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# time to make a difference

Providing Innovative Solutions to Control Malaria



*A wholly owned subsidiary of the Liverpool School of Tropical Medicine*

## For more information

Please contact us directly to discuss your requirements with a member of our malaria team

Picture of mosquito provided by:  
Stammers/TDR/SPL

## Liverpool Associates in Tropical Health

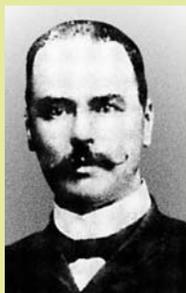
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**Liverpool Associates in Tropical Health (LATH)** is a subsidiary company of the world renowned Liverpool School of Tropical Medicine (LSTM).

LATH was established more than 20 years ago to deliver international technical assistance (TA). We have wide ranging expertise in health systems and disease control, and a solid track record in malaria control including management of the DFID funded malaria resource centre (1995-2004). LATH is an ethical company and our financial surplus is transferred annually to LSTM. LSTM has a distinguished history in malaria – from the discovery of the malaria vector in 1897, to present day development of new drugs, vaccines and insecticides.



**Sir Ronald Ross** became the first British winner of the Nobel prize for medicine when, in 1902, he was recognised for his discovery that malaria is carried by mosquitoes. LSTM's scientists also developed the first drug to treat malaria.

#### **Insecticide Treated Net (ITN) programme review**

LATH were commissioned by DFID to carry out a desk review of DFID funded ITN programmes over the past five years. The final report contained recommendations for DFID country desk officers responsible for malaria control programming decisions.

#### **Progress and challenges**

Malaria mortality is estimated at over 1 million people per year, disproportionately affecting pregnant women, children and the poor in sub-Saharan Africa. It costs African economies an estimated \$12bn/year.



The Millennium Development Goals include a target for malaria and the Abuja Declaration represents a commitment from African Governments to tackle the disease.

#### **Malaria diagnostics capacity development**

As part of the DFID funded PATHS programme in Nigeria, we delivered a series of workshops with senior trainers and supervisors to improve supervision and quality assurance of malaria, TB and anaemia diagnosis at primary level using simple point of care tests.

At a country level there has been renewed emphasis on strengthening malaria control programmes, utilisation of more effective control tools and rapid scale up of key interventions. Yet huge challenges remain in:

- Delivering interventions effectively and efficiently
- Scaling-up interventions and sustaining coverage
- Reaching vulnerable groups
- Demonstrating measurable impact
- Monitoring and managing the development of insecticide and drug resistance

Even with increased resources for tackling malaria, broader health system constraints such as limited human resource capacity, weak planning and competing priorities, are barriers to effective malaria control.

#### **Cost effectiveness of Larval Source Management (LSM) for malaria control**

LATH carried out an evaluation of the potential cost effectiveness of large scale LSM in three African settings. The results were presented at the American Society of Tropical Medicine and Hygiene 2007 Annual Meeting. USAID policy makers will use the results to inform programming decisions for the Presidents Malaria Initiative.



#### **What we offer**

LATH has extensive clinical and technical expertise in strengthening malaria control programmes. We work at all levels of the health system and can provide support and services in the following areas:

- Vector control and personal protection
- Curative and prophylactic treatment
- Laboratory and point of care diagnostics
- Reaching vulnerable groups
- Epidemics and emergencies
- Policy, planning and financing
- Strategy development and review
- Monitoring and evaluation
- Operational research
- Partnership and consensus building
- Malaria control for travellers and employees
- Tailor-made LSTM approved training courses



We are committed to helping countries tackle the major challenges in delivering effective interventions by:

- Ensuring sustainable and integrated capacity development with national partners
- Using evidence based policies and strategies
- Addressing malaria within wider health systems context

We also have considerable experience in human resources for health, health systems strengthening, laboratory systems, maternal and newborn health, and the control of tuberculosis, HIV and the Neglected Tropical Diseases.

#### **Corporate malaria control**

In Nigeria we have worked with Shell and Nigeria Liquid Natural Gas Limited to develop effective malaria control programmes to protect employees, their families and the local community from malaria.

