

Vision

To save lives in resource poor countries through research, education and capacity strengthening

Mission

To reduce the burden of sickness and mortality in disease endemic countries through the delivery of effective interventions which improve human health and are relevant to the poorest communities

Values

- Making a difference to health and wellbeing
- Excellence in innovation, leadership and science
- Achieving and delivering through partnership
- An ethical ethos founded on respect, accountability and honesty
- Creating a great place to work and study

Contact Us

Liverpool School of Tropical Medicine
Pembroke Place
Liverpool L3 5QA
United Kingdom

t: +44 (0)151 705 3100

f: +44 (0)151 705 3370

e: info@lstmed.ac.uk

w: www.lstmed.ac.uk



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An introduction to LSTM



Director's Welcome

Welcome to the Liverpool School of Tropical Medicine (LSTM). Founded in 1898, LSTM was the first institution in the world dedicated to tropical diseases and has led the field in the fight against infectious, debilitating and disabling diseases ever since.

We are involved in research projects and collaborations in over 70 countries to fulfil our mission of improving the health of the world's poorest communities, helping to bring research innovation and scientific breakthroughs from our laboratories to those most in need, a multidisciplinary approach to translational research encompassing all stages of the research cycle.

Our collaborations with governments, industries, health ministries, universities, non-governmental organisations and research institutions have created and sustained a reputation as a centre of scientific excellence resulting in a research portfolio which has grown by more than 200% over the last 10 years representing a total value of well over £210 million.

Our estates continue to expand with investments in new facilities and equipment as well as new talent, increasing staff numbers from 160 in 2001 to 444 by 2015.

LSTM is one of the few postgraduate educational centres in the field of tropical medicine. Over 800 students from around 65 countries undertake learning opportunities ranging from short course professional diplomas to Masters and PhD programmes. Many of our alumni go on to fulfil senior roles in public health and academia.

I do hope that you will enjoy finding out more about who we are and how the work we do helps to save countless lives.



Professor Janet Hemingway CBE
FRS DSc PhD BSc FMedSci FRCP FRES (Hon) FAAM



Highlights

- Ranked 6th place out of 128 assessed research institutions on **impact** in the REF2014
- At the forefront of the study in and control of Neglected Tropical Diseases
- An interdisciplinary approach to understand and tackle the issue of drug and insecticide resistance
- Genetic approaches to examine mosquito biology for the control of malaria and other tropical diseases
- Multi-disciplinary collaborations aimed at both prevention and management of the full spectrum of communicable and non-communicable lung conditions.
- Addressing inequity in the availability and quality of maternal and newborn care
- Special focus on evidence synthesis, health systems development and capacity strengthening

LSTM Hosts

- **Research Centre for Drugs and Diagnostics (RCDD)**
Specialising in novel therapies and diagnostics against a range of pathogens
- **Malaria Transmission Reduction and Elimination Centre (MaTREC)**
Developing and applying innovative approaches to reduce the malaria transmission burden
- **Experimental Human Pneumococcal Carriage Team (EHPC)**
Improving pneumococcal vaccines
- **Alister Reid Venom Research Unit**
Improving the efficacy, safety and affordability of treatment of tropical snakebite victims
- **Filarial Programmes Support Unit (FPSU)**
Supporting activities in 12 countries to reduce the burden of lymphatic filariasis
- **Centre of Maternal and Newborn Health (CMNH)**
Improving global equity in maternal and newborn health in 13 countries
- **Capacity Research Unit (CRU)**
Generating high-quality robust evidence to aid the design and evaluation of capacity-strengthening initiatives
- **Collaboration for Applied Health Research and Delivery (CAHRD)**
Developing solutions to health needs encompassing operational, implementation and health systems research
- Ten international research consortia