Sixth Annual "ASTMH in Peru" March 21-23, 2016 Lima, Peru



# Stephen Higgs, PhD, FRES, FASTMH President American Society of Tropical Medicine and Hygiene Director, Biosecurity Research Institute, Kansas State University



















#### Sexta Conferencia Anual ASTMH Latinoamérica en Perú "ALAN J. MAGILL"

21- 23 de Marzo del 2016 Centro de convenciones de Lima



#### Thank you to our partners!

#### Andres G. (Willy) Lescano, PhD, MHS, MHS.

Profesor Asociado y Coordinador General, Maestría en Investigación Epidemiológica. (Associate Professor and Coordinator, Masters' in Epidemiological Research). Facultad de Salud Pública y Administración, Universidad Peruana Cayetano Heredia



Instituto de Medicina Tropical Alexander Von Humboldt, Universidad Peruana Cayetano Heredia, IMT AVH UPCH

Instituto de Medicina Tropical, Universidad Nacional Mayor de San Marcos, IMT UNMSM Sociedad Peruana de Enfermedades Infecciosas y Tropicales, SPEIT Emerge, Unidad de Investigación y Consorcio de Entrenamiento en Enfermedades Emergentes y Cambio Climático

National Institute of Health, INS
Alexander Von Humboldt Tropical Medicine Institute, Universidad Peruana Cayetano
Heredia, IMT AVH UPCH
Tropical Medicine Institute,
Universidad Nacional Mayor de San Marcos, IMT UNMSM
Peruvian Society of Infectious and Tropical Diseases, SPEIT
Emerge, Research Unit and Training Consortium in Emerging Diseases and Climate Change



# THE SIGNIFICANCE OF PERU TO THE ASTMH





#### Peru Representation in ASTMH\*



- 81 members of ASTMH are from Peru
- 3 Peruvian Travel Award Recipients in 2015
- ASTMH members in neighboring countries:
  - Bolivia: 1
  - Brazil: 39
  - Chile: 2
  - Colombia: 28
  - Ecuador: 6





#### **ASTMH 2015 Annual Meeting**

Peruvian presenters: 76 presentations (oral and posters) 2 by travel awardees

#### First Annual ASTMH in Peru, 2011

- Date: February 16, 2011
- Where: Daniel A. Carrión Convention Center, Peruvian Medical Board of Physicians, Miraflores,
- 205 Attendees
- 45 Poster presentations
- 11 Oral presentations
- Honorary ASTMH member Dr. Eduardo Gotuzzo Herencia gave the opening presentation, highlighting the long history between Peru and the Society.



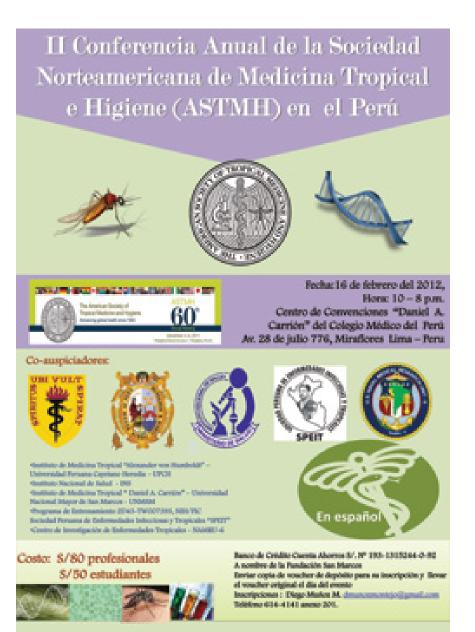








#### Second Annual ASTMH in Peru, 2012



- Date: February 16, 2012
- Where: Auditorium of the College of Physicians
- 324 Attendees
- 43 Poster presentations
- 13 Oral presentations
- Topics focused on health issues relevant to Peru, malaria, leishmaniasis, cysticercosis, dengue fever, enteric disease



#### **Second Annual ASTMH in Peru**







#### 3<sup>rd</sup> Annual ASTMH in Peru, 2013



- Date: February 13, 2013
- 350 attendees
- 59 Poster Presentations
- 20 Oral Presentations
- Alejandro Llanor-Cuentas, president of SPEIT welcomed attendees
- Cesar Cabezas provided inaugural comments
- President-Elect Alan Magill, MD, FASTMH presented "Accelerating to Zero: An Analytic Framework for Malaria Eradication



#### 4<sup>th</sup> Annual ASTMH in Peru, 2014

















#### FOURTH ASTMH PERU ANNUAL CONFERENCE

Complejo Empresarial de la Cámara de Comercio de Lima Av. Giuseppe Garibaldi 396 (ex-Gregorio Escobedo), Jesús María Wednesday, 19 February 2014

8:05 Presentation of Co-Organizers
08:30 - 09:00 Welcome

Dr. César Cabezas Director Instituto Nacional de Salud

09:00 - 09:15

Dr. Sofia González

Sociedad Peruana de Enfermedades Infecciosas y Tropicales

09:15 - 12:30 Oral presentations (20). Samuel Gleiser Katz Auditorium, Second floor

12:30 - 13:00 RECESS

13:00 - 14:30 Poster presentations (74). Main hall, Second floor

Workshop: Professional progression for investigators. Samuel Gleiser Katz Auditorium, Second floor Introduction, Dr. Willy Lescano, NAMRU-6

Scientific publications and institutional journals: Verifying quality, Dr. Claudio Lanata, IIN and NAMRU-6 Funding opportunities for graduate studies, Dr. Ernesto Bustamante, CONCYTEC

Meeting Peruvian research groups. Rómulo Ferrero Auditorium, Second floor Socios en Salud, Instituto Nacional de Salud, IMT DA Carrión, IMT AvHumboldt, NAMRU-6

17:00 - 18:00 Bridging research and public policies, Round table discussions. San Felipe D Auditorium, Second floor

Arthropod-borne diseases. Facilitator: Zoonotic diseases. Facilitator:

Diarrheal diseases. Facilitator:

Manuscript writing workshop sponsored by PLOS Neglected Tropical Diseases and the American Journal of Tropical Medicine and Hygiene, Samuel Gleiser Kats Auditorium, Second floor

Dr. Amy Morrison Dr. Daniel Bausch

Keynote presentation: International collaborative training grants in Infectious Diseases - Challenges and

opportunities. Samuel Gleiser Kats Auditorium, Second floor

Dr. Richard Oberhelman

President, Clinical Group, American Society of Tropical Medicine and Hygiene

Dr. Eduardo Gotuzzo Herencia

Director, Instituto de Medicina Tropical "Alexander von Humboldt"

Universidad Peruana Cayetano Heredia

Closing remarks
Dr. Alan Magill

American Society of Tropical Medicine and Hygiene

- Date: February 19, 2014
- Where: Auditorium of the College of Physicians
- 388 Attendees
- Keynote address by Richard Oberhelman, MD





#### 5<sup>th</sup> Annual ASTMH in Peru, 2015





- Date: February 18-19, 2015
- 480 Attendees
- New pre-meeting course attended by 126 trainees

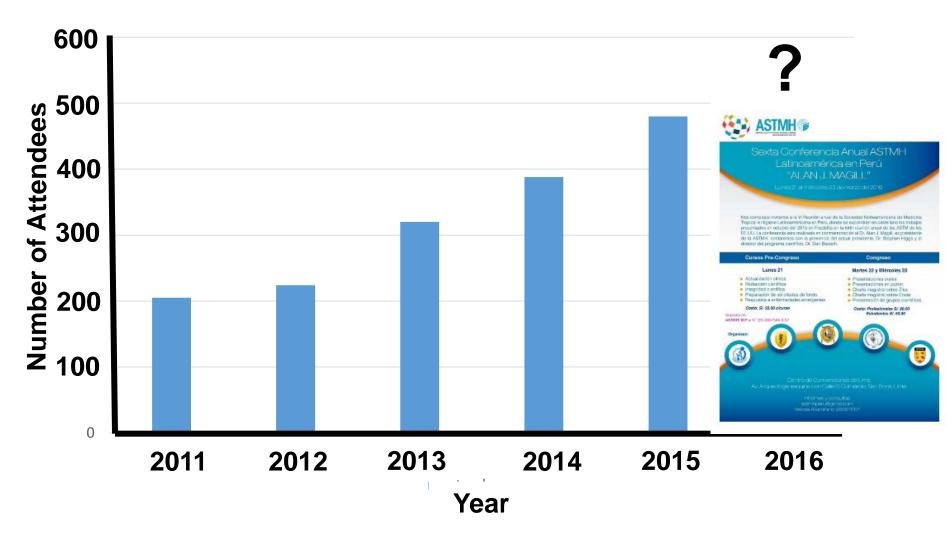








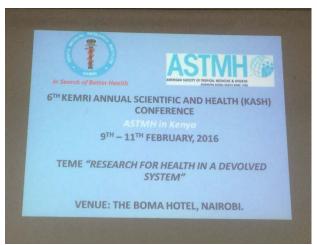
#### **Attendees at ASTMH Peru Meetings**







#### FIRST "ASTMH IN KENYA" DRAWS 150 ATTENDEES TO SCIENTIFIC SESSIONS AND WRITING WORKSHOP



The first "ASTMH in Kenya" meeting took place on February 9 in Nairobi, launching a new partnership between ASTMH, our Kenyan colleagues at the Kenya Medical Research Institute (KEMRI) and the KASH conference. This forum builds on the successful annual series developed by our colleagues in Peru. ASTMH President Stephen Higgs, PhD, FRES, FASTMH, delivered the opening keynote address and ASTMH Councilor Serap Aksoy, PhD, FASTMH, hosted a writing workshop that elicited a robust

discussion on the challenges and barriers to publishing. Our thanks to Dr. Aksoy, who worked to bring this to fruition with Pauline Mwinzi, PhD, Chair of the KASH Planning Committee. ASTMH in Kenya preceded the 6th KEMRI Annual Scientific and Health (KASH) Conference on February 10-11.



