

Impact Donor Report





"The Liverpool School of Tropical Medicine's research is helping provide the kind of innovative tools we need to eradicate ten Neglected Tropical Diseases by 2020. It was inspiring to visit the school and see their work first hand." Bill Gates, April 2017

Welcome

It is with great pleasure that we introduce LSTM's new donor report, giving us an opportunity to reflect on achievements which have been made possible with the help and support of our donors. This year we received more than £2.1m in philanthropic donations from individuals, corporates and charitable trusts across five different countries.

All gifts to LSTM, no matter how big or small, help to directly support our work, so we would like to say **THANK YOU** for your wonderful generosity. We sincerely hope that you will continue to offer your support and friendship to enable us to continue the fight to break the cycle of poor health and poverty in some of the world's most vulnerable communities.



Professor Janet Hemingway Director, Liverpool School of Tropical Medicine



Make a difference: www.lstmed.ac.uk/ fundraising

Contents

04

LSTM: Born out of Philanthropy

05 Director's Catalyst Fund

06 – 07 Donor Spotlight on: The Oglesby Charitable Trust

08 – 09 Developing Future Leaders

10 – 11 Impact Stories: Making a Difference

12 – 13 World Leading Research

14 – 15 Antimicrobial Resistance: Swab and Send

16 – 17 How Legacies Have Shaped LSTM

18 Looking to the Future

19 Ways to Give

LSTM: **Born out of Philanthropy**

In the 19th Century, Liverpool was a prominent port city trading with overseas regions such as West and Southern Africa. Back home, numbers of sailors admitted to hospital with 'tropical diseases' increased drastically so, in 1898, Sir Alfred Lewis Jones, a local shipping magnate donated £300 annually for three years to establish a dedicated School of Tropical Medicine. His support continued after his death when a gift in his Will supported a purpose-built facility in Pembroke Place. The Liverpool School of Tropical Medicine was born; one of Liverpool's greatest institutions and the first organisation in the world dedicated to research and education in the field of tropical medicine.

Since then, with support from research funders such as Bill and Melinda Gates Foundation, The Wellcome Trust, The Medical Research Council, The Leverhulme Trust and DFiD alongside philanthropic support, we have established ourselves as a postgraduate centre of excellence and a leader in our field.

Research and government funding has supported the achievement of some of the biggest health breakthroughs, but these funders are often too risk-averse to fund some of the truly innovative, rebellious and original ideas which could be the ones to drive real change for the people who need it most. Donations help us to take new approaches to funding. so that those with the best, and perhaps most unconventional, ideas can have the flexibility and freedom to test them.

Beyond research, your donations help LSTM to provide scholarships to the brightest students from low and middleincome countries, Europe and the UK and provide bursaries to students in times of hardship; they fund everything from community engagement programmes to new state-of-the-art buildings which house researchers and their pioneering work.

A full list of donors who made gifts in 2017 can be found on LSTM's website: www.lstmed.ac.uk/ fundraising

凤



Director's Catalyst Fund

LSTM's Director's Catalyst Fund is supported with funding from LSTM's Research Committee, The Wellcome Trust (WT) and philanthropic support from the Lady Yueng Peng McNeice Foundation. It provides seed funding for new, innovative projects developed by early career researchers.

The Farrington **Hopkins Trust**

The Farrington Hopkins Trust has provided support for Dr Jennifer Lord's research project that will explore the geography of disease including environmental and geographical factors that cause global disease outbreaks.



Dr Jennifer Lord

(Post-Doctoral Research Assistant – Vector Biology) Jennifer's project will work towards countering the risk posed by mosquito-borne viruses by establishing why, how and where disease outbreaks occur, looking specifically at when mosquitoes are most infectious. She will use mathematical modelling based on actual laboratory experimentation, reducing sample size and making the process more efficient and cost effective. This will have huge positive implications for global health research.

Dr Simon Jochems

(Post-Doctoral Research Assistant -Respiratory Infections Group)

Simon's award will allow him to look at the immune responses of healthy children who carry the pneumococcus bacteria. Pneumonia is the biggest cause of vaccine-preventable deaths in children under five years old. Simon's work will test and redesign vaccines to prevent pneumonia and therefore could potentially save the lives of millions of children.







