



## SOVE Newsletter

### President's Message



Dear members and supporters:

I hope you and yours had a wonderful holiday season and had time to enjoy the winter break. In addition to the usual gauntlet of gatherings, I was glad to have the opportunity to try and catch up on some vector ecology work (reading, writing). Wait, did I just say I was glad to be spending my holiday break working? Time to re-assess priorities or seek that professional help several of you have suggested to me.

It's been an interesting year, to say the least. The contentious election has led to strong feelings of disappointment and anger for many of us. Unfortunately, even if the results had been reversed, about half of the country would also have been angry and disappointed. My own family circle is pretty divided (making holiday gatherings tensely interesting). Yet, so far, we've all managed to get along and have fun regardless. I guess that's where I hope the country eventually settles, but it certainly doesn't look to be a smooth road. I'm confident in sound reason rising (eventually) to the top and that we can find enough common ground to make things work.

That being said, I'm concerned about possible funding cuts to basic science research and targeted cuts to

critical areas such as climate change studies. SOVE could be impacted indirectly, though I'm sure our membership and goals are solid enough to minimize it. We can make strong cases for continued funding of vector ecology studies because they can directly influence health policy. Both major parties have been supporters of medical research and we need to continue to emphasize that understanding vector biology is essential to understanding vector-borne diseases.

The potential impacts of climate change were illustrated by our experiences with vectors in Michigan this year, with peak mosquito activity occurring in mid-September in some areas and extending into October. We found that some of our models for West Nile transmission were not predictive. Overwintering cues for some mosquito species in our area appeared to be delayed or disrupted, and tick abundance patterns throughout the year were atypical. The point is that we still don't know enough about most vector population and behavioral dynamics, particularly in the context of changing climate patterns, to afford a curtailing of basic research.

Fortunately, SOVE is fundamentally strong and our membership and organization can be important advocates for such research. It's not clear what impact we can have on funding decisions at the national level, but we can certainly make our voices heard through our work. To be oxymoronic (or just moronic), I have enough faith in reason —*cont'd p-2, President's.....*

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## Regional Reports



Professor Robert (Bob) K Peterson, of Montana State University, Bozeman, Montana was named Vice President-Elect of the Entomology Society of America Governing Board for 2017. Many of the SOVE members know Bob and some of his graduate students for their work on “Risk Assessment” and the effects of chemicals used in mosquito control and how temperature effects the efficacy of chemicals. Bob is also a frequent speaker at American Mosquito Control Association and regional mosquito association meetings over many years.

Jason Kinley, was nominated as Vice President of the American Mosquito Association for 2017; Jason is Manager of Gem County MAD in Idaho and Managing Director of the Northwest Mosquito & Vector Control Association (NWMVCA). Jason also served on the AMCA board for the last few years.

The Montana Mosquito & Vector Control Association will hold its annual meeting on January 12-13, 2017 in Great Falls, Montana. If you would like to attend contact Janice Stroud, Adapco (1-406 -370 2312 or jstroud@e-adapco.com). Both Bob and Jason will be speaking at the MMVCA meeting.

The NMVCA meeting will be held in Whitefish, Montana in early October. Details will be posted in later SOVE reports.

It has been reported in ProMed that brucellosis is self sustaining in Elk in the Greater Yellowstone

## NORTHWESTSTERN USA

**David Sullivan**, regional director

(National Park) area. Brucellosis was reintroduced at least 5 times over the last century. Recently brucellosis has been and continues to be transmitted from Elk to cattle, which undermines the control efforts of brucellosis in cattle.

### WNV Cases—Year to date

State	Deaths	Cases
Colorado	8	146
Idaho	0	8
Montana	1	6
North Dakota	2	68
Oregon	0	3
South Dakota	5	148
Utah	1	13
Washington	1	9

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*continued from P-1, President Message.....*

and reasonable citizens that studies for vector ecology will continue to be funded, but our voices might need to be a bit louder when directed at government representatives.

My best wishes for a happy and productive 2017. Be sure to plan for our international meeting and get any symposia/speaker suggestions to Bulent Alten soon – the program is filling up quickly. Since our over-extended summer in Michigan has now given way to a polar vortex, I also suggest that SOVE officers take a reconnaissance trip to Mallorca next month to check on preparations.

Cheers

Mike

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## Regional Reports



### NORTHEASTERN USA

#### ISIK UNLU, regional director

provided below:

What a wonderful meeting in Baton Rouge, Louisiana (59th LMCA meeting) and a refreshing change from the weather in New Jersey. First, I would like to thank Scott Harrington and LMCA board members for the invitation as a keynote speaker. I presented “*Aedes albopictus*: Lessons learned... and still learning”. AMCA president Stan Cope gave a talk on leadership and did a great job as always. Richard Duhrkopf presented an update on AMCA and progress on CDC/AMCA Zika training.

