Ethiopian Public Health Association

EPHA’s 28th Annual Scientific Conference and General Assembly Meeting

February 19-22, 2017

Harar Town, Ethiopia

Program Book
### Pre-conference: Sunday, February 19, 2017

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<tr>
<th>Time</th>
<th>Activities</th>
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<tr>
<td>8:00 AM-10:30 AM</td>
<td>Registration</td>
<td>Conference organizing committee</td>
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<td>Scientific writing session</td>
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<td>4:00 PM-5:00 PM</td>
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<td>Program introduction</td>
<td>Dr. Aster Tsegaye, Member, Executive Board, EPHA</td>
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<td>Welcoming address</td>
<td>Dr. Fikreab Kebede, President, EPHA</td>
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<td>Mr. Mohammed Ahmed, Head, Regional Health Bureau, Harari People’s National Regional State</td>
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<td>Keynote address</td>
<td>Dr. Jeffery Hanson, Country Director, US Centers for Disease Control and Prevention</td>
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<td>Mrs. Yemeserach Belayneh, Country Advisor, the David and Lucile Packard Foundation</td>
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<td>Opening address</td>
<td>HE. Prof. Yifru Berhan, Minister, Ministry of Health, Federal Democratic Republic of Ethiopia</td>
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<td>Official opening address</td>
<td>H.E. Mr. Murad Abdulhadi, President, Harari People’s National Regional State</td>
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<td>Award ceremony</td>
<td>Dr. Fikreab Kebede, President, EPHA</td>
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<td>6:30 PM-8:30 PM</td>
<td>Reception</td>
<td>EPHA</td>
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<td>8:30 AM-10:00 AM</td>
<td>Panel discussion: (Sub-theme 1: The Health Sector Transformation Agenda)</td>
<td>Moderators: Dr. Taye Tolera&lt;br&gt;Panelists: Dr. Macoura Oulare&lt;br&gt;Dr. Zufan Abera&lt;br&gt;Dr. Mengistu Asnake&lt;br&gt;Dr. Sintayehu Tsegaye</td>
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<td>10:00 AM-10:30 AM</td>
<td>Health break, poster exhibition</td>
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<td>10:30 AM-12:00 PM</td>
<td>Concurrent sessions (oral presentations)</td>
<td>Moderators: Dr. Aster Tsegaye&lt;br&gt;Mr. Zelalem T/Mariam&lt;br&gt;Mr. Nega Baraki&lt;br&gt;Dr. Bizatu Mengistie&lt;br&gt;Dr. Biftu Geda&lt;br&gt;Dr. Alemayehu Bekele</td>
<td>CR1 CR2 CR3</td>
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<td>12:00 PM-1:30 PM</td>
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<td>1:30 PM-3:00 PM</td>
<td>Panel discussion: (Sub-theme 2: Existing, Emerging and Re-emerging Public Health Challenges in Ethiopia)</td>
<td>Moderators: World Health Organization&lt;br&gt;Panelists: Dr. Tegbar Yigzaw</td>
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meet existing, emerging and re-emerging public health challenges in Ethiopia?

Road injuries as major public health challenges: Beyond the rhetoric  
Mr. Abera Tibebu

Cholera, a persistent public health challenge  
Dr. Essayas kebede

Antimicrobial resistance  
Dr. Mekonnen Teferi

Policy, strategy and programmatic responses and shortfalls to existing, emerging and re-emerging public health challenges in Ethiopia  
Dr. Daddi Jima