Over 18 years, support

enabled 45 students to

study on the Diploma in

Sexual and Reproductive

professionals improving

sexual and reproductive

health services in low

recently, the Trust has

also supported B!RTH,

a theatre project designed to highlight

global inequality in

maternal health, in

which LSTM is a key

with Michael about

his experiences as a

philanthropist and

how he came to be

involved with LSTM:

partner. We spoke

resource settings. More

from the OCT has

Health (DSRH),

providing crucial

training for health

Donor Spotlight on: The Oglesby Charitable Trust

Michael Oglesby CBE is founder of the Bruntwood Group of companies and Chairman of The Oglesby Charitable Trust. Michael has been a keen supporter of LSTM both personally, as a Vice-President, and through The Oglesby Charitable Trust (OCT) for almost two decades.

What motivates you to give to LSTM?

I first visited LSTM 18 years ago and was impressed with the whole ethic, how LSTM operated and its reach. It was clear that LSTM was embedded within the low and middle-income countries in which it worked, playing a very crucial role. My wife and I were interested in the DSRH, particularly in how you brought people from in-country to study at LSTM. We wanted to start sponsoring these students because it was obvious that without outside help, they wouldn't be able to afford to come.

What are you most proud of achieving through your philanthropy and what do you want to achieve going forward?

The one thing we don't do is just sign cheques. As we've gone forward as a Trust, it has been important for us to shape and develop ideas ourselves and get fully involved. B!RTH was slightly different as it was initially our idea and we wanted to get involved with theatre as a way of getting a message over to people that affects them very deeply. We realised early on that we needed a partner that could appropriately advise on the medical issues and that's why we came to LSTM, at first looking for a consultant and then, as the project progressed, as partner.

What might someone be surprised to know about you?

What people might not realise is that we have dinner with the three students that we support each year and, I have to say, that has been a fascinating experience. It becomes increasingly clear how important their studies are in their lives and how they operate in their careers when they return to their countries.

What inspired the first donation you ever made?

When I realised that Bruntwood had a long-term future, my wife and I started to think about what we were going to do with the wealth we had created. One of the decisions we came to was that we were determined to give something back to the community in the long-term and so we formed the Charitable Trust.

What do you love most about what you do?

As I got older, I passed the running of the business onto my son and I realised that the Trust, having started as a small part of my life, became what I wanted to manage for the rest of my life to give back fully with my time, and the time of the team. We've moved from just giving money, even though we did it actively, to doing a lot more of developing ideas ourselves and creating something from scratch. There is so much that needs doing that the Public Sector is unable to do that the voluntary sector can do and I feel very strongly that everyone should give back to the community.

What would you say to someone who was considering on making a donation for the first time?

One of the key things that people need to understand is that 'giving' is not just signing cheques but it's about getting involved yourself; that is where you derive the most satisfaction and impact. I say to people, "Everybody can do something". Even if you're at a stage of life where you don't have any money, everybody has got time and I don't believe that anybody is too busy that they cannot find some time in their life. When you get into that mindset, it's a great thing to do both for yourself and other people. I truly believe that everybody should get involved in some way and, if they did, then the world would be a much better place.



Did you know?

We are a major influencer for change through numerous WHO policies and guidelines including malaria in pregnancy, health systems development and Quality of Care.



BRTH

To join the debate, visit: www.birthdebate.com Every year, an estimated 303,000 women and over 5 million babies die because of complications during pregnancy and childbirth. The vast majority of these deaths occur in low and middle-income countries. Many of them are preventable.

A donation from the Oglesby Charitable Trust has enabled the seed-funding of B!RTH, a project aimed at addressing the inequality in health and healthcare for women across the world. The project is a unique collaboration between the Trust, the Royal Exchange Theatre in Manchester and LSTM. Through a series of provocative plays and dynamic panel discussions, B!RTH aims to raise awareness, provoke debate and influence policy around maternal and newborn health across the world. The B!RTH plays are available for use as a tool for education and debate, and will be the basis of an ambitious international public engagement strategy aimed at driving change for millions of women.

