



# Research in progress

Tuesday 5 December 2017  
Conway Hall, London

- 08:30 **Morning refreshments and setting up of posters**
- 09:10 **Welcome and opening remarks**  
**Professor Sarah Rowland-Jones, RSTMH Vice-President**
- Session 1**  
**Chair: Professor Sarah Rowland-Jones, RSTMH Vice-President**
- 09:15 Estimating individual risk for exposure to urogenital schistosomiasis: comparing water contact patterns of mothers and young children at Barombi Kotto, Cameroon  
**Miss Grace Macklin, Liverpool School of Tropical Medicine**
- 09:30 Soil-transmitted Helminth Infection in the Bijagos Islands, Guinea Bissau: prevalence, risk factors and health consequences  
**Ms Olivia Farrant, London School of Hygiene and Tropical Medicine**
- 09:45 The social, physical and economic impact of lymphatic filariasis: a matched cross-sectional study in rural Nigeria.  
**Mr Obi Eneanya, Imperial College London**
- 10:00 Predictive mapping of the cutaneous leishmaniasis vector (*Phlebotomus papatasi*) in Jordan using spatial multi-criteria decision analysis  
**Ms Emi Takahashi, Royal Veterinary College**
- 10:15 Determining risk factors for leprosy development amongst household contacts of patients with leprosy  
**Miss Emily Quilter, London School of Hygiene and Tropical Medicine**
- 10:30 Drug resistance in Mycobacterium Tuberculosis-a changing paradigm: a study from a tertiary care hospital in South India  
**Dr Harisree S, St John's Medical College**
- 10:45 Alternative strategies for the control and elimination of onchocerciasis: combining test-and-treat with doxycycline and vector control in Loa loa endemic South West Cameroon  
**Dr Louise Hamill, Liverpool School of Tropical Medicine**
- 11:00 **Morning refreshments**
- Session 2**  
**Chair: Dr Rohini Manual, RSTMH Meeting and Events Committee**
- 11:20 Low-cost device, a modified blood pressure cuff, for measuring intravenous fluid responsiveness  
**Mr Sembo Di Bakambo, Liverpool School of Tropical Medicine**
- 11:35 Terminal Illness in Tanzanian traditional medicine  
**Miss Naomi Higton, Newcastle University**
- 11:50 Evaluating the sensitivity and specificity of the B-FIT, a frailty screening tool for use in Tanzania  
**Miss Louise Whitton, Newcastle University**
- 12:05 Effect of geographic access to healthcare on severe acute malnutrition outcomes in Blantyre, Malawi: a GIS spatial analysis  
**Mr Kevin Tang, London School of Hygiene and Tropical Medicine**



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- 12:20 Factors relating to the efficacy of artemisinin-based and quinine-based treatments for uncomplicated falciparum malaria in pregnancy in Asia: a systematic review and individual patient data meta-analysis  
**Mr Makoto Saito**, *University of Oxford*
- 12:35 Evaluating *Anopheles gambiae* responses to novel bed net treatments in a bench-top wind tunnel  
**Mr Jay Hutchison**, *Liverpool School of Tropical Medicine*
- 12:50 **Lunch, poster presentations and mentoring sessions**
- Session 3**  
**Chair: Mr Ian Boulton**, *RSTMH Meetings and Events Committee*
- 13:50 **Keynote presentation by Dr Azra Ghani, Chair in Infectious Disease Epidemiology at Imperial College London and RSTMH Chalmers Medal winner 2017**
- 14:50 A prognostic model for development of sepsis during admission among patients with severe malaria in Southeast Asia  
**Dr Tsi Njim**, *University of Oxford*
- 15:05 Investigating the impact of insecticide resistance intensity on the ability of *Anopheles* mosquitoes to transmit malaria in Guinea  
**Miss Marcella Vaselli**, *London School of Hygiene and Tropical Medicine*
- 15:20 **Afternoon refreshments**
- Session 4**  
**Chair: Dr Judy MacArthur Clark**, *Chair of the RSTMH Meetings and Events Committee*
- 15:40 Epilepsy: an important clinical manifestation of onchocerciasis  
**Ms An Hotterbeekx**, *Global Health Institute, Antwerp*
- 15:55 Evaluating alternative diagnostic strategies for Ebola virus disease in the Sierra Leonean epidemic, 2013-16: a modelling study  
**Dr Sharif Ismail**, *Imperial College London*
- 16:10 Non-invasive clinical samples to improve detection of Japanese Encephalitis Virus (JEV) – a pilot study in Lao PDR evaluating the utility of testing urine and throat samples for JEV Ribonucleic acid (RNA) by reverse-transcription Polymerase chain reaction (RT-PCR)  
**Dr Tehmina Bharucha**, *University College London*
- 16:25 Index Linked HIV testing for children and adolescents in Zimbabwe: lessons from formative work for the B-GAP Project  
**Miss Chido Dziva Chikwari**, *London School of Hygiene and Tropical Medicine*
- 16:40 Modernising outbreak investigation for emerging infections: an integrated phylogenetic and epidemiological approach  
**Dr Cordelia Coltart**, *University College London*
- 16:55 Prize-giving and closing comments by Dr Judy MacArthur Clark
- 17:05 Close