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<tr>
<th>Time</th>
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<tr>
<td>3:00 PM-3:30 PM</td>
<td><strong>Health break, poster exhibition</strong></td>
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<td>3:30 PM-5:30 PM</td>
<td><strong>General Assembly meeting</strong></td>
<td>General Assembly Executives</td>
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<td>6:00 PM-8:00 PM</td>
<td><strong>Expert appraisal on PHC reform pilot implementation in Addis Ababa, Ethiopia</strong></td>
<td>Addis Ababa University School of Public Health (AAU-SPH), John Snow, Inc. Strengthening Ethiopia's Urban Health Program (JSI-SEUHP)</td>
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<td>8:30 AM-5:30 PM</td>
<td><strong>Poster exhibitions</strong> (Poster presentations)</td>
<td>Conference organizers, Authors</td>
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<tr>
<td></td>
<td><strong>Behavioral science and communication</strong></td>
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<td>(Pos. No. 1-4)</td>
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<td></td>
<td><strong>Biomedical science</strong></td>
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<td>(Pos. No. 5-10)</td>
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<td><strong>Environmental and occupational health</strong></td>
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<td><strong>Health systems research</strong></td>
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<td><strong>HIV, TB, and Malaria</strong></td>
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<td>(Pos. No. 26-32)</td>
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<td><strong>Maternal health</strong></td>
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<td>(Pos. No. 33-52)</td>
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# EPHA’s 28th Annual Scientific Conference and General Assembly Meeting

**Tuesday, February 21, 2017**

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<tr>
<td>8:30 AM-10:00 AM</td>
<td>Panel Discussion: (Sub-theme 3: Public Healthcare Readiness and Response in Ethiopia)</td>
<td>Moderators: Prof. Mirkuzie Woldie</td>
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<td>Panelists: Healthcare readiness and responses Dr. Ephrem Tekle</td>
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<td>Healthcare readiness and response to NCDs Dr. Ahmed Reja</td>
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<td>Healthcare readiness and response to NTDs Dr. Teshome Gebre</td>
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<td>Healthcare readiness and response to infectious diseases Dr. Desalegn Zegeye</td>
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<td>Health break, poster exhibition</td>
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<td>10:30 AM-12:30 PM</td>
<td>Concurrent sessions (oral presentations)</td>
<td>Moderators:</td>
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<td></td>
<td>Non-communicable disease, mental health and substance use (Abs 24, 25, 26, 27, 28)</td>
<td>Dr. Biftu Geda Dr. Alemayehu Bekele</td>
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<td>Existing, emerging and re-emerging communicable diseases (Abs 29, 30, 31, 32, 33)</td>
<td>Dr. Amha Kebede Dr. Desalegn Admasu</td>
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<tr>
<td></td>
<td>Health systems research (Abs 34, 35, 36, 37, 38)</td>
<td>Prof. Amsalu Feleke Dr. Gudina Ejeta</td>
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<td></td>
<td>HIV, TB, and Malaria (Abs 39, 40, 41, 42, 43)</td>
<td>Dr. Berhanu Seyoum Dr. Tesfaye Gobena</td>
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<td>Maternal health (Abs 44, 45, 46, 47)</td>
<td>Dr. Nega Assefa Mr. Wondimye Ashenafi</td>
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<td>12:30 PM-2:00 PM</td>
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<td>2:00 PM-3:30 PM</td>
<td>Panel Discussion: (Sub-theme 4: Global Health Security)</td>
<td>Moderators: Dr. Lucy Boulanger</td>
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<td>Panelists: Cross-border diseases outbreaks Dr. Merawi Aragaw</td>
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Establishment of African Center for Diseases Control and Prevention
Dr. Theresa Kanter

One Health approach
Prof. Kifle W/Michael

Ethiopia’s position and future direction, including our health workforce
Mr. Abyot Bekele

### 3:30 PM-4:00 PM
**Health break, poster exhibition**

<table>
<thead>
<tr>
<th>Concurrent sessions</th>
<th>Moderators:</th>
<th>Room</th>
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<tbody>
<tr>
<td>Existing, emerging and re-emerging communicable diseases (Abs 48, 49, 50, 51, 52)</td>
<td>Dr. Desalegn Admasu, Dr. Yadeta Dessie</td>
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<tr>
<td>Biomedical science (Abs 53, 54, 55, 56, 57)</td>
<td>Dr. Almaz Abebe, Dr. Tsegahun Manyazewal</td>
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<tr>
<td>Neonatology, infant, child and adolescent health (Abs 58, 59, 60, 61, 62)</td>
<td>Dr. Lemessa Oljira, Dr. Assefa Sime</td>
<td>CR3</td>
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<tr>
<td>Maternal health (Abs 63, 64, 65, 66, 67)</td>
<td>Dr. Alemayehu Mekonnen, Mr. Merga Deresa</td>
<td>CR4</td>
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<tr>
<td>Nutrition and food science (Abs 68, 69, 70, 71, 72)</td>
<td>Dr. Kedir Teji, Dr. Frehiwot Mesfin</td>
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### 4:00 PM-5:30 PM
**Concurrent sessions (oral presentations)**

