



SIXTY-EIGHTH

ANNUAL MEETING

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

GAYLORD NATIONAL RESORT AND CONVENTION CENTER

NATIONAL HARBOR, MARYLAND, USA

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**, **sex**, **orientation**, **gender**, and **gender identity or expression**.

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MEETING & REGISTRATION INFORMATION



ANNUAL MEETING

Dear Colleagues:

I am pleased to invite you to the 2019 ASTMH Annual Meeting in National Harbor (adjacent to Washington, DC). Please note that this year's meeting opens Wednesday, November 20 and closes Sunday, November 24.

Our opening keynote will be Dr. Abhay Bang and Dr. Rani Bang, whose work has transformed women and children's healthcare in India and has been replicated in 10 countries. On Friday, NIH Director Dr. Francis Collins will present a special mid-day session geared toward trainees. Peace Corps Director Dr. Josephine (Jody) Olsen will present a plenary on Sunday, and best-selling authors Richard Preston and Douglas Preston will be our guests for the Tropical Bookshelf session. Schedules will be available later this fall.

In addition, the Walter Reed Army Institute of Research (WRAIR) insectary, which rears the insects used to study disease vectors and pathogens, will be on display to attendees. All of this in addition to the world-class research findings, clinical updates, and important topical discussions you've come to expect from the world's top tropmed and global health leaders. Plus, #TropMed19 is a great venue to catch up with colleagues, discuss recent findings or next projects, and reinforce your circle of collaborators, mentors and friends.

We look forward to seeing you there.

Estimados colegas:

Me complace invitarlos a la Reunión Anual 2019 de ASTMH en National Harbor (próximo a Washington, DC). La reunión de este año comienza el miércoles 20 de noviembre y termina el domingo 24 de noviembre.

Nuestro discurso de apertura estará a cargo del Dr. Abhay Bang y de la Dra. Rani Bang, cuyo trabajo ha transformado la atención médica de mujeres y niños en la India y se ha reproducido en 10 países. El viernes, el Director del NIH, el Dr. Francis Collins, presentará una sesión especial de medio día dirigida a las personas en capacitación. La directora del Cuerpo de Paz, la Dra. Josephine (Jody) Olsen, presentará una sesión plenaria el domingo, y los autores más vendidos, Richard Preston y Douglas Preston, serán nuestros invitados a la sesión de Tropical Bookshelf. Los horarios estarán disponibles a finales de este otoño.

Además, el insectario de Walter Reed Army Institute of Research (WRAIR), que cría los insectos utilizados para estudiar vectores de enfermedades y patógenos, se exhibirá para los asistentes. Todo esto, además de los hallazgos de investigación de clase mundial, las actualizaciones clínicas y las importantes discusiones temáticas que se esperan de los principales líderes mundiales y de la salud mundial. Además, #TropMed19 es un gran lugar para reunirse con colegas, tratar hallazgos recientes o próximos proyectos, y reforzar su círculo de colaboradores, mentores y amigos.

Esperamos verlo ahí.

Chers/chères collègues,

J'ai le plaisir de vous inviter à l'assemblée annuelle 2019 de l'ASTMH (Société américaine de médecine tropicale et d'hygiène) à National Harbor (dans une banlieue de Washington, DC). Veuillez noter que la réunion de cette année débutera le mercredi 20 novembre et s'achèvera le dimanche 24 novembre.

Notre discours d'ouverture sera prononcé par les docteurs Abhay Bang et Rani Bang, dont le travail a transformé les services de soins de santé aux femmes et aux enfants en Inde et a été reproduit dans 10 pays. Vendredi, le directeur de l'Institut National de la Santé américain (NIH) le docteur Francis Collins, présentera une séance spéciale en milieu de journée à l'intention des stagiaires. Docteure Joséphine (Jody) Olsen, directrice du Corps de la paix, présentera une séance plénière dimanche, et les auteurs à succès Richard Preston et Douglas Preston seront nos invités à la séance sur la « bibliothèque tropicale ». Le programme sera disponible cet automne.

De plus, l'insectarium du Walter Reed Army Institute of Research (WRAIR), qui élève les insectes utilisés pour étudier les vecteurs de maladies et les agents pathogènes, sera présenté aux participants. En outre, les résultats de recherche de classe mondiale, des mises à jour cliniques et des discussions d'actualité importantes auxquelles vous vous attendez de la part des plus grands leaders planétaires de la médecine tropicale et de la santé mondiale seront mis à votre disposition. Par ailleurs, #TropMed19 est une plateforme idéale pour rencontrer des collègues, discuter des découvertes récentes ou des projets à venir et renforcer votre cercle de collaborateurs, de mentors et d'amis.

Nous avons hâte de vous y rencontrer.



Daniel G. Bausch

**Daniel G. Bausch, MD,
MPH&TM, FASTMH**
Scientific Program Chair



Chandy C. John

Chandy C. John, MD, MS, FASTMH
President



Karen A. Goralowski

Karen A. Goralowski
CEO

ANNUAL MEETING



The Annual Meeting is a five-day educational conference that includes four pre-meeting courses and regularly draws over 4,700 attendees.

Annual Meeting Features

- Scientific sessions devoted to specific topics in tropical medicine and global health
- Scientific poster presentations
- Topical symposia and invited lectures
- Opening reception on Sunday evening
- President's Address, Awards Program and Business Meeting
- Exhibits showcasing tropical medicine and global health products and services
- Student/trainee networking
- Continuing education credits for physicians, physician assistants and veterinarians

Table of Contents

- 6 Keynote Address
- 8 For Students/Trainees

Pre-Meeting Courses

- 12 **Clinical Pre-Meeting Course:**
Tropical Diseases Encountered in Non-Travel Clinics
- 15 **Parasitology Pre-Meeting Course:**
Imaging Parasites from Single Molecules to Whole Organism
- 18 **Global Health Pre-Meeting Course:**
Field Applications for Stopping Infectious Disease Threats at International Points of Entry
- 22 **Arbovirology Pre-Meeting Course:**
Arbovirotics: How 'omics' Technologies are Advancing Arbovirus Research and Control
- 25 Invited Lectures
- 31 Registration Information
- 34 Continuing Education Credit
- 35 Schedule-at-a-Glance
- 38 Travel Information
- 39 Hotel Information
- 39 Request for Meeting Space
- 39 Photography
- 40 Exhibit and Sponsorship Information

Who We Are

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.

What We Do

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 ACKNOWLEDGES OUR AFFILIATE MEMBER:

PATRON

Peter Melby

University of Texas Medical Branch



Thoko @ThokoPooley · 28 Oct 2018

What a treat to have @MoetiTshidi as the keynote speaker at the opening of #TropMed18 with a strong message on #equity & the role of women in achieving #UHC

**Not an ASTMH member?
JOIN HERE.**



ANNUAL MEETING



ABOUT THE ANNUAL MEETING

Attend This Meeting if You:

- Work in tropical medicine, hygiene and global health and want to learn the most up-to-date science in the field
- Spend a portion of your professional time in tropical medicine, hygiene or global health and are interested in obtaining an overview of the field

Benefit From This Meeting by:

- Increasing your knowledge base for tropical diseases
- Increasing your scientific knowledge of tropical diseases and pathogens
- Increasing your knowledge base with respect to the latest scientific advances in tropical medicine and hygiene
- Increasing your knowledge of global health strategies
- Visiting exhibits on products and services for the field
- Connecting with old friends and making new connections that will serve you throughout your career

Meeting Objectives

- Identify, evaluate and differentiate various tropical diseases
- Apply current prophylactic and treatment options for tropical diseases
- Explain the basic science background of tropical medicine
- Summarize current research in tropical medicine, hygiene and global health
- Summarize issues relating to the management of dilemmas and emerging issues in tropical medicine and global health

ASTMH Inclusion/Respect Statement

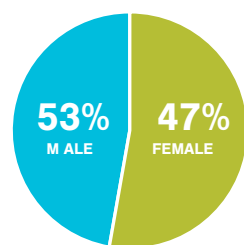
At the Saturday, October 27, 2018, Board meeting of the ASTMH, under the leadership of then-President Regina Rabinovich, MD, FASTMH, the following statement was adopted:

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.



2018 New Orleans
Symposium and
Abstract Presenters



ASTMH Board/
Executive Committee



ANNUAL MEETING**Back by
popular
demand****ALL REGISTRATIONS INCLUDE****Free Wi-Fi for All Attendees**

Your ASTMH registration fee includes Wi-Fi access throughout the registration area and meeting rooms of the Gaylord National Resort and Convention Center. Use Wi-Fi to download the ASTMH meeting app from the Apple Store or Google Play (Wi-Fi is not needed to view the app or access content).

Meeting App

Approximately one month prior to the meeting, the ASTMH app (available in the App Store and Google Play) will switch automatically to the Annual Meeting app. The meeting app offers easy access to all ASTMH program information. Use the app to view the meeting schedule, session and presenter information, full abstracts, exhibitors, maps and the Twitter feed.

Session Audio Recordings

Registrants will have free access to audio recordings and slides within 48 hours of each session.

**We are
TropMed****WHO ATTENDS THE ASTMH ANNUAL MEETING?**

The ASTMH Annual Meeting draws tropical medicine and global health professionals representing academia, government, non-profits, philanthropy, NGOs, industry, military and private practice. The meeting is designed for researchers, professors, government and public health officials, military personnel, travel clinic physicians, practicing physicians in tropical medicine, students and all healthcare providers working in the fields of tropical medicine, hygiene and global health.

**#TropMed19**

ANNUAL MEETING**KEYNOTE ADDRESS****Wednesday, November 20, 2019, 5:30 p.m.****Abhay Bang, MD, MPH, D.Sc (Hon.), D. Lit (Hon.)****Rani Bang, MD, MPH, D.Sc (Hon.), D. Lit (Hon.)***SEARCH, Gadchiroli**Maharashtra, India*

Abhay Bang, MD, MPH, D. Sc (Hon.), D. Lit (Hon.), and Rani Bang, MD, MPH, D.Sc (Hon), D. Lit (Hon.), founded the Society for Education, Action and Research in Community Health (SEARCH) in 1985 in Gadchiroli, a remote district in Maharashtra, India, where they live, provide medical care and conduct research in 150 villages.