TMH President Stephe





# The American Society of Tropical Medicine and Hygiene: Past, Present and Future



# ASTMH: The Past A rich history of global impact



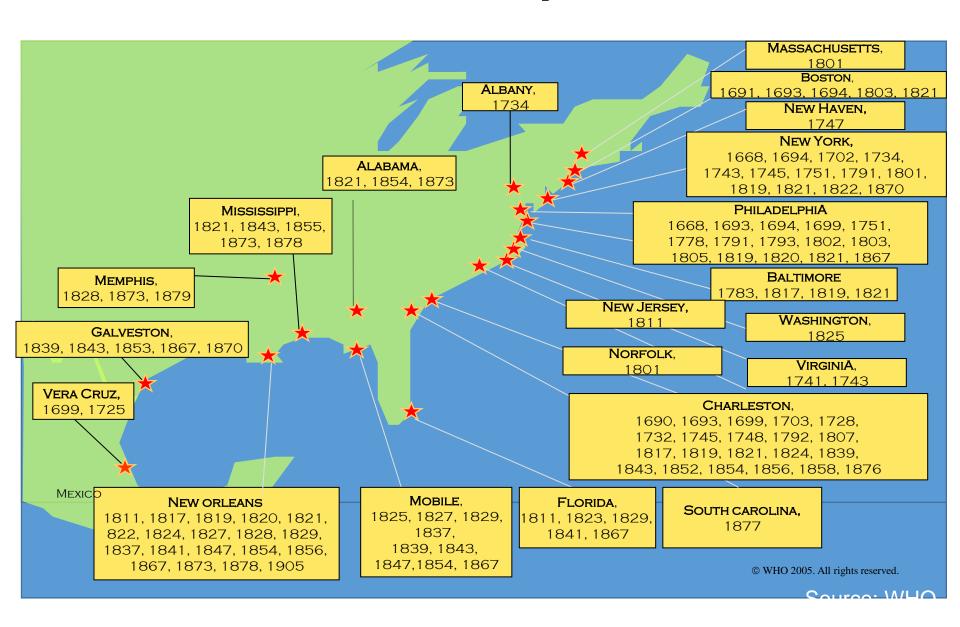
# Why did the United States need a society focusing on tropical medicine and hygiene?

#### 18th-19th Centuries

- Yellow fever epidemics in US and Europe linked to colonial development and the slave trade
- Most dreaded disease in North America
  - 500,000 cases, 100,000 deaths total
  - Texas to New England affected
- Napoleon abandons conquests after 23,000 troops die in Haiti



#### **Historical YF Epidemics**



#### Spanish American War, 1898

#### Casualties

- 260 die in battleship Maine explosion
- 968 die in combat
- 5000+ die of disease, mostly yellow fever

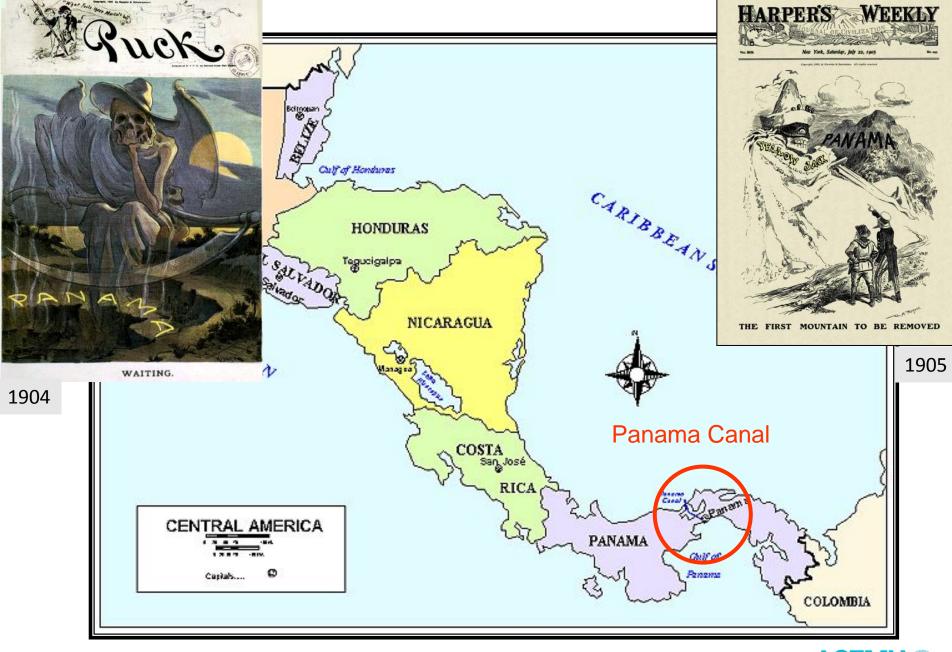




## United States Army Yellow Fever Commission- 1900 -1901

- Mosquito (Ae. aegypti) transmission (volunteer studies)
- Incubation period 3-6 days
- Extrinsic incubation period in mosquito required (12 days)
- Filterable virus
- Not transmissible by air, contact, fomites







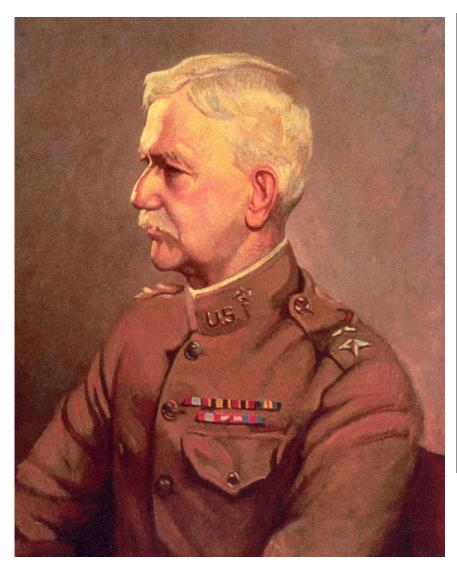
## William Crawford Gorgas letter to Henry Rose Carter, December 13, 1900



"Evidence seems to point very strongly to the mosquito being the transmitter of the disease".



#### William Crawford Gorgas1854-1920



1904: Gorgas' team arrives in Panama—

within a month all contracted malaria— Gorgas' urgent requests are ignored by Canal authorities

Yellow fever outbreak causes a panic in Panama, most American canal workers flee and work is

virtually halted

July 1905: Stevens arrives as new Chief

Engineer in Panama and Gorgas' public health efforts are given top

priority

March 1905:

Dec 1905: Yellow fever eliminated from

Panama







The College of Physicians of Philadelphia

The ASTMH was originally founded as The Society of Tropical Medicine of Philadelphia by 28 physicians on March 9, 1903. Twelve days later the name was changed to the American Society of Tropical Medicine.

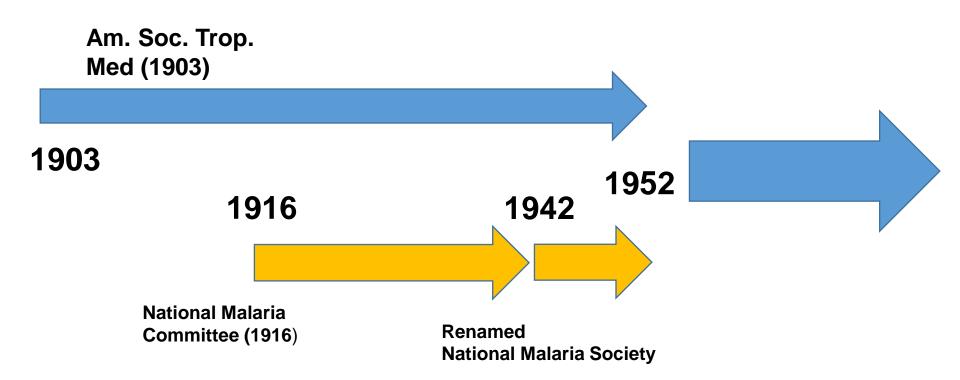


First meeting was held at the College of Physicians in Philadelphia on March 21. 1904.