Make a difference: www.lstmed.ac.uk/ fundraising

"

The scholarship from the Oglesby Trust has made a big difference in my life and to advance my medical education. I have gained sufficient confidence in new skills and ideas which am able to develop them in my working environment and with colleagues. I will continue to work in Tanzania, enhancing my knowledge and skills to other health professionals in my country in order to improve the health of the majority."

Joachim Mabula

(Diploma in Sexual and Reproductive Health, graduated 2016), Clinician for Tanga City Council, Tanzania



07

Giri Shan Raiaram

Developing **Future** Leaders

When funding is a major barrier for people whose dream it is to study at LSTM, your donations help to make those dreams a reality.

Kennedy Uadiale

Support for LSTM scholarships has helped to educate and train the next generation of scientists and health professionals, providing life-changing opportunities not only for individuals but for some of the most vulnerable communities across the world.

In 2017, with thanks to cash donations and our philanthropic endowments, we launched the LSTM Merit Scholarships to support the most talented students. The introduction of the higher Merit awards has dramatically increased scholarship uptake from 40% to over 90%, demonstrating the importance of this type of support. Every year more students apply for a scholarship than we are able to support.

Leading up to our 125th anniversary in 2023, our aim is to increase the number of scholarships that we can award to give opportunities to the brightest students, irrespective of their financial circumstances, to study at LSTM. If you are interested in supporting scholarships for students at LSTM, please get in touch by calling Stacey on +44 (0)151 7053778.

"

I was the doctor on call on the night shift, when a small child of about six years was rushed in. He had been involved in a road traffic accident and was bleeding profusely with a severely injured right leg. When I received the results for his blood work, my six-year old patient who was barely hanging on for life, was HIV positive with severe anaemia, probably due to nutritional deficiency. The sad part was his parents who were also retroviral positive were unaware and not on any medications. That day, though scary and confusing, was a defining moment in my career. At that point, I realised that I wanted to improve my knowledge and skills in paediatrics and I applied for a Masters Scholarship at LSTM. My time there has perked my interest in research, which will be useful when I return to practice in Nigeria, especially now that evidence-based medicine is seriously advocated."

Uche Nwaka, (MSc in Tropical Paediatrics, graduated 2017), Recipient of the Thomas Mark Scholarship

"

"

I am a medic working in Borneo with many patients who have tropical diseases. Coming from a middle-income country, it is not always easy to get funding together to attend programmes so I applied for a scholarship and was successful. I am incredibly generous and thankful to LSTM for awarding me a scholarship to study on the DTM&H. LSTM has more than lived up to my expectations and being awarded a scholarship has brought greater meaning to my time here."

Giri Shan Rajaram, (Diploma in Tropical Medicine and Hygiene (DTM&H), graduated 2017), Recipient of an LSTM Merit Scholarship

"

Coming from Nigeria, I have experienced first-hand the pressures faced by struggling health facilities. There is urgent need for more highly trained health professionals, facilities and policies to drive progress forward."

Ashibudike Idebolo, (MSc in International Public Health), Recipient of the Elder Dempster Nigeria and Ghana Independence Trust and Mamco Selab Scholarships

"

One of my colleagues strongly recommended LSTM after completing a three-month training course. My research is focussed on malaria and I hope to establish a molecular research team when I go back to China and use my research to help people in the future. I have gained a lot from my studies at LSTM."

Chen Mengni, (MSc in Molecular Biology of Parasites and Disease Vectors), Recipient of an LSTM Merit Scholarship in 2017

LSTM's reputation in the field of international public health was a considerable influence in my decision to come here to study... when I received the scholarship offer I thought it was a dream and I had to pinch myself."

Kennedy Uadiale, (MSc in International Public Health, graduated 2017), Recipient of the Mamco Selab Scholarship



Did vou know?

Almost half of LSTM alumni are employed in clinical practice, serving as nurses, midwives, and doctors all around the world.



Did you know?

The word most commonly used by our alumni to describe their LSTM experience is 'Inspiring'.



To read more stories from LSTM scholarship recipients, visit www.lstmed.ac.uk/ fundraising

Impact Stories: Making a Difference



Did you know?