Abhay Bang was the lead researcher of a 1999 study on the effect of home-based newborn and child care in rural India that helped develop a new model for neonatal care in developing countries. The approach, which has reduced the infant mortality rate and shaped national and global policies, has been replicated in 10 countries and is being scaled up nationally by the Government of India. The research also was selected as one of the milestone papers published in the *Lancet* in the past 180 years and included in *Vintage Papers* from *Lancet*.

He currently is a member of the Central Health Council, Government of India. He was Chairman of the Expert Committee on Tribal Health, Government of India, and has been a member of India's National Commission on Population, the National Commission on Macroeconomics and Health; the High-Level Expert Group on Universal Health Coverage for the Government of India; and the High Level Committee On Socioeconomic, Health And Educational Status Of Tribal Communities Of India.

Rani Bang has made a landmark contribution to improving women's life as a gynecologist, research scientist and social activist. She was the lead researcher of the 1989 study, "Prevalence of gynecological morbidity in rural Indian women," that brought worldwide attention to the hidden burden of gynecological diseases in rural women in developing countries. She currently is a member of the International Advisory Group on Universal Health Care – WHO and the Steering Group, National Health Mission, Government of India. She also has been a member of several national and international committees on women's health and was a member of the National Commission on Population.

The Bangs and SEARCH have received nearly 60 awards, including the Maharashtra Bhushan, the highest honor of the Maharashtra state, and the Padma Shri by the President of India. They also received the national award from the Indian Council of Medical Research have been and honored by Save the Children and the MacArthur Foundation. In 2005, *TIME* magazine recognized them as the Global Health Heroes.

An excellent opportunity to share experiences with colleagues and learn new skills and innovative ideas.

2018 Attendee



ANNUAL MEETING**ALAN J. MAGILL MALARIA ERADICATION SYMPOSIUM**

Alan J. Magill

ASTMH is proud to hold this symposium, now in its fourth year and created in memory of ASTMH Past President Alan J. Magill. Supported by the Bill & Melinda Gates Foundation, this session will honor Alan's life work in malaria and his contributions to advancing prospects for eradication. This year the symposium will focus on addressing malaria across the transmission spectrum. Speakers will address this topic from different perspectives, including at a country-specific level, from a World Health organization and President's Malaria Initiative viewpoint, and from the standpoint of how strengthening health systems and using mathematical modeling can assist in reducing and eliminating malaria transmission. Speakers include Elizabeth Juma (World Health Organization), Emilie Pothin (Swiss Tropical and Public Health Institute), Patrick Kachur (Columbia University), Kenneth Staley (President's Malaria Initiative) and Kimberly Lindblade (World Health Organization). Additional details regarding the symposium schedule and speaker presentations will be available in October via the Online Program Planner and in the meeting app.

Malaria Delenda Est!

ASTMH thanks the following...

SPONSORS (to-date)**Bill & Melinda Gates Foundation****LEADER****Bavarian Nordic A/S****LEADER****Vulcan Inc.****Elsevier****SUPPORTERS** (to-date)**Burroughs Wellcome Fund****International Association for Medical Assistance to Travellers (IAMAT)****DONORS** (to-date)**William A. Petri, Jr.**

ANNUAL MEETING**\$45 Local Student/Trainee
One-Day Rate
ONE DAY ONLY –**

Students from the following states are eligible for the student one-day registration rate: District of Columbia, Maryland, Virginia, Pennsylvania, Delaware and West Virginia

**BEWARE!****Housing scam alert!**

See page 38 for information on unauthorized third parties offering hotel rooms to obtain your credit card information.

**ACTIVITIES FOR STUDENTS/TRAINEES AND
CAREER DEVELOPMENT SESSIONS****\$45 Special One-Day Registration Discount****For Local Students and Trainees**

(District of Columbia, Maryland, Virginia, Pennsylvania, Delaware and West Virginia)

ASTMH is pleased to offer a special one-day registration fee of \$45 for local students and trainees who have an interest in tropical medicine and global health but can only attend one day of the Annual Meeting. This radically reduced fee is designed for students and trainees from the following states ONLY: District of Columbia, Maryland, Virginia, Pennsylvania, Delaware and West Virginia. You must submit a valid student ID card with your registration. Students may either pre-register or register onsite to take advantage of this discount. Limited to a one-day purchase. Multiple one-day purchases are not eligible.

Please note that this discounted rate does not apply to the Pre-Meeting Courses. All students pay the full student registration fee for the Pre-Meeting Courses.

ASTMH is pleased to offer the following opportunities for the next generation of leaders in tropical medicine, hygiene and global health:

- Mid-Day Session on Friday, November 22 at noon – 1 p.m.: A Career in Tropical Medicine/Global Health Research: A Conversation with Dr. Francis S. Collins, MD, PhD, National Institutes of Health, USA
- Young Investigator Competition and Awards (page 9)
- Elsevier Clinical Research Competition and Awards (page 9)
- First-Time Attendee Orientation Session (page 9)
- Student Reception
- The TropStop Student/Trainee Lounge (page 9)
- TropStop Career Chats (page 9)
- Meet the Professors Sessions (page 9)
- Speed-Networking Session (Limited space, pre-registrants only)
- Mid-Day Session: Panel Discussion: Career Pathways in Science and Identifying Your Niche
- Public Library of Science – PLOS Writing Workshop (page 30)

CONGRATULATIONS

2018 ASTMH/BMGF Travel Award winners!



ANNUAL MEETING



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It's like an all-you-can-eat buffet of brain food!

2018 Attendee

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First-Time Attendee Orientation: Point of Entry

Wednesday, November 20 | 2:30 p.m. – 3:30 p.m.

Are you new to the ASTMH Annual Meeting and want to get the lay of the land? Don't miss our Point of Entry session on Wednesday afternoon. ASTMH Past President Stephen Higgs will orient new attendees to the schedule, session structure and highlights of the Annual Meeting. Meet others attending the conference for the first time and expand your professional network while learning the ins and outs of the meeting.

Young Investigator Award Competition

Wednesday, November 20 | 10 a.m. – 3 p.m.

Supported by William A. Petri, Jr.

Young Investigator Award competition sessions are open to all meeting attendees. A list of applicants and the presentation schedule will be included in the Program Book. Support these young scientists in the tropical medicine and hygiene field as they share reports about their research and projects.

Elsevier Clinical Research Award Competition

Wednesday, November 20 | Noon – 4 p.m.

ASTMH gratefully acknowledges the support of Elsevier Health Sciences for its support of this award. The Elsevier Clinical Research Award competition sessions are open to all meeting attendees. The award recognizes excellence in clinical research presented by a student at the Annual Meeting. A list of applicants and the presentation schedule will be included in the Program Book and meeting app.

TropStop — Student/Trainee Lounge

Thursday, Friday and Saturday | 7 a.m. – 6 p.m.

ASTMH is pleased to offer a designated area for conversation and networking with other young colleagues. Students/trainees are encouraged to visit the TropStop, meet other students/junior investigators and catch up with friends and colleagues.

Career Chats: Meet and Talk with Professionals in the Field

Thursday, Friday and Saturday | 3 p.m. – 4 p.m.

The TropStop schedule will include a daily one-hour afternoon session called Career Chats to meet professionals in the fields of tropical medicine and global health who will share their career stories and discuss topics and strategies to help you along your career path.

Meet the Professors Sessions

Thursday, Friday and Saturday | 12:15 p.m. – 1:30 p.m.

Students and trainees are especially encouraged to attend these interactive sessions, which are open to all meeting attendees. The speakers will present a clinical case of a tropical disease specific to a particular region that they have found a challenge to manage or diagnose.

SIXTY-EIGHTH ANNUAL MEETING

#IamTropMed

Show your support for tropical medicine, hygiene and global health! Share a photo from the meeting using the hashtag **#IamTropMed** to your Twitter account.

Not able to attend? Post a photo from your lab or the field for ASTMH to share.



SIXTY-EIGHTH ANNUAL MEETING

FOLLOW ASTMH ON SOCIAL MEDIA AT THE MEETING

Don't miss out on the latest meeting updates and timely news!

Visit IamTropMed.org, the official blog for the ASTMH Annual Meeting, for updates, photos and more from a variety of viewpoints.



Follow @ASTMH. During the conference, follow what your colleagues are saying with the #TropMed19 hashtag. Add the Twitter application to your smartphone and get your updates in real time!



Subscribe to the ASTMH Facebook page for updates from the Annual Meeting and for relevant content year-round.