#### **ASTMH: Evolution**

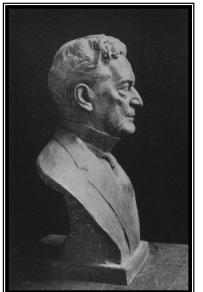
Soc. Trop. Med. Philadelphia (1903)

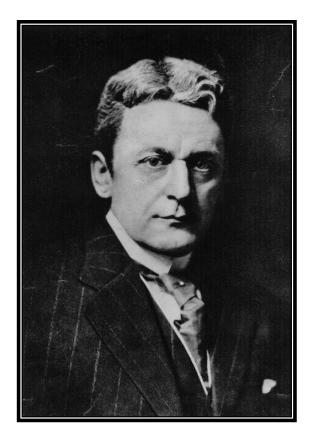




### Thomas H. Fenton (28 May 1856 – 23 February 1929) First President, American Society of Tropical Medicine

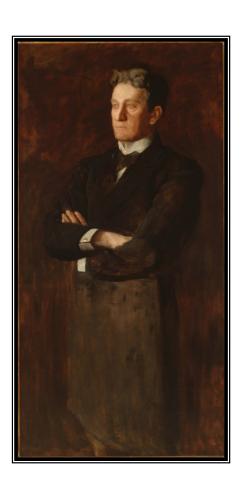








"Dr. Thomas H.
Fenton," by Thomas
Eakins, 1905
Delaware Art Museum,
Wilmington, Delaware



"My Father, Thomas H. Fenton, M.D." by Beatrice Fenton (1887 – 1983)



## William Crawford Gorgas (1844 – 1920) Fourth President, American Society of Tropical Medicine









#### **Clara Southmayd Ludlow**



#### First Female Member, First Nonphysician Scientist Member in 1908

1900 Graduated from MS A&M in with a Bachelor of Science in Agriculture and in 1901 a Master of Arts degree in Botany

1904 she was Lecturer on mosquitoes and disease at the Army Medical Museum, Washington, D.C. 1908 she received her Doctor of Philosophy. Her dissertations was entitled "The Mosquitoes of the Philippine Islands: The Distribution of Certain Species and Their Occurrence in Relation to the Incidence of Certain Diseases".

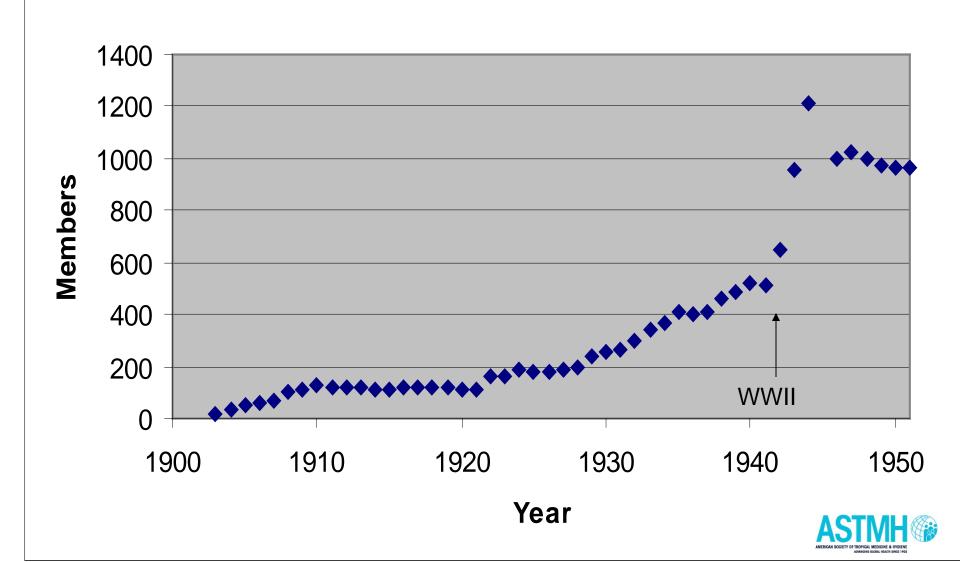
In 1908 she was elected to the ASTM, being the 1<sup>st</sup> female and 1<sup>st</sup> non-physician member.

1916-1920 she worked as anatomist at the Army Medical Museum of Health and Medicine, Washington D.C.

First woman known to have published extensively on the taxonomy of mosquitoes.



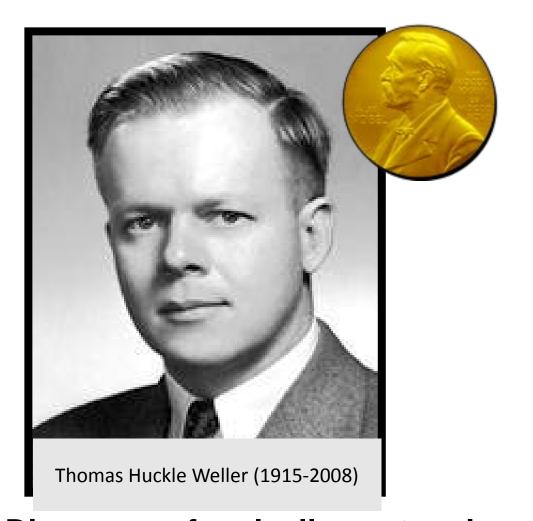
## Total membership in the ASTM 1903 - 1951

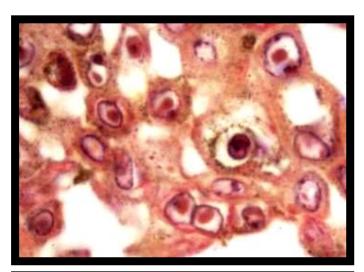


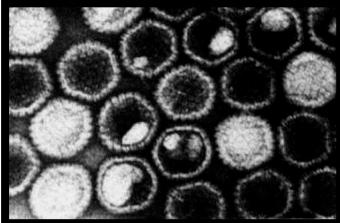


# Some Distinguished ASTMH Members

#### Thomas H. Weller (1915-2008)





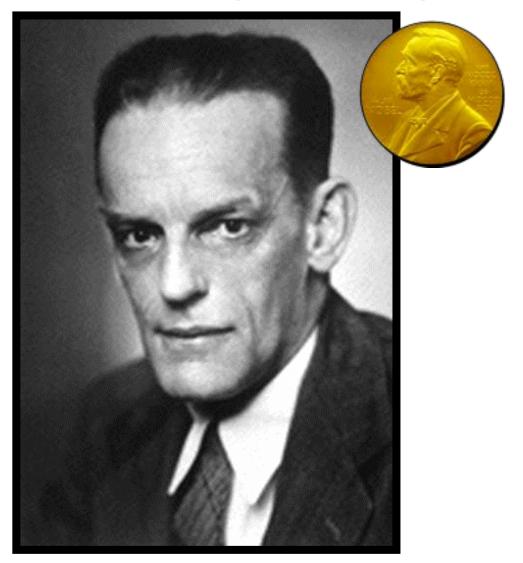


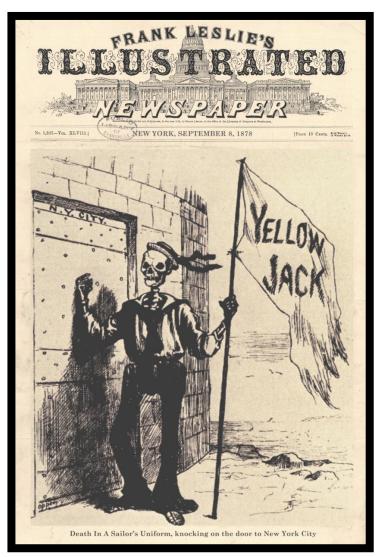
Varicella-zoster virus

Discovery of varicella-zoster virus (chickenpox)

Development of cell cultures for polio and attenuation by serial passage for vaccine

