



# ACAV Newsletter

## ACAV Executive Council Members

Desire LaBeaud- Chair  
 Nikos Vasilakis- Past Chair  
 Lark Coffey – Chair elect  
 Lark Coffey – Secretary  
 Rebecca Christofferson – Treasurer  
 Don Burke – Historian  
 Laura Kramer – Councilor  
 Rebecca Rico-Hesse -- Councilor  
 Kathy Hanley – Councilor  
 Tom Ksiazek – Councilor  
 David Morens – Councilor  
 Nunya Chotiwan – Trainee Councilor

## Individual Highlights:

ACAV Awards	2
Books of interest	3
Training event	3
ASTMH sessions of Interest to ACAV	4-5
Upcoming meetings	6
Get involved	7
Social Media	7

## ACAV at ASTMH annual meeting – Oct, 2018

ACAV will again be holding subgroup meetings at the ASTMH annual meeting in New Orleans, LA. Everyone is welcome to attend these sessions but space can be limited so please let the ACAV subcommittee chair know if you plan to attend.

The schedule of events is shown here. Please join and present your ideas at these sessions – ACAV is focused on the needs of the membership.

### SUNDAY, OCT. 28, 2018

<b>Session American Committee on Arthropod-Borne Viruses (ACAV) SIE Subcommittee Meeting</b>	11:00 AM - 12:00 PM	<a href="#">Remove</a>
Marriott - Preservation Hall Studio 2 (2nd Floor)		
<a href="#">Add Note</a>		
<b>Session American Committee on Arthropod-Borne Viruses (ACAV) SIRACA Subcommittee Meeting</b>	12:00 PM - 2:00 PM	<a href="#">Remove</a>
Marriott - Preservation Hall Studio 2 (2nd Floor)		
<a href="#">Add Note</a>		
<b>Session American Committee on Arthropod-Borne Viruses (ACAV) SALS Subcommittee Meeting</b>	2:00 PM - 3:30 PM	<a href="#">Remove</a>
Marriott - Preservation Hall Studio 2 (2nd Floor)		
<a href="#">Add Note</a>		
<b>Session American Committee on Arthropod-Borne Viruses (ACAV) Council Meeting</b>	4:00 PM - 5:30 PM	<a href="#">Remove</a>
Marriott - Preservation Hall Studio 2 (2nd Floor)		
<a href="#">Add Note</a>		

## Contact info for ACAV and subgroup chairs

**Subcommittee on Arbovirus Laboratory Safety (SALS)**  
 Tom Ksiazek [tgksiaze@utmb.edu](mailto:tgksiaze@utmb.edu)

ACAV Chair:  
 Desiree LaBeaud [dlabeaud@stanford.edu](mailto:dlabeaud@stanford.edu)

**Subcommittee for Evaluation of Arthropod-Borne Status (SEAS)**  
 Michael Turell [mturell@erols.com](mailto:mturell@erols.com)

Chair-elect:  
 Lark Coffey [lcoffey@ucdavis.edu](mailto:lcoffey@ucdavis.edu)

**Subcommittee on Information Exchange (SIE)**  
 Ann Powers [apowers@cdc.gov](mailto:apowers@cdc.gov)

**Subcommittee on Inter-relationships Among Catalogued Arboviruses (SIRACA)**  
 Scott Weaver [sweaver@utmb.edu](mailto:sweaver@utmb.edu)

## Robert E. Shope International Fellowship in Infectious Diseases



*Robert E. Shope, MD*

Robert E. Shope, MD (1929 – 2004) devoted his career to the study of viruses carried by mosquitoes, ticks and other biting insects. One of the world's foremost authorities on insect-borne viruses, he discovered and characterized more previously unknown viruses than any other person in history. He was often

called a "walking encyclopedia" of viruses, who made major contributions to the understanding of infectious diseases and the promotion of global health. His lifelong contributions to our understanding of arthropod-borne viruses, hemorrhagic fever viruses and the diseases these viruses cause are without equal.

The Robert E. Shope International Fellowship in Infectious Diseases provides support for international training opportunities in arbovirology and emerging diseases for those with an MD, DVM, PhD or related doctoral degree.