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<tr>
<td>Existing, emerging and re-emerging communicable diseases (Abs 48, 49, 50, 51, 52)</td>
<td>Dr. Desalegn Admasu, Dr. Yadeta Dessie</td>
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<tr>
<td>Biomedical science (Abs 53, 54, 55, 56, 57)</td>
<td>Dr. Almaz Abebe, Dr. Tsegahun Manyazewal</td>
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<tr>
<td>Neonatology, infant, child and adolescent health (Abs 58, 59, 60, 61, 62)</td>
<td>Dr. Lemessa Oljira, Dr. Assefa Sime</td>
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<tr>
<td>Maternal health (Abs 63, 64, 65, 66, 67)</td>
<td>Dr. Alemayehu Mekonnen, Mr. Merga Deresa</td>
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<tr>
<td>Nutrition and food science (Abs 68, 69, 70, 71, 72)</td>
<td>Dr. Kedir Teji, Dr. Frehiwot Mesfin</td>
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### 8:30 AM-5:30 PM
**Poster exhibitions (Poster presentations)**

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<tr>
<td>Existing, emerging and re-emerging communicable diseases (Pos. 53-57)</td>
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<td>Non-communicable diseases, mental health and substance use (Pos. 58-65)</td>
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<td>HIV, TB, and Malaria (Pos. 66-74)</td>
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<td>Maternal health (Pos. 75-84)</td>
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<td>Neonatology, infant, child and adolescent health (Pos. 85-94)</td>
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<tr>
<td>Nutrition and food science (Pos. 95-100)</td>
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### Panel Discussion:
(Sub-theme 5: Sustainable Development Goals and Universal Health Coverage [UHC])

**Moderators:**
Prof. Damen H/Mariam

**Panelists:**
- Health agenda of SDGs
  Mr. Mesoud Mohammed
- Universal healthcare in the lenses of SDGs
  Dr. Firehiwot Berhane
- The role of development partners in meeting UHC
  Anne M. Bakilana
- Lessons from planning to the commencement of implementing SDGs and implications to the UHC
  USAID

### Health break, poster exhibition

### PATHFINDER International session

**PATHFINDER International Ethiopia country office**

### Concurrent sessions
(Oral presentations)

- **Neonatology, infant, child and adolescent health**
  (Abs 73, 74, 75, 76, 77)
  - Dr. Yadeta Dessie
  - Mr. Melake Demena

- **Health systems research**
  (Abs 78, 79, 80, 81)
  - Dr. Gudina Ejeta
  - Sr. Fekerte Belete

- **HIV, TB, and Malaria**
  (Abs 82, 83, 84, 85, 86)
  - Dr. Tesfaye Gobena
  - Dr. Berhanu Seyoum

- **Maternal health**
  (Abs 87, 88, 89, 90, 91)
  - Dr. Nega Assefa
  - Mr. Merga Deresa

- **Nutrition and food science**
  (Abs 92, 93, 94, 95, 96)
  - Prof. Jemal Haider
  - Dr. Kedir Teji

