## IDM Symposium: Day 1

### Hyatt Regency, Tuesday 4/18/2017 IDM Symposium—Seven Deadly Diseases

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30am-8:45am</td>
<td></td>
<td>Registration and Breakfast</td>
<td>Please join us for a fully staffed breakfast buffet located outside the main entrance of the Auditorium.</td>
</tr>
<tr>
<td>8:45am-9:00am</td>
<td>Auditorium</td>
<td>Welcome</td>
<td>Robert Hart, IDM</td>
</tr>
<tr>
<td>9:00am-11:30am</td>
<td>Room</td>
<td>Breakout</td>
<td><strong>Pneumonia</strong>&lt;br&gt;Chair: Ben Althouse&lt;br&gt;Ben Althouse, <em>IDM</em>&lt;br&gt;Stefan Flasche, <em>London School of Hygiene and Tropical Medicine</em>&lt;br&gt;Mark Lipsitch, <em>Center of Communicable Disease Dynamics, Harvard School of Public Health</em>&lt;br&gt;Dan Weinberger, <em>Yale School of Public Health</em></td>
</tr>
<tr>
<td>9:00am-11:30am</td>
<td>Room</td>
<td>Breakout</td>
<td><strong>Value of Information</strong>&lt;br&gt;Chair: Guillaume Chabot-Couture&lt;br&gt;M Elizabeth Halloran, <em>Fred Hutchinson Cancer Research/University of Washington</em>&lt;br&gt;Natalia Molodecky, <em>Imperial College London</em>&lt;br&gt;Roland Sutter, <em>World Health Organization</em>&lt;br&gt;Jon Wakefield, <em>Departments of Statistics and Biostatistics, University of Washington</em></td>
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<tr>
<td>9:00am-11:30am</td>
<td>Room</td>
<td>Breakout</td>
<td><strong>Calibration of Individual-Based Models</strong>&lt;br&gt;Chair: Dan Klein&lt;br&gt;Dan Klein, <em>IDM</em>&lt;br&gt;Zelda Zabinksy, <em>University of Washington</em>&lt;br&gt;Ian Vernon, <em>Durham University</em>&lt;br&gt;Michael Goldstein, <em>Durham University</em></td>
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<tr>
<td>11:30am-1:00pm</td>
<td></td>
<td>Lunch at Eques</td>
<td>With its casual Northwest décor and creative menu, Eques serves a fresh and contemporary Buffet seven days a week using high quality, locally sourced session ingredients.</td>
</tr>
<tr>
<td>1:00pm-2:30pm</td>
<td>Auditorium</td>
<td>General Session 1</td>
<td><strong>Chair: Anna Bershteyn</strong>&lt;br&gt;Robert Reiner, <em>IHME</em>&lt;br&gt;Maya Petersen, <em>UC Berkeley School of Public Health</em>&lt;br&gt;Mark Hatherill, <em>SATVI, University of Cape Town</em></td>
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<tr>
<td>2:30pm-3:15pm</td>
<td></td>
<td>Coffee and Break</td>
<td></td>
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<tr>
<td>3:15pm-4:45pm</td>
<td>Auditorium</td>
<td>General Session 2</td>
<td><strong>Chair: Hao Hu</strong></td>
</tr>
</tbody>
</table>
## IDM Symposium: Day 2

### Hyatt Regency, Wednesday 4/19/2017 IDM Symposium—Seven Deadly Diseases

#### 7:30am-8:45am  
**Registration and Breakfast**  
Please join us for a fully staffed breakfast buffet located outside the main entrance of the Auditorium.

#### 9:00am-10:30am  
**Breakout**  
**Pneumonia**  
**Chair:** Hao Hu  
Gail Rodgers, *Bill & Melinda Gates Foundation*  
Ron Dagan, *Ben-Gurion University of the Negev*  
Imran Nisar, *Department of Pediatrics, Aga Khan University*  
Stephen Pelton, *Boston University School of Medicine and Public Health*  
Kimberly Shea, *Boston University*

**Enteric Disease**  
**Chair:** Dennis Chao  
Duncan Steele, *Bill & Melinda Gates Foundation*  
Ron Dagan, *Ben-Gurion University of the Negev*  
Ben Lopman, *Emory University Rollins School of Public Health*  
Joe Eisenberg, *University of Michigan Department of Epidemiology*  
Andrew Brouwer, *University of Michigan Department of Epidemiology*

**Measles**  
**Chair:** Kevin McCarthy  
Sheng Li, *City University of New York, School of Public Health*  
Amy Winter, *Princeton University*  
Nita Bharti, *Penn State University*  
Matthew Ferrari, *The Pennsylvania State University*