Please join us at the ACAV Symposium I-Business meeting to congratulate this year's recipient of the Robert E. Shope Fellowship – Monday morning – Oct 29.



*Amy Krystosik, 2017 recipient of the Robert E. Shope Fellowship.*

The 2017 winner of the Robert E. Shope Fellowship was Amy Krystosik from Stanford University School of Medicine. Her proposal was titled: "Field test of Miniaturized Automated Whole Blood Cellular Analysis System to Assess Immunity to Arboviruses in Msambweni, Kenya". She will be presenting at the ACAV Symposium I on Monday, November 6 to describe her work on this project in Brazil.

## ACAV Awards

**ACAV Travel Awards** – There will be ACAV student/post-doc travel awards presented this year courtesy of ACAV and ASTMH. Awardees are either graduate students or post-doctoral fellows who are actively conducting arbovirus research. Recipients will be awarded a complimentary meeting registration and \$500.00 to defray costs associated with attending the meeting. Winners will be announced at the ACAV business meeting on Monday, November 6 beginning at 1:45 in the Convention Center - Ballroom I. Come and meet this year's winners and enjoy a snack with them during our networking time.

The 2017 ACAV travel award winners were: Nunya Chotiwan, Amy Krystosik, Carla Mavian, Erin McDonald, Wen Yang Tsai

## Books by and for ACAV members

### Virus Evolution: Current Research and Future Directions

Edited by: Scott C. Weaver, Mark Denison, Marilyn Roossinck and Marco Vignuzzi

"highly informative ... a pleasure to read" (Microbiol. Today)

### Chikungunya and Zika Viruses - Global Emerging Health Threats

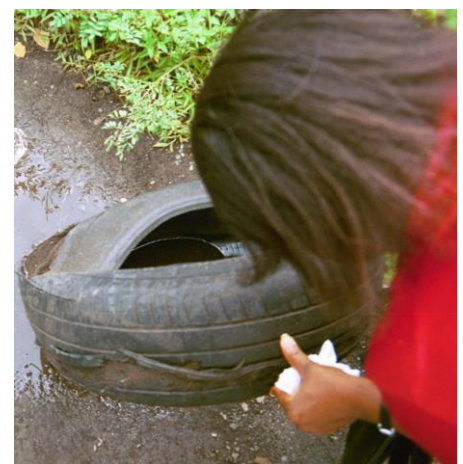
Edited by: Stephen Higgs, Dana Vanlandingham, and Ann Powers

The go-to resource for both historical and current information on these important viruses that are rapidly increasing its global range

### Hunter's Tropical Medicine and Emerging Infectious Disease -- 10th Edition

Edited by: Edward Ryan David Hill Tom Solomon Timothy Endy Naomi Aronson

Keeps you up to date with everything from infectious diseases and environmental issues through poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies that result from traveling to tropical or subtropical regions.



*Rosemary Sang looking for mosquito larvae in a discarded tire*

## American Committee on Arthropod-Borne Viruses (ACAV) and American Committee of Medical Entomology (ACME)

### Trainee Networking Lunch Event



- ✓ Meet the experts in medical entomology and arthropod-borne virology
- ✓ Get advice on your career path
- ✓ Practice your elevator pitch
- ✓ Networking with friends in the field

**Grab your lunch and come networking!**

**When:**

Monday, October 29, 2018,  
12:00 noon - 1:00 pm

**Where:**

Marriott - Preservation Hall Studio 1/2  
(2nd Floor)

## ASTMH Annual Meeting sessions of interest to ACAV members

### Symposium Session

**Session 3 American Committee on Arthropod-Borne Viruses (ACAV) Symposium I: Annual Business Meeting, Awards and Research Presentations by Previous Awardees**

Monday, October 29, 8:00 - 9:45 AM Sheraton - Grand Ballroom A/B (5th Floor)

### Symposium Session

**Session 14 American Committee on Arthropod-Borne Viruses (ACAV) Symposium II: History of Arbovirology: How the Past Informs the Present**

