### Wednesday – Day 1 – Breakout Sessions

<table>
<thead>
<tr>
<th>Session 1</th>
<th>11:30 – 12:30</th>
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</table>
| Room 1 & Room 2 | Mixed-Methods Data Collection, Visualization, and Data Storytelling in Humanitarian Response  
Leigh McCook, Georgia Tech Research Institute  
60 minutes |
| Room 3 | Temperature Monitoring for End-to-End Visibility in the Cold Chain  
Hosea Kintu, Nexleaf Analytics  
20 minutes |
| Room 4 | Humanitarian Operations through the Lens of Health Systems  
Nico Vandaele, KU Leuven  
20 minutes |
| Room 5 & Room 6 | **Rapid Fire Trainings & Education Workshop**  
**Strengthening University Supply Chain Curricula** |
| Room 5 & Room 6 | **Integration of Human Immunodeficiency Virus (HIV) services for humanitarian crisis population in the National HIV program in Rwanda: Case of Nyabiheke refugee camp**  
NYIRIMANZI Joseph Desire, Rwanda Ministry of Health/Gatsibo District Pharmacy  
20 minutes |
| Room 5 & Room 6 | **Strengthening University Supply Chain Curricula**  
Bruck Messele Habte, School of Pharmacy, Addis Ababa University  
10 minutes |
| Room 5 & Room 6 | **The Value of Enhancing Your Professional Education in Health & Humanitarian Supply Chain Management**  
Dr. Pinar Keskinocak  
Georgia Institute of Technology- Center for Health & Humanitarian Systems  
10 minutes |
| Room 5 & Room 6 | **Utilizing Remote Sensors to Monitor Temperature and Humidity for Ambient Health Products in the Supply Chain**  
Antonio Mabuiangue, Chemonics International  
20 minutes |
| Room 5 & Room 6 | **A novel approach to evaluating supply chain interventions in complex and uncertain systems: using developmental evaluation in hard-to-reach settings in Kenya**  
Eric Wakaria, inSupply Health, Ltd.  
20 minutes |

**Q & A**
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<tr>
<th>Session 2</th>
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<th>Room 3</th>
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<th>Room 5 &amp; Room 6</th>
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<tbody>
<tr>
<td><strong>14:45-15:45</strong></td>
<td>Strengthening the Public Health Supply Chain for Efficient Commodity Delivery Through Private Sector Partnerships Kwadwo Koduah Owusu, National AIDS/STI Control Programme 20 minutes</td>
<td>Advanced Analytics to Improve Availability and Management of Health Products Eliachim Ishimwe, Zenysis 20 minutes</td>
<td>Planning for Public Health and Humanitarian Emergencies: Modeling Approaches to Inform Good Decisions Margaret Brandeau, Stanford University 20 minutes</td>
<td>How can public health logistics assets be used to support humanitarian emergency response? Dominique Zwinkels, People that Deliver Initiative (PtD) Liz Igharo, IAPHL 60 minutes</td>
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<td><strong>Reforming Ghana's Supply Chain: Procurement efficiency, end-to-end logistics management system design, and distribution optimization</strong> Phillip Lule, Global Fund Ghana Logistics Support Project / Chemonics International 20 minutes</td>
<td>Managing the costs of vaccine deliveries: Modelling the key levers that influence delivery costs in Kano, Nigeria Oluwaleke Jegede, Solina Center for International Development and Research 20 minutes</td>
<td>Models and Metrics for Humanitarian Disaster Response Capacity Rothkopf Alexander, Massachusetts Institute of Technology 20 minutes</td>
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<tr>
<td><strong>Project Last Mile [PLM] in West Africa: Leveraging private sector expertise to develop effective and sustainable route-to-market (RTM) models to bring life-saving medicines to the last mile</strong> Jonathan Halse, Project Last Mile 20 minutes</td>
<td>Immunization Supply Chain Integration In Ethiopia Habtamu Berhe Mekonnen John Snow, Inc 20 minutes</td>
<td>Emergency Response Efforts in Supply Chain: A Case Study and Lessons Learned in Mozambique Nelson Mbota, GHSC-PSM Mozambique 20 minutes</td>
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<td><strong>Session 3</strong></td>
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<td>Chain Up: Women connecting across international health supply chains</td>
<td>Medicycles: Using microfinanced motorcycle taxis and cost-sharing to ensure last-mile delivery and continuity of care in difficult-to-reach areas</td>
<td>Rethinking the integration of Unmanned Aircraft Systems into Supply Chain Systems</td>
<td>The journey to self-reliance: the story of a public-private partnership to achieve pharma-compliant warehousing for public health commodities in Nigeria</td>
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<td>People that Deliver Initiative (PtD)</td>
<td>Kevin Gibbons, Health Access Connect 20 minutes</td>
<td>Alfons Van Woerkom, The Global Fund 20 minutes</td>
<td>Ladi A. Stephen, USAID GHSC-PSM Project 20 minutes</td>
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<td>60 minutes</td>
<td>Improved quantification and supply plan monitoring through integrated Coordinated Procurement and Distribution system (iCPDS) in Rwanda</td>
<td>Integrating Just-in-Time Delivery into Health Supply Chain Design</td>
<td>Mitigating the Risk of Commodity Stock-outs in Public Health Supply Chains: Empirical Evidence from Indonesia</td>
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<td>Theobald Habiyaremye, Rwanda Ministry of Health 20 minutes</td>
<td>Israel Bimpe, Zipline 20 minutes</td>
<td>Barbara Knittel, John Snow, Inc (JSI) 20 minutes</td>
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<td>Using Systems Tools to Understand and Measure Complex Change</td>
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<td>Courtney Blair, USAID/Uganda Feed the Future Market System Monitoring Activity 20 minutes</td>
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<td>Understocking of Essential Medicines: A Root Cause Analysis</td>
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<td>De Vries Harwin, INSEAD 20 minutes</td>
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### Session 4
13:30 – 14:30