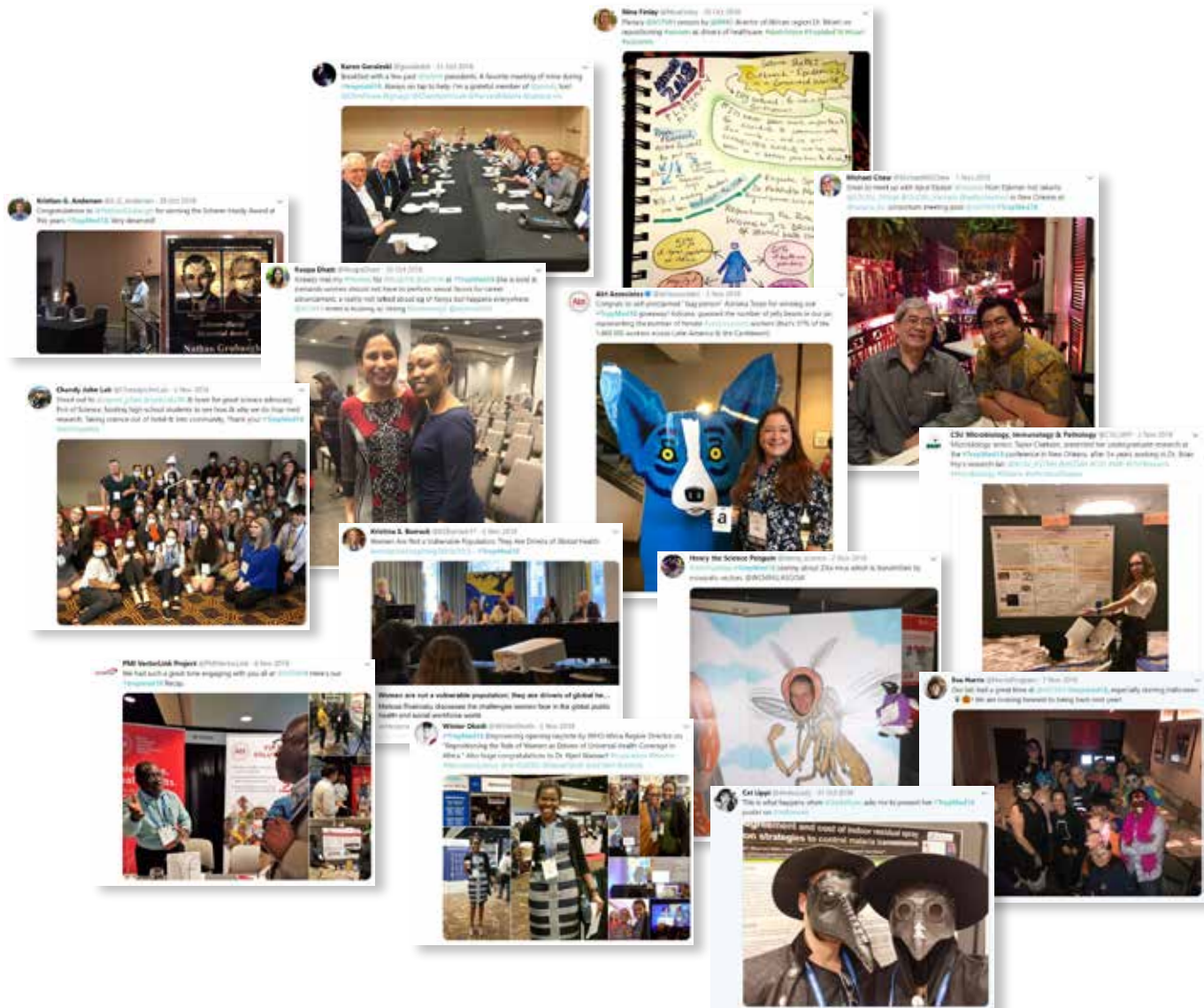
Enjoy archived video from past Annual Meetings, Alan Magill Symposia, Faces of TropMed, webinars and interviews with pioneers in the field.

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As a trainee I can't find a better place for networking with leaders in tropical medicine.

2018 Attendee

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ANNUAL MEETING

PRE-MEETING COURSES

**Clinical Pre-Meeting Course:**

Tropical Diseases Encountered in Non-Travel Clinics

Parasitology Pre-Meeting Course:

Imaging Parasites from Single Molecules to Whole Organism

Global Health Pre-Meeting Course:

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

Arbovirology Pre-Meeting Course:

Arboviroemics: How 'omics' Technologies are Advancing Arbovirus Research and Control

Clinical (ACCTMTH – Clinical Group) Pre-Meeting Course:

Tropical Diseases Encountered in Non-Travel Clinics

Wednesday, November 20 | 7 a.m. – 4:15 p.m.

This full day course will cover a broad range of tropical diseases that are commonly encountered in the primary care setting. The course is designed for clinicians who are already familiar with clinical tropical and travel medicine. The course will focus on problems in tropical and travel medicine that are commonly seen by a primary care provider caring for either migrants, ill travelers or travelers at risk for infectious exposures. The overall objective will be to help practitioners update their knowledge base in these areas and improve their comfort level in managing these types of problems. There will be relatively little discussion of topics that are typically managed by specialty referral centers. The speakers will emphasize new or controversial aspects of diagnosis and management. The target audience includes any clinician who wants to develop a deeper understanding of tropical and travel medicine.

Course Objectives

- Summarize the medical considerations unique to migrants, ill travelers or travelers at risk for infectious exposures.
- Summarize the new, cutting-edge diagnostic and management procedures for patients in the primary care setting with tropical diseases.

Target Audience

The target audience includes any clinician who seeks to develop a deeper understanding of tropical and travel medicine.

Attend this course if you:

- Seek education in the broad range of tropical diseases that frequently affect these populations
- Need the most up-to-date information in managing tropical diseases encountered in the primary care setting

Benefit from this course by:

- Increasing your knowledge in the spectrum of tropical and travel-related diseases and the parasites that cause these illnesses
- Increasing your competence in making diagnoses and management decisions for patients with tropical diseases

ANNUAL MEETING



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A valuable networking meeting that every scientist involved in research for health should attend.

2018 Attendee

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Clinical Pre-Meeting Course Agenda

Wednesday, November 20

7 a.m.	Networking Continental Breakfast
7:45 a.m.	Management of <i>Giardia</i> in the Age of Resistance <i>Michael Libman, MD</i>
8:30 a.m.	Hypereosinophilic Syndromes: Parasitic Causes and Beyond <i>Peter Weller, MD, FASTMH</i>
9:15 a.m.	When to Worry about Your Malaria Patient <i>Terrie Taylor, DO</i>
10 a.m.	Coffee Break
10:15 a.m.	Latent Tuberculosis in Adults <i>Kevin Schwartzman, MD, MPH, FRCPC</i>
11 a.m.	Figuring out Fevers in Children <i>Valérie D'Acremont, MD, PhD</i>
11:45 a.m.	Lunch on your own
12:45 p.m.	Medical Considerations Before International Travel <i>David Freedman, MD, FASTMH</i>
1:30 p.m.	Yellow Fever Vaccine: Outbreaks, Shortages and Immunity <i>Leo Visser, PhD</i>
2:15 p.m.	Break
2:30 p.m.	Tropical Diseases that are The Great Pretenders <i>Christina Coyle, MD</i>
3:15 p.m.	Creepy, Dreadful, Wonderful Parasites: Cases from the Lab <i>Bobbi Pritt, MD, MSc, DTM&H</i>
4 p.m.	Wrap-Up
4:15 p.m.	Course Adjourns

Faculty List

Christina Coyle, MD

Course Co-Chair
Office of Faculty Development
Jacobi Medical Center
Albert Einstein College of Medicine
Bronx, NY, United States

Michael Libman, MD

Course Co-Chair
Faculty of Medicine
Department of Infectious Diseases
McGill University
Montréal, QC, Canada

Valérie D'Acremont, MD, PhD

Professor of Tropical Medicine and
Global Health
Swiss Tropical and Public Health Institute,
University of Basel
Centre for Primary Care and Public Health,
University of Lausanne
Switzerland

David Freedman, MD, FASTMH

Professor Emeritus of Infectious Diseases
University of Alabama
Birmingham, AL, United States

Bobbi Pritt, MD, MSc, DTM&H

Professor of Lab Medicine and Pathology
Medical Director
Clinical Parasitology Laboratory
Mayo Clinic
Rochester, MN, United States

Kevin Schwartzman, MD, MPH, FRCPC

Professor of Medicine
Director, Respiratory Division
McGill University
Montréal, QC, Canada

ANNUAL MEETING

CLINICAL PRE-MEETING COURSE
FACULTY AFFILIATIONS

Faculty List (cont.)

Terrie E. Taylor, DO

Distinguished Professor of Internal Medicine
Department of Osteopathic Medical Specialties
Michigan State University
East Lansing, MI, United States

Leo Visser, PhD

Professor of Infection Diseases
Department of Infectious Diseases
Leiden University Medical Centre
The Netherlands

Peter F. Weller, MD, FASTMH

WB Castle Professor of Medicine
Harvard Medical School
Chief, Infectious Diseases and Allergy Divisions
Beth Israel Deaconess Medical Center
Boston, MA, United States

Clinical Pre-Meeting Course Fees

	On or before September 20	September 21 through October 18	October 19 through the Annual Meeting
Member	\$260	\$290	\$320
Non-Member	\$490	\$520	\$550
Student/Trainee Member	\$125	\$155	\$185
Student/Trainee Non-Member	\$150	\$180	\$210

Accreditation and Continuing Medical Education Credit

ASTMH is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ASTMH designates this live educational activity for a maximum of 7.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Physician Assistant Continuing Education Credit

AAPA accepts certificates of participation for educational activities certified for AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 7.0 *AMA PRA Category 1 Credits™* for completing this program.

Disclosure of Faculty's Commercial Relationships

Consistent with ASTMH policy, faculty are required to disclose any economic or other personal interests that create, or may be perceived as creating, a conflict of interest related to the material discussed. ASTMH resolves all conflicts of interest. Faculty are required to disclose at the beginning of their presentation(s) any relevant financial relationships, as well as any product mentioned during the presentation that is not labeled for the use under discussion or is still investigational. This policy is intended to allow attendees to form their own judgments about such material.

Clinical Pre-Meeting Course Syllabus—Available Online (post-course)

The syllabus with course materials will be available for download to all registrants post-course. An email will be sent to all registrants with download instructions. Only those who registered for the course will have access to the course materials. A printed syllabus will not be distributed at the course.

ANNUAL MEETING

**BEWARE!****Housing scam alert!**

See page 38 for information on unauthorized third parties offering hotel rooms to obtain your credit card information.

Parasitology (ACMCIP) Pre-Meeting Course:**IMAGING PARASITES FROM SINGLE MOLECULES TO WHOLE ORGANISM**

Wednesday, November 20 | 7 a.m. – 4:15 p.m.

Parasitic infections in humans are caused by a diverse range of eukaryotic pathogens, including both single-celled and multi-cellular organisms. Microscopy has provided an enormous wealth of information about the pathogenesis of these infections, the life cycle of the causative parasites and the molecular mechanisms that underpin their growth and replication. This course will discuss cutting-edge techniques to visualize parasites – from the single molecule to the whole organism. Recent advances to the classic techniques of light and electron microscopy, together with computer-based algorithms to understand these data, have pushed the frontiers of imaging parasites. This course will discuss these techniques and how they can be applied to divergent parasitic organisms to gain new levels of understanding about their basic cell biology and molecular pathogenesis. The course will cover advances in 2D and 3D imaging techniques, advances in single-molecule structural studies and use of artificial intelligence, as well as high-throughput imaging to elucidate parasite biology.

Course Objectives

- Discuss cutting-edge techniques to visualize parasites, from the single molecule to the whole organism.
- Summarize these microscopy techniques and how they can be applied to divergent parasitic organisms.
- Explain advances in 2D and 3D imaging techniques, advances in single-molecule structural studies and use of artificial intelligence, as well as high-throughput imaging.

Target Audience

Scientists, physicians, clinicians, graduate students and educators with interests in the topic of microscopy.

