

ANNUAL MEETINGNovember 20–24, 2019 | astmh.org | ajtmh.org | [#TropMed19](https://twitter.com/TropMed19)

GAYLORD NATIONAL RESORT AND CONVENTION CENTER | NATIONAL HARBOR, MD, USA

ASTMH is an international society committed to equity and global impact in the treatment and prevention of tropical infectious diseases. Our diverse membership comes from more than 115 countries... we are committed to an exchange of ideas, freedom of thought and expression, and productive scientific debate... open and diverse environment that is built on dignity and mutual respect for all... discrimination based on personal attributes including, but not limited to ethnicity, color, national origin, age, religion, socioeconomic status, disability, sexual orientation, gender, and gender identity or expression. ASTMH is an international society committed to equity and global impact through the treatment and prevention of tropical infectious diseases. Our diverse membership comes from more than 115 countries... we are committed to the open exchange of ideas, freedom of thought and expression, and productive scientific debate... open and diverse environment that is built on dignity and mutual respect for all... free of discrimination based on personal attributes including, but not limited to ethnicity, color, national origin, age, religion, socioeconomic status, disability, sexual orientation, gender, and gender identity or expression. ASTMH is an international society committed to equity and global impact through the treatment and prevention of tropical infectious diseases. Our diverse membership comes from more than 115 countries... we are committed to the open exchange of ideas, freedom of thought and expression, and productive scientific debate... open and diverse environment that is built on dignity and mutual respect for all... free of discrimination based on personal attributes including, but not limited to ethnicity, color, national origin, age, religion, socioeconomic status, disability, sexual orientation, gender, and gender identity or expression.

ASTMH Committee on Global Health Pre-Meeting Course:

Field Applications for Stopping Infectious Disease Threats at International Points of Entry

Wednesday, November 20, 2019; 7:30 a.m. – 4:15 p.m.

Gaylord National Resort and Convention Center, National Harbor, Maryland, USA

The Ebola outbreak that originated in Guinea in December 2013 and spread to Liberia, Sierra Leone, Senegal, Mali and Nigeria, with sporadic cases in other countries outside of Africa, was due in part to a failure to adequately implement aspects of the International Health Regulations 2005 (IHR), which urges countries to promptly detect and respond to infectious disease threats at international points of entry (PoE). Public health emergency preparedness at international ground crossings, airports and seaports requires a well-coordinated effort among public and private service providers and operators, public health officials, law enforcement and border control units, and local healthcare facilities. The pace and connectedness of international air travel and transportation today represents an unprecedented global public health risk. Workforce development, multisectoral planning and exercise activities for communicable disease preparedness at international airports, based on the IHR and guidelines from the International Civil Aviation Organization (ICAO), have been a priority for the U.S. Centers for Disease Control and Prevention (CDC) as a component of the Global Health Security Agenda. This workshop will provide attendees an opportunity to understand the challenges faced by national authorities and international response organizations by providing a theoretical framework for implementation of the IHR at international PoE, as well as by providing practical experience through facilitated discussions and exercises. Participants can expect to be able to begin developing global health-related competencies that are essential to respond to public health events that impact travel across international borders.

At the end of the activity, participants will be able to:

- Understand the tenets of the International Health Regulations (2005) - 3rd edition, 2016;
- Describe how IHR and other relevant health regulations and agreements (e.g., Global Health Security Agenda) relate to daily work of public health professionals posted at PoE;
- Identify the capacities that must be in place at PoE in order to prevent, detect and respond to infectious diseases;
- Analyze the decision-making process on implementing health measures that are commensurate with the risk, avoiding unnecessary interference with international traffic and trade;
- Discuss measures and tools that may be used at PoE to meet the objectives of the IHR;
- Consider the lessons learned and discuss strengths and limitations of tools used at PoE; and
- Develop and demonstrate mastery of skills-based competency by participating in a table-top exercise.

