

PRE-MEETING COURSES AT THE
2020 ANNUAL MEETING
NOVEMBER 15–19 | VIRTUAL MEETING



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FOUR UNIQUE PRE-MEETING COURSES LEAD UP TO #TROPMED2020

- ▶ **Where Flatworms Roam: Controversies and Updates in Management of Neurocysticercosis and Echinococcus** (Clinical Group)

Wednesday, November 12, 2020; 9 a.m. – 4:30 p.m. EST

Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100

- ▶ **Modeling for Disease Outbreaks – Practical Approaches to Understanding and Using Models** (Global Health)

Wednesday, November 12, 2020; 9 a.m. – 4:30 p.m. EST

Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100

- ▶ **Vector-Borne Disease Risk and Prevention for the Clinician** (Medical Entomology)

Thursday, November 13, 2020; 9 a.m. – 4:15 p.m. EST

Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100

- ▶ **The Science and Business of Vaccines Against Tropical Parasitic Diseases in the COVID19 Era** (Parasitology)

Friday, November 14, 2020; 7:45 a.m. – 4:30 p.m. EST

Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100



Photo by Jimena Mateo

Christiana Figueres
2020 ASTMH Virtual Annual Meeting
Keynote Speaker

All Pre-Meeting Courses will be pre-recorded for those who can't attend on the specific day and some of the courses will be live as today's current events require information to be timely and newsworthy.

Society subgroups provide unique forums for members to engage in core scientific, educational, advocacy and policy issues related to a specific expertise with fellow stakeholders of similar interests. Benefits of becoming a subgroup member include receiving networking information, Pre-Meeting Course attendance and access to Annual Meeting symposia planned to enhance career development.

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.



**See you virtually
in November!**

Not able to attend? View later.

Registered attendees will have access to the 2020 Annual Meeting virtual platform until November 1, 2021.

**20% SAVINGS
OVER THE
2019 RATES**

ASTMH respects the privacy of those who visit our website and correspond electronically with us. We are committed to keeping your email address confidential.

We do not sell, rent or lease to third parties the emails of our members, donors, Annual Meeting attendees or anyone else with whom we conduct business.

We do provide the mailing addresses of Annual Meeting registrants who do not opt out of having their names shared with Annual Meeting exhibitors and sponsors.

For more information, please visit the **ASTMH privacy policy** online.

CLINICAL PRE-MEETING COURSE

(All times are in Eastern Standard Time)

Where Flatworms Roam: Controversies and Updates in Management of Neurocysticercosis and Echinococcus

Tuesday, November 10, 7:45 a.m. – 4 p.m. EST.

**Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100**

REGISTER ONLINE TODAY!

This one-day session will go beyond the basics of the diagnosis, imaging and management of both cestodes and larval cestodes. Expert speakers will present updates and explore controversies in diagnosis and management, unusual manifestations and imaging challenges. Imaging presentations will focus on understanding the differential diagnosis of suspicious lesions. Uncommon cestode infections also will be discussed, including alveolar hydatidosis, sparganosis and coenurosis. Sessions will be highly interactive with opportunities for active audience participation and discussion with the experts.

GLOBAL HEALTH PRE-MEETING COURSE

Modeling for Disease Outbreaks – Practical Approaches to Understanding and Using Models

Wednesday, November 11, 9 a.m. – 4:30 p.m. EST.

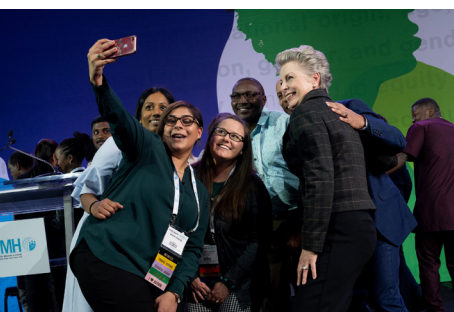
**Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100**

REGISTER ONLINE TODAY!

