



AMERICAN SOCIETY OF TROPICAL MEDICINE & HYGIENE
ADVANCING GLOBAL HEALTH SINCE 1903

SIXTY-SIXTH
ANNUAL MEETING
November 5–9, 2017

The Baltimore Convention Center
Baltimore, Maryland USA

Pre-Meeting Courses & Schedule-at-a-Glance



astmh.org
ajtmh.org
#TropMed17





Registration will
open June 15.



Four unique Pre-Meeting Courses will be offered on Saturday, November 4 and Sunday, November 5.

- Migrant Health: Addressing Health Disparities — A Guide for the Practitioner
- Clinical Presentation and Management of Arboviral Diseases: Lessons from the Bedside for Researchers at the Bench or in the Bush
- The Economics of Health and Disease: Making the Case for Global Health Spending
- Single Cell Biology for Parasitologists

The Annual Meeting will be held Sunday, November 5 through Thursday, November 9, 2017 at the Baltimore Convention Center and Hilton Baltimore, Baltimore, MD USA.

Pre-Meeting Courses*

CLINICAL PRE-MEETING COURSE

Saturday, November 4, 1 p.m. – 5 p.m. | Sunday, November 5, 7 a.m. – 3:45 p.m.

Migrant Health: Addressing Health Disparities – A Guide for the Practitioner

This course offers a comprehensive examination of the health disparities and unique health needs of diverse migrant populations, the systems designed to respond to them, and the skills needed by their healthcare providers. We will review the changes in migration over time and the value migrants bring to our societies. Various national screening strategies will be reviewed along with some disease-specific programs. Recent experiences in managing surges in migration will be presented. Cultural competence skills and their integral role in migrant care will be presented and illustrated through clinical cases. These topics will be presented by well-recognized faculty with a global perspective. The target audience includes any clinician who cares for migrants, would like to develop a deeper understanding of the broad context of migrant health, and expand their knowledge of conditions and skills needed to provide optimal care for this population.

ARBOVIROLOGY PRE-MEETING COURSE

Sunday, November 5, 7 a.m. – 3:15 p.m.

Clinical Presentation and Management of Arboviral Diseases: Lessons from the Bedside for Researchers at the Bench or in the Bush

Facing ongoing global arbovirus outbreaks in people and animals, the American Committee on Arbovirology (ACAV) Pre-Meeting Course will educate arbovirology researchers from the laboratory and field on clinical arbovirus disease. Participants will learn the clinical presentations of pathogenic arboviruses of humans and animals, how to diagnose and treat infections, and current progress on arbovirus therapeutics and vaccines in development. The course will focus on flaviviruses including Zika virus, alphaviruses and bunyaviruses that cause arthralgic, hemorrhagic or encephalitic disease.



Pre-Meeting Courses (cont.)

GLOBAL HEALTH PRE-MEETING COURSE

Sunday, November 5, 8 a.m. – 3:30 p.m.

The Economics of Health and Disease: Making the Case for Global Health Spending

Economics and health are inextricably intertwined. Income level, the distribution of income, social status, location and other social attributes have a critical impact on health and wellbeing for an individual and on population health. At the same time, health status enhances or limits an individual's and a nation's prospects for economic and human development. Disease and disability impose a grave economic burden, particularly on poor people and poor populations.

Economics also plays a critical role in determining which health interventions will be implemented. Governments and donors generally require evidence of the preponderance of economic benefits over costs before they will implement programs for prevention or treatment.

This course aims to answer questions that healthcare professionals may have about economic evaluations of health interventions. It includes an overview of the economic burden of disease. Topics include:

- how an economic study is framed
- examples of economic studies
- the type of data health economists need to evaluate and defend expenditures
- how healthcare professionals can gather data needed for economic evaluation of their projects
- how to utilize economic data to promote global health at the local, national and international level

“The conference helped us to build a policy for NTD control in Vietnam.”