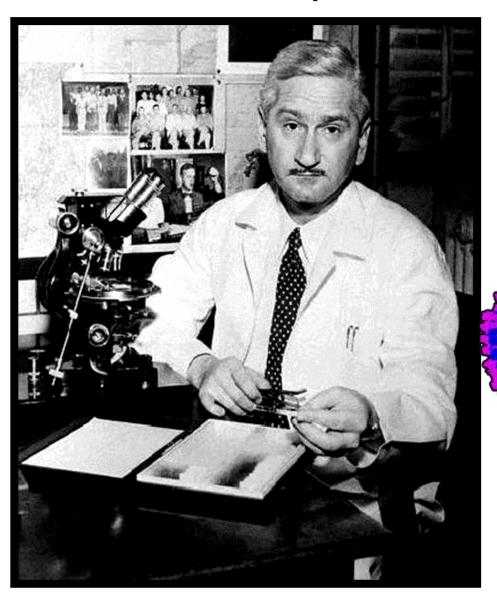
#### Max Theiler (1899-1972)

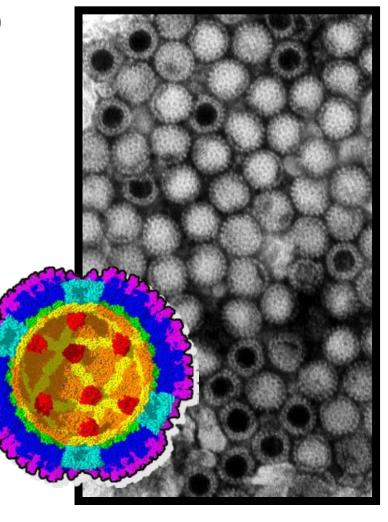




Development of mouse model and of YFV vaccine

Albert B. Sabin (1906-1993)

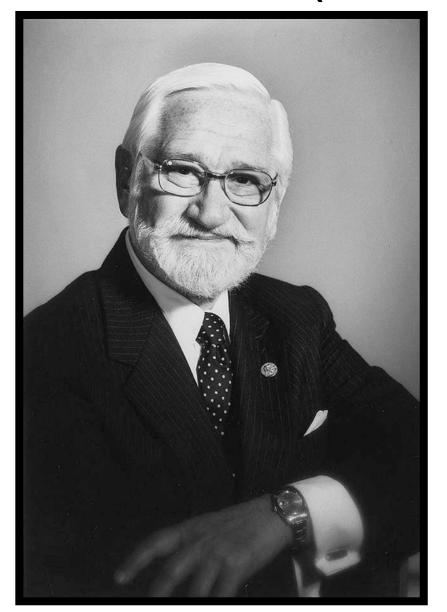




Discovery of orthoreoviruses



### Albert B. Sabin (1906-1993)

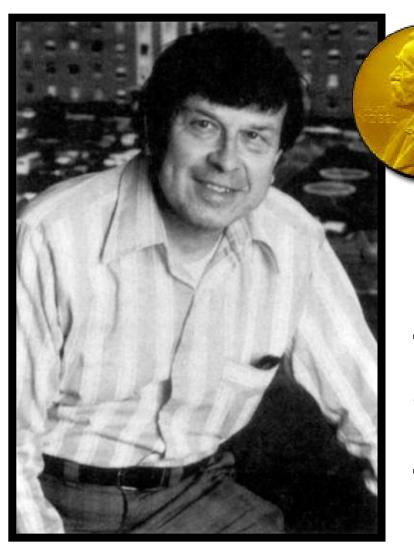






Development of attenuated live virus for polio vaccine

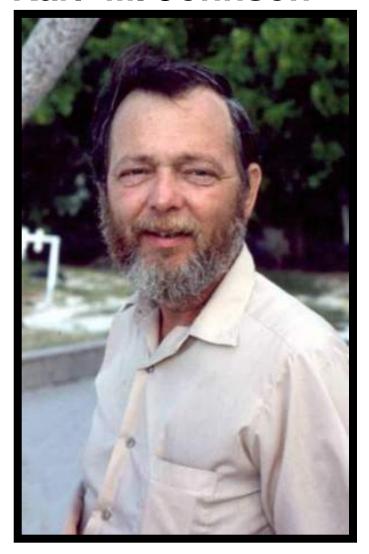
### Carleton Gajdusek (1929-2008)



Transmission of etiologic agent of kuru to non-human primates
The kuru prion



### Karl M. Johnson



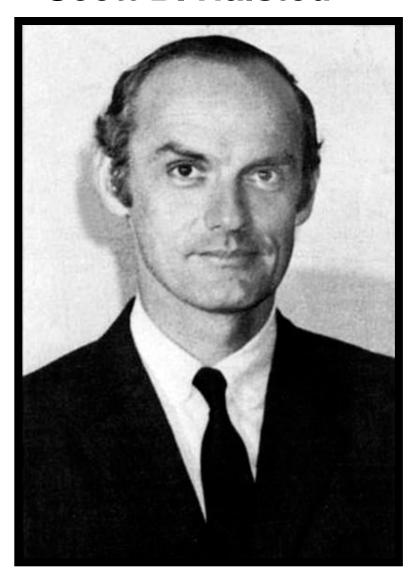


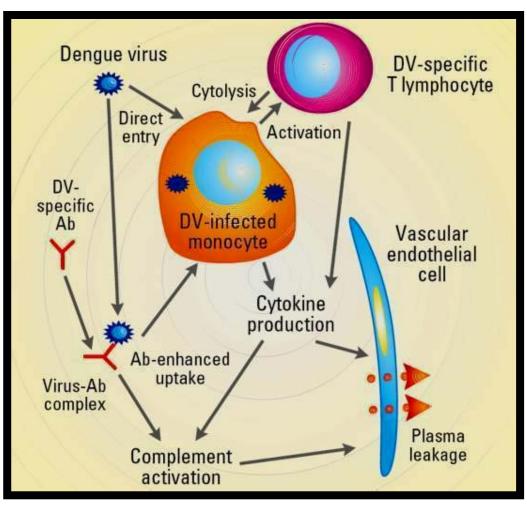


LuAnne Elliott in the first positive pressure maximum containment suit, invented by Karl Johnson CDC, 1977

Discovery of Ebola virus and development of civilian high-containment virology laboratories

