be currently engaged in a specialist training programme and not yet awarded a CCT or equivalent
4. Eligible to work in the UK and qualify for home or UK level fees
5. Current training in a clinical specialty relevant to health in low or middle income countries
6. Evidence of commitment to research in global health
7. Evidence of commitment to an academic career in a clinical speciality relevant to global health
8. Excellent oral and written communication skills as evidenced by at least two articles published in international peer-reviewed journals
9. Evidence of ability to develop an appropriate PhD project proposal

*This should be calculated taking into account parental, medical and other formally documented leave.

Desirable requirements

10. Clinical work experience in a low or middle income country (as defined by the World Bank)
11. Previous research experience in a relevant field
12. Previous research training in a relevant discipline
13. Experience of working in a multicultural environment

APPOINTMENT

The post is funded by The Wellcome Trust as part of the PhD Programme for Clinicians for a period of 3 years and is available from September 2021.

Appointments will be made to an appropriate point on the national clinical academic salary scales below the level of consultant within the range £34,466 to £60,960 per annum plus £2,162 London allowance if applicable. Placement on the scales (including the 2016 pay system) will be according to current salary and stage of training and transitional pay arrangements.

Annual leave entitlement is dependent on the employing institution's terms and conditions. In addition, staff are entitled to public holidays.

ASYLUM AND IMMIGRATION

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 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 UK Visas and Immigration to enable sponsorship of migrant workers. Therefore we cannot progress applications from candidates who require sponsorship to work in the UK.

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

APPLICATIONS – HOW TO APPLY

Applications should be made online via our website at <http://jobs.lshtm.ac.uk>

Applications should also include:

- **Additional** Clinical PhD Programme application form (Please ensure this is completed and attached to the on line application, the form can be found as an attachment to the front page of the online application)
- CV with the names and email addresses of 2 referees who can be contacted immediately, one of whom should be familiar with your academic work.
- Letter of support from your academic referee.

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.

Online applications will be accepted by the automated system until 10pm on the closing date. Any queries regarding the application process may be addressed to jobs@lshtm.ac.uk.