



**PMAC** | PRINCE MAHIDOL  
AWARD CONFERENCE **2018**



## **PARALLEL SESSION 2.3**

**DEALING WITH AN INTER-CONNECTED WORLD: PARTNERSHIPS FOR  
PREPAREDNESS, DETECTION AND RESPONSE DURING HIGH VISIBILITY EVENTS**



## | BACKGROUND

Mass gatherings are recognised to have the potential to enhance spread of infectious diseases as well as being potential targets for deliberate events. Although both these risks are unlikely, the rise of Zika infection in the run up to the Rio 2016 Olympic and Paralympic Games and Middle East Respiratory Syndrome (MERS) in Saudi Arabia highlighted how these events can create a perceived, if not actual, global health threat and a political as well as health challenge.

The inspiration of this session derives from the next three Olympiads (Winter 2018, Summer 2020 and Winter 2022) being in the western pacific region (S Korea, Japan and China respectively). This session will be based on previous sporting mass gatherings such as the Rio Olympics, the London Olympics, and the World Cup, religious gatherings such as the Hajj, and large state events such as the King's funeral in Thailand. The session aims to share learning and best practices from a biosecurity and terrorism perspective and to explore how such mass gathering events can best be planned to minimise any health risks. Many mass gatherings, especially international sporting events, are organised by what are effectively private sector companies and the relationship between the private and public sector partners is vitally important.

## | OBJECTIVES

- To share learning and experience from previous events
- To explore effective risk mitigation strategies
- To examine the health and political interface of mass gatherings, including private sector partners
- To explore how mass gatherings can be used to improve global health security capacity



Moderator

## Brian McCloskey

*Senior Consulting Fellow*

Chatham House  
United Kingdom

Dr Brian McCloskey was formerly the Director of Global Health for Public Health England, London, UK and now works as a Consultant in Global Health Security. He has worked in public health at local, regional, national and international level over a period of 25 years, including the UK's Health Protection Agency, with a remit for emergency planning and responsibility for cross government aspects of the agency's response to major emergencies. This included the HPA's response to the London bombings, Buncefield Oil Depot fire, the Litvinenko polonium poisoning, flooding incidents and pandemic flu. He also had the lead role in planning the public health services for the 2012 London Olympics. Brian has been working with WHO's Mass Gatherings Advisory Group since 2008, and headed up the Collaborating Centre on Mass Gatherings until 2017, working with mass gatherings such as the Hajj, the World Cup in South Africa as well as the London Olympics and recently Rio and Tokyo. Brian acted as PHE's National Incident Director for Ebola when it became a national incident in 2014 and was then seconded to work with the UN Special Envoy on Ebola, based in Geneva, until April 2015. Brian was a member of WHO's Review Committee on the Role of the International Health Regulations (2005) in the Ebola Outbreak and Response and a member of the Eastern Mediterranean Region's IHR Regional Assessment Commission. He has also been involved in the evolution of the Global Health Security Agenda, the development of the WHO Joint External Evaluation (JEE) of IHR capacity, and has participated in several JEE missions. Brian is a member of WHO's MERS, and Health Security Interface, Working Groups. Brian also works with the Chatham House Centre on Global Health Security on strengthening and coordination of R&D in outbreaks. Between 2015 and 2017, Brian was responsible for establishing the UK's Public Health Rapid Support Team for deployments in serious outbreaks globally. In the January 2013 New Year's Honours List, Brian was awarded a CBE for services to public health.



Panelist

## Koji Wada

*Medical Officer*

Bureau of International Health Cooperation, National Center for Global Health and Medicine  
Japan

Koji Wada MD, MSc, PhD Medical Officer, Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan Koji Wada has been working as a medical officer in the Bureau of International Health Cooperation, National Center for Global Health and Medicine, Japan since 2013. He has been also serving as the advisor for infectious diseases in the panel of ensuring security of Tokyo 2020 Olympic and Paralympic Games since 2015. He used to work as an associate professor in Department of Public Health of Kitasato University to conduct various research projects such as pandemic flu response funded by the Ministry of Health, Labour and Welfare, Japan. He had also served as the expert panel for pandemic flu in the Ministry of Health, Labour and Welfare from 2008 to 2015. Dr. Wada has numerous scientific publications, including authorship of risk assessment of infectious diseases for Tokyo 2020 Olympic and Paralympic Games. He has received several noteworthy awards by the Japan Medical Association, the Japanese Society of Public Health, and Japan Society of Occupational Health.



Panelist

## Lucille Blumberg

*Microbiologist*

National Institute for Communicable Diseases  
South Africa

BLUMBERG Lucille Hellen Prof National Institute for Communicable Diseases of the National Health Laboratory Service, South Africa MB BCH MMed (Micro) ID (SA) FFCM (RCPS, Glasgow) DTM&H DOH DCH Johannesburg South Africa Email: lucilleb@nicd.ac.za Professor Lucille Blumberg is a Deputy Director of the National Institute for Communicable Diseases, of the National Health Laboratory Service, and currently also medical consultant to the Centre for Emerging and Zoonotic Diseases for rabies and viral haemorrhagic fevers. She has specialist qualifications in clinical microbiology, travel medicine, and infectious diseases. Her special interests are in tropical diseases, travel medicine, malaria, the viral haemorrhagic fevers and rabies. She is a member of a number of South African expert groups on Ebola, rabies, malaria and serves on various WHO Advisory Groups. She established the Mass Gatherings Unit at NICD in 2009 to prepare for and respond to communicable diseases risks for the 2010 FIFA World Cup in South Africa.