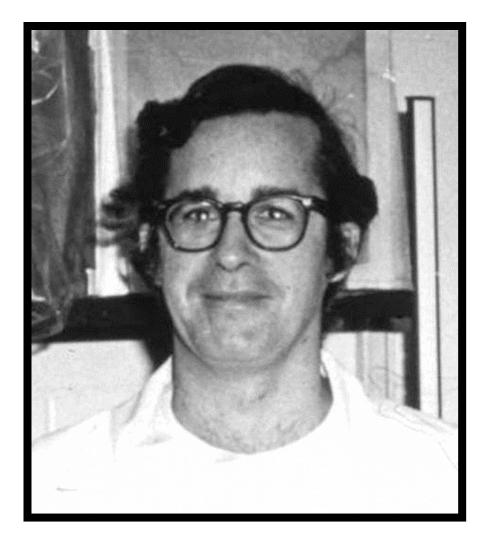
### Scott B. Halsted



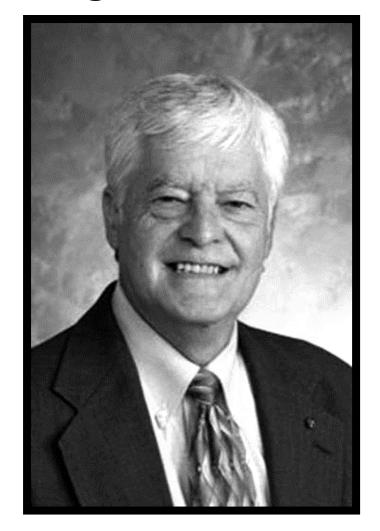


Description of antibody-dependent enhancement

### **Bob Tesh**



## **Doug Watts**

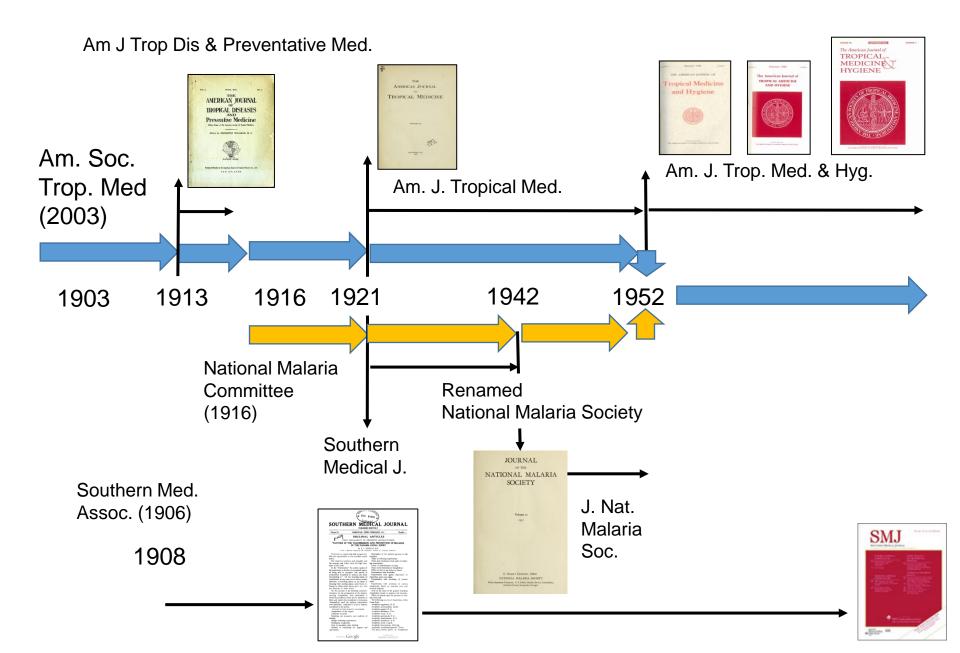






## **ASTMH: The Journal**

## **ASTMH: The Journal**





## THE AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE

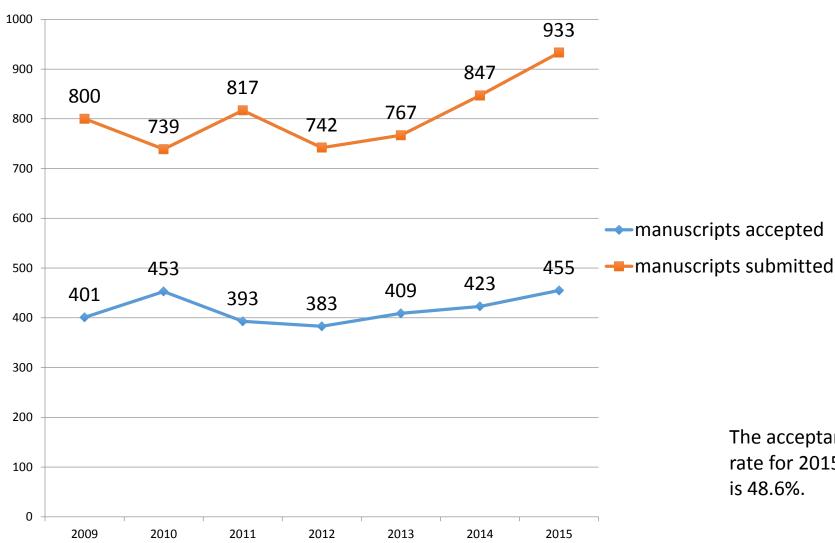
official Journal of the American Society of Tropical Medicine and Hygiene

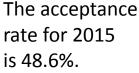
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	MAGES IN CURIOAL PROBLEMS INSTRUMENT WITH 178 lesions cured with fluconazole treatment of the magestar of the			Monocional antibodies for the diagnosis of Borrella crocidurae Aurelien Fotas Fotas, Oleg Medianvikov, Claude Nappez, Said Azza, Didier Raoult, and Michel Drancourt Burkholderia pseudomatel genotype distribution in the Northern Territory, Australia Stephanie N.J. Orapple, Erin P. Price, Dorek S. Sarovich, Evan McRobb,		61
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	Review article: Point-of-care ultrasound assessment of tropical infectious disease—a review of applications and perspectives Sabine Bellart, Francesca Tamarozzi, Amaya L. Bustleting, Claudia Walfrauch, Martin P. Grobusch, Walter Kuhn, Errico Brunetti, Elizadia Walfrauch, Martin P. Grobusch, Walter Kuhn, Errico Brunetti, Elizadia Walfrauch, and Tom Heller.			Dennis L. Chao, and Renaud Piarroux Serologic evidence for fecal-oral tr. David Bul, Heidi E. Brown, Robin B. H	ansmission of Helicobacter pylori	76 82
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	National surveillance of spotted fever group ric United States, 2008–2012 Naomi A. Drexler, F. Scott Dahlgren, Kristen Nicho Robert F. Massung, Christopher D. Paddock, and	ols Heitman,	26	Polymerase chain reaction in the di recurrence in the setting of negative Golam Hasnain, Ariful Basher, Proggar Faria Hossain, Shakhawat Hossain, ar	e splenic smears nanda Nath, Prakash Ghosh,	99
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	Increasing incidence of ehrlichiosis in the United States: A summary of national surveillance of Ehrlichia chaffeensis and Ehrlichia ewingli infections in the United States, 2008-2012 Kristen Nichols Helman, F. Scott Dahigen, Naomi A. Drexler,		43	Quantitative kinetoplast DNA assessment during treatment of mucosal leishmaniasis as a potential biomarker of outcome: A pilot study Mariene Jara, Braulio Mark Valencia, Vanessa Adau, Milena Alba, Rachel Lau, Jorge Arevalo, Aleiandro Llanos-Cuentas, and Andrea K Bogalid		ild 107
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The current publication by the ASTMH, The American Journal of Tropical Medicine and Hygiene.



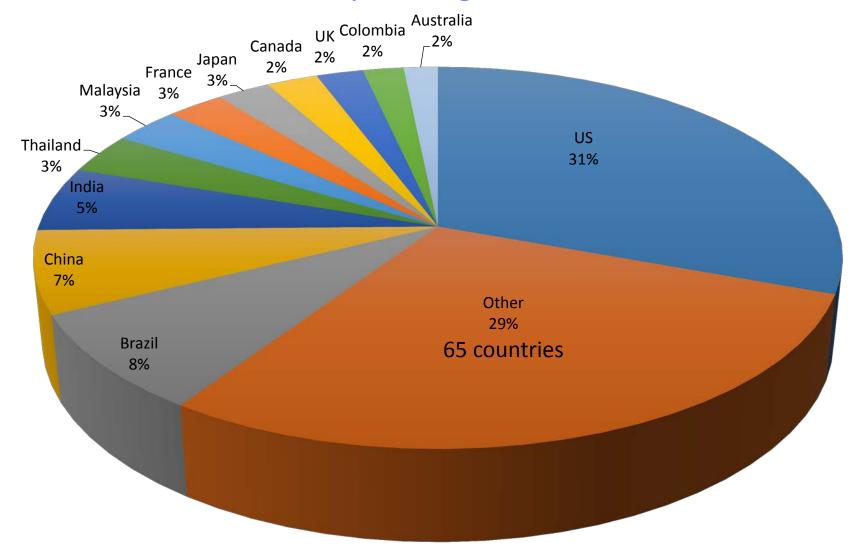
## **AJTMH Manuscripts Submitted & Published**



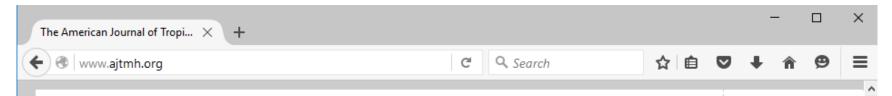




## Manuscripts submitted in 2015 by country of corresponding author









## THE AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE

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### AJTMH website traffic 2015

Country	Visits
United States	194,941
India	42,860
UK	42,438
Brazil	35,635
Australia	20,151
Canada	18,763
China	14,979
Thailand	15,371
Indonesia	13,095
France	13,552





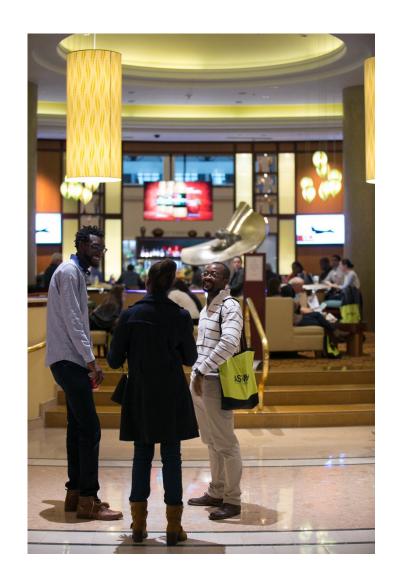




# **ASTMH: The Present, Strong and Growing**



The ASTMH is the largest international scientific organization of experts dedicated to reducing the worldwide burden of tropical infectious diseases and improving global health.