Attend this course if you:

- Need education on the various causes of parasitic infections in humans
- Seek training on imaging parasites
- Need exposure to imaging techniques in a broad array of human parasites

Benefit from this course by:

- Increasing your knowledge of microscopy and the pathogenesis of parasitic infections, the life cycle of the causative parasites and the molecular mechanisms that underpin their growth and replication
- Improving your ability to understand the basic cell biology and molecular pathogenesis of divergent parasitic organisms
- Broadening your knowledge in the state-of-the-art imaging in a broad array of parasites

Parasitology Pre-Meeting Course Agenda**Wednesday, November 20**

7 a.m.	Continental Breakfast
7:45 a.m.	Welcome and Opening Remarks <i>Jeffrey Dvorin, MD, PhD</i>
8 a.m.	Some Musings on the History of Microscopy <i>Jake Baum, PhD</i>

ANNUAL MEETING

PARASITOLOGY
PRE-MEETING COURSE
FACULTY AFFILIATIONS

8:30 a.m.	Epifluorescence: Inner Membrane Complex Formation in <i>Toxoplasma Dinkorma Ouologuem, PhD</i>
9:15 a.m.	Epifluorescence: DNA Replication in <i>Plasmodium Catherine Merrick, PhD</i>
10 a.m.	Coffee Break
10:15 a.m.	FIB-SEM/Live Microscopy: Intraflagellar Transport in <i>Trypanosoma Eloïse Bertiaux, PhD</i>
11 a.m.	FIB-SEM: Daughter Parasite Formation in <i>Plasmodium Jeffrey Dvorin, MD, PhD</i>
11:45 a.m.	Lunch (on your own)
1 p.m.	Artificial Intelligence: Application of AI to <i>T. gondii Eva Frickel, PhD</i>
1:45 p.m.	Artificial Intelligence: Application of AI to <i>P. falciparum George Ashdown, PhD</i>
2:30 p.m.	Break
2:45 p.m.	Cryo-EM: Structure of the Rh5-CyRPA-RIPR Invasion Complex in <i>Plasmodium falciparum Wilson Wong, PhD</i>
3:30 p.m.	CellProfiler: High Throughput Imaging in Eukaryotic Cells <i>Beth Cimini, PhD</i>
4:15 p.m.	Course Adjourns

Faculty List

Jake Baum, PhD

Course Organizer

Professor of Cell Biology and Infectious Diseases
Imperial College London
London, United Kingdom

Jeffrey Dvorin, MD, PhD

Course Organizer

Assistant Professor of Pediatrics
Boston Children's Hospital and Harvard Medical School
Boston, MA, United States

Eva Frickel, PhD

Course Organizer

Group Leader
The Francis Crick Institute
London, United Kingdom

George Ashdown, PhD

Research Associate
Department of Life Sciences
Imperial College London
London, United Kingdom

Eloïse Bertiaux, PhD

Postdoctoral Fellow
Université de Genève
Geneva, Switzerland

Beth Cimini, PhD

Computational Biologist
The Broad Institute of MIT and Harvard
Cambridge, MA, United States

Catherine Merrick, PhD

Senior Lecturer
Department of Pathology
University of Cambridge
Cambridge, United Kingdom



Angela Devine @devinefy · 30 Oct 2018

In action at #TropMed18 working to #EndMalaria



ANNUAL MEETING



Faculty List (cont.)

Dinkorma Ouologuem, PhD

Research Associate
Malaria Research and Training Center
University of Science, Techniques and
Technology of Bamako
Bamako, Mali

Wilson Wong, PhD

Senior Postdoctoral Fellow
Division of Infectious Diseases and Immune
Defence
Walter and Eliza Hall Institute of Medical
Research
Melbourne, Australia

Parasitology Pre-Meeting Course Fees

	On or before September 20	September 21 through October 18	October 19 through the Annual Meeting
Member	\$260	\$290	\$320
Non-Member	\$490	\$520	\$550
Student/Trainee Member	\$125	\$155	\$185
Student/Trainee Non-Member	\$150	\$180	\$210

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Parasitology Pre-Meeting Course Syllabus—Available online (post-course)

The syllabus with course materials will be available for download to all registrants post-course. An email will be sent to all registrants with download instructions. Only those who registered for the course will have access to the course materials. A printed syllabus will not be distributed at the course.

”

I was able to network
and learn more about
outbreaks like Ebola.

2018 Attendee

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ANNUAL MEETING**Global Health (ACGH) Pre-Meeting Course:****FIELD APPLICATIONS FOR STOPPING INFECTIOUS DISEASE THREATS AT INTERNATIONAL POINTS OF ENTRY****Wednesday, November 20 | 7:30 a.m. – 4:15 p.m.**

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 course 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 the daily work of 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 the strengths and limitations of tools used at PoE
- Develop and demonstrate mastery of skills-based competency by participating in a table-top exercise

Course Objectives

- Identify the capacities that must be in place at points of entry in order to prevent, detect and respond to infectious diseases
- Discuss the strengths and limitations of tools used at points of entry
- Analyze the decision-making process on implementing health measures that are commensurate with the risk, avoiding unnecessary interference with international traffic and trade

Target Audience

This course is for graduate students, public health practitioners, global health policymakers and development partners with an interest in the public health emergency preparedness.

”

The best meeting for new researchers to the field of tropical medicine.

2018 Attendee

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ANNUAL MEETING



Attend this course if you:

- Need education on coordinating efforts at points of entry among public and private service providers and operators, public health officials, law enforcement and border control units, and local healthcare facilities
- Seek training on workforce development, multisectoral planning and exercise activities for communicable disease preparedness at international airports, based on the International Health Regulations (2005) and guidelines from the International Civil Aviation Organization (ICAO)
- Need exposure to the measures and tools that may be used at points of entry to meet the objectives of the International Health Regulations

Benefit from this course by:

- Improving your ability to manage public health events that impact travel across international borders
- Expanding your knowledge about the framework for implementation of the International Health Regulations (2005) at international points of entry
- Broadening your knowledge of the relevance of how international health regulations and agreements (e.g., Global Health Security Agenda) relate to the daily work of health professionals posted at points of entry

Global Health Pre-Meeting Course Agenda

7:30 a.m.	Light Continental Breakfast
8 a.m.	Introduction of Topic and Logistics
8:15 a.m.	Welcome and Introductory Remarks/Keynote Address The West Africa Ebola Outbreak (2014): Need for Cross-Border Health Protection and Point-of-Entry Risk Mitigation Readiness Martin Cetron, MD, FASTMH In the Trenches: How Clinicians and Health Centers Work with Public Health to Prepare for Biothreats Edward Ryan, MD, FASTMH
9:30 a.m.	Diplomatic Efforts and Risk Mitigation: The Role of the Global Health Security Agenda (GHSA), International Health Regulations and Other International Health Agreements Vikas Kapil, DO, MPH
10 a.m.	International Health Regulations: An Overview and Its Relevance to Point-of-Entry Risk Mitigation Ninglan Wang, MD, MSc, MA
10:30 a.m.	Coffee Break
10:45 a.m.	Panel Discussion: Risk Mitigation from the Perspectives of the Aviation Industry, Its Regulatory Bodies and Public Health Organizations Johanna (Ansa) Jordaan, MBChB, DOMH, BSc (Hons) Aerospace Medicine Kris Belland, DO, MPH, MBA, MSS, FAsMA Matthew Crosman Alex Naar, MS, JD George Samiotis
11:15 a.m.	Questions and Answers

ANNUAL MEETING

GLOBAL HEALTH
PRE-MEETING COURSE
FACULTY AFFILIATIONS

Global Health Pre-Meeting Course Agenda (cont.)

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 Morenike Alex-Okoh, MBBS, MPH, FMCPH Kimberly Singler, DrPH, CPH 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 and Tabletop Exercise – Part I (Scenario-based exercise) Faculty
2:45 pm	Break
3 p.m.	Point-of-Entry Risk Mitigation Training Workshop and Tabletop Exercise – Part II (Scenario-based exercise) Faculty
4 p.m.	Concluding Remarks
4:15 p.m.	Course Adjourns

Faculty List

Clive Brown, BSc, Dip Ed, MBBS, MPH, MSc, DTMH*Course Co-Chair*

Chief, Quarantine and Border Health Services Branch

Centers for Disease Control and Prevention
Avondale Estates, GA, United States**Miguel Reina Ortiz, MD, PhD, MS, MPH***Course Co-Chair*

Assistant Professor, Department of Global Health

University of South Florida
Tampa, FL, United States**Morenike Alex-Okoh, MBBS, MPH, FMCPH**Director, Port Health Services
Federal Ministry of Health
Nigeria**Yolanda V. Bayugo, MD**

Technical Officer, Learning Solutions and Training (LST)

Country Health Emergency Preparedness and IHR (CPI)

Health Emergencies Programme (WHE)
World Health Organization
Lyon, France**Kris M. Belland, DO, MPH, MBA, MSS, FAsMA**Chief Medical Officer, American Airlines
Medical Director, Premise Health
Keller, TX, United States**Martin Cetron, MD, FASTMH**

Director, Division of Global Migration and Quarantine

Centers for Disease Control and Prevention
Atlanta, GA, United States**Matthew Crosman**Deputy Airport Operations Manager
Dulles International Airport
Metropolitan Washington Airports Authority
Washington, DC, United States**Johanna (Ansa) Jordaan, MBChB, DOMH, BSc (Hons) Aerospace Medicine**Chief, Aviation Medicine Section
International Civil Aviation Organization
Montreal, QC, Canada**Vikas Kapil, DO, MPH**Associate Director for Science
Chief Medical Officer, Center for Global Health
Centers for Disease Control and Prevention
Atlanta, Georgia, United States

ANNUAL MEETING**Alex Naar, MD, 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, United States

Edward 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, MA, United States

George Samiotis

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

Kimberly Singler, DrPH, CPH

Health Scientist and Training Specialist
Centers for Disease Control and Prevention
Division of Global Migration and Quarantine
Atlanta, GA, United States

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

Global Health Pre-Meeting Course Fees

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People must attend
at least once and
have this lifetime
experience.

