THURSDAY, NOVEMBER 21

SYMPOSIUM | SESSION 7

8:00—9:45 AM

The Relative Importance of Migrant and Mobile Populations in Malaria Elimination Settings: A Challenge for Surveillance Systems and Intervention Targeting

Richard Reithinger and Myaing Myaing Nyunt

- 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

SESSION 26 | POSTER SESSION A | PRESENTATIONS AND LIGHT LUNCH

12:00—1:45 PM

Poster 331 | Rapid Characterization of Urban Malaria Transmission – Conakry, Guinea

Dean M. Sayre, Alioune Camara, Yaya Barry, Toure B. Deen, Denka Camara, Mohamed Dioubate, Ibrahima Camara, Kalil Keita, Nouman Diakite, Youssoufou Lo, Ibrahima Bah, Hadja F. Camara, Mohamed S. Conde, Aissata Fofana, Abdoulaye Sarr, Eugene K. Lama, Seth Irish, Mateusz Plucinski

Poster 396 | Quantifying Seasonal Variation in Insecticide-Treated Net Use Behavior

Hannah Koenker, Cameron Taylor, Julie Thwing, Clara Burgert-Brucker, Tom Fish, Albert Kilian

Poster 409 | Malaria Surveillance in Tanzania Electronic Integrated Disease Surveillance and Response (eIDSR) System Completeness and Timelines in Areas of Very Low Transmission


Prayuth Sudathip, Julien Zwang, Rungrawee Tipmontree, Suravadee Kitchakarn, Thannikar Thongrad, Felicity Young, Richard Reithinger, Jul A. Shah, Pascal Ringwald, David Sintazath, Aungkana Saejeng, Preecha Prempee, Darin Areechokchai, Jersuda Kajanausuan, Cheewanan Lertpiriyasuwat
### SESSION 26 | POSTER SESSION A | PRESENTATIONS AND LIGHT LUNCH (CONTINUED)

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:00–1:45 PM</td>
<td><strong>Poster 450</strong></td>
<td>Characterizing the Molecular and Metabolic Mechanisms of Insecticide Resistance in <em>Anopheles Gambiae</em>. 1. in Faranah, Guinea</td>
<td>Caleb J. Stica, Claire L. Jeffries, Seth R. Irish, Yaya Barry, Denka Camara, <strong>Ismael Yansane</strong>, Mojca Kristan, Thomas Walker, Louisa A. Messenger</td>
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<td><strong>Poster 537</strong></td>
<td>Global Epidemiology of Strongyloidiasis: Filling the Knowledge Gap</td>
<td><strong>Donal Bisanzio</strong>, Dora Buonfrate, Antonio Montresor, <strong>Michael French</strong>, Richard Reithinger, Giovanni Giordi, Zeno Bisoffi</td>
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### SESSION 41 | FILARIASIS | EPIDEMIOLOGY AND CONTROL II

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### FRIDAY, NOVEMBER 22

### SYMPOSIUM | SESSION 59

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<th>Presenters</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00–9:45 AM</td>
<td><strong>A Cross-Disease, Multi-Disciplinary Assessment of Surveillance Systems for Neglected Tropical Diseases After Elimination Has Been Achieved: From Laboratory Diagnostics to Systems Approaches</strong></td>
<td>Jeremiah Ngondi and Arylic W. Mosher</td>
<td>Potomac D (Ballroom Level)</td>
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<td><strong>• Optimizing Diagnostics for Neglected Tropical Diseases Surveillance After Attainment of Elimination</strong></td>
<td>– Katie Gass, Task Force for Global Health</td>
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<td><strong>• Assessment of a Long Running School and Health Facility-Based Surveillance Model for Trachoma in the Sultanate of Oman</strong></td>
<td>– Saleh Al-Harb, Ministry of Health, Muscat, Oman</td>
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<td></td>
<td><strong>• One Size Does Not Fit All: Systems, Successes, Challenges and Lessons Learned from Global Guinea Worm Eradication Surveillance</strong></td>
<td>– Adam Weiss, The Carter Center</td>
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</tbody>
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**SYMPOSIUM | SESSION 76**

**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

**SESSION 77 | POSTER SESSION B | PRESENTATIONS AND LIGHT LUNCH**

**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, Ambrish Chandan

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


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


**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 Vercruysse, Bruno Levecke, Jack Grimes, Lasely Drake, Iain Gardiner, Wendy Harisson, Alan Fenwick


Boubacar Diop, Fatou Ndiaye Badiane, Amadou Doucouré, Mawo Fall, Daniel Albert Cohn, Achillé 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?** | Prince George's Exhibit Hall D (Lower Atrium Level) |
| | Mabula Kasubi, George Kaboma, James Kalabashanga, Harran Mkocha, Mike French, Upendo Mwingira, Sarah Gwyn, Diana Martin, Sheila West, Jeremiah Ngondi | |

### 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.** | National Harbor 11 (National Harbor Level) |
| | Donal Bisanzio, Maria P. Fernandez, Elisa Martello, Richard Reithinger, Maria Diuk-Wasser | |

### 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** | 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** | Maryland B (Ballroom Level) |
| | Prayuth Sudathip, Julien Zwang, Rungrawee Tipmontree, Suravadee Kitchakarn, Thannikar Thongrad, Felicity Young, Richard Reithinger, Juli A. Shah, David Sintasath, Preecha Prempree, Darin Areechokchai, Jersuda Kajanasuwan, Cheewanan Lerptiriyasuwat | |

### SYMPOSIUM | SESSION 124

| 10:15–12:00 PM | **The Challenges of Implementing NTD Assessments in Conflict Areas and Fragile States** | Potomac B (Ballroom Level) |
| | Scott McPherson and Achille Kabore (Co-Chair) | |
| | - 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 | |
SESSION 131  |  POSTER SESSION C  |  PRESENTATIONS AND LIGHT LUNCH

12:00–1:45 PM

Poster 1390  |  Expanding Global Partnerships to Strengthen Pathology-Based Mortality Surveillance
Tia R. Paganelli, Norman J. Goco, Lindsay M. Parlberg, 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 Kenya
Sindiso 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

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

**Poster 1776 | Trachoma Prevalence in Refugee Camps in the East Region of Cameroon**
Assumpta Bella, Sidi Coulilba, Georges Nko/Ayissi, Bidjang Mathurin, Julie Akame, Carine Fokam, Patrick Mbia, Ismael Teta, Yaobi Zhang, Jean Jacques Tougué, Steven D. Reid

**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, Harran Mkocha, Peter Kivumbi, Gosbert Katunzi, George Kabona, Andreas M. Nshala

**SESSION 150 | MALARIA | UPDATES AND INNOVATIONS IN MALARIA PREVENTION**

**1944 | The Effectiveness of Seasonal Malaria Chemoprevention (SMC) in the Operational Programming Context of Guinea**
Donal Bisanzio, Aissata Fofana, Timothée Guillavogui, Eugene Kaman Lama, Elizabeth Fitch, Adam Preston, Mamadou Aliou Baldé, Jean-Luc Taton, Lamine Bangoura, Richard Reithinger

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

**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

**1984 | Trachoma Elimination Endgame in Uganda: Progress, Milestones and Timelines**
Gilbert Baayenda, Benjamin Binagwa, Wangeci Thuo, Francis Mugumure, Edridah Muheki, Jeremiah M. Ngondi

**SUNDAY, NOVEMBER 24**

**SYMPOSIUM | SESSION 166**

**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 Baayenda, Uganda Ministry of Health

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