Monday, October 29, 10:15 – 12:00 PM Sheraton - Grand Ballroom A/B (5th Floor)

Sunday 10/28 5:30 PM	<a href="#">Session 1 Plenary Session I: Keynote Address and Awards Program</a>	Marriott - Grand Ballroom (3rd Floor)
Mon 10/29 8:00 AM	<a href="#">Session 3 American Committee on Arthropod-Borne Viruses (ACAV) Symposium I: Annual Business Meeting, Awards and Research Presentations by Previous Awardees</a>	Sheraton - Grand Ballroom A/B (5th Floor)
Mon 10/29 10:15 AM	<a href="#">Session 14 American Committee on Arthropod-Borne Viruses (ACAV) Symposium II: History of Arbovirology: How the Past Informs the Present</a>	Sheraton - Grand Ballroom A/B (5th Floor)
Mon 10/29 12:00 PM	American Committee on Arthropod-Borne Viruses (ACAV) and American Committee of Medical Entomology (ACME) Trainee Networking Lunch Event	Marriott - Preservation Hall Studio 1/2 (2nd Floor)
Mon 10/29 1:45 PM	<a href="#">Session 29 Chikungunya and Other Alphaviruses</a>	Sheraton - Grand Ballroom A/B (5th Floor)
Mon 10/29 1:45 PM	<a href="#">Session 37 Mosquitoes: Vector Biology - Epidemiology II</a>	Marriott - Balcony IJK (3rd Floor)
Mon 10/29 4:00 PM	<a href="#">Session 40 Clinical Tropical Medicine II</a>	Sheraton - Rhythms (2nd Floor)
Mon 10/29 4:00 PM	<a href="#">Session 41 Viral Hemorrhagic Fevers</a>	Sheraton - Grand Ballroom A/B (5th Floor)
Mon 10/29 4:00 PM	<a href="#">Session 46 Mosquitoes: Insecticide Resistance and Control II</a>	Marriott - Mardi Gras D (3rd Floor)
Mon 10/29 4:00 PM	<a href="#">Session 48 One Health: Interface of Human Health/Animal Diseases</a>	Marriott - Balcony IJK (3rd Floor)
Mon 10/29 6:15 PM	<a href="#">Session 50 Plenary Session II: Charles Franklin Craig Lecture</a>	Sheraton - Rhythms (2nd Floor)

Tues 10/30	8:00 AM	Session 54 Dengue: Pathogenesis/Immunology	Sheraton - Grand Ballroom A/B (5th Floor)
Tues 10/30	8:00 AM	Session 63 New Tools to Fight Old Foes: Transgenic Approaches for Control of Vector-Borne Disease	Marriott - Balcony LMN (3rd Floor)
Tues 10/30	10:15 AM	Session 67 Dengue: Vaccines	Sheraton - Grand Ballroom A/B (5th Floor)
Tues 10/30	1:45 PM	Session 81 Vector-Borne Diseases in Agricultural Landscapes	Sheraton - Rodrigue Gallery (1st Floor)
Tues 10/30	1:45 PM	Session 84 West Nile and Other Viruses	Sheraton - Grand Ballroom A/B (5th Floor)
Tues 10/30	4:00 PM	Session 99 Global Health: Prevention and Control of Malaria and Other Vector-Borne Diseases	Sheraton - Grand Ballroom D/E (5th Floor)
Tues 10/30	6:15 PM	Session 107 Plenary Session III: Commemorative Fund Lecture	Sheraton - Rhythms (2nd Floor)
Wed, 10/31	8:00 AM	Session 111 Zika I	Sheraton - Rhythms (2nd Floor)
Wed, 10/31	8:00 AM	Session 113 Ebola: Has the Tide Turned in Combating This Disease?	Sheraton - Grand Ballroom C (5th Floor)
Wed, 10/31	8:00 AM	Session 120 Mosquitoes - Biochemistry and Molecular Biology	Marriott - Balcony IJK (3rd Floor)
Wed, 10/31	10:15 AM	Session 124 Zika II	Sheraton - Rhythms (2nd Floor)
Wed, 10/31	10:15 AM	Session 126 Recent Advances in Viral Hemorrhagic Fever Research	Sheraton - Grand Ballroom C (5th Floor)
Wed, 10/31	10:15 AM	Session 132 Mosquitoes: Molecular Genetics and Genomics	Marriott - Balcony IJK (3rd Floor)
Wed, 10/31	1:45 PM	Session 138 Insights From Prospective Cohort Studies to Understand the Epidemiology of Severe Dengue and Inform Dengue Vaccine Evaluations	Sheraton - Grand Ballroom C (5th Floor)
Wed, 10/31	6:15 PM	Session 159 Plenary Session IV: President's Address	Sheraton - Grand Ballroom C (5th Floor)
Thurs, 11/1	10:15 AM	Session 175 Global Health: Disease Surveillance and Outbreaks Response	Sheraton - Grand Ballroom A/B (5th Floor)
Thurs, 11/1	10:15 AM	Session 181 Blood Feeding and Pathogen Transmission: It's All in the Spit	Marriott - Mardi Gras EFGH (3rd Floor)

