



RTI At ASTMH 2019



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THURSDAY, NOVEMBER 21

SYMPOSIUM | SESSION 7

<p>8:00–9:45 AM</p>	<p>The Relative Importance of Migrant and Mobile Populations in Malaria Elimination Settings: A Challenge for Surveillance Systems and Intervention Targeting</p> <p>Richard Reithinger and Myaing Myaing Nyunt</p> <ul style="list-style-type: none"> • The Relative Importance of MMPs in the Context of Malaria Elimination in Thailand – Prayuth Sudathip, Bureau of Vector-Borne Diseases, Thailand Ministry of Public Health • The Role of Travel in the Context of Malaria Elimination in Zanzibar – Abdullah Ali, Zanzibar Malaria Elimination Programme • The Impact of MMP Flows on Regional Malaria Elimination Efforts in the Americas – Marcos Espinal, Pan American Health Organization • Human Rights, Gender and Ethics Considerations When Targeting Malaria Interventions to MMPs – Joanna Csete, Columbia University 	<p>Potomac B (Ballroom Level)</p>
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SESSION 26 | POSTER SESSION A | PRESENTATIONS AND LIGHT LUNCH

<p>12:00–1:45 PM</p>	<p>Poster 331 Rapid Characterization of Urban Malaria Transmission – Conakry, Guinea</p> <p>Dean M. Sayre, Alioune Camara, Yaya Barry, Toure B. Deen, Denka Camara, Mohamed Dioubate, Ibrahima Camara, Kalil Keita, Nouman Diakite, Youssoufa Lo, Ibrahima Bah, Hadja F. Camara, Mohamed S. Conde, Aissata Fofana, Abdoulaye Sarr, Eugene K. Lama, Seth Irish, Mateusz Plucinski</p> <p>Poster 396 Quantifying Seasonal Variation in Insecticide-Treated Net Use Behavior</p> <p>Hannah Koenker, Cameron Taylor, Julie Thwing, Clara Burgert-Brucker, Tom Fish, Albert Kilian</p> <p>Poster 409 Malaria Surveillance in Tanzania Electronic Integrated Disease Surveillance and Response (eIDSR) System Completeness and Timelines in Areas of Very Low Transmission</p> <p>Joseph Joachim Joseph, Ssanyu Nyinondi, Shabbir Lalji, Abdul-Wahid Al-Mafazy, Humphrey Mkali, Ally Mohamed, Renata Mandike, Frank Chacky, Anna Mahendeka, Chonge Kitojo, Naomi Kaspar, George Greer, Erik Reaves, Jeremiah Ngondi, Claud John, Richard Reithinger</p> <p>Poster 414 Integrated Drug Efficacy Surveillance of Uncomplicated <i>P. falciparum</i> and <i>P. vivax</i> Malaria in Thailand, 2013–2018</p> <p>Prayuth Sudathip, Julien Zwang, Rungrawee Tipmontree, Suravadee Kitchakarn, Thannikar Thongrad, Felicity Young, Richard Reithinger, Jui A. Shah, Pascal Ringwald, David Sintasath, Aungkana Saejeng, Preecha Prempree, Darin Areechokchai, Jersuda Kajanasuwan, Cheewanan Lertpiriyasuwat</p>	<p>Prince George's Exhibit Hall D (Lower Atrium Level)</p>
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SESSION 26 | POSTER SESSION A | PRESENTATIONS AND LIGHT LUNCH (CONTINUED)

12:00–1:45 PM

Poster 450 | Characterizing the Molecular and Metabolic Mechanisms of Insecticide Resistance in *Anopheles Gambiaes*.1. in Faranah, Guinea

Caleb J. Stica, Claire L. Jeffries, Seth R. Irish, Yaya Barry, Denka Camara, **Ismael Yansane**, Mojca Kristan, Thomas Walker, Louisa A. Messenger

Prince George's Exhibit Hall D
(Lower Atrium Level)