Course Co-Chairs

Clive Brown, BSc, Dip Ed, MBBS, MPH, MSc, DTMH, Chief, Quarantine and Border Health Services Branch, Centers for Disease Control and Prevention, Atlanta, Georgia, USA

Miguel Reina Ortiz, MD, PhD, MS, MPH, Assistant Professor, Department of Global Health, University of South Florida, Tampa, Florida, USA

7:30 a.m. Light Continental Breakfast

8 a.m. **Introduction of Topics and Logistics**

8:15 a.m. **Welcome and Introductory Remarks / Keynote Address**

The West Africa Ebola Outbreak (2014): Need for Cross-Border Health Protection & Point-of-Entry Risk Mitigation Readiness

Martin Cetron, MD, FASTMH, Director, Division of Global Migration and Quarantine, Centers for Disease Control and Prevention, Atlanta, Georgia, USA

In the Trenches: How Clinicians and Health Centers Work with Public Health to Prepare for Biothreats

Edward T. Ryan MD, FASTMH, Director, Global Infectious Diseases; Division of Infectious Diseases, Massachusetts General Hospital; Professor of Medicine, Harvard Medical School; Professor of Immunology and Infectious Diseases, Harvard T.H. Chan School of Public Health, Boston, Massachusetts, USA

9:30 a.m. **Diplomatic Efforts & Risk Mitigation: The Role of the Global Health Security Agenda (GHSA), International Health Regulations & Other International Health Agreements**

Vikas Kapil, DO, MPH, Associate Director for Science; Chief Medical Officer, Center for Global Health, Centers for Disease Control and Prevention, Atlanta, Georgia, USA

10 a.m. **International Health Regulations: An Overview and Its Relevance to Point of Entry Risk Mitigation**

Ninglan Wang, MD, MSc, MA, Team Lead, Transport (Points of Entry), Tourism and Mass Gatherings, Country Health Emergency Preparedness and IHR (CPI), Health Emergencies Programme (WHE), World Health Organization, Lyon, France

10:30 am Coffee Break

10:45 a.m. **Panel Discussion: Risk Mitigation from the Perspectives of the Aviation Industry, Its Regulatory Bodies and Public Health Organizations**

Kris Belland, DO, MPH, MBA, MSS, FAsMA, Chief Medical Officer, American Airlines, Medical Director, Premise Health, Keller, Texas, USA

Matthew Crosman, Deputy Airport Operations Manager, Dulles International Airport, Metropolitan Washington Airport Authority, Washington, DC, USA

Johanna (Ansa) Jordaan, MBChB, DOMH, BSc (Hons) Aerospace Medicine, Chief, Aviation Medicine Section, International Civil Aviation Organization, Montreal, Canada

Alex Naar, MS, JD, Certified Emergency Manager, Emergency Management Specialist, Federal Aviation Administration, Preparedness and Response Division, Office of National Security Programs and Incident Response, Department of Transportation, Washington, DC, USA

George Samiotis, Director, Office of Border and Travel Health, Health Security Infrastructure Branch, Public Health Agency of Canada/Government of Canada, Canada

11:15 a.m. **Questions and Answers**

11:30 a.m. **Point-of-Entry Risk Mitigation Training: Application of Adult Learning Theories from the World Health Organization and Centers for Disease Control and Prevention**

Ninglan Wang, MD, MSc, MA

Yolanda V. Bayugo, MD, Technical Officer, Learning Solutions and Training (LST), Country Health Emergency Preparedness and IHR (CPI), Health Emergencies Programme (WHE), Lyon, France

Morenike Alex-Okoh, MBBS, MPH, FMCPH, Director, Port Health Services, Federal Ministry of Health, Nigeria

Kimberly Singler, DrPH, CPH, Health Scientist and Training Specialist, Centers for Disease Control and Prevention, Division of Global Migration and Quarantine, Atlanta, Georgia, USA

Clive Brown, BSc, Dip Ed, MBBS, MPH, MSc, DTMH

12:45 p.m. Lunch (on your own)

1:45 p.m. **Point-of-Entry Risk Mitigation Training Workshop & Tabletop Exercise – Part I (Scenario-based exercise)**

Faculty

2:45 p.m. Break

3 p.m. **Point-of-Entry Risk Mitigation Training Workshop & Tabletop Exercise – Part II (Scenario-based exercise)**

Faculty

4 p.m. **Concluding remarks**

4:15 p.m. Course Adjourns