We were instrumental in establishing the College of Medicine in Malawi; the first of its kind in the country enabling the training of more than 700 medical doctors across Malawi.

Promoting Lung Health in Africa

The Aldama Foundation has supported LSTM's research into lung health in Africa, the continent most afflicted by disability and death from respiratory disease. The Trust has funded a number of PhDs, and our flagship training programme which focuses on addressing the shortfall in clinical leaders specialising in respiratory medicine research. This programme focuses on building capacity in the health systems to ensure that they are better equipped to deal with the significant burden of pneumonia, TB and other respiratory diseases affecting millions of people, particularly children.

Responding to Global Health Challenges

Unrestricted funds allow us to operate most strategically, providing us with the flexibility and agility to be able to deploy our resources where their impact will be greatest. A number of donors have made unrestricted gifts to LSTM this year, including Mrs Diane Tod, **The Wyndham Charitable Trust**, Revival Books and **Lord Leverhulme's Charitable Trust**.

Improving Care for Mothers and Babies

The James Tudor Foundation is supporting a new Fellowship that has been created through collaboration of LSTM's Centre for Maternal and Newborn Health (CMNH) and the British Maternal and Fetal Medicine Society. The Fellowship will allow a practicing clinician to work alongside CMNH's award-winning team on a specific project focussed on maternal and newborn health in low and middle-income countries.

Galkoff's and the Secret Life of Pembroke Place

For the past three years, LSTM has been working in partnership with the Museum of Liverpool to preserve the iconic legacy of P. Galkoff's kosher butcher's shop located opposite LSTM. Funded by the **Heritage Lottery Fund**, the project will research into the lives, businesses and homes of Pembroke Place to build a better picture of the vibrant community surrounding the area from the 18th century onwards as well as ensure the conservation of rare historic artefacts and architecture for future generations. An exhibition will open at the Museum of Liverpool in Autumn 2018.

f Galkoff's and the secret life of Pembroke Place

FEPOW

Our work with Far East prisoners of war (FEPOW) has spanned seven decades, leading to pioneering treatment of their medical conditions. Support from the **Royal British** Legion, Eleanor Rathbone Trust, P.H Holt Charitable Trust, Heritage Lottery Fund and from individuals has enabled the project to progress. From 2019-2020, to coincide with WWII anniversary activity, an exhibition of FEPOW art will be held at Liverpool's Victoria Gallery and Museum.





4. Children in Uganda

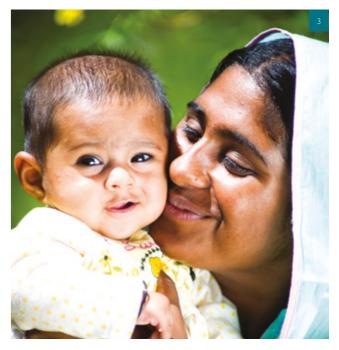
- 5. Dr Stuart Ainsworth, recipient of Catalyst Fund award
- Sketch of a dysentery hut in Chungkai, 1943, by former FEPOW, the late Jack Chalker. A view taken from his bed space







- 1. Three surviving FEPOWs with LSTM's Director, Vice-President and authors of Burma Railway Medicine
- 2. Galkoff's butcher's shop in Pembroke Place
- Mother with baby in Pakistan





World Leading Research

Innovation changes the world. From technology, to training, to treatments, LSTM has been at the forefront of innovation in global health for almost 125 years. Our pioneering work relies on our ability to attract the most brilliant minds and provide an environment in which their ideas thrive.



Did you know?

In 1945, a pledge of £20,000 from John Holt and Company enabled the launch of a new malaria research fund.



Did you know? Our work in snake venom extraction provides a valuable and rare resource to scientists all

over the world.

Make a difference: www.lstmed.ac.uk/ fundraising

Throughout LSTM's history our approach has involved DISCOVERING the causes of disease and how they spread, DEVELOPING new treatments, and DELIVERING simple, practical and appropriate solutions to improve healthcare throughout the world.

Your donations have helped us to support early-career researchers and build research laboratories that have led to major scientific breakthroughs in the discovery of drugs, vaccines and diagnostics. As a result, there has been a reduction in child mortality and great progress in the control of deadly diseases.