Poster 537 | Global Epidemiology of Strongyloidiasis: Filling the Knowledge Gap

Donal Bisanzio, Dora Buonfrate, Antonio Montresor, **Michael French**, **Richard Reithinger**, Giovanni Giorli, Zeno Bisoffi

Poster 549 | The Impact of Adjusted Mobile Treatment Posts Strategy on Mass Drug Administration Coverage in an Urban Setting. Case Study of Dar es Salaam, Tanzania

Alistidia Simon, Cecilia Uisso, **Upendo Mwingira**, **Jeremiah Ngondi**, Hailey Mableson, Andreas Nshala

SESSION 41 | FILARIASIS | EPIDEMIOLOGY AND CONTROL II

3:15–3:30 PM

652 | Persistent Lymphatic Filariasis Transmission in Hotspot Coastal Communities Despite 10 or More Rounds of Ivermectin + Albendazole Mass Drug Administration. How Can Programs Accelerate Elimination Towards the 2020 Target?

Andreas Nshala, Abdel N. Direny, Kerry Dobies, Nancy Stroupe, **Katie Crowley**, **Upendo J. Mwingira**

National Harbor 11
(National Harbor Level)

FRIDAY, NOVEMBER 22

SYMPOSIUM | SESSION 59

8:00–9:45 AM

A Cross-Disease, Multi-Disciplinary Assessment of Surveillance Systems for Neglected Tropical Diseases After Elimination Has Been Achieved: From Laboratory Diagnostics to Systems Approaches

Jeremiah Ngondi and Aryc W. Mosher

- Optimizing Diagnostics for Neglected Tropical Diseases Surveillance After Attainment of Elimination – Katie Gass, Task Force for Global Health
- Systems Thinking: A Conceptual Framework for Early Early Detection and Measuring Recrudescence of Trachoma – Aryc W. Mosher, USAID
- Assessment of a Long Running School and Health Facility-Based Surveillance Model for Trachoma in the Sultanate of Oman – Saleh Al-Harbi, Ministry of Health, Muscat, Oman
- One Size Does Not Fit All: Systems, Successes, Challenges and Lessons Learned from Global Guinea Worm Eradication Surveillance – Adam Weiss, The Carter Center

Potomac D (Ballroom Level)

10:15 AM–12:00 PM

Surveillance for Lymphatic Filariasis After Validation of Elimination: Country Strategies in the Absence of Formal Guidelines and Recommendations for the Future

Rachel Bronzan and **Molly Brady** (Co-Chair)

- Post-Validation Surveillance for LF in Togo – past Successes and Future Plans – Ameyo M. Dorkenoo, Ministry of Health and Social Protection, Togo
- Epidemiological and Entomological Approaches to Post-MDA Surveillance for LF in Ghana – Benjamin Marfo, Ghana Health Services
- From the Ground Up: How Post-MDA Surveillance Methodologies At Provincial Level in the Philippines Can Influence Post-Validation Strategies – Leda Hernandez, Philippines Department of Health
- Current WHO Guidance on LF Surveillance and Priorities Post-2020 – Jonathan King, WHO

National Harbor 11
(National Harbor Level)

12:00–1:45 PM

Poster 735 | Measuring the ‘Know-Can Gap’: Difference in Knowledge and Skills for Assessing Childhood Diarrhea and Pneumonia Among Public and Private Frontline Workers in Uttar Pradesh, India

Lopamudra Ray Saraswati, Ashutosh Mishra, Prince Bhandari, Animesh Rai, Amrish Chandan

Prince George’s Exhibit Hall D
(Lower Atrium Level)

Poster 795 | The Use of Spatial Video Geonarratives to Describe Localized Environmental Risk Patterns for Arboviral Transmission in Urban Kenya

Amy R. Krystosik, Andrew Curtis, Paul Mutuku, Sandra Bempah, Jayakrishnan Ajayakumar, Lorriane Odhiambo, **Donal Bisanzio**, Jenna Forsyth, Luti Mwashee, Beja Adamz, Francis Mutuku, A. Desiree LaBeaud

Poster 1044 | Malaria Surveillance in Zanzibar Patterns of Case Notification and Investigation in Line With WHO’s 1-3-7 Days Approach