2018 Attendee

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ANNUAL MEETING**Arbovirology (ACAV) Pre-Meeting Course:****ARBOVIROMICS: HOW 'OMICS' TECHNOLOGIES ARE ADVANCING ARBOVIRUS RESEARCH AND CONTROL****Wednesday, November 20 | 7:30 a.m. – 3:15 p.m.**

An improved understanding of arbovirus biology and transmission dynamics is essential to the development of disease prevention strategies. A comprehensive view of arbovirus life cycles requires integration of multiple time and length scales, which was often technically limited until recently. In the last decade, advances in 'omics' technologies such as high-throughput sequencing and mass spectrometry are providing unprecedented opportunities to advance arbovirus research through increased resolution of observations at multiple temporal and spatial scales. This course will provide an overview of omics techniques applied to arbovirus research and illustrate how the knowledge generated can inform arbovirus prevention and control.

Course Objectives

- Conduct more effective arbovirus research through increased understanding of state-of-the-art laboratory and computational tools.
- Explain how "omics" techniques can be applied to arbovirus research.
- Discuss how outbreaks can be monitored in real-time from initial detection and characterization to transmission chain tracking and outbreak mapping.

Target Audience

Scientists, physicians, clinicians, residents, fellows, graduate students and educators with an interest in the topic of arbovirus prevention and control.

Attend this course if you:

- Need training in 'omics' technologies, such as high-throughput sequencing and the interpretation of the generated data
- Seek exposure to high-throughput techniques, including transcriptomics, proteomics and lipidomics
- Need education in molecular/genomic epidemiology and phylogenetics

Benefit from this course by:

- Broadening your understanding of arbovirus biology and transmission dynamics and their role in the development of disease prevention strategies
- Improving your knowledge of the techniques used to prevent and control arboviral diseases
- Increasing your competence in tracking the spread of arbovirus outbreaks and assisting in their control

**Terrie Taylor** @ttmalawi · 1 Nov 2018

This has been one of the most inspiring @ASTMH #tropmed18 gatherings ever! The posters and rising scientists especially get me fired up. Way to go, everyone. Let's keep the momentum going.

ANNUAL MEETING

ARBOVIROLOGY
PRE-MEETING COURSE
FACULTY AFFILIATIONS

UNIVERSITY OF MINNESOTA



Institut Pasteur



Arbovirology Pre-Meeting Course Agenda

7 a.m.	Light Continental Breakfast
7:30 a.m.	Welcome and Introduction by Course Organizers Felix Hol, PhD Louis Lambrechts, PhD, HDR
7:45 a.m.	The NGS Toolbox for Arbovirologists: Do I Need a Screwdriver or a Hammer? Nathan Grubaugh, PhD, MSc
8:30 a.m.	The ZiBRA Project Nuno Faria, PhD, MSc, BSc
9:15 a.m.	Using Mobility Data and Sequence Data to Reconstruct Transmission Chains and Understand the Spatial Spread of Arboviruses Henrik Salje, PhD
10 a.m.	Coffee Break
10:15 a.m.	Intrahost Population Dynamics of Arboviruses: High Throughput Approaches and New Molecular Tools Gregory Ebel, ScD
11 a.m.	Zika Virus Evolutionary Dynamics in Host Adaptation Matthew Aliota, PhD
11:45 a.m.	Lunch (on your own)
1 p.m.	Understanding Flavivirus Replication and Pathogenesis through Virus-Host Interaction Mapping Priya Shah, PhD
1:45 p.m.	Arthropod Metagenomics: Characterizing the Diversity of Viruses in Mosquitoes to Advance Knowledge of Mosquito Microbiomes and Vector-Borne Infectious Diseases Shannon Bennett, PhD, BSc
2:15 p.m.	Metagenomics of the Mosquito Virome: Practicum Panpim Thongsripong, PhD, MS, BSc
3:15 p.m.	Course Adjourns

Faculty List

Felix Hol, PhD

Course Co-Chair
Department of Bioengineering
Stanford University
Stanford, CA, United States

Louis Lambrechts, PhD, HDR

Course Co-Chair
Department of Virology
Institut Pasteur
Paris, France

Matthew T. Aliota, PhD

Department of Veterinary and Biomedical Sciences
College of Veterinary Medicine
University of Minnesota, Twin Cities
St. Paul, MN, United States

Shannon N. Bennett, PhD, BSc

Institute for Biodiversity Science and Sustainability
California Academy of Sciences
San Francisco, CA, United States

Gregory D. Ebel, ScD

Department of Microbiology, Immunology and Pathology
Arthropod-Borne and Infectious Diseases Laboratory
College of Veterinary Medicine and Biomedical Sciences
Colorado State University
Fort Collins, CO, United States

ANNUAL MEETING**Faculty List (cont.)****Nuno R. Faria, PhD, MSc, BSc**

Department of Zoology
Balliol College
University of Oxford
Oxford, United Kingdom

Nathan D. Grubaugh, PhD, MSc

Department of Epidemiology of Microbial
Diseases
Yale School of Public Health
New Haven, CT, United States

Henrik Salje, PhD

Department of Global Health
Institut Pasteur
Paris, France

Priya S. Shah, PhD

Department of Chemical Engineering
Department of Microbiology and Molecular
Genetics
University of California, Davis
Davis, CA, United States

Panpim Thongsripong, PhD, MS, BSc

Institute for Biodiversity Science and
Sustainability
California Academy of Sciences
San Francisco, CA, United States

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Arbovirology Pre-Meeting Course Syllabus - Available Online (post-course)

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**BEWARE!****Housing scam alert!**

See page 38 for information on unauthorized third parties offering hotel rooms to obtain your credit card information.

ANNUAL MEETING

INVITED LECTURES

ASTMH President's Address

"Something Small That Matters"

Saturday, November 23, 6:15 p.m.

**Chandy C. John, MD, MS, FASTMH**

Ryan White Professor of Pediatrics

Director, Ryan White Center for Pediatric Infectious Disease and Global Health

Indiana University School of Medicine

Chandy C. John, MD, MS, FASTMH, holds the Ryan White Endowed Chair in Pediatric Infectious Diseases and is director of the Ryan White Center for Pediatric Infectious Disease and Global Health at Indiana University. Dr. John's research focuses on malaria pathogenesis, immunology and epidemiology. Key discoveries of his collaborative research team include: 1) the first prospective studies to establish that severe malaria is associated with long-term cognitive impairment in children, 2) identification of immunologic factors that increase risk of severe malaria and cognitive impairment after severe malaria; 3) determination of geographic and immunologic factors that affect risk of malaria in areas of unstable malaria transmission; and 4) the first studies to show that hydroxyurea treatment is safe and effective for children with sickle cell anemia in malaria endemic areas.

Dr. John is an active clinician, specializing in pediatric infectious diseases and tropical medicine. He conducts research and training programs in Kenya in collaboration with colleagues at the Kenya Medical Research Institute and Moi University, and in Uganda in collaboration with colleagues at Makerere University. He is the author of more than 170 peer-reviewed publications and 30 book chapters. Dr. John serves on the Thrasher Research Fund Scientific Advisory Committee, and has served on or chaired numerous NIH and national and international study sections and review boards. Dr. John's awards include the Pediatric Infectious Diseases Society Young Investigator Award (2004), and the Bailey K. Ashford Medal from ASTMH for contributions to tropical medicine research (2011).

Dr. John is an active clinician, specializing in pediatric infectious diseases, tropical medicine and travel medicine. As an educator, Dr. John was director of global health residency tracks in pediatrics at Case Western Reserve University in Cleveland and the University of Minnesota, and co-director of the Morris Green Physician-Scientist Training Program at Indiana University. Dr. John has been an ASTMH member since 1996, was elected a Fellow of the ASTMH in 2015, and is the current President of ASTMH.

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A premier meeting for
evidence-sharing.

2018 Attendee

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ANNUAL MEETING

INVITED LECTURES (cont.)

Fred L. Soper Lecture**Thursday, November 21, 6:15 p.m.**

Fred L. Soper

**Peter J. Hotez, MD, PhD, FASTMH**

ASTMH Past President

Dean, National School of Tropical Medicine

Professor, Departments of Pediatrics and Molecular Virology and Microbiology

Baylor College of Medicine

Co-Director, Texas Children's Center for Vaccine Development

Peter J. Hotez, MD, PhD, FASTMH, is Professor of Pediatrics and Molecular Virology and Microbiology, and Dean of the National School of Tropical Medicine at Baylor College of Medicine where he is also the Co-Director of the Texas Children's Center for Vaccine Development. Dr. Hotez is an internationally-recognized pediatrician-scientist in neglected tropical diseases and vaccine development. He obtained his bachelor's degree in molecular biophysics from Yale in 1980, followed by a PhD degree in biochemistry from Rockefeller University in 1986, and an MD from Weil Cornell Medical College in 1987. Professor Hotez has authored more than 450 original papers and is the author of three single-author books including *Forgotten People*, *Forgotten Diseases*; *Blue Marble Health*; and *Vaccines Did Not Cause Rachel's Autism*. He is an elected member of the National Academy of Medicine and the American Academy of Arts & Sciences, and Past President of ASTMH. In 2011, he received the Abraham Horwitz Award from PAHO-WHO. In 2015-2016, he served as U.S. Science Envoy in the Obama Administration. In 2017, he was named by *FORTUNE Magazine* as one of the 34 most influential people in healthcare, while in 2018 he received the Sustained Leadership Award from Research!America.



HJF @HJFMilMed · 29 Aug 2018

Excited to be presenting at: [#TropMed18](#). So relevant for our work and our teammates! [#whatIsHJF](#)



ANNUAL MEETING

INVITED LECTURES (cont.)

Commemorative Fund Lecture

Friday, November 22, 6:15 p.m.

**Moses R. Kamya, MBChB, MMed, MPH, PhD**

Professor and Dean, School of Medicine, Makerere University, Kampala, Uganda
 Executive Director, Infectious Diseases Research Collaboration (IDRC), Uganda
Champion of social justice and fighter of infectious diseases in Uganda

Dr. Kamya is a Ugandan physician, academic, researcher and academic administrator who serves as professor and Dean of the Makerere University School of Medicine in Kampala, Uganda. He is founder member of the Makerere University Joint AIDS Program (MJAP), the Infectious Diseases Institute (IDI) and the Infectious Diseases Research Collaboration (IDRC) in Uganda. For more than 20 years, Dr. Kamya has been researching and teaching infectious diseases, with a particular interest in malaria, HIV and the interaction between malaria and HIV. He is a central figure in training at multiple levels at Makerere University and significantly contributes to shaping the malaria and HIV treatment policies in Uganda. Dr. Kamya has a passion for capacity building of young African scientists. In 2018, Dr. Kamya received the University of California Berkeley (UCB) School of Public Health honor as one of the 75 most influential public health alumni over UCB's 75-year history.