The COVID-19 outbreak has demonstrated to the world again how rapidly a disease can move through populations, spread exponentially in numbers and locations, and impact human health, transportation, economies, and other important and significant aspects of life. The ability to plan and implement an effective response depends on predicting as accurately as possible who, where, how many and when cases will occur, with limited information and under a range of assumptions. With this knowledge, responders can allocate resources to maximum benefit, and enact the best preventive, containment and mitigation measures. This prediction requires accurate data, an understanding of pathogen transmission dynamics, the context in which the disease is transmitted, and a range of mathematical modeling methods. Modeling is an essential tool in the study of infectious disease epidemiology which allows informed policymaking, nowcasting and forecasting of epidemics, and real-time risk assessments. COVID-19 has clearly demonstrated how model implementation is a multi-disciplinary effort best grounded in a thorough understanding of the principles and limits of communicable disease models. This Pre-Meeting Course will provide instruction to first-time or introductory modelers in 1) key concepts of infectious disease modeling; 2) understanding the strengths and limitations of modeling in order to critically review modeling results; 3) provide a list of resources including modelers and open source modeling programs; and 4) a practical session to provide hands-on experience implementing, running and using models.

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

- ▶ Understand the principles underlying infectious disease modeling;
- ▶ Describe dynamics in pathogen transmission;
- ▶ Identify necessary data elements for accurate disease modeling;
- ▶ Analyze different models and their outputs and understand limitations;
- ▶ Consider different resources and programs when determining the most appropriate modeling approach; and
- ▶ Develop and demonstrate mastery of basic modeling using a simulated example.



ASTMH Inclusion/Respect Statement

The 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 and engages with an enormous array of infectious diseases, cultures, ethnicities, and countries. We come from academia, research institutes, implementation programs, industry, multilateral organizations, foundations, and governments, gathering annually to exchange data, share learning, and honor contributions from the field and the lab.

As a Society, we are committed to the open exchange of ideas, freedom of thought and expression, and productive scientific debate that are central to our mission. These require an open and diverse environment that is built on dignity and mutual respect for all members, participants, and staff, 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. We affirm the key principles of inclusion, diversity, and respect for all people. In a world of rich diversity, the advancement of science depends on the intellectual breadth and depth of a diverse ASTMH, one that informs and enriches the shape and content of scientific discourse. These principles guide the actions of ASTMH's leaders, members, and staff in advancing the goals of the Society.

MEDICAL ENTOMOLOGY PRE-MEETING COURSE

Vector-Borne Disease Risk and Prevention for the Clinician

Thursday, November 12, 9 a.m. – 4:15 p.m. EST.

**Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100**

REGISTER ONLINE TODAY!

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 review 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.

PARASITOLOGY PRE-MEETING COURSE

The Science and Business of Vaccines Against Tropical Parasitic Diseases in the COVID-19 Era

Friday, November 13, 7:45 a.m. – 4:30 p.m. EST.

**Members: \$210; Non-members \$390; Student members \$100;
Student non-member \$120; LMIC Members or Non-members \$100**

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There is no vaccine for a human parasitic infection that has marketing authorization (licensure) anywhere in the world. However, we are on the verge of licensed vaccines for malaria, and are making enormous progress for diseases caused by other protozoans like leishmaniasis and helminths like hookworm. A distinguished international faculty from the biotechnology industry, the government, and academia will communicate their experience and insights regarding how to approach successful development of vaccines against parasites, including identification of the immunological mechanisms of protection and the antigenic targets of protective humoral and cellular immune responses, the construction of vaccine delivery systems (recombinant proteins, recombinant viruses, nucleotide (eg. mRNA), and whole wild type and genetically altered parasites) and achieving regulatory approval for conducting phase 1-3 clinical trials and translating from the laboratory to the clinic to assess safety and vaccine efficacy in the era of COVID-19.

[t](#) **ASTMH Retweeted**

Be it virtual but happy that the abstract has been accepted at [@ASTMH](#) annual meeting. Looking forward to the event. Good news pouring at professional front in this time of uncertainty.
[#BlessedAndThankful](#)

***See you virtually
in November!***