



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

SIXTY-SEVENTH

ANNUAL MEETING

Sheraton New Orleans and New Orleans Marriott | New Orleans, LA USA

October 28 – November 1, 2018

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

“There will be epidemics...”

EBOLA: WORLD GOES ON RED ALERT

-2014

Six Dead, 17 Sick From
Drug-Resistant TB

-2017

Spread of Spanish Flu Menaces War Production

-1918

Charity to Help Fight
Malaria in Africa

-2010

Ebola Out of Control

-2014

Success in Tests of Yellow
Fever Serum Reported

-1932

**Dengue Dengue
EVERYWHERE**

-2017

ASTMH Annual Meeting
Canceled Due to
Spanish Flu Outbreak

-1918

**FDA Busts Fake
Malaria Medicines**

-2013

African Countries to Plot New Malaria Vaccine

-2017

**ZIKA THREAT
ON OUR
DOORSTEP**

-2016

An American
Plague:
Yellow Fever
Epidemic of 1793

-2005

Island Declares State of Emergency
Over Zika Virus, Dengue Fever Outbreak

-2016

**Brace for
Dengue**

-2017

Zika Spreads Worldwide

-2016

**DIPHTHERIA:
Why Is It Back?**

-2017

New Hope
for AIDS Drug

-1996

Malaria Cases
on the Rise
in Last 3 Years

-2016

**QUARANTINE WANTED
as Yellow Fever Spreads**

-1878

Officials: Texas Sees Growing
Number of Typhus Cases

-2017

Death Toll Growing as Influenza
Claims Many Score Victims

-1918

Been to an Ebola-affected country?
Stay away from ASTMH meeting, Louisiana says

-2014

**Cholera Epidemic
in Yemen Now
Affects One
Million People**

-2017

**Panic as
1,500
Die of
Malaria**

-1888

ANNUAL MEETING



**Registration will open
June 18.**



**“A scientific event not
to miss. It was worth
the 17-hour flight.”**

2017 Attendee



#TropMed18

FOUR UNIQUE PRE-MEETING COURSES WILL BE OFFERED ON SATURDAY, OCTOBER 27 AND SUNDAY, OCTOBER 28.

- Tropical Dermatology (Clinical Group)
- Big Data and Genomics – A Practical Workshop on Sequence Analysis in Parasitology (Parasitology)
- The Global Health Impact of Urbanization and Megacities – Trends, Risk Management and Research Needs (Global Health)
- Vector-Borne Disease Risk and Prevention for the Clinician (Medical Entomology)

The Annual Meeting will be held Sunday, October 28 through Thursday, November 1, 2018 at the Sheraton New Orleans and New Orleans Marriott, New Orleans, LA USA.

CLINICAL PRE-MEETING COURSE – Tropical Dermatology

Saturday, October 27, Noon – 5 p.m. | Sunday, October 28, 7 a.m. – 4 p.m.

This 1.5-day course offers an overview of Tropical Dermatology, an essential component of tropical medicine. The course is designed for clinicians who are already familiar with clinical tropical medicine, either from working in tropical environments or from seeing patients returning from the tropics. Saturday's session is devoted to cutaneous leishmaniasis (the latest in the rapidly changing epidemiology, diagnosis and management). Skin conditions will be reviewed from the standpoint of diagnosing and treating individual patients – and from managing skin diseases on a population basis. This course will use several didactic methods, including lectures, lively Jeopardy-style presentations, panel discussions, hands-on practice with methods to treat cutaneous leishmaniasis, and opportunities to view pathogens and skin diseases under microscopy. The target audience includes clinicians who want to develop a deeper understanding of cutaneous leishmaniasis and other skin diseases found in the tropics and expand their knowledge and skills needed to provide optimal care for this population.

PARASITOLOGY PRE-MEETING COURSE – Big Data and Genomics – A Practical Workshop on Sequence Analysis in Parasitology

Sunday, October 28, 7 a.m. – 5 p.m.

As the cost of genome sequencing has dropped, its applications to parasitology and tropical medicine have rapidly expanded. Identifying emerging pathogens and tracking their spread, understanding the origins and impact of drug resistance, investigating parasite population structures and how they are affected by disease elimination campaigns, carrying out fundamental studies of parasite cellular biology, tracing the evolution of the immune response to parasites – these are all fields where genomics and associated big data disciplines are becoming increasingly important. However, while generating sequence data has become increasingly easy, the tools needed to analyze and interpret these data can appear intimidating and change rapidly, making it difficult to gain experience.