**Vincenzo Marcolongo Memorial Lecture****Robert Handby, DPH, AO**

Water and Sanitation Aid Worker
 Port Fairy, Australia



Vincenzo Marcolongo

During a career of 27 years in local government working as an Environmental Health Officer, Robert Handby took leave to work with the International Committee of the Red Cross to some of the world's worst humanitarian disasters where he was responsible for providing safe water and improving sanitation. These disasters include conflict zones in Uganda, Iraq, Rwanda, Kosovo and Sri Lanka. Dr. Handby has also worked throughout Asia and the Pacific, including significant natural disasters like the Boxing Day Tsunami in Banda Aceh, Cyclone Nargis in Myanmar and floods in Pakistan.

In 2007, Dr. Handby left local government and joined Australian Red Cross as Manager, Water and Sanitation, International Emergencies. He retired from the Red Cross at the end of 2012 but came out of retirement in December 2014 to assist with the Red Cross response to Ebola in Sierra Leone, where he led a small team to a location as a result of a spike in Ebola cases. This led to him being responsible for the cleanup of a dysfunctional hospital and the building of an Ebola Treatment Center.

Dr. Handby is an Honorary Life Member of Australian Red Cross and in 2018 was awarded an Order of Australia with the citation, "For distinguished service to the international community, particularly with humanitarian disaster assistance missions and the environmental health profession." He is a Life Fellow of Environmental Health Australia and Environmental Health Professionals Australia.

INVITED LECTURES (cont.)

ANNUAL MEETING

Plenary Session

Sunday, November 24, 10:15 a.m.

Josephine (Jody) Olsen, PhD, MSW

Director, Peace Corps



On Friday, March 30, 2018, Dr. Josephine (Jody) K. Olsen was sworn in as the 20th Director of the Peace Corps. She brings a wealth of Peace Corps experience to her role, having served over 16 years in various senior capacities at the agency.

Most recently, Dr. Olsen spent eight years as a visiting professor at the University of Maryland-Baltimore School of Social Work and director of the university's Center for Global Education Initiatives. In this capacity she developed and directed inter-professional global health projects for students in dentistry, law, medicine, nursing, pharmacy and social work. The programs, primarily in Malawi, included maternal mortality, healthcare for orphans and vulnerable children, and healthcare for children at risk for malaria. She also published articles in the field of inter-professional global health education and gave presentations at the Consortium for Universities in Global Health (CUGH). Courses that she taught included health behavior theory, global health issues of women and children, and comparative international social policy.

In her previous roles at the Peace Corps, she served as acting director in 2009; deputy director, 2002-2009; chief of staff, 1989-1992; regional director, North Africa Near East, Asia, Pacific, 1981-1984; and country director in Togo, 1979-1981. Dr. Olsen also served as a Peace Corps Volunteer in Tunisia, 1966-1968, both teaching English and supporting women in a large maternal health clinic.

In addition, Dr. Olsen served as senior vice president of the Academy for Educational Development, 1997-2002, and executive director of the Council for International Exchange of Scholars (the Fulbright Faculty program), 1997-2002.

Dr. Olsen has served on numerous boards over the years including most recently board chair of Health Volunteers Overseas and board member on Intermedia, Kalamazoo College, and NAFSA: International Educators.

Dr. Olsen received a bachelor's degree from the University of Utah, a Master's degree in social work and a PhD in human development from the University of Maryland and an honorary doctorate from Michigan Tech University. A native of Utah, Dr. Olsen currently lives in Maryland.

“ASTMH is the real road into Global Health.”

2018 Attendee

ANNUAL MEETING**WORKSHOPS****Introduction to Agent-Based Modeling for Infectious Diseases**

Organized by Institute for Disease Modeling

Tuesday, November 19**Morning Session: 8 a.m. – Noon****Afternoon Session: 1 p.m. – 5 p.m.***Capacity of 25 attendees per session (free).**Attendees must pre-register for this workshop using the [online registration form](#).*

ASTMH and the Institute for Disease Modeling (IDM) are partnering to offer a two-part introductory workshop on using agent-based models for modeling infectious diseases. Modeling is essential for understanding disease dynamics and creating effective control strategies. ASTMH and IDM are offering this workshop on ABMs with the intention of making modeling more accessible to public health researchers. IDM is composed of global health researchers as well as professional software engineers and has developed open-source software that is freely available to the research community.

The target audience for this workshop includes researchers in public health and epidemiology at a professional level (e.g. possessing a PhD, MD, Master's or related degree) or working towards a professional degree (graduate students are welcome). Depending on your background and prior experience, you may choose to attend one or both sessions.

Attendees in either session will need a laptop with Wi-Fi capabilities.

**Spatial Intelligence to Optimize Disease Surveillance and Response Workshop**

Organized by Akros

Wednesday, November 20 | 2 p.m. – 5 p.m.*Attendees must pre-register for this workshop using the [online registration form](#).*

Smart maps and digital systems, if user-centered and implemented well, can help optimize the delivery of life-saving interventions, like indoor residual spraying, mass drug administration, and other community health services. This type of “spatial intelligence” is gaining ground both in terms of the feasibility of use in development contexts and the necessity of this level of precision to ensure impact. There are open-source platforms available that assist implementers to apply spatial intelligence to improve impact, save costs, and ensure interventions are achieving high coverage. ASTMH and Akros, along with National Malaria Control Programs, Ona, UCSF's Malaria Elimination Initiative, PATH's Malaria Control and Elimination Partnership in Africa, Clinton Health Access Initiative, WHO, Digital Solutions for Malaria Elimination (DSME) Community, USAID President's Malaria Initiative (Zambia), and others have partnered to bring workshop attendees an interactive workshop on challenges encountered during large-scale intervention delivery campaigns, and how these challenges can be addressed through spatial intelligence and analytic tools. Workshop attendees will learn processes used to build base-maps, guide and support intervention planning, and monitor coverage and impact of intervention delivery through interactive maps. During the workshop, partners will provide use-cases from multiple countries and sectors to describe how spatial intelligence tools and digital mapping approaches are fundamentally changing intervention delivery. They will also showcase some new and upcoming functionalities of several spatial intelligence tools, as well as the importance of integration with DHIS2, Tableau, and other systems. The workshop agenda will include time to brainstorm the potential for applying spatial intelligence tools in projects relevant to participants. All are welcome to attend, including country governments, implementing partners, representatives from donor organizations, and individuals interested in utilizing novel approaches to improve impact in cost-effective ways.



ANNUAL MEETING



Vector-Borne and
Zoonotic Diseases

THE LANCET
Infectious Diseases

WORKSHOPS (cont.)

Public Library of Science - PLOS Writing Workshop

Wednesday, November 20 | Noon – 4:30 p.m.

Attendees must pre-register for this workshop using the [online registration form](#).

PLOS Pathogens and PLOS Neglected Tropical Diseases, along with the American Journal of Tropical Medicine and Hygiene, Vector Borne and Zoonotic Diseases, and The Lancet Infectious Diseases present a Writing Workshop intended to equip and support early-career researchers and researchers from disease endemic regions in understanding the publication process and best practices for manuscript writing. Highlights of the sessions include: Framing your research and choosing your journal, mapping out your paper, abstract writing, the mechanics of writing, and research and publication ethics. For more information contact plospathogens@plos.org.

To facilitate attendance for trainee and LMIC participants, the workshop fee is waived for registered trainees and attendees from low and low-middle income countries. Registration fees collected for this workshop will support ASTMH Travel Awards at the 2020 Annual Meeting.



The best scientific
gathering I have
ever attended.

2018 Attendee



ANNUAL MEETING

REDUCED REGISTRATION
FEE OPPORTUNITIES

See the [online registration form](#) for fee details.

Student/Trainee Reduced
Registration Fee

Pre-doctoral students, post-doctoral students, fellows, residents and undergraduates qualify for the special student/trainee registration fee. You must submit a Certificate of Student Status form with your registration or a letter from a dean or program director verifying you are a student in good standing.

Spouse/Partner/Guest Reduced
Registration Fee

The spouse/partner/guest registration includes the opening reception and admission to the exhibit hall, plenary sessions and poster sessions. Note that the spouse/partner/guest registration is applicable only to attendees from outside of the field of tropical medicine, hygiene and global health.

Emeritus Member Reduced
Registration Fee

To facilitate attendance by emeritus members, ASTMH offers a reduced emeritus member registration fee.

Please note:

We guarantee that registration materials will be available for all pre-registered attendees. Print Program Books will be available for pre-registered attendees who select the option for a printed version during the registration process.

REGISTRATION INFORMATION

Registration Fees

Member, non-member and student/trainee registration fees include plenary sessions, scientific sessions, symposia, poster sessions, exhibit hall admittance, light lunches, coffee breaks and Wednesday's opening reception. Pre-Meeting Courses and CME documentation require additional fees. Participation is limited to registered attendees and guests. The official ASTMH Annual Meeting name badge is required for admittance to all sessions and events. Attendees may register in advance at astmh.org by using the online registration system or by completing the Annual Meeting registration form and submitting it with full payment to the ASTMH office.

	On or before September 20	September 21 through October 18	October 19 through the Annual Meeting
Member	\$585	\$645	\$705
Non-member	\$910	\$970	\$1030
Student/Trainee	\$190	\$250	\$310
Student Non-Member/Trainee	\$215	\$275	\$335
Emeritus Member	\$205	\$265	\$325
Spouse/Partner/Guest	\$185	\$185	\$210
Local Student/Trainee	\$45	\$45	\$45

Join Now

Non-members, [join now](#) and qualify for the reduced member registration fee. Download the membership application or join online at astmh.org. Membership includes an e-subscription and reduced page charges for publication in the Society's monthly journal, the *American Journal of Tropical Medicine and Hygiene*.

Included in the Registration Fee...