Shabbir Lalji, **Humphrey Mkali**, **Abdul-Wahid Al-Mafazy**, **Ssanyu Nyinondi**, **Joseph Joseph**, **Mike McKay**, Abdallah Ali, Wahida Hassan, Mohamed Kitwasi, Chonge Kitojo, Naomi Kaspar, George Greer, Eric Reaves, **Richard Reithinger**, **Jeremiah Ngondi**

Poster 1135 | Application of TaqMan Array Card in the Project to Understand and Research Preterm Pregnancy Outcomes and Stillbirths in South Asia (PURPOSE)

Jean Kim, Anna Aceituno, **Elizabeth McClure**, Robert Goldenberg, PURPOSE Study Investigators

Poster 1205 | National Mapping of Soil-Transmitted Helminthiasis and Schistosomiasis in Ethiopia

Gemechu Tadesse Leta, Kalkidan Mekete, Yonas Wuletaw, Abeba Gebretsadik, Heven Sime, Sindew Mekasha, Adugna Woyessa, Oummer Shafi, **Michael French**, Jozef Vercauysse, Bruno Levecke, Jack Grimes, Lasely Drake, Iain Gardiner, Wendy Harisson, Alan Fenwick

Poster 1221 | Decision Making for Mass Drug Administration for Schistosomiasis After Impact Surveys in Senegal, 2016–2018

Boubacar Diop, Fatou Ndiaye Badiane, Amadou Doucoure, **Mawo Fall**, Daniel Albert Cohn, Achille Kabore

SESSION 77 | POSTER SESSION B | PRESENTATIONS AND LIGHT LUNCH (CONT.)

12:00–1:45 PM

Poster LB-5248 | Does Infection and Antibody Data Add Evidence to the Understanding of Trachoma Prevalence in Low Endemic Areas?

Mabula Kasubi, George Kabona, James Kalabashanga, Harran Mkocho, **Mike French**, **Upendo Mwingira**, Sarah Gwyn, Diana Martin, Sheila West, **Jeremiah Ngondi**

Prince George's Exhibit Hall D
(Lower Atrium Level)

SESSION 104 | ECTOPARASITE-BORNE DISEASE

5:30–5:45 PM

1318 | Predicting the Expansion of Lyme Disease to Identify Gaps in Case Reporting in Northeastern U.S.

Donal Bisanzio, Maria P. Fernandez, Elisa Martello, **Richard Reithinger**, Maria Diuk-Wasser

National Harbor 11
(National Harbor Level)

SESSION 96 | INTEGRATED CONTROL MEASURES FOR NEGLECTED TROPICAL DISEASES

4:00–4:15 PM

1284 | Multi-Country Analysis of Reported and Surveyed Coverage from 222 Mass Drug Administrations in 15 Countries to Facilitate Decision-Making in Neglected Tropical Disease Programs

Kathryn L. Zoerhoff, Pamela S. Mbabazi, Katherine Gass, John Kraemer, Brian Fuller, Lynsey Blair, Roland Bougma, Aboulaye Meité, Nebiyu Negussu, Bizuayehu Gashaw, Scott Nash, Nana-Kwadwo Biritwum, Jean Frantz Lemoine, Helena U. Pangaribuan, Eksi Wijayanti, Karsor Kollie, Clara F. Rasoamananjaha, Lazarus Juziwelo, John Chiphwanya, Pradip Rimal, Issa Gnanadou, Bocar Diop, Ameyo M. Dorkenoo, Rachel Bronzan, Edridah M. Tukahebwa, Fatima Kabole, Violetta Yevstigneyeva, **Lauren Courtney**, Joseph Koroma, Egide Ndayishimye, **Richard Reithinger**, **Margaret Baker**, Fiona Fleming

Maryland D (Ballroom Level)