The 2016 season will be remembered for the unprecedented warmth felt year-round. Not only did the winter rank as the 2nd warmest of all time, but 43 days of over 90 degrees helped the summer of 2016 rank as the 2nd warmest of all time as well in New Jersey. Besides a warm winter and hot summer, the year was relatively dry. By summer's end, pollen was coated on cars, flowers wilted, and lawns browned as drought like conditions prevailed. The intermittent rain events that did occur were just enough to flood low lying areas and fill containers. There were 500 service requests from residents in Mercer County. June and August were our busiest months this year. We carried out extensive vector surveillance operations. A total of 375 pools were submitted for West Nile virus testing from 290 locations throughout the county. Of the pools submitted, 18 tested positive yielding a minimum field infection rate of 1.84 (MFIR = the number of infected mosquitoes per 1,000). Chikungunya and dengue virus surveillance continued this year with 180 *Aedes albopictus* pools that tested negative. This year we sent 200 mosquito pools to Cape May for Zika virus testing, all of which tested negative as well. *Culex pipiens* specimens were sent to Kansas State University to be tested for Zika vector competence. The findings suggested a low likelihood for a *Culex* species to be a secondary vector of Zika, and our control efforts should remain focused on *Aedes* species. I am particularly grateful to colleagues in the Northeast who contributed to this update and their names are listed with their reports below. If you have any issues or concerns that you would like the SOVE Board of Directors to discuss, please contact me (iunlu@mercercounty.org). Individual state reports are

Dina Fonseca is currently Interim Director of the Center for Vector Biology (CVB), Rutgers University. CVB has made an offer to Alvaro Toledo, a Lyme disease/tick specialist. His start date will likely be sometime this summer. He is bringing an NIH grant with him. Also, CVB received a grant from the National Oceanic and Atmospheric Administration to examine the effects of sea level rise on salt marsh mosquito populations in NJ (PI: Rich Lathrop). For more information on the project, go to: <https://www.researchgate.net/project/Investigating-the-Interconnectedness-of-Climate-Change-Nuisance-Mosquito-Populations-and-Long-term-Resilience-of-Coastal-Salt-Marsh-Systems>

According to Timothy Deschamps, Executive Director Central Mass. Mosquito Control Project, the Northeastern Mosquito Control Association (NMCA) recently wrapped up their 62nd annual meeting in North Falmouth, MA on December 7, 2016. There were 42 presentations including regional state arbovirus reports, *Ae. albopictus* presentations, GIS applications in mosquito control, efficacy of *Bacillus sphaericus*, field trials of Natular, and beaver mitigation projects. The Connecticut Agricultural Experiment Station (CAES) provided a full afternoon session with presentations on La Crosse virus, vector-host interactions of mosquito species at eastern equine encephalitis (EEE) foci, specific avian hosts considered as “super-spreaders” of EEE, evolution of habitat specialization of *Aedes* mosquitoes, and last but not least, a presentation on a novel microsporidian parasite isolated from *Ae. japonicus* in Japan by Theodore Andreadis. The next annual meeting of the NMCA will be December 4 - 6, 2017 in Plymouth, MA. More information can be found at this link: [www.nmca.org/annual.htm](http://www.nmca.org/annual.htm)

The NMCA Executive Board would like to welcome Bob Duryea as incoming Northeast Regional Representative for the AMCA. The region would like to thank Paul Capotosto for his service in the same position for the past 5 years.

The next annual meeting of the of the New Jersey Mosquito Control Association will be held March 15 -17, 2017, in Atlantic City, NJ.

## Regional Reports



This year again we faced an incursion of new vector-borne disease outbreaks in Europe. Blue-tongue virus continued to spread among the Balkans with more cases confirmed in mid-October. Unfortunately the Balkans and the southeastern part of Europe up to Greece were threatened by large outbreaks of Lumpy Skin Disease spreading in several countries (Serbia, Montenegro, Greece, Bulgaria, Macedonia, Albania). The joint Food and Agriculture Organization /International Atomic Energy Agency division organized a meeting in Vienna, November 21-25, 2016, to tackle several aspects of the disease highlighting knowledge and gaps. The meeting, led by Giovanni Cattoli and Ivancho Naletoski had invited experts from European and non-EU countries. The meeting aimed at enhancing the national capability to enforce the control of disease spread. National surveillance and preventative measurements for disease containment were discussed. Moreover, gaps in diagnostic as well as the potential involvement of arthropods in pathogen spread were also discussed. Interestingly, it is still not clear how the disease is transmitted as direct contact doesn't seem to be the main way of infection.

The 20th European SOVE took place in Lisbon, Portugal, October 3-7, 2016. We had high quality papers from our scientific community and I

## EUROPEAN SOVE

**EVA VERONESI**, regional director

want to send a big thank you to our scientific committee for helping in the selection process. Overall this was a dynamic program consisting of >80 oral and 68 poster presentations.