Accelerating Solutions for Healthcare

Liverpool has the largest concentration of 'whole picture' focussed public sector R&D expertise in infection in the UK.

The Wolfson Foundation donated £1.1m towards world-class laboratory facilities at the Liverpool Life Sciences Accelerator, a hub for life sciences, enabling clinicians, academics and industry to collaborate in research and innovation to develop their ideas into the very latest life-saving treatments. The building houses a new Clinical Research Unit, supported by **Unilever**, which will enable us to conduct clinical trials with more patients in less time. This will have a significant impact on our work in pneumonia, the largest cause of vaccinepreventable deaths in children under five globally.

Reducing Snakebite-Related Deaths

The Alister Reid Venom Unit at LSTM received funding from the **Sir Halley Stewart Trust** to develop and test a Snakebite Emergency Response System (SERS) programme in Kitui County, Kenya that could reduce snakebite-related death and disability in rural regions of Africa and Asia where tropical snakebite kills 32,000 people annually.

Once bitten, victims require immediate medical treatment, but this is too often unavailable and unaffordable leaving over 90,000 people with devastating and debilitating disfigurement. Effective and rapid first-aid treatment combined with quick transportation to hospital is essential.

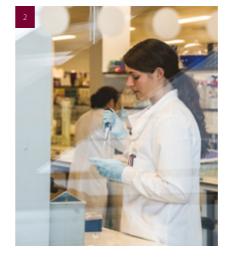
We provide community health volunteers with Android phones equipped with SERS, a smartphone app that enables them to identify snakes, the severity of the symptoms, administer first aid and if needed, deploy specificallydesigned motorcycle ambulances to rapidly and safely transport victims to well-equipped health care facilities. The motorbike ambulance is staffed with a paramedic and equipped with a snake-bite specific first-aid kit, providing rapid medical treatment to even the most remote locations.

LSTM have collaborated with PROSOCIAL to create a giving platform to support the SERS project. To donate to this life-saving intervention please visit https://lstm-sers-snakebite.causevox.com/

"

The Wolfson Foundation has supported LSTM for over half a century. As a funder of excellence in research, the School are natural partners, and we recognise the contribution that has been made through the outstanding research at the School to improvements to health international, and not least the scourge of infectious diseases globally. We have been delighted to help fund the infrastructure supporting the School's research, particularly as activities have significantly expanded over the past decade. Most recently this has been through the Accelerator building project - which exemplifies both the quality of the School's research and the way in which it has been able to foster partnerships."

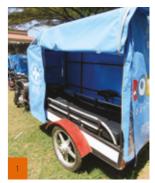
Paul Ramsbottom, Chief Executive, The Wolfson Foundation











- 1. Motorcycle ambulances are used to transport snakebite victims to well-equipped healthcare facilities
- 2. Researchers working in the lab at LSTM
- 3. Researchers working in Uganda



Antimicrobial Resistance: Swab and Send

A donation from **The Uplands Trust** has enabled LSTM to recruit Dr Adam Roberts, whose research into antimicrobial resistance (AMR), new drugs and diagnostics, could provide breakthroughs in one of the biggest threats to modern medicine today.



Dr Adam Roberts



To get involved visit: www.lstmed.ac.uk/ public-engagement Swab and Send

An unknown microbe isolated from the bottom of a mug



Fundraising is integral to Adam's research and, as a champion of public engagement in science, he is successfully crowd-funding his citizen science 'Swab and Send'initiative, which enables members of the public to participate in the hunt for new antibiotics. Since moving to LSTM, the Swab and Send Project has received over 100 swabs from locations as diverse as school classrooms, people's garages, mobile phones and slate mines. Using the swabs, school children and adults have explored their environment for sites which could harbour antibiotic-producing bacteria and fungi. Excitingly, four swabs sent back to Dr Roberts have contained bacteria which have anti-fungal properties, these bacteria will be explored further by him and his team.

Swab and Send sites:













School children swab the hull of boat looking for new antimicrobial agents











Did you know?

The Swab and Send Project has received over 100 swabs from locations as diverse as school classrooms, people's garages, mobile phones and slate mines.