### Health break, poster exhibition

### Concurrent sessions
(oral presentations)

- **Maternal health (One)**
  - Dr. Nega Assefa
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<th>Time</th>
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<td>1.</td>
<td>Prevalence and Drug Susceptibility Pattern of Group B Streptococci (GBS) among Pregnant Women Attending Antenatal Care in Nekemte Referral Hospital, Nekemte, Ethiopia</td>
<td>Hylemariam Mihiretie</td>
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<td>2.</td>
<td>Point Prevalence of Hospital Acquired Infections in Two Teaching Hospitals of Amhara Region, Ethiopia</td>
<td>Walelegn Worku</td>
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<td>3.</td>
<td>Prevalence of Thrombocytopenia among Pregnant Women Attending Antenatal Care Service at Gondar University Hospital, Northwest Ethiopia</td>
<td>Yigzaw Fikir Asrie</td>
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<td><strong>Environmental and occupational health</strong></td>
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<td>5.</td>
<td>Effects of Low Dose Ionizing Radiation on the Hematological Parameters in Medical Imaging and Therapeutic Technologists of Selected Governmental Hospitals in Addis Ababa, Ethiopia</td>
<td>Eden Hassen Giragn</td>
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<td>8.</td>
<td>Organophosphate Exposure and Associated Health Effects from Farm Workers in Low-and-Middle Communities and Implementation for SDGs</td>
<td>Akeza Awealom Asgedom</td>
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<td>9.</td>
<td>Latrine Utilization and Associated Factors among Primary and Non-Primary Open Defecation Free Kebeles in Farta District, South Gondar and Northwest Ethiopia: A Comparative Cross-Sectional Study</td>
<td>Alie Ayal Ejigu</td>
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<td><strong>Non-Communicable Disease, Mental Health and Substance Use</strong></td>
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<td>10.</td>
<td>Health Seeking Behavior and Associated Factors among Chronic Heart Failure Adult Clients in Jimma University Specialized Hospital, South west Ethiopia, 2016</td>
<td>Getahun Fetensa Hirko</td>
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<td>11.</td>
<td>Predictors of Loss-to-follow up among Adult Clients Attending Antiretroviral Treatment at Karamara General Hospital, Jigjiga Town, Eastern Ethiopia, 2015: A Retrospective Cohort Study</td>
<td>Wubareg Seifu Jemberia</td>
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<td>12.</td>
<td>The Assessment of Knowledge, Attitude and Intention to Use Cervical Cancer Screening and Its Correlates among Army Women in Ethiopia</td>
<td>Belachew Kahasay Berehe</td>
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<td>13.</td>
<td>Quality of life among Women Patients with Breast Cancer at Tikur Anbessa Specialized Referral Hospital, Addis Ababa, Ethiopia</td>
<td>Niguse Tadele</td>
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<td>14.</td>
<td>Stem Cells and Regenerative Medicine: A special Focus on Enhanced Differentiation of Stem Cells into Insulin-producing Beta Cell Like Clusters Non-communicable Disease, Mental Health and Substance use</td>
<td>Gizachew Wubetu</td>
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<td><strong>Maternal health</strong></td>
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<td>15.</td>
<td>Induced Second Trimester Abortion and Associated Factors in Amhara Region Referral Hospitals, Northwest Ethiopia</td>
<td>Amlaku Mulat Aweke</td>
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<td>16.</td>
<td>The Assessment of Level and Determinants of Unmet Need among Women of Reproductive Age Group with Disabilities in Addis Ababa</td>
<td>Solen Abera</td>
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<td>17.</td>
<td>unintended Pregnancy and Associated Factors among Married Pregnant Women in Ganji woreda, West Wollega Oromia Region, Ethiopia</td>
<td>Aderajew Nigussie Tekelehaymanot</td>
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<td>18</td>
<td>Determinants of Repeated Abortion among Women of Reproductive Age Attending Health Facilities in Northern Ethiopia: A Case-Control Study</td>
<td>Mussie Alemayehu Gebreselassie</td>
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<td>19</td>
<td>Dietary diversity and meal frequency among children 6-23 months in Southern Ethiopia</td>
<td>Tefera Chane Mekonen</td>
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**Non-communicable disease, mental health and substance use**

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106. **Partograph use among Obstetric Caregivers In Public Health Institutions of West Showa Zone, Oromia Regional State, Ethiopia 2015**  
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119. **Determinants Of Acute Malnutrition Among South Sudanese Under Five Children In Terki refugee Camp, Gambella Region, South West Ethiopia: A Case Control Study**  
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120. **Prevalence and associated factors of zinc deficiency among pregnant women attending antenatal care at Gambella Hospital, South West of Ethiopia: Institution based cross-sectional study, 2016**  
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