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## Parallel poster sessions

- P.01 Preventing malaria in the Peruvian Amazon: a qualitative study in Iquitos, Peru  
**Mr Ian Newell**, *University of Birmingham College of Medical and Dental Sciences*
- P.02 Mechanisms of resistance to transfluthrin in mosquitoes  
**Mr Sanjay Nagi**, *Liverpool School of Tropical Medicine*
- P.03 Assessing the range and scope of alternative post-mass drug administration surveillance systems for lymphatic filariasis elimination  
**Mr Xavier Badia Rius**, *Liverpool School of Tropical Medicine*
- P.04 Wormy people – understanding the molecular mechanisms behind heavy *Ascaris* infection  
**Ms Gwendoline Deslyper**, *Trinity College Dublin*
- P.05 Sustainability through social proximity: a critical ethnography of Human African Trypanosomiasis control interventions in northern Uganda  
**Miss Shona Jane Lee**, *University of Edinburgh*
- P.06 Multiparasitic infection of man in rural and peri-urban areas of Akinyele LGA, Oyo State, Nigeria  
**Mr Moses Ikpeme**, *University of Bristol*
- P.07 Herpesvirus co-infections in HIV-associated Cryptococcal Meningitis  
**Dr James Hepburn**, *London School of Hygiene and Tropical Medicine*
- P.08 Role of TRIM5/22 genotype on disease outcomes in HIV-1 infected children and adolescents  
**Dr Michael Boswel**, *University of Oxford*
- P.09 Prevalence and barriers of art adherence among adolescent HIV patients attending CTC at Bombo Hospital in Tanga Municipal  
**Miss Mary Msumari**, *Kilimanjaro Christian Medical College*
- P.10 Tuberculosis prevalence survey reveals high proportion of undiagnosed disease in peri-urban shantytowns of Peru, points to gaps in case detection, and demonstrates association between smoking and failed diagnosis  
**Dr Trent Herdman**, *Innovación Por la Salud Y Desarrollo (IPSYD), Peru*
- P.11 A collaborative framework for developing international biological reference materials for WHO R&D blueprint priority pathogens  
**Dr Tommy Rampling**, *University College London*
- P.12 Factors influencing neonatal care, breastfeeding, and infant nutrition in rural South-West Uganda  
**Ms Emma Garry**, *Leeds Institute of Health Sciences*
- P.13 Identifying the factors influencing women's attendance at postnatal care in the Mbeya region of Tanzania  
**Miss Maya Connolly**, *Liverpool School of Tropical Medicine*
- P.14 Conflicting Policies: The Case of Abortion and Sex-selective Abortions in India  
**Ms Shilpa Maiya**, *London School of Hygiene and Tropical Medicine*



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- P.15 What are healthcare provider's knowledge, attitudes and perceptions of screening psychological ill health during and after pregnancy in Ghana?  
**Miss Abigail Brown**, *Liverpool School of Tropical Medicine*
- P.16 Determinants of access to education and the psychosocial impact on asylum-seeking mothers living in initial accommodation centres in Liverpool  
**Miss Emma Sayers**, *Liverpool School of Tropical Medicine*
- P.17 Identifying Barriers to Patient-Centred Childbirth: A Qualitative Study Exploring the Views and Experiences of Doctors and Nurses Working in a Highly Specialised Obstetric Care Unit at a 4th Level Hospital in Bogotá, Colombia  
**Mr James Goodworth**, *Brighton and Sussex Medical School*
- P.18 Particulate air pollution and mental health outcomes: systematic review and meta-analysis  
**Dr Isobel Braithwaite**, *University College London*
- P.19 The effect of nutritional rehabilitation on head circumference for children with severe acute malnutrition  
**Dr Joseph Piper**, *Queen Mary University*
- P.20 The management of Moderate Acute Malnutrition (MAM): a systematic review and meta-analysis  
**Miss Imara Gluning**, *London School of Hygiene and Tropical Medicine*
- P.21 A Rapid Health Needs Assessment of Individuals Living in the Buvuma Islands District of Uganda  
**Ms Victoria Francois**, *Brighton and Sussex Medical School*
- P.22 The Effect of Mass Drug Administration with Azithromycin on Active Trachoma, and Risk Factors for Failure: A Literature Review and Meta-analysis  
**Mr Rowan Vincent**, *London School of Hygiene and Tropical Medicine*