### ASTMH's 5 Subgroups (specialized interest areas)

**American Committee on Arthropod-Borne Viruses (ACAV)** 

**American Committee of Medical Entomology (ACME)** 

American Committee on Clinical Tropical Medicine and Travelers' Health (ACCTMTH)

American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP)

**ASTMH Committee on Global Health (ACGH)** 



### **ASTMH Council 2015**





### **ASTMH Membership: 1 October 2015**

23%:

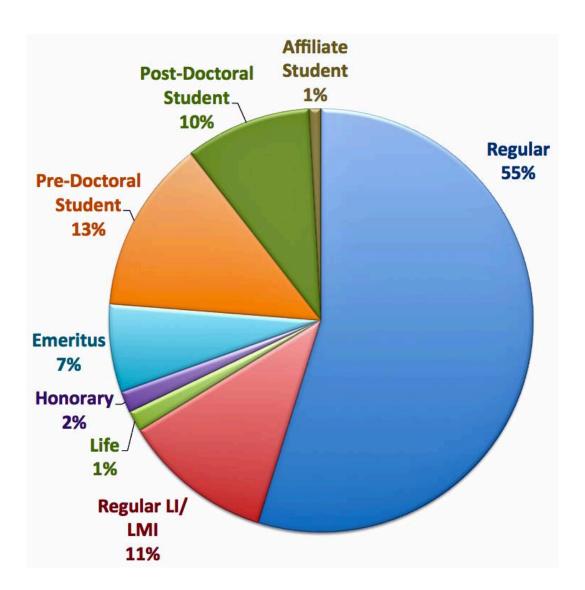
**Pre & Post Doctoral** 

11%: Low/Low-Mid

Income

35%: International (non-US)

All segments are growing

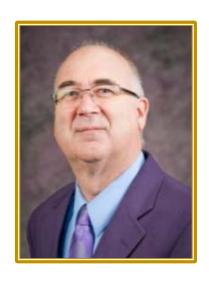






## **ASTMH: The Future**

## You can make a difference



"As a society, we should engage international scientific and professional organizations to develop more opportunities for training, education, advocacy, and collaboration".



"Our more junior members, and young clinicians and scientists, are the future of ASTMH and it is our responsibility to help them develop contacts and collaborations in the field that are beneficial to their careers".

"We should expand our reach to attract younger members by providing opportunities for them to participate in career development programs and training".

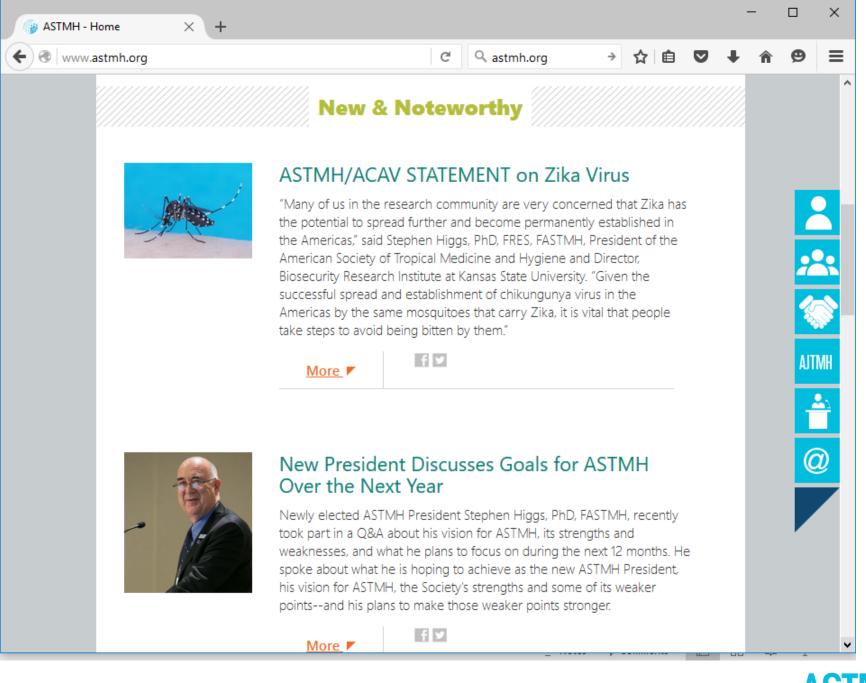
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## **ASTMH.org**

## ZIKA VIRUS IN PERU







### FEBRUARY 16, 2016: NATIONAL ACADEMIES HOLDS WORKSHOP ON 71KA

## The National Academies of SCIENCES • ENGINEERING • MEDICINE

On Tuesday, February 16, 2016, the National Academies of Sciences, Engineering and Medicine is hosting a national workshop entitled

Research Priorities to Inform Public Health and Medical Practice for Domestic Zika Virus at the National Academies of Science in Washington, DC. This workshop is in response to a fast-track workshop request from the HHS Assistant Secretary of Preparedness and Response as a result of the emergence of the Zika virus in the U.S. While the focus will be domestic in nature, an international perspective on the emergence of the virus cannot be overlooked. The specific workshop focus is to identify the research priorities associated with this virus that will inform public health and medical practice moving forward.

Plenary sessions and discussions will be available via live video webcast. Following the event, a brief written document based on the presentations and discussions held at the workshop will be prepared.

No consensus findings or recommendations will be issued.

### ¿Hasta dónde puede llegar la epidemia de zika?

Publicado por gonzalolopez el feb 5, 2016

Compartir



51





Algunos virus pueden pasar desapercibidos durante decenas de años. Pero en un momento dado, los movimientos de población o el contacto con animales pueden convertirlos en los impulsores de enfermedades emergentes. Entonces, estos minúsculos microbios pueden cruzar océanos y colonizar nuevos continentes, transformando todo a su paso y a veces generando nuevas e impredecibles enfermedades.



Stephen Higgs Foto: Universidad de Kansas

Stephen Higgs es experto en enfermedades infecciosas. Además de investigador en la Universidad de Kansas, es presidente de la «American Society of Tropical Medicine and Hygiene» y editor jefe de la revista «Vector-Borne and Zoonotic Diseases». En concreto, su trabajo se ha centrado en las interacciones entre mosquitos y vertebrados, por lo que conoce bien el comportamiento de virus similares al zika que usan los insectos como vectores. En esta ocasión, respondió a varias preguntas sobre el zika a través de correo electrónico:

-¿Es la epidemia de zika un asunto preocupante?



### **American Committee on Arthropod-Borne Viruses (ACAV)**

## Member Q&A: Kathryn A. Hanley (ACAV) and Stephen J. Thomas Discuss Zika Virus

Posted 16 February 2016

"ASTMH has a long history of scientists and physicians working on mosquito-borne diseases ... It will be important to expand these studies of Zika virus into the Americas." – Kathryn A. Hanley, PhD, ACAV Chair

**Kathryn A. Hanley**, PhD, American Committee on Arthropod-borne Viruses (ACAV) Chair, Adjunct Associate Professor at the University of New Mexico School of Medicine and Adjunct Associate Professor at the University of Texas at El Paso. The Hanley Lab at New Mexico State investigates the molecular biology, evolution and ecology of emerging RNA viruses like dengue and influenza, with the goal of using this basic knowledge to design better methods to control their spread.

Stephen J. Thomas, MD, FACP, FIDSA, FASTMH, serves as the Deputy Commander for Operations at the Walter Reed Army Institute of Research (WRAIR). He also sits on scientific advisory committees and boards for the Department of Defense, NIH, non-governmental organizations, and numerous pharmaceutical companies working on flavivirus vaccine development efforts. In addition, he is a member of the WHO's Dengue Vaccine Working Group advising the Strategic Advisory Group of Experts (SAGE) on immunizations.



What is Zika virus? Where did it originate and how has it spread?

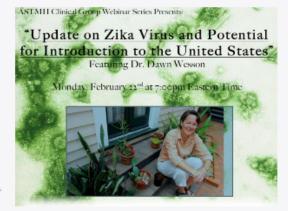


## American Committee on Clinical Tropical Medicine and Travelers' Health (ACCTMTH)

## VIEW WEBINAR: ASTMH CLINICAL TRAINEE/STUDENT LEADERSHIP GROUP ON ZIKA VIRUS

On February 22, 2016, Society member and expert in vector biology, Dawn Wesson, PhD, Tulane University, and Susan McLellan, MD, MPH, FASTMH, Past-President of the Clinical Group, held a webinar on the Zika virus and its potential to spread in the US.

This one-hour webinar includes Q&A. View the archived webinar here.