## Upcoming meetings of interest:

### ASM Biothreats

January 29-31, 2019

Arlington, VA

<https://www.asm.org/index.php/biothreats-2019>

### European Congress of Virology

April 28-May 1, 2019

Rotterdam, Netherlands

<https://www.ecv2019.com>



### Viruses and Cells: Biology of Infection Across Diverse Viral Systems Gordon Research Conference

May 26-31, 2019

Lucca (Barga), Italy

<https://www.grc.org/viruses-and-cells-conference/2019/>

### Positive-Strand RNA Viruses-- Keystone Symposia

June 9-13, 2019

Killarney, Co. Kerry, Ireland

<http://www.keystonesymposia.org/index.cfm?e=web.Meeting.Program&meetingid=1649>

### ASM Microbe

June 20-24, 2019

San Francisco, CA

<https://www.asm.org/index.php/asm-microbe-2019>



### 38th Annual Meeting The American Society for Virology

July 20-24, 2019

University of Minnesota Minneapolis, MN

<http://www.asv.org/asv-2019/>



### 68th Annual Wildlife Disease Association

August 4-9, 2019

Tahoe City, CA

<https://www.wildlifedisease.org/wda/CONFERENCES/UpcomingInternationalConference.aspx>

### 17th Asia-Pacific Congress of Clinical Microbiology and Infection

August 30-September 2, 2018

Hong Kong, China

<http://www.apccmi-iicc2018.hk/>

### 10th International Global Virus Network Meeting: Eradication and Control of (Re-)Emerging Viruses

November 28-30, 2018

Veyrier du Lac, France

<https://www.fondation-merieux.org/en/events/10th-international-global-virus-network-meeting/>

## ACAV members in action



Wayne Thompson (1922-2000) using a “turkey baster” to collect mosquito larvae

John Aaskov and Pierre Fauran



Greg Ebel sampling ticks outside Novosibirsk, Russia, 2002 wearing an “encephalitka” (designed to minimize tick bites)

## ACAV needs you...

ACAV needs your help to provide information of importance to the membership. This newsletter will have sections for positions available (faculty, post-doctoral fellows, training opportunities, etc.), books of interest, updates on meetings, and anything relevant to the modern arbovirologist. We need you to send items (and really need pictures!) that should be shared. If you are creative and want to put your artistic talent to use for ACAV, we are looking for a new logo. The design will be part of our website, newsletter, and any future items ACAV may generate. If you have material you'd like included in the next edition of the newsletter, please send it to SIE ([apowers@cdc.gov](mailto:apowers@cdc.gov)) or any ACAV council member. Interested in ACAV social media? Help tweet out ACAV messages!

We're on the Web!

See us at:

<http://www.astmh.org/subgroups/acav>

<https://www.facebook.com/ACAVASTMH/>

[https://twitter.com/acav\\_astmh](https://twitter.com/acav_astmh)



Kathryn Hanley, Katie Young and Nikos Vasilakis imaging mosquitoes in Borneo