**Malaria**  
**Chair:** Caitlin Bever
Gillian Stresman, London School of Hygiene and Tropical Medicine
Amy Wesolowski, Princeton University
Dave Smith, IHME
John Huber, University of Notre Dame

9:00am-10:30am Room Breakout HIV
Chair: Anna Bershteyn
Diego Cuadros, University of Cincinnati
Susan Cassels, University of California, Santa Barbara
Ying Huang, Fred Hutchinson Cancer Research Center
Graham Medley, London School of Hygiene and Tropical Medicine

9:00am-10:30am Room Breakout COMPS Software Service for Research
John Sheppard, IDM

10:30am-10:45am Coffee and Break

10:45am-11:45am Auditorium General Session 3
Chair: Mike Famulare
Jen Gardy, BC Centre for Disease Control
Dan Neafsey, Broad Institute

11:15am-4:00pm Lunch and Excursion
Please join us for the first annual symposium excursion to the Woodinville wine country. Lunch will be hosted by IDM. IDM will also provide transportation to and from Woodinville. After lunch explore the bounty of Washington’s premier wineries; Chateau Ste Michelle, Columbia, and Novelty Hill/Januik. You may also take advantage of the Red Hook Brewery or Woodinville Distillery. Nearby, discover the scenic Burke-Gilman trail where you may be fortunate enough to glimpse the blue herons.

5:45pm-9:30pm Dinner at Daniel’s Broiler
Please join us for hors d’oeuvres and wine starting at 5:45pm, dinner service will begin promptly at 6:15pm. Registration is required to attend.

IDM Symposium: Day 3

Hyatt Regency, Thursday 4/20/2017 IDM Symposium—Seven Deadly Diseases

7:30am-8:45am Registration and Breakfast
Please join us for fully staffed breakfast buffet located outside the main entrance of the Auditorium.
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session Type</th>
<th>Session Title</th>
<th>Chairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am-10:30am</td>
<td>Auditorium</td>
<td>General Session</td>
<td>General Session 4</td>
<td>Chair: Laina Mercer, Dr. Rana—tentative, Jillian Gauld, IDM, Samson Kiware, Ifakara Health Institute</td>
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<tr>
<td>10:30am-11:15am</td>
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<td>Coffee and Break</td>
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<tr>
<td>11:15am-12:15pm</td>
<td>Auditorium</td>
<td>General Session</td>
<td>Panel Discussion</td>
<td>Chair: Mandy Izzo</td>
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<tr>
<td>12:15pm-1:30pm</td>
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<td>Lunch</td>
<td></td>
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<tr>
<td>1:30pm-3:00pm</td>
<td>Room</td>
<td>Breakout</td>
<td>Tuberculosis</td>
<td>Chair: Brad Wagner, Nimalan Arinaminpathy, Imperial College London, Zoe McLaren, University of Michigan, Patrick Finley, Sandia National Laboratories, Damion Dooley, Department of Pathology</td>
</tr>
<tr>
<td>1:30pm-3:00pm</td>
<td>Room</td>
<td>Breakout</td>
<td>Malaria</td>
<td>Chair: Jaline Gerardin, Ruben Conner, PATH, Katherine Battle, Malaria Atlas Project-Oxford University, Emilie Pothin, Swiss Tropical and Public Health Institute in Basel, Andre Lin Ouedraogo, IDM</td>
</tr>
<tr>
<td>1:30pm-3:00pm</td>
<td>Room</td>
<td>Breakout</td>
<td>Software Tutorial</td>
<td>Benoit Raybaud, IDM</td>
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<tr>
<td>1:30pm-3:00pm</td>
<td>Room</td>
<td>Breakout</td>
<td>Dengue</td>
<td>Chair: Ben Althouse, Robert Reiner, IHME, Isabel Rodriguez-Barraquer, Johns Hopkins Bloomberg School of Public Health, Katia Koelle, Duke University, Alex Perkins, University of Notre Dame</td>
</tr>
<tr>
<td>1:30pm-3:00pm</td>
<td>Room</td>
<td>Breakout</td>
<td>Advances in Applied Math for Infectious Diseases</td>
<td>Chair: Josh Proctor</td>
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<tr>
<td>1:30pm-3:00pm</td>
<td>Room</td>
<td>Breakout</td>
<td>Measles Breakout 2</td>
<td>Chair: Kevin McCarthy, Kurt Frey, IDM, Saki Takahashi, Princeton University</td>
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</tbody>
</table>
### General Session 5

**Chair:** Edward Wenger  
Ruanne Barnabas, *University of Washington*  
Todd Noel — **not registered** (sub for Carrie McNeil)  
Claudia Emerson — **not registered**