## Q&A with Member Scott Weaver, PhD, FASTMH, on Zika

Posted 15 March 2016

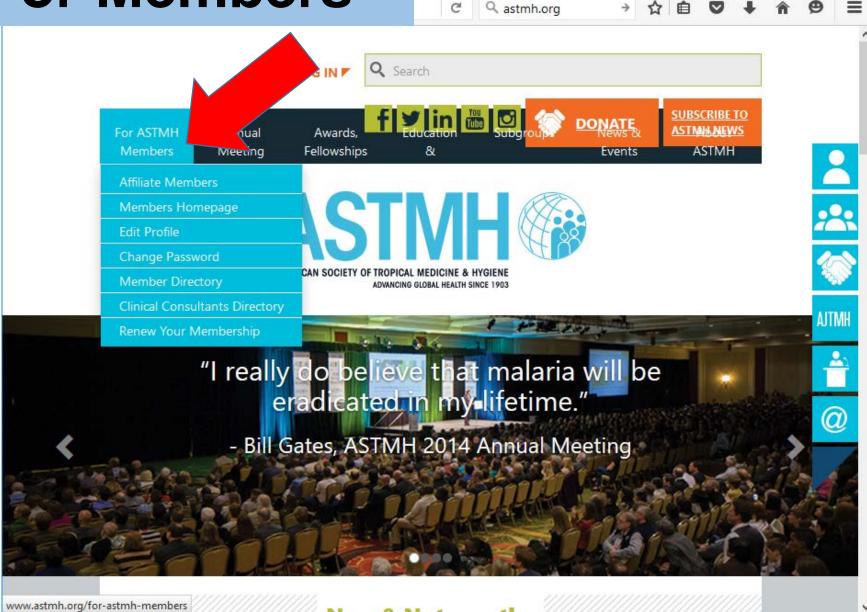
"With emerging viral diseases we just seem to be moving from emergency to emergency without a kind of sustained effort needed to maintain our capabilities, and to figure out a way to control vectors like Aedes aegypti, and Aedes albopictus." - Scott Weaver, PhD, FASTMH

Scott Weaver, PhD, FASTMH, a former ASTMH Councilor, is a leading expert on arboviruses—viruses transmitted by mosquitoes, ticks, or other arthropods. His research includes mechanisms of emergence from enzootic cycles, evolution, mosquito-virus interactions, and vaccine development.





## For Members



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## **Travel Awards**





Home >> Awards, Fellowships & Medals >> Awards and Honors

### ASTMH/BMGF Annual Meeting Travel Awards

To support annual meeting travel of selected students and young investigators from the United States and abroad.

#### 2015

Elizabeth Adedire, Nigerian Field Epidemiology & Laboratory Training Program, Nigeria

Muhammed Afolabi, Medical Research Council, Gambia Elizabeth Astupina Figueroa, Cayetano Heredia University, Peru Ghulam Awab, Nangarhar University, Afghanistan

Sheila Barasa, Ifakara Health Institute, Tanzania

Abebe Genetu Bayih, University of Calgary, Canada

Georgina Bowyer, University of Oxford, United Kingdom

Lorna Chebon, US Army Medical Research Unit, Kenya

Henrietta Doe, Nagasaki University, Japan

Gillian Eastwood, University of Texas Medical Branch, United States

Heven Sime Firew, Ethiopian Public Health Institute, Ethiopia

Thierry Franchard, National Malaria Control Program Madagascar,

Madagascar

### **Annual Meeting**

#### **Travel Awards**

Fellows of ASTMH

(FASTMH)

ASTMH-Sponsored

Fellowships

Awards and Honors

Other Fellowships















### Apply today: 2016 Annual Meeting Travel Award

### Application closes March 23

"The conference was a huge opportunity for me to learn what is happening in the field of tropical medicine all over the world."—2015 Travel Award Recipient (Ethiopia)



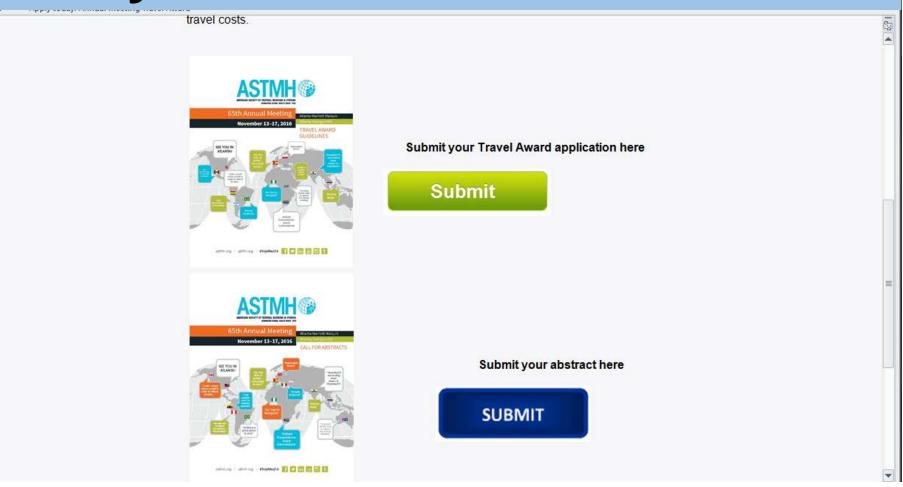
(2015 awardees with then President,

Christopher V. Plowe, MD, MPH, FASTMH)

Whether you're a qualified student, early career investigator or scientist actively working in the tropical medicine field; ASTMH members and non-members alike are eligible to apply; especially non-U.S. citizens from Africa, Asia and Latin America.

The 65th Annual Meeting will be held November 13-17, 2016 in Atlanta, Georgia. Awardees will receive complimentary meeting registration, round-trip airfare and stipend to offset travel costs.

## Hurry: Deadline is 23 March!



http://www.astmh.org/awards-fellowships-medals/awards-and-honors/nomination-submissions?utm\_source=ASTMH-Informz&utm\_medium=email&utm\_campaign=default



### Form Submissions

Below is a list of all forms that are currently accepting submissions. You will need to log in to submit an application.

If you know your username and password, click here to login.

If you are unsure of your login information, <u>click here to retrieve your username or password</u>. If you do not have an existing record, <u>click here to create a new account</u>.

Title	Opens	Deadline
2016 American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP) Travel Award for LMIC Trainees	Mar 09, 2016	Apr 20, 2016
2016 American Committee of Medical Entomology (ACME) Young Investigator Travel Award - Post-Doctoral (Graduation to have occurred 2014-2016)	Mar 09, 2016	Apr 20, 2016
2016 American Committee of Medical Entomology (ACME) Young Investigator Travel Award - International (Country of primary institution must be non-US)	Mar 09, 2016	Apr 20, 2016
2016 American Committee of Medical Entomology (ACME) Young Investigator Travel Award - Graduate (Master's or Doctoral Career Level in 2016)	Mar 09, 2016	Apr 20, 2016
2016 American Committee on Arthropod-Borne Viruses (ACAV) Student/Post-Doc Travel Award	Mar 09, 2016	Apr 20, 2016
2016 ASTMH Committee on Global Health (ACGH) Student/Post-Doc Travel Award	Mar 09, 2016	Apr 20, 2016
2016 Elsevier-ASTMH Clinical Research Award	Mar 09, 2016	Apr 20, 2016
2016 ASTMH Young Investigator Award	Mar 09, 2016	Apr 20, 2016
2016 ASTMH Annual Meeting Travel Award	Feb 17, 2016	Mar 23, 2016



## **Young Investigator Awards**

To recognize the work of young investigators and to encourage developing scientists to pursue careers in various aspects of tropical disease research. This award is given for work presented at the Annual Meeting.



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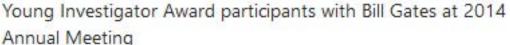
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## Join ASTMH



astmh.org













### Join ASTMH

We are a worldwide community of scientists, clinicians and professionals dedicated to promoting global health.

Joining the American Society of Tropical Medicine and Hygiene instantly opens a world of opportunities for students and professionals of all levels to advance their careers and enhance their education. ASTMH members are dedicated to furthering the global knowledge base on tropical diseases, leading to unparalleled collaboration, networking and shared experiences.

- Join using our secure online membership application
- View our extensive <u>member benefits</u>

The three new member applications are now available. Very Important...please select the application that applies to your current status. If you are from a Low and Low-Middle Income Country, please select the application that applies to you. Note: Please make sure to include a valid email address on your application. We are unable to process new memberships without email addresses.

Download the Member Application

Download the Student/Post-Doc/Resident/Fellow Application

Download the Reduced Low and Low Middle Income Country

Member Application

For more than a century, the members of The American Society of Tropical Medicine and Hygiene (ASTMH), have been striving to prevent and control infectious and other diseases that

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Leadership

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Download the Member Application

memberships without email addresses.

Download the Nember Application

Download the Student/Post-Doc/Resident/Fellow Application

Download the Reduced Low and Low Middle Income Country

Member Application

For more than a century, the members of The American Society of Tropical Medicine and Hygiene (ASTMH), have been striving to prevent and control infectious and other diseases that disproportionately afflict the global poor. Research, health care and education are the cornerstones of ASTMH. Our work bridges basic laboratory research to international field work and clinics to country-wide programs.