SATURDAY, NOVEMBER 23

SESSION 121 | MALARIA | EVIDENCE FOR MALARIA ELIMINATION

11:30–11:45 AM

1359 | A Foci Cohort Analysis to Assess Malaria Elimination in Thailand

Prayuth Sudathip, Julien Zwang, Rungrawee Tipmontree, Suravadee Kitchakarn, Thannikar Thongrad, **Felicity Young**, **Richard Reithinger**, **Jui A. Shah**, David Sintasath, Preecha Prempre, Darin Areechokchai, Jersuda Kajanasuwan, Cheewanan Lertpiriyasuwat

Maryland B (Ballroom Level)

SYMPOSIUM | SESSION 124

10:15–12:00 PM

The Challenges of Implementing NTD Assessments in Conflict Areas and Fragile States

Scott McPherson and Achille Kabore (Co-Chair)

- When the Window of Safety Closes: Using Lessons from Trachoma Mapping to Better Plan for Trachoma Impact Surveys in Conflict Areas in DRC – Jeremiah M. Ngondi, RTI International
- When Clusters Don't Meet Muster: Insecurity, Inaccessibility and Assessment Methodology During Ethiopia Pre-TAS – Heven Sime, Ethiopia Public Health Institute
- Challenges in the Implementation of NTD Baseline and Impact Surveys in Conflict and Insecure Districts in the North and Western Provinces of Cameroon – Ebene Clarisse, Ministry of Health, Cameroon
- Implementing TAS in Fragile and Security Compromised Districts in the North of Mali – Benoit Dembele, Helen Keller International

Potomac B (Ballroom Level)

RTI Researchers are noted in **bold**

■ Neglected Tropical Diseases

■ Malaria

■ Maternal and Child Health

■ Arboviral Disease

■ Lyme Disease

12:00–1:45 PM

Poster 1390 | Expanding Global Partnerships to Strengthen Pathology-Based Mortality Surveillance

Tia R. Paganelli, Norman J. Goco, Lindsay M. Parberg, Elizabeth M. McClure

Poster 1396 | Impact of a Facility-Based Intervention on Providers' Case-Management Skills Related to Childhood Diarrhea: Learning from a Quasi-Experimental Study Conducted in Uttar Pradesh, India

Lopamudra Ray Saraswati, Prince Bhandari, Animesh Rai, Ambrish Chandan, Ashutosh Mishra

Poster 1449 | Environmental and Demographic Risk Factors for *Aedes aegypti* Vector Persistence in Urban and Rural KenyaSindiso Nyathi, Harun N. Ngugi, Amy Krystosik, Bryson Ndenga, **Donal Bisanzio**, Uriel Kitron, Erin Mordecai, Desiree LaBeaud, Francis Mutuku**Poster 1609 | Prevalence of Malaria in Early Pregnancy Among Nulliparous Women in the Democratic Republic of the Congo, Kenya, Zambia and Pakistan**Sequoia I. Leuba, Melissa Bauserman, Carl L. Bose, Antoinette K. Tshetu, Waldemar A. Carlo, Musaku Mwenechanya, Edward A. Liechty, Fabian Esamai, Robert L. Goldenberg, Saleem Jessani, **Elizabeth M. McClure**, **Jennifer J. Hemingway-Foday**, Steven Meshnick**Poster 1665 - The Economic Impact of Substandard and Falsified Antimalarial Medications in Nigeria**Sarah Laing, Sarah Beargie, Colleen Higgins, Daniel Evans, **Daniel Erim**, Sachiko Ozawa**Poster 1769 | How to Determine Where to Survey for Trachoma: Lessons Learned from the Democratic Republic of Congo****Bonaventure Ngoyi**, Pitchouna A. Uvon, Janvier N. Kilangalanga, Felix Makangila, **Katie Crowley**, **Raymond Stewart**, **Jeremiah M. Ngondi****Poster 1770 | Validating and Costing a Trachomatous Trichiasis "Super Survey"****Rebecca Mann Flueckiger**, **Rachel Stelmach**, George Kabona, Alistidia Simon, **Upendo Mwingira**, **Jeremiah Ngondi****Poster 1772 | Trachomatous Trichiasis Management in Tanzania: Investigation of the Productivity of Case Finding and Referral of Patients to Surgery Services**George Kabona, **Jeremiah Ngondi**, Alistidia Simon, **Upendo Mwingira**, **Rebecca Flueckiger****Poster 1775 | Trachoma Elimination in Cameroon: Results from a Baseline Mapping of a Refugee Camp in Minawao**Emillienne Epée, Bella Assumpta, Georges Nko'Ayissi, Mahamat Fane, Julie Akame, Patrick Mbia, Carine Fokam, Steven D. Reid, Yaobi Zhang, **Jean Jacques Tougué**, Ismael TetaPrince George's Exhibit Hall D
(Lower Atrium Level)

