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 Manuel, 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 Highton, 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
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, Spatial strategies for malaria eradication
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

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
### 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 | 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.10 | A collaborative framework for developing international biological reference materials for WHO R&D blueprint priority pathogens  
Dr Tommy Rampling, University College London |
| P.11 | Factors influencing neonatal care, breastfeeding, and infant nutrition in rural South-West Uganda  
Ms Emma Garry, Leeds Institute of Health Sciences |
| P.12 | 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.13 | Conflicting Policies: The Case of Abortion and Sex-selective Abortions in India  
Ms Shilpa Maiya, London School of Hygiene and Tropical Medicine |
| P.14 | 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.15 | 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 |
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

Measuring the Fitness of Ugandan Children Living at High & Low Altitudes in Schistosoma mansoni-endemic Regions
Miss Courtney Smith, London School of Hygiene and Tropical Medicine

Particulate air pollution and mental health outcomes: systematic review and meta-analysis
Dr Isobel Braithwaite, University College London

The effect of nutritional rehabilitation on head circumference for children with severe acute malnutrition
Dr Joseph Piper, Queen Mary University

The management of Moderate Acute Malnutrition (MAM): a systematic review and meta-analysis
Miss Imara Gluning, London School of Hygiene and Tropical Medicine

Infectious Disease Risks Associated with Land Use: A Systematic Review and Meta-Analysis
Mr Hiral Shah, Imperial College London

A Rapid Health Needs Assessment of Individuals Living in the Buvuma Islands District of Uganda
Ms Victoria Francois, Brighton and Sussex Medical School