Free Wi-Fi for All Attendees

Your ASTMH registration fee includes free Wi-Fi access throughout the registration area and meeting rooms of the Gaylord National Resort and Convention Center. Use Wi-Fi to download the ASTMH meeting app from the Apple Store or Google (Wi-Fi is not needed to view the app or access content).

Meeting App

Approximately one month prior to the meeting, the ASTMH app (available in the App Store and Google Play) will switch automatically to the Annual Meeting app. The meeting app offers easy access to all ASTMH program information. Use the app to view the meeting schedule, session and presenter information, full abstracts, exhibitors, maps and the Twitter feed.

Session Audio Recordings

Registrants will have free access to audio recordings and slides within 48 hours of each session.

Food Functions

- Opening reception
- Coffee breaks
- Light lunches
- Special functions for students/trainees
- Student reception
- Meet the Professors lunches on Thursday, Friday and Saturday

ANNUAL MEETING

e-Abstract Book

The Annual Meeting Abstract Book will be available in electronic format, saving the ecological cost of printing 1.45 million sheets of paper—that's more than 180 trees! The online book will include the full text of abstracts presented at the meeting (does not include Late-Breaker Abstracts). A link to access the e-book will be emailed just prior to the meeting to all pre-registered attendees.

Late-Breaker Abstracts

Late-Breaker Abstracts are specifically designed for presentations of new data obtained after the closing date for regular abstract submissions. Late-Breaker Abstract presentations include: Late-Breakers in Basic Sciences; Late-Breakers in Clinical and Applied Sciences; and Late-Breakers in Malaria.

Online Registration

Online Registration Open through Annual Meeting!

If you are unable to register in advance of the meeting, plenty of opportunity remains. ASTMH will continue to accept online registrations through the Annual Meeting, which ends Sunday, November 24. This means you can register after you arrive in National Harbor (adjacent to Washington, DC), during your travels or onsite, with no waiting in line at the registration area. Simply register online and pick up your badge from the Badge Pickup area. Payment by credit card is required for online registration.

You will receive a confirmation notice by email after your registration is processed. Register online before the Annual Meeting:

1. Go to astmh.org and click the blue Annual Meeting box on the right side of the screen.
2. Click Register Now in the middle of the screen. Click the online registration link and log in.
3. ASTMH MEMBERS: Anyone completing the registration process on your behalf must have your login and password to receive the discounted member rate.
4. NON-MEMBERS: If you are a first-time attendee, you must create a Non-Member profile to proceed with online registration. If you are a returning Non-Member attendee and do not remember your login and/or password, use the Forgot Login/Password links.
5. Follow prompts to register for the meeting.

Do not click the SUBMIT button more than once. This action will result in multiple charges on your credit card.

Registration Payment

Mailed registrations must be in U.S. funds drawn on a U.S. bank and made payable to the American Society of Tropical Medicine and Hygiene. Registrations will only be processed with full payment. Send your registration using only one method of payment. Faxed registration forms that do not contain credit card information do not qualify as an early paid registration. If you wish to make payment by bank transfer, contact Brenda Howe at bhowe@astmh.org to request ASTMH bank details.

Pre-registrations received online, by fax or by postal mail will be confirmed by email. Registration processing time is approximately two weeks. We cannot confirm your registration until it is fully processed. Confirmation will be sent via email.

Americans With Disabilities Act

ASTMH complies with the legal requirements of the ADA and the rules and regulations thereof. Notify us of any special needs using the online registration form or the registration form in this brochure.

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Took what I learned in the classroom and added up-to-date experiences by global titans.

2018 Attendee

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**BEWARE!****Housing scam alert!**

See page 38 for information on unauthorized third parties offering hotel rooms to obtain your credit card information.

ANNUAL MEETING**Cancellations**

Cancellations must be submitted in writing before October 19, 2019 to receive a refund minus a \$100 U.S. administrative fee. Refunds will not be granted after this date and will not be given for no-shows. Submit cancellation requests to Brenda Howe at bhowe@astmh.org.

Membership Status

Membership status for each registrant will be verified. Registrations paid at the member rate without a valid current membership in ASTMH will automatically be charged the non-member registration fee.

Substitution Policy

Substitutions are allowed at any time. A substitution form must be completed and submitted to Brenda Howe at bhowe@astmh.org. Note: If the registration rates are different based on membership category, payment must be provided for any remaining balance. No substitutions will be made after November 6.

Registration Desk

Pick up name badges and program materials at the ASTMH registration desk, located in the Potomac Ballroom Pre-Function area of the ballroom level of the Gaylord National Resort and Convention Center.

Annual Meeting Registration

Wednesday, November 20	7 a.m. – 7:30 p.m.
Thursday, November 21	7 a.m. – 5 p.m.
Friday, November 22	7 a.m. – 5 p.m.
Saturday, November 23	7 a.m. – 5 p.m.
Sunday, November 24	7 a.m. – 10:30 a.m.



ANNUAL MEETING



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No better place to become exposed to the issues and challenges facing neglected tropical diseases.

2018 Attendee

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CONTINUING EDUCATION CREDIT

Continuing Medical Education Accreditation

ASTMH is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ASTMH designates this live educational activity for a maximum of 31.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Continuing Medical Education Credit — \$150 application fee

Use the [online registration](#) form to register and pay for CME credit.

American Board of Internal Medicine (ABIM) Maintenance of Certification (MOC) Credit Submit CME Survey and CME Claim Form by Wednesday, November 27 in order to receive ABIM MOC credit.

If you wish to receive ABIM MOC credit, you must register for CME credit for \$150. We cannot issue ABIM MOC credit unless the registration includes payment for CME credit. Successful completion of the Annual Meeting CME activity, which includes participation in the evaluation component, enables the participant to earn up to 31.25 Medical Knowledge MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Your participation information, as well as your ABIM member ID and date of birth will be shared with the American Board of Internal Medicine via the Accreditation Council for CME PARS system for the purpose of reporting MOC completion.

PLEASE NOTE:

- CME registrants seeking ABIM MOC credit must complete the CME Survey and CME Claim Form by Wednesday, November 27 in order to receive ABIM MOC credit.
- Pre-meeting courses are not eligible for ABIM MOC credit.
- Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity.
- Attendees seeking ABIM MOC credit must provide their ABIM MOC ID number and date of birth during the registration process.

Physician Assistant Continuing Education Credit — \$150 application fee

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit™* from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 31.25 *AMA PRA Category 1 Credits™* for completing this program. Use the Annual Meeting registration form to register and pay for CME credit.

Veterinarian Continuing Education Credit — \$150 application fee

To better serve the continuing education needs of the full range of disciplines participating in the Annual Meeting, ASTMH offers accredited CE sessions for veterinarians. The Society's application is reviewed by the determining body, the American Association of Veterinary State Boards RACE Committee. Anticipating approval, ASTMH is typically notified just prior to the start of the Annual Meeting. Register for this CE onsite or check off the veterinary CE box when registering.

Disclosure of Faculty's Commercial Relationships

Consistent with ASTMH policy, faculty are required to disclose any economic or other personal interests that create, or may be perceived as creating, a conflict of interest related to the material discussed. ASTMH resolves all conflicts of interest. Faculty are required to disclose at the beginning of their presentation(s) any relevant financial relationships, as well as any product mentioned during the presentation that is not labeled for the use under discussion or is still investigational. This policy is intended to allow attendees to form their own judgments about such material.

ANNUAL MEETING



Schedule-at-a-Glance*

(*Subject to change)

Tuesday, November 19Noon – 6 p.m. [ASTMH Board of Directors Meeting](#)**Wednesday, November 20**

7 a.m. – 7:30 p.m. Registration

7 a.m. – 4:15 p.m. **Clinical Pre-Meeting Course: Tropical Diseases Encountered in Non-Travel Clinics**7 a.m. – 4:15 p.m. **Parasitology Pre-Meeting Course: Imaging Parasites from Single Molecules to Whole Organism**7:30 a.m. – 4:15 p.m. **Global Health Pre-Meeting Course: Field Applications for Stopping Infectious Disease Threats at International Points of Entry**7:30 a.m. – 3:15 p.m. **Arbovirology Pre-Meeting Course: Arboviroemics: How 'omics' Technologies are Advancing Arbovirus Research and Control**10 a.m. – 3 p.m. **Young Investigator Award Competition**
Supported by William A. Petri, Jr.

10:30 a.m. – 2:30 p.m. Communications Workshop

11 a.m. – Noon American Committee on Arthropod-Borne Viruses (ACAV)
SIE Subcommittee Meeting

Noon – 2 p.m. ACAV SIRACA Subcommittee Meeting

Noon – 4 p.m. Elsevier Clinical Research Award Competition

2 p.m. – 3:30 p.m. ACAV SALS Subcommittee Meeting

2:30 p.m. – 3:30 p.m. **Point of Entry: First-Time Attendee Orientation**3:30 p.m. – 5:30 p.m. [ASTMH Committee on Global Health \(ACGH\) Council Meeting](#)[American Committee of Molecular, Cellular and Immunoparasitology \(ACMCIP\) Council Meeting](#)

4 p.m. – 5 p.m. Student Reception

4 p.m. – 5:30 p.m. American Committee of Medical Entomology (ACME)
Council Meeting[American Committee on Arthropod-Borne Viruses \(ACAV\)
Council Meeting](#)[American Committee on Clinical Tropical Medicine and Travelers' Health \(ACCTMTH – Clinical Group\) Council Meeting](#)5:30 p.m. – 7 p.m. **Official Opening of the Annual Meeting**

Keynote Address and Awards Program

Keynote Address:

Abhay Bang, MD, MPH, D.Sc (Hon.), D.Lit (Hon.)

Rani Bang, MD, MPH, D.Sc (Hon), D.Lit (Hon.)