ANNUAL MEETING



PRE-MEETING COURSES (CONT'D)

This practical, hands-on workshop will introduce participants to publicly available sequence analysis tools. Using parasite genome and/or RNAseq data obtained from actual field or laboratory experiments, participants will learn analytical methods and workflows used to extract meaningful biological, evolutionary and/or epidemiological insights. Through live exercises led by experts in the field, participants will learn how to retrieve data from sequence repositories, run them through preconfigured or customized workflows, and visualize and explore the data using web-based tools. These exercises will be augmented with short, didactic presentations on the theory and application of sequencing tools to parasitology research. Overall, the workshop will be interactive, interdisciplinary and provide participants with relevant tools and expertise to apply in their own research. Given the strong emphasis on hands-on learning, and the need to access web-based tools, participants will need to bring their own laptops if at all possible, as we cannot guarantee availability of computers for all participants.

GLOBAL HEALTH PRE-MEETING COURSE – The Global Health Impact of Urbanization and Megacities – Trends, Risk Management and Research Needs

Sunday, October 28, 7:15 a.m. – 4 p.m.

This course will explore the changing worldwide landscape and global health risks with the exponential increase in urban population growth. More than half of the world's population live in urban areas and roughly one in three urban inhabitants now live in slums or other type of informal settlements. By 2050, the world's urban population will nearly double to 6.3 billion. As urban growth continues, the impact on natural resources and public health risks will grow, compounded by climate change. Air pollution, lack of sanitation and clean water (or any water) will detrimentally impact urban populations. In addition, economic fragility and poor access to healthcare, lack of infrastructure and vulnerability to floods, earthquakes, droughts and other human-made and natural disasters increase health risks. Half of the global population lives in areas with *Aedes aegypti* mosquitoes, which are adapted to the urban landscape and are the vector for yellow fever, dengue, chikungunya and Zika viruses. Beyond vector-borne diseases, the lack of barriers between animals, vectors, the environment and water supply increases the risk of other diseases such as leptospirosis, Ebola and plague. We urgently need to be prepared for new microbial transmission pathways in the urban environment that affect human health. This course will bring together experts to discuss how to manage risks that the world will face as cities continue to grow and will attempt to answer the following questions:

- What are the drivers for urbanization that lead to increased risk of human exposure – and what are potentially successful mitigation methods?

Join ASTMH

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.



ANNUAL MEETING



PRE-MEETING COURSES (CONT'D)

- What is the current state of affairs in urban planning to mitigate health risks?
- How can the urban environment improve access to safe water and reduce exposure to air pollution?
- How can health assessments and health equity be improved in slums?
- How can accurate and timely data be captured that will describe urban disease transmission that will allow targeted interventions?
- What increases the risk of transmission of infectious diseases within, into and out of urban centers via animals and vectors, and what are the research gaps and successes for decreasing transmission?
- What global initiatives offer guidance and approaches to shape health-promoting urban settings to decrease infectious disease transmission?

MEDICAL ENTOMOLOGY PRE-MEETING COURSE – Vector-Borne Disease Risk and Prevention for the Clinician

Sunday, October 28, 7:30 a.m. – 4 p.m.

Blood-sucking insects and ticks transmit some of the most devastating, yet in many cases preventable human diseases including malaria, dengue, chikungunya, Zika, Lyme disease, leishmaniasis and Chagas disease. In this course, we will review the basic biology of major arthropod vectors; discuss the geographic and behavioral risks posed by vector-borne diseases; and present preventive options, including personal protection and environmental control methods. The course is designed to help medical professionals advise their patients about the risks and prevention measures against biting insects and ticks.

HOUSING SCAM ALERT!

Unauthorized third parties are contacting previous Annual Meeting attendees and offering discounted hotel rooms for the ASTMH 2018 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 Sheraton New Orleans and New Orleans Marriott are the sites for Annual Meeting activities.

FOR RESERVATIONS:

New Orleans Marriott

Reservations + 1-888-364-1200 or [online](#)

Mention that you are an ASTMH attendee to receive the conference rate of \$249/night single or double plus all applicable taxes.

Sheraton New Orleans

Reservations +1-504-525-2500 or [online](#)

Mention that you are an ASTMH attendee to receive the conference rate of \$249/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.



ANNUAL MEETING



SCHEDULE AT-A-GLANCE

SATURDAY, OCTOBER 27

- Certificate of Knowledge in Clinical Tropical Medicine and Travelers' Health - CTropMed® Examination
- Clinical Pre-Meeting Course

SUNDAY, OCTOBER 28

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

MONDAY, OCTOBER 29

- Scientific Sessions
- Symposia
- Meet the Professors
- Charles Franklin Craig Lecture
- Exhibits
- Poster Session

TUESDAY, OCTOBER 30

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

WEDNESDAY, OCTOBER 31

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

THURSDAY, NOVEMBER 1

- Scientific Sessions
- Symposia
- Exhibits

“ASTMH is the No. 1 platform to bring scientific people together from every continent and corner of the world to share knowledge and facilitate the implementation of public health policies for improvement of global health.”

~ 2017 Attendee