~ 2016 Attendee

About ASTMH

The American Society Of Tropical Medicine and Hygiene, founded in 1903, is the largest international scientific organization of experts dedicated to reducing the worldwide burden of tropical infectious diseases and improving global health. We accomplish this through generating and sharing scientific evidence, informing health policies and practices, fostering career development, recognizing excellence, and advocating for investment in tropical medicine/global health research.

ASTMH is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Join ASTMH



Pre-Meeting Courses (cont.)

PARASITOLOGY PRE-MEETING COURSE

Sunday, November 5, 7 a.m. – 4 p.m.

Single Cell Biology for Parasitologists

From transmission to pathology and treatment, parasitic diseases are the complex result of the actions of individual cells, of groups of cells or organs, and of whole organisms. Technological limitations have largely confined most research to examining bulk populations of host, parasite or vector cells. This has obscured much important biology happening at the single cell level. There have been remarkable advances in the ability to identify, capture and analyze individual cells from their environment that are enabling research at a finer scale than previously feasible. This course will introduce the emerging tools that are being used to dissect the biology of single cells. We will focus on four main areas: I) identification, marking and capture of single cells; II) 'omics approaches for single cell biology; III) data analysis for single cell biology, and; IV) the scale and cost of single cell analysis. The course will draw from aspects of host, vector and parasite biology.

**Please note that speakers and/or speaker order are subject to change.*

HOUSING SCAM ALERT! Unauthorized third parties are contacting previous Annual Meeting attendees and offering discounted hotel rooms for the ASTMH 2017 Annual Meeting. These solicitations ask for credit card information and have resulted in fraudulent charges. If you have been approached by anyone offering a special hotel rate for the ASTMH Meeting, please contact info@astmh.org.

Hotel Information

The Baltimore Convention Center and Hilton Baltimore will be the sites for Annual Meeting activities.

For reservations:

Hilton Baltimore

Reservations +1-443-573-8700

Mention that you are an ASTMH attendee to receive the conference rate of \$238 single or double plus all applicable taxes.

Baltimore Marriott Inner Harbor at Camden Yards

Toll-Free Reservations +1-800-228-9290 or make your reservations [online](#).

Mention that you are an ASTMH attendee to receive the conference rate of \$236/night, single or double plus all applicable taxes.

Sheraton Inner Harbor

Reservations +1-410-347-1849

Mention that you are an ASTMH attendee to receive the conference rate of \$234/night, single or double plus all applicable taxes.

ASTMH has also reserved a limited number of rooms at the current government rate. This is a large meeting and hotel rooms go fast. We encourage you to make your hotel reservation early.

Make a Reservation



Schedule At-A-Glance

SATURDAY, NOVEMBER 4

- Clinical Pre-Meeting Course

SUNDAY, NOVEMBER 5

- Arbovirology Pre-Meeting Course
- Clinical Pre-Meeting Course
- Global Health Pre-Meeting Course
- Parasitology Pre-Meeting Course
- Elsevier Clinical Research Award Presentations
- Exhibits
- Young Investigator Award Presentations
- Opening Plenary Session
- Awards Program
- Opening Reception

MONDAY, NOVEMBER 6

- Scientific Sessions
- Symposia
- Poster Session
- Exhibits
- Meet the Professors
- Fred L. Soper

TUESDAY, NOVEMBER 7

- Scientific Sessions
- Symposia
- Poster Session
- Exhibits
- Meet the Professors
- Commemorative Fund Lecture

WEDNESDAY, NOVEMBER 8

- Scientific Sessions
- Symposia
- Poster Session
- Exhibits
- Meet the Professors
- President's Address and Annual Business Meeting

THURSDAY, NOVEMBER 9

- Scientific Sessions
- Symposia
- Plenary Session

“A place to establish networks, new connections, witness groundbreaking research and appreciate scientific challenges.”

~ 2016 Attendee