DAY ONE: TUESDAY, MARCH 18, 2014

8:00 – 8:30: Registration and Continental Breakfast
8:30 - 8:45: Welcoming Remarks & Overview: Drs. David A. Relman, James M. Hughes, Lonnie King
8:45 – 9:30: KEYNOTE: Challenges and Trends in ‘emerging viral diseases’: A Global Perspective
                    Keiji Fukuda, The World Health Organization
9:30 – 10:00: Discussion
10:00 - 10:30: BREAK

SESSION I: OVERVIEW OF EMERGING VIRAL DISEASES
Moderator: Peter Daszak
10:30 – 11:00: Global trends in emerging viral diseases of wildlife origin
                    Jonathan Sleeman, USGS National Wildlife Health Center
11:00 – 11:30: The relationship between eco-social system changes, the animal/human
                   interface and viral disease emergence
                    Dirk Pfeiffer, Royal Veterinary College
11:30 – 12:00: Studying immunity to zoonotic diseases in the natural host -- keeping it real
                    John Lowenthal, CSIRO
12:00 – 12:30: Emerging and Re-Emerging Viral Diseases: A View from NIAID
                    Anthony Fauci, NIAID
12:30 – 1:00: Discussion
1:00 – 1:45: LUNCH

SESSION II: THE EMERGENCE OF A NOVEL BETACORONAVIRUS IN THE MIDDLE EAST– LOCAL, REGIONAL, & GLOBAL IMPACTS
Moderator: Lonnie King
1:45–2:15: Human coronavirus emergence and cross-species adaptation
                    Dr. Ralph Baric, University of North Carolina
2:15 – 2:45: Animal coronaviruses: Lessons for SARS-like coronaviruses
                    Dr. Linda Saif, Ohio State University
2:45 – 3:15: BREAK
3:15 – 4:15: Investigating the ecology and animal origins of MERS-CoV
                    Drs. Jonathan Epstein and Kevin Olival
4:15 – 4:45: MERS-CoV: Its epidemiology, transmissibility, pandemic potential, and prevention
                    Trish M. Perl, Johns Hopkins School of Medicine
4:45 – 5:15: The potential for the international spread of Middle East Respiratory Syndrome in association with mass gathering events in the Kingdom of Saudi Arabia
                    Kamran Khan, St. Michael’s Hospital – CAN
5:15 – 5:45: Discussion
5:45 – 6:00: Summary and Wrap-Up
6:00: ADJOURNMENT
DAY TWO: WEDNESDAY, MARCH 19, 2014

8:30 – 9:00: Registration and Continental Breakfast
9:00 – 9:15: Welcome and Summary of Day One – Dr. David Relman
9:15 – 10:00: KEYNOTE: Lessons learned from IHR implementation and WHO performance in the 2009 (H1N1) influenza pandemic
Harvey V. Fineberg, President, Institute of Medicine
10:00 – 10:30: DISCUSSION
10:30 – 10:45: BREAK

SESSION III: DISCUSSION OF THE EMERGENCE OF THE INFLUENZA A VIRUSES IN ASIA – H5N1; H1N1; H7N9 – OTHERS
Moderator: James M. Hughes
10:45 – 11:15: The novel H7N9 and H5N1 influenza A viruses have some remarkable similarities and differences
Robert Webster, St. Jude Research Hospital
11:15 – 11:45: Studies on H7N9 virus infectivity and transmission in poultry and field assessment of epidemiology and control
David Swayne, USDA
11:45 – 12:15: Epidemiology and characteristics of influenza A H7N9 infections
Daniel Jernigan, CDC
12:15 – 12:45: DISCUSSION
12:45 – 1:30: LUNCH

SESSION IV: HOW IS THE DOMESTIC AND INTERNATIONAL COMMUNITY RESPONDING TO THESE VIRAL DISEASES?
Moderator: Jeffrey Duchin
1:30 – 2:00: Responses to the emergence of the H7N9 avian influenza A virus in the Asian and Pacific regions – the OIE perspective
Alex Thiermann, OIE
2:00 – 2:30: Coordinated Responses to the emergence of the H7N9 avian influenza A virus in the Asian and Pacific regions – the USAID perspective
Dennis Carroll, USAID
2:30 – 3:00: Challenges in assessing and preventing transmission of β-coronaviruses in hospital/health care facilities
Allison McGeer, Mt. Sinai Hospital, Toronto, CAN
3:00 – 3:30: BREAK
3:30 – 4:00: What have we learned in past 10 years on predicting pandemic potential of zoonotic influenza viruses?
Derek Smith, Cambridge (UK)
4:00 – 4:30: A pandemic risk assessment framework to triage animal influenza viruses and minimize pathotyping studies
Ruben Donis, CDC
4:30 – 5:00: Discussion
5:00 – 5:15: Wrap-Up
5:15: ADJOURNMENT