Panelist

## Nakorn Prem Sri

*Director of Bureau of Epidemiology, Department of Disease Control*

Ministry of Public Health  
Thailand

Dr. Nakorn Prem Sri is currently the acting Director of Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health, Thailand, appointed in November 2017. He finished his medical degree from Faculty of Medicine, Chulalongkorn University, Thailand in 1993. He started his work in the Ministry of Public Health, by working at the district hospital as a director in 1993-1996. Then he moved to study in Field Epidemiology Training Program (FETP) at Division of Epidemiology, Thai-MOPH in 1996-1998. After graduated in his epidemiology training, he returned to his home town at Sakaew Crown Prince provincial Hospital to work as a chief of Social Medicine Department, which involved particularly in health promotion, disease prevention and control. In 2003, he move to work as a research investigator team member in the world largest HIV Vaccine Phase III trial (RV144, Thai Trial), conducted by the collaborations among Department of Disease Control, Mahidol University, Armed Force Research Institute of Medical Sciences (AFRIMS). This vaccine revealed the first ever efficacious HIV vaccine at 31.2% of its efficacy and provided the significant scientific knowledge for further HIV vaccine development that aiming for the licensure vaccine for the world. Having finished the vaccine trial, in 2009, Dr. Nakorn was assigned to be the Director of Principal Recipient Office (PR-DCC) which is the funding management office of the funding support from the Global Fund to Fight Against AIDS, TB and Malaria (GFATM). His work experiences in both HIV vaccine trial and PR-DDC provide him both research and public health program management skills esp infectious disease prevention and control program.



Panelist

## Paul Arbon

*Director of the Torrens Resilience Institute*

Flinders University  
Australia

Professor Arbon is a Matthew Flinders Distinguished Professor, Director of the Torrens Resilience Institute and the Flinders University WHO Collaborating Centre for Mass Gatherings and Global Health Security at Flinders University. The Torrens Resilience Institute was established in 2009 to improve the capacity of organisations and societies to respond to disruptive challenges that have the potential to overwhelm local disaster management capabilities and plans. Current research and development is focused on community and organisational resilience, mass gathering management and health security. The Institute hosts the City Security and Resilience Networks for Australia and Asia. Professor Arbon is former President of the World Association for Disaster and Emergency Medicine, a member the International Health Regulations Roster of Experts, Editorial Board Member of the disaster health journal Pre Hospital and Disaster Medicine and Fellow of the Australian College of Nursing and the American Academy of Nursing.



## Panelist

### Tina Endericks

*Director, WHO Collaborating Centre on Mass Gatherings and Global health Security*

Public Health England, London  
United Kingdom

Tina Endericks, Summary Bio Head of Global Health Security, Public Health England Director, WHO Collaborating Centre on Mass Gatherings and Global Health Security. This role includes: • Improving global health security and meeting responsibilities under the International Health Regulations and providing expert advice on global health security activities, including the Global Health Security Agenda. This included leading on behalf of the Department of Health the UK GHSA pilot assessment undertaken in June 2015; focusing on reviewing the pilot toolkit and identifying good practice in the UK which could be used to support other countries and supporting the WHO IHR (2005) Monitoring and Evaluation Framework. • Establishing UK Rapid Response Team (UK RRT) in partnership with an academic institution and working closely with WHO to ensure this fits with the reform, in particular Global Health Emergency Workforce and GOARN activities. • Leading and coordinating work to develop evidence base and provide guidance for the public health implications of mass gatherings. Supporting the WHO Collaborating Centre for Mass Gatherings network to build capacity and improve health at mass gatherings and ensure a positive health legacy from these events. Providing technical expertise and support to those planning mass gatherings, including Brazil, Russia, Burma, Turkmenistan, Equatorial Guinea and Iraq. A key part of this work is to undertake preparedness assessments, improving host country public health systems and IHR compliance and to build global public health capacity. • Contributing and supporting PHEs emergency preparedness, resilience and response (EPRR) capabilities. Included PHE Incident Manager for Ebola, establishing UK port of entry screening programme in October 2014. Variety of roles during H1N1 2009, flooding and Buncefield oil depot fire incidents. Programme Director for London 2012 Olympic and Paralympic Preparedness, Health Protection Agency (became PHE in April 2013). Responsible for delivery of health protection activities for London 2012 through the strategic cross organisation Olympic Programme to ensure a robust health protection service for the London Olympic and Paralympic Games in 2012. This incorporated; public health surveillance and response, diagnostics, emergency response, testing and exercising and corporate services such as workforce planning, finance, day to day working plus the additional Olympic security and safety aspects (CBRNe) Children's Health Programme Manager, Health Protection Agency. Coordinating children's health work across the Agency delivering specific children's health projects. Including delivery of a hand washing resource pack for primary schools to reduce absenteeism and the UK Government Children's Environment and Health Action Plan for Europe. Publications The rise of Zika infection and microcephaly: what can we learn from a public health emergency? McCloskey B1, Endericks T2. Public Health. 2017 Sep;150:87-92 Public health for mass gatherings: key considerations / edited by Endericks, T ... [et al]. WHO. ISBN 978 92 4 156493 9 (NLM classification: HM 871) London 2012 Olympic and Paralympic Games: public health surveillance and epidemiology. McCloskey, Brian, Endericks Tina et al. The Lancet , Volume 383 , Issue 9934 , 2083 - 2089 Learning from London 2012 - A Practical Guide to Public Health and Mass Gatherings. Brian McCloskey, Tina Endericks, HPA London WHO Collaborating Centre, March 2013 London 2012 Olympic and Paralympic Games - Summary Report of the Health Protection Agency's Games Time Activities; Tina Endericks, Dr Brian McCloskey; HPA London January 2012 Children's Environment and Health Action Plan; a summary of current activities which address children's environment and health issues within the UK. Health Protection Agency, 2007. Health protection in the 21st Century; understanding the Burden of Disease; preparing for the future. Health Protection Agency. 2005.