SESSION 131 | POSTER SESSION C | PRESENTATIONS AND LIGHT LUNCH (CONTINUED)

12:00–1:45 PM

Poster 1776 | Trachoma Prevalence in Refugee Camps in the East Region of Cameroon

Assumpta Bella, Sidi Coulibaly, Georges Nko'Ayissi, Bidjang Mathurin, Julie Akame, Carine Fokam, Patrick Mbia, Ismael Teta, Yaobi Zhang, **Jean Jacques Tougué**, Steven D. Reid

Prince George's Exhibit Hall D
(Lower Atrium Level)

Poster 1781 | TT Case Finders and Their Impact in Patient Identification and Uptake of Surgical Services. Case Study of Dodoma and Lindi Regions of Tanzania

Alistidia Simon, Hope Rusibamayila, **Jeremiah Ngondi**, **Upendo Mwingira**, Jennifer Harding, Haran Mkocha, Peter Kivumbi, Gosbert Katunzi, George Kabona, Andreas M. Nshala

SESSION 150 | MALARIA | UPDATES AND INNOVATIONS IN MALARIA PREVENTION

5:00–5:15 PM

1944 | The Effectiveness of Seasonal Malaria Chemoprevention (SMC) in the Operational Programming Context of Guinea

Donal Bisanzio, **Aissata Fofana**, Timothée Guilavogui, Eugene Kaman Lama, **Elizabeth Fitch**, **Adam Preston**, **Mamadou Aliou Baldé**, **Jean-Luc Taton**, Lamine Bangoura, **Richard Reithinger**

Maryland C (Ballroom Level)

SUNDAY, NOVEMBER 24

SYMPOSIUM | SESSION 166

8:00–9:45 AM

Safety is No Accident: Harm Reduction and Mass Drug Administration

Scott McPherson and **Upendo Mwingira** (Co-Chair)

- Maximizing Benefits While Minimizing Harm: Ethical Principles for Mass Drug Administration – David Addis, Task Force for Global Health
- Pole Position: The Effort to Implement New Zithromax® Dosing Guidance Throughout the World – P.J. Hooper, International Trachoma Initiative
- An Observational MDA Safety Assessment Across Three Regions in Ethiopia – Nebiyu Negussu, Ethiopia Federal Ministry of Health
- The Uganda Experience for Addressing the Occurrence of Multiple Adverse Events After Schistosomiasis MDA, Gilbert Bayeenda, Uganda Ministry of Health

Maryland D (Ballroom Level)

SESSION 172 | BACTERIOLOGY | TRACHOMA, OTHER BACTERIAL INFECTIONS, DIAGNOSTICS

8:00–8:15 AM

1982 | Understanding the Reality of MDA for Trachoma Among a Maasai Community in Tanzania: Application of an Anthropological Framework for NTD Intervention Effectiveness

Tara B. Mtuy, Matthew J. Burton, Kevin Bardosh, Janet Seeley, **Upendo Mwingira**, **Jeremiah Ngondi**, Sarah Craciunoiu, Shelley Lees

National Harbor 4/5
(National Harbor Level)

8:30–8:45 AM

1984 | Trachoma Elimination Endgame in Uganda: Progress, Milestones and Timelines

Gilbert Baayenda, **Benjamin Binagwa**, **Wangeci Thuo**, Francis Mugume, Edridah Muheki, **Jeremiah M. Ngondi**