How Legacies Have Shaped LSTM

LSTM is one of Liverpool's great institutions and we have benefited from generous gifts of all sizes made in the Wills of people who have had a close relationship with us in their lifetime or, who have simply heard about our reputation for saving lives in some of the world's poorest countries.



Remembering us in vour Will is a simple gesture that makes a huge impact on our research and work in saving lives.

凰

If you are thinking about leaving a legacy to LSTM, please visit www.lstmed.ac.uk/ fundraising or call +44 (0)151 7053778

1915

LSTM's first building opened thanks to a substantial gift in the Will of LSTM's founder Alfred Lewis Jones.

> 1922 Funds from the Lewis Jones estate establishes LSTM's first overseas research laboratory

Q

in Freetown, Sierra Leone.

986

Sisters Gwendolyn and Jean Clayton leave gifts in their Wills to create the Gwendolyn Clayton **Scholarship Fund** supporting students from developing countries. The Jean Clayton Fellowship Fund was also established in 1986 to help LSTM staff to travel overseas in support of their research.

> The late Mr Norman Tottey leaves a gift of

1998

£58,800 in his

Will to LSTM.



A £25,000 gift left by the late **Miss EJ Dempster** supports an Environmental Information System for forecasting and prediction of childhood diseases in West Africa and the late Miss Mav **Bellis leaves an** unrestricted gift of £30,759 to LSTM.

2002

The late **George Robert** Sanderson leaves a gift to LSTM in his Wil for £11,380.



A £500 gift left by the late Professor John Duncan Hay supports LSTM's department of paediatrics.

The late Mary Catherine O'Malley and the late Edward William Jones leaves gifts to LSTM in their Will totalling £7,047.

2003



Did vou know?

During the First World War, LSTM's building in Pembroke Place was used as a hospital for returning service personnel.

2005

Legacies left by the late-Mary Louisa Nutt and the late-Mr William Thomas helped to complete the construction and fit-out of the Centre for **Tropical and** Infectious Diseases (CTID), a world-class research facility at the forefront of research into the control and elimination of diseases that affect millions of people worldwide.

2006 -2008

Knowing the importance of the work carried out by LSTM, a number of ex-FEPOW made gifts in their Wills that has enabled LSTM researchers to continue this research and benefit future generations.



A donation from the Uplands Trust in memory of the late Anne and **Hugh Johnson** provided the support necessary to attract high calibre researchers such as Dr Adam Roberts to LSTM.



Looking to the Future

In September 2017, we launched our ambitious new fundraising strategy that will see a transformational approach to how LSTM continues to innovate in the field of tropical medicine and global health in Liverpool and across the world. Historic and recent support from donors, like you, has got us to a point where we have achieved so many amazing things; from providing the best research facilities to training midwives and educating doctors.

Your continued support is key to helping us achieving this ambitious strategy and in helping us to develop the next generation of leaders equipped to tackle the enormity of the global health challenges that face us now and in the future.

If you would like further information about how you can become more involved with LSTM's future fundraising activity, please get in touch by calling Stacey on +44 (0)1517053778.

With special thanks to all our donors and supporters, past and present.

If you are a donor, friend or one of our alumni with an inspirational story to share, please get in touch. We would love to hear from you.





Ways to Give

Ways to Give

Did you know... you can now support LSTM by making a regular or one-off online donation through our fundraising pages? It is quick, easy and secure, and donors can choose where to direct their donations.

Living in the US?

Donors in the US can now support LSTM taxeffectively by donating through the British Schools and Universities Foundation (BSUF). BSUF is a non-profit 501c3 foundation which provides grants to partner educational, scientific and literary organisations. Donors can give to LSTM by making a gift to the BSUF and expressing their wishes to support the Liverpool School of Tropical Medicine. 100% of donations go to fund the recipient organisations.





www.lstmed.ac.uk/ fundraising



@LSTMnews

f @LSTM

Fundraising Team Liverpool School of Tropical Medicine Pembroke Place Liverpool L3 5QA

T: +44 (0)151 7053778 E: fundraising@lstmed.ac.uk

Registered charity 222655 Company number 83405 VAT number 887125885