Membership (\$230)

Reduced Low and Low-Middle Income Countries (\$25)

Student Membership (\$15)

Post-Docs/Medical Residents/Fellows Membership (\$25)

Life Membership (\$4600)

**Emeritus Membership** 

ACAV Subgroup Membership (\$25)

ACME Subgroup Membership (\$25)

ACMCIP Subgroup Membership (\$25)

ACCTMTH Clinical Group Subgroup Membership (\$30)

Clinical Group Life Membership (\$600)

ACGH Subgroup Membership (\$25)

### Types of Membership

For Individuals

Membership (\$230) includes voting privileges, ability to hold

## Join ASTMH

# ASTMH Membership Application Low and Low-middle Income Countries

**Mail or Fax to: American Society of Tropical Medicine and Hygiene**, P.O. Box 71482, Chicago, IL 60694-1482, USA, +1-847-686-2238; Fax: +1-847-686-2251; bfinn@astmh.org

FIRST NAME (GIVEN NAME)	LAST NAME (FAMILY NAME)	1	DEGREES
INSTITUTION / ORGANIZATION			
DEPARTMENT			
ADDRESS			
CITY	STATE	POSTAL CODE	COUNTRY
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NAME OF DEFENDING MEMORE			
NAME OF REFERRING MEMBER			
ASTMH may provide postal addresses to third portion of the provided postal addresses to the pr			il addresses are <u>never</u> provided.
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- AMERICAN SOCIETY O	F.TROP.ICAL MEDICIN	E & HYGJENE .	
Beginning October 1, 2014, dues	will be billed on a fiscal yea	ar. Dues will expire June	e 30, 2016.
☐ NEW! Reduced Membership (\$25) Dues for Id			
resident or fellow, please select the correct m	embership form). See list of countries a	t astmh.org/Join_astmh/5240.htm	\$
New this year! Join One Subgroup at no Addi			
Please email Buffy Finn at bfinn@astmh.org and If you want to join more than one subgroup, the		want to join for Free!	
☐ American Committee on Arthropod-	ACAV Dues (\$25)		\$

## Join ASTMH

DITY	STATE	POSTAL CODE	COUNTRY	
TELEPHONE	FAX	W/II	E-MAIL	96
NAME OF REFERRING MEMBER				
ASTMH may provide postal addresses to third Please check boxes:   Exclude from all mailin		-	ne use. E-mail addresses	are <u>never</u> provided.
Beginning October 1, 2014, due:	s will be billed on a	fiscal year. Dues will ex	pire June 30, 201	6.
□ NEW! Reduced Membership (\$25) Dues for resident or fellow, please select the correct			•	\$
New this year! Join One Subgroup at no Ado Please email Buffy Finn at bfinn@astmh.org an If you want to join more than one subgroup, th	d give her the name of the	subgroup you want to join for Free!		
☐ American Committee on Arthropod- Borne Viruses (ACAV)	☐ ACAV Dues (\$25)			\$
☐ American Committee of Medical Entomology (ACME)	☐ ACME Dues (\$25)			\$
☐ Clinical Group (ACCTMTH) check one	☐ ACCTMTH Dues (\$30)	☐ ACCTMTH Life Dues (\$600)		\$
☐ American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP)	☐ ACMCIP Dues (\$25)			\$
☐ ASTMH Committee on Global Health (ACGH)	☐ ACGH Dues (\$25)			S
☐ Journal subscription: print (\$30 US; \$50 All	others) Membership includ	es an e-journal subscription		\$
			TOTAL ENCLOSED	\$

#### **ASTMH Subgroups**

American Committee on Arthropod-Borne Viruses (ACAV) Seeks to promote the study of arthropod-borne viruses (arboviruses) through training and travel fellowships, advocacy, and advising the scientific and public health communities in the areas of virus classification, laboratory safety and biocontaiment.

American Committee of Molecular, Cellular and Immunoparasitology (ACMCIP) Works to promote an organization that facilitates interactions among scientists who work in the varied disciplines of parasitology, especially in basic laboratory, pre-clinical and translational research, clinician sciences and population-based sciences.



# **ASTMH 2015 Annual Meeting**

Peruvian presenters: 76 presentations (oral and posters) 2 by travel awardees





















For ASTMH Members

Annual Meeting

Awards. Fellowships & Education & Resources

Subgroups

News & Events

About ASTMH

Home >> Annual Meeting >> Scientific Content

#### Scientific Content

#### 2016 Annual Meeting

November 13-17, Atlanta, GA, U.S.

Call for Abstracts

Submission deadline: April 20, 2016

View the Call for Abstracts.

- The link to the abstract submission site can be found in the Call for Abstracts.
- All abstract submissions require a \$50 US abstract submission fee.

**Annual Meeting Travel Award** 

ual-meeting ission deadline: March 23, 2016

#### Scientific Content

Scientific Content

Exhibitors

Sponsorship and Advertising

Sponsored Symposia

Registration

Housing and Travel

Awards

Schedule at a Glance



# **Pre-Meeting Courses 2016**

- Clinical Pre-Meeting Course
- Clinical Ultrasound in Resource Limited Settings- From Basic to Advanced- It's Better Than You Think
- Basic Science Pre-Meeting Course
- Chemical Biology: A New Tool for Parasite Biology and Drug Development
- Global Health Pre-Meeting Course
- The Science of Disease Elimination
- Medical Entomology Pre-Meeting Course



## **ASTMH: Your Professional Home**

## **Annual Meeting**

 International forum for exchange of latest tropical medicine/global health advances; 4,000+ attendees from almost 100 countries.

#### Networking

 Connect with respected leaders in the field in person at the Annual Meeting; stay connected through the Society's five subgroups; engage via social media

## American Journal of Tropical Medicine and Hygiene

 Among top-ranked tropical medicine journals in world; 2/3 of submissions from outside US; average 65,000+ monthly website visits



## **ASTMH: Your Professional Home**

## Striving for Excellence

 Update Course in Clinical Tropical Medicine and Travelers' Health; CTropMed®; Fellow of the American Society of Tropical Medicine and Hygiene (FASTMH)

Making the Case to US Congress for Strong Funding for Tropical Medicine/Global Health

 Providing expert testimony; Hill events and visits with Members of Congress; collaboration with coalition partners; advocating for strong US funding for tropical medicine/global health



## International Opportunities\*

- Run for elected positions\* of Councilor and President
- Annual Meeting Travel Award qualified students, early career investigators and scientists actively working in the tropical medicine field
- Young Investigator Award
- Honorary International Fellow of ASTMH (non-U.S. citizens only)
- Apply for Certificate of Knowledge in Clinical Tropical Medicine and Travelers' Health Examination (CTropMed®)
- Apply for Fellow of ASTMH\* (FASTMH)



# Leadership





Home >> About ASTMH >> Leadership



#### **EXECUTIVE-COMMITTEE**



#### PRESIDENT

Stephen Higgs, PhD, FRES, FASTMH Research Director Biosecurity Research Institute Kansas State University 1041 Pat Roberts Hall Manhattan, KS 66506 (785) 532-1333 Office

Fmail: chiaac@k-ctate edu

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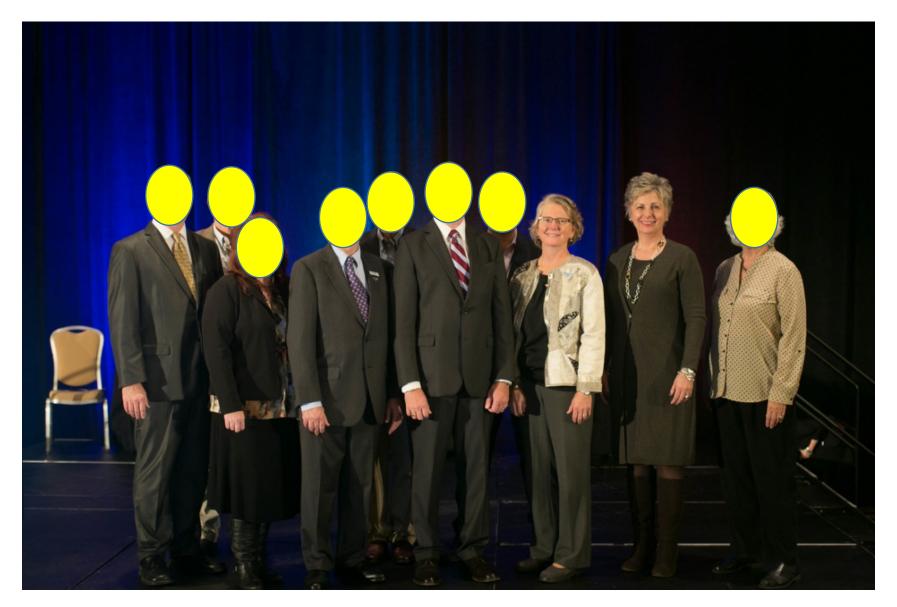




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## Sexta Conferencia Anual ASTMH Latinoamérica en Perú "ALAN J. MAGILL"

21- 23 de Marzo del 2016 Centro de convenciones de Lima



# Gracias