Co-Founders of SEARCH, Maharashtra, India

7 p.m. – 9:30 p.m. **Welcome Reception and Exhibit Hall Opening**
Sponsored by Bavarian Nordic A/S

ANNUAL MEETING**Schedule-at-a-Glance* (cont.)**

(*Subject to change)

Thursday, November 21

7 a.m. – 5 p.m.	Registration
8 a.m. – 9:45 a.m.	Scientific Sessions/Symposia
9:30 a.m. – 10:30 a.m.	Exhibits
9:45 a.m. – 10:15 a.m.	Coffee Break
10:15 a.m. – Noon	Scientific Sessions/Symposia
Noon – 1:45 p.m.	Poster Session A Presentations and Exhibits; Light Lunch
12:15 p.m. – 1:30 p.m.	Meet the Professors and Midday Sessions
1:45 p.m. – 3:30 p.m.	Scientific Sessions/Symposia
3:15 p.m. – 4:15 p.m.	Exhibits
3:30 p.m. – 4 p.m.	Coffee Break
4 p.m. – 5:45 p.m.	Scientific Sessions/Symposia
6:15 p.m. – 7 p.m.	Plenary Session: Fred L. Soper Lecture Peter Hotez, MD, PhD, FASTMH Baylor College of Medicine
7:15 p.m. – 9 p.m.	Sponsored Symposium

Friday, November 22

7 a.m. – 5 p.m.	Registration
8 a.m. – 9:45 a.m.	Scientific Sessions/Symposia
9:30 a.m. – 10:30 a.m.	Exhibits
9:45 a.m. – 10:15 a.m.	Coffee Break
10:15 a.m. – Noon	Scientific Sessions/Symposia
Noon – 1:45 p.m.	Poster Session B Presentations and Exhibits; Light Lunch
Noon – 1 p.m.	Mid-Day Session: A Career in Tropical Medicine/Global Health Research: A Conversation with Dr. Francis S. Collins, MD, PhD, National Institutes of Health, USA
12:15 p.m. – 1:30 p.m.	Meet the Professors and Midday Sessions
1:45 p.m. – 3:30 p.m.	Scientific Sessions/Symposia
3:15 p.m. – 4:15 p.m.	Exhibits
3:30 p.m. – 4 p.m.	Coffee Break
4 p.m. – 5:45 p.m.	Scientific Sessions/Symposia
6:15 p.m. – 7 p.m.	Plenary Session: Commemorative Fund Lecture Moses Kamya, MBChB, MMed, MPH, PhD Makerere University
7:15 p.m. – 9 p.m.	Sponsored Symposium

ANNUAL MEETING



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An invaluable opportunity to get science updates, network with friends and colleagues, and plan future collaborations. I go every year.

2018 Attendee

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Schedule-at-a-Glance* (cont.)

(*Subject to change)

Saturday, November 23

7 a.m. – 5 p.m.	Registration
8 a.m. – 9:45 a.m.	Scientific Sessions/Symposia
9:30 a.m. – 10:30 a.m.	Exhibits
9:45 a.m. – 10:15 a.m.	Coffee Break
10:15 a.m. – Noon	Scientific Sessions/Symposia
Noon – 1:45 p.m.	Poster Session C Presentations; Light Lunch
Noon – 2:30 p.m.	Exhibits
12:15 p.m. – 1:15 p.m.	ASTMH Annual Business Meeting (open to all)
12:15 p.m. – 1:30 p.m.	Meet the Professors and Midday Sessions
1:45 p.m. – 3:30 p.m.	Scientific Sessions/Symposia
4 p.m. – 5:45 p.m.	Scientific Sessions/Symposia
6:15 p.m. – 7 p.m.	Plenary Session: ASTMH President's Address Chandy John, MD, MS, FASTMH Indiana University School of Medicine
7:15 p.m. – 9 pm.	Special Session: Film Screening – “Under the Mask”

Sunday, November 24

7 a.m. – 10:30 a.m.	Registration
7:30 a.m. – 9:30 a.m.	ASTMH Board of Directors Meeting
8 a.m. – 9:45 a.m.	Scientific Sessions/Symposia
10:15 a.m. – 11 a.m.	Plenary Session Josephine (Jody) Olsen, PhD, MSW Peace Corps
11:15 a.m. – 1 p.m.	Scientific Sessions/Symposia
1 p.m.	Annual Meeting Adjourns



Julian Rayner @rayner_julian · 28 Oct 2018

Only the first night of #TropMed18 and already feeling the heat of non-stop science, meetings and catching up with friends. Going to be a great week, but can someone tell me whether IV coffee is a thing? Think I'll need it by Tuesday.

#IamTropMed

ANNUAL MEETING



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All-under-one-roof
tropical medicine.

2018 Attendee

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TRAVEL INFORMATION

National Harbor, Maryland (adjacent to Washington, DC)

National Harbor is a community unlike any other in the Washington, DC region, designed to take full advantage of the most historic river in the nation. Rising from the banks of the Potomac River, just south of the Woodrow Wilson Bridge in Prince George's County, Maryland, National Harbor is a 350-acre resort destination that includes the Gaylord National Resort and Convention Center, Tanger Outlets, thousands of hotel rooms, hundreds of residential and office units, tree-lined promenades with scores of popular shops and restaurants, a marina, and The Capital Wheel — a 180-foot observation wheel featuring panoramic views of the nation's capital.

Attendees Traveling from Overseas — Obtaining a Temporary Travel Visa

Visit www.usa.gov/visas for step-by-step instructions on the process for obtaining a temporary visa. Acquiring visas is a function of the United States government; ASTMH does not have a role in obtaining visas.

Invitation Letters — Available Online

You must be registered for the Annual Meeting in order to generate an automated invitation letter. [Click here](#) to generate your invitation letter. If you require an invitation letter prior to registering, contact Yvonne Aiken at yaiken@astmh.org. Invitation letters are only for attendees who live outside the U.S. and are not U.S. citizens. These invitation letters are required for travel visas.

Area Airports**Ronald Reagan Washington National Airport (DCA)**

Airport Phone: +1-703-417-8000

Hotel distance: 6.9 miles

Washington Dulles International Airport (IAD)

Airport Phone: +1-703-572-2700

Hotel distance: 32.3 miles

Baltimore/Washington International Thurgood Marshall Airport (BWI)

Airport Phone: +1-410-859-7111

Hotel distance: 42 miles

Attire, Climate and Time Zone

Temperatures in the National Harbor area in November can range from 40° to 70° Fahrenheit. Because of varying temperatures in hotel meeting rooms, we recommend that you dress in layers or bring a sweater or other warm clothing to wear during the meeting sessions. National Harbor, Maryland is located in the eastern time zone of the United States.

Warning: Housing Scam Alert!

Unauthorized third parties are hosting fraudulent ASTMH Annual Meeting Websites and/or contacting previous Annual Meeting attendees and offering discounted hotel rooms for the 2019 Annual Meeting. These solicitations ask for credit card information and have resulted in fraudulent charges. Do not provide any information. If you are approached by anyone offering a special hotel rate or hotel room for the ASTMH Meeting, please contact info@astmh.org.



BEWARE!

ANNUAL MEETING**HOTEL INFORMATION**

Annual Meeting sessions and events will be held at the Gaylord National Resort and Convention Center.

Gaylord National Resort and Convention Center

201 Waterfront Street
National Harbor, Maryland 20745
Phone +1-877-491-0468

For reservations, call the hotel at +1-877-491-0468. Mention that you are an ASTMH attendee to receive the special conference group rate of \$267.00 plus applicable taxes. A limited number of rooms are available for government employees at the prevailing government rate (ID required at check-in). Discounted rooms are sold on a first-come, first-served basis and apply only to reservations received before October 17, 2019, provided rooms are still available in the room block. Make your reservations now!

[Click here to make an online hotel reservation.](#)

Hotel Parking

On-site parking, fee: \$14 USD hourly, \$30 USD daily

Valet parking, fee: \$49 USD daily

Additional parking fees: 1-2 hours \$20; 2-3 hours \$24

Ground Transportation

Driving directions: Follow Airport Exit signs toward Washington, DC. Take exit 2B for MD 295-South/Baltimore Washington Parkway toward Washington. Merge onto I-295-South toward Washington. Stay on I-295-South for about 35 miles. Take Exit 1B (the very last exit on I-295-South, past exit 1) toward National Harbor. Turn right on Waterfront Street. The resort is on the right side of the street.

Child Care

Contact the Gaylord National Resort and Convention Center at +1-877-491-0468 to inquire about childcare service providers in the area.

Request For Meeting Space

Is your organization interested in holding a meeting during the Annual Meeting? Submit a meeting space request form, located on the Annual Meeting section at astmh.org.

Unauthorized Photography

Still and video photography of educational sessions is strictly prohibited. Attendees using cameras in educational sessions without permission will be asked to leave the conference and will not be issued a refund.

ANNUAL MEETING**EXHIBIT AND SPONSORSHIP INFORMATION**

For exhibit and sponsorship information, contact Brenda Howe, Meeting and Partnerships Manager, at bhowe@astmh.org or phone +1-703-650-5828.

ONLINE SESSION SCHEDULE

Beginning October 1, search the Annual Meeting Online Program Planner at astmh.org. Access information and build an itinerary of sessions you plan to attend.

MEETING APP

By October 21, the ASTMH app (available in the App Store and Google Play) will switch automatically to the Annual Meeting app. Download the app before the meeting for easy access to all ASTMH program information. The app will only need WiFi for program updates. Use the app to view the meeting schedule, session and presenter information, full abstracts, exhibitors, maps and the Twitter feed. All plenary sessions, scientific sessions, poster sessions, symposia and abstracts will be available for viewing. You can transfer your Online Program Planner itinerary to the meeting app when it becomes available in October. The print Program Book distributed onsite is also available electronically and emailed just prior to the meeting to all pre-registered attendees.

IMPORTANT DATES TO REMEMBER!

Early-Bird Discount Registration Deadline:

September 20

Hotel Room Discount on Available Room Deadline:

October 17

Pre-Registration Discount Registration Deadline:

October 18

Registration Cancellation Deadline:

October 19

Registration Rate:

October 19 – November 24

MARK YOUR CALENDAR!**ASTMH 69th Annual Meeting**

November 15-19, 2020 (Sunday through Thursday)

Metro Toronto Convention Centre

Toronto, Ontario, Canada

ASTMH 70th Annual Meeting

November 17-21, 2021 (Wednesday through Sunday)

Gaylord National Resort and Convention Center

National Harbor, Maryland USA (adjacent to Washington, DC)

ASTMH 71st Annual Meeting

October 30-November 3, 2022 (Sunday through Thursday)

The Washington State Convention Center

Seattle, Washington USA

ASTMH 72nd Annual Meeting

October 18-22, 2023 (Wednesday through Sunday)

Hyatt Regency Chicago

Chicago, Illinois USA