#### Room 1 & Room 2

**System Design Stakeholder Game**

Ryan Purcell, Llamasoft  
60 minutes

**Rapid Fire Trainings & Education Workshop**

**Advancing Supply Chain Knowledge in the Field**

- Bridging the Gap of Logistics Professionals in the Management of Immunization Supply Chain in Africa: Experience of the LogVac Center through the LogVac Training  
  - Hamed Idrissa Traor  
  - LogVac Center  
  - 10 minutes

- Pioneering a Scalable Capacity Building Approach in the Health Sector in Ethiopia: IPLS e-Learning Course  
  - Habtamu Berhe Mekonnen  
  - JSI, AIDSfree  
  - 10 minutes

- Smart Supply Chains: Building the Skills of a New Generation of Supply Chain Professionals in the Humanitarian Field  
  - Liz Igahro, IAPHL  
  - 10 minutes

- Chain workforce through online learning and mentoring: Lessons learnt from implementing a transformational health project in West Africa  
  - Landry Medegan, i+solutions  
  - 10 minutes

**Q & A**

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#### Room 3

- **Building Resilience in the Healthcare Supply Chain in Ghana**  
  By deploying a digitally-enabled Learning Platform for building institutional and individual capacity  
  - Paul Lalvani, Empower School of Health  
  - 20 minutes

- **Applying private sector solutions to optimize routes and build capability for sustainable supply chain management (SCM) in the public health sector: Project Last Mile in Mozambique**  
  - Jose Neves  
  - Frontline Business Information Services, Project Last Mile  
  - 20 minutes

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- **Electronic Logistics Management Information System (eLMIS) implementation in Rwanda: Ensuring commodity security through effective management of logistics data**  
  - Evariste Ndaribumbye, Rwanda Ministry of Health  
  - 20 minutes

- **Building ownership and ensuring sustainable automated supply chain information systems: Lessons from Zambia and Tanzania**

- **Implementation of Global Standards for Traceability in Global Health**

- **Q & A**

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<td><strong>Session 5</strong></td>
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<td><strong>Kenya’s Emergency Supply Chain Preparedness and Response: A One Health Approach to Disease Outbreaks</strong>&lt;br&gt;James Riungu, USAID GHSC-PSM Project Afya Ugavi Activity&lt;br&gt;20 minutes</td>
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<td><strong>Insights Achieved with the Rwanda Health Analytics Platform (RHAP) - A Case Study Presented by the Rwanda Biomedical Center (RBC) and Zenysis Technologies</strong>&lt;br&gt;Eliachim Ishimwe, Zenysis&lt;br&gt;20 minutes</td>
<td><strong>Ethiopia Pharmacy Supply Agency partners with private sector experts to sustainably improve its supply chain systems</strong>&lt;br&gt;Eugene Coetzee, Celsian Consulting&lt;br&gt;20 minutes</td>
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<td><strong>Skill building workshop on IMPACT team adaptable models and approach</strong>&lt;br&gt;Wambui Waithaka, inSupply Health, Ltd.&lt;br&gt;60 minutes</td>
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<td><strong>Engineering Modeling to Assist in Guinea Worm Eradication</strong>&lt;br&gt;Julie Swann, NC State University&lt;br&gt;20 minutes</td>
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<td><strong>Using human centered design to transform community health supply chains for migratory and hard-to-reach communities in Kenya</strong>&lt;br&gt;Eric Wakaria, inSupply Health, Ltd.&lt;br&gt;20 minutes</td>
<td><strong>Measuring Corporate Social Responsibility and supply chain performance, a linking approach to assess the impact of massive donations in disaster scenarios</strong>&lt;br&gt;Juan Camilo Sanchez Gil, Universidad de Antioquia&lt;br&gt;20 minutes</td>
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<td><strong>Improving cost efficiency and coverage of HIV viral load testing in Zimbabwe through laboratory network optimization</strong>&lt;br&gt;Lillian Gu, USAID GHSC-PSM Project&lt;br&gt;20 minutes</td>
<td><strong>Integration of therapeutic and supplementary food (TSF) into Namibia’s national pharmaceutical supply chain system</strong>&lt;br&gt;Nepembe Kefas, USAID GHSC-PSM Project&lt;br&gt;20 minutes</td>
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<td><strong>Achieving the goals of the Global Health Security Agenda (GHSA) through the Emergency Supply Chain preparedness Playbook</strong>&lt;br&gt;Abyu Faris Aberra, Project Last Mile Liberia/Chemonics International&lt;br&gt;20 minutes</td>
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