The meeting's theme was dedicated to social science and the importance of community participation in prevention and control of vectors and vector-borne disease. Our outstanding group of keynote speakers (Vanja Kovacic anthropologist, Marcus Hall historian and Sander Koenraadt entomologist) spoke on a variety of topics, elucidating the important aspects of social interventions against the tsetse flies in African communities, the impact of the two World Wars on malaria spread, and successful example of passive surveillance of mosquitoes and other arthropods.

The week end prior to the conference we had organized the 2nd "two-day course on control and vector ecology" in collaboration with European Mosquito Control Association (EMCA). Since the E-SOVE had launched this initiative 4 years ago, we continue to see high number of attendees (41) of different backgrounds coming from EU and non-EU countries. Looking forward to meeting you again at the next EMCA meeting in Montenegro ( March 13-17, 2017) and the SOVE Congress in Palma, Mallorca, Spain (October 1-6, 2017).

I would like to wish you all a very good Christmas break, with less bugs around (for the Europeans at least!).

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## *Pictures from the Euro SOVE conference*



Conference in session



Field excursion



Group photo



Conference attendees



Training workshop—lab



Training workshop—field

To see more photos from the Euro SOVE, go to : [http://sove.org/European\\_SOVE\\_folder/photogallery.html](http://sove.org/European_SOVE_folder/photogallery.html)



## *Pictures from Brazil SOVE Meeting*



To view photos from SOVE Brazil, go to: <http://sove.org/SOVE%20folder/photoalbum/2016brazilsove/index.htm>

## **Minutes of the Annual Meeting of the Board of Directors Society for Vector Ecology**

Sheraton Anchorage  
Anchorage, Alaska  
September 11, 2016; 4:00-6:12 PM

**Call to Order:** President Dan Kline called the meeting to order at 4:05 PM and called for a moment of silence for the victims of 9/11.

**Roll Call:** Directors, Kline, Kaufman, Mian, Veronesi, Pimenta, Xue, Presley, Mulligan, Sullivan, Foster, Unlu, Foster and Dhillon were present.

Directors Alten and Zhao were absent. Dhillon stated that due to the Turkish situation, Alten could not attend the meeting.

Others Present: Mir Mulla, Michelle Brown, Ashwani Kumar (India), William Van Dyke (webmaster), Uli Bernier, Norbert Becker (Germany), Spiros Mourelatos (Greece), Bob Novak and Charlie Smith

**Additions to Agenda:** None

4. **Approval of Minutes:** *A motion made by Xue to approve the minutes of the September 27, 2015 Board meeting held in Albuquerque, New Mexico as presented, seconded by Presley, passed unanimously.*

### **5. Committee Reports:**

#### **A. Publications**

##### **Journal of Vector Ecology**

Dhillon stated that Editor Marc Klowden informed him that he would not be able to attend the meeting.

Klowden had submitted a written report and Foster provided additional info for Klowden's report. He informed that David J. launched a vector biology journal this year and stated that Novak was a member of the Editorial Board. Novak stated that he was asked to be on the Editorial Board and according to him, the journal has a broader scope including clinical, plants, epidemiology, vector and anthropoids. Most of the Board Members commented negatively on this matter.

##### **Newsletter:**

Editor Lal Mian thanked Directors for submitting articles. Eva Veronesi suggested that Regional Reporters who do not submit articles should be taken off the list.

#### **B. Membership:**

Dhillon reported that membership was about the same as last year. He reported that institutional membership started last year produced four subscriptions. He recommended no change in membership dues.

#### **C. Regional Reports:**

1. Veronesi: Euro SOVE will be held in Lisbon, Portugal and so far 160 people had registered. Also, this is the second time that Euro

SOVE / EMCA together will be holding the training course. This year there will be approximately 45 students as compared with 65 last year.

2. Pimenta: Brazilian SOVE will be held in the 3<sup>rd</sup> week of October in Recife, Brazil. It will be a combined meeting with Entomol; FioCruz got some funding to sponsor this meeting. He stated that the main topic will be Zika virus and they are planning to hold a round table meeting on this subject. He stated that they expected 100 people to attend this meeting.

3. Xue: Liu could not make it to this meeting. He reported that there has been a Zika outbreak in Singapore with 500 cases with 60 autochthonous cases. He mentioned about several meetings to be held in China.

4. Establishment of India Region: Dhillon stated that he held a discussion with Ashwani Kumar regarding establishing a region in India. Kumar graciously agreed to organize a new SOVE Region in India and recommended the Board to authorize Kumar to recruit membership to organize a Region. *A motion made by Veronesi, seconded by Unlu to authorize Kumar to organize a new region in India, passed unanimously.*

According to Kumar, establishing a region is not only good to hold a meeting to exchange information, but also to give an opportunity for training students. He suggested the term "Entomologists without Borders."

#### D. Awards:

Mian reported that the committee selected Ken Linthicum for the Distinguished Achievement Award and Zhao for Distinguished Service Award.

### 6. Financial Report:

**A. Financial Statement 2015:** Secretary/Treasurer Dhillon discussed the financial statement of 2015 and stated that SOVE was in an excellent financial state. He reported that this was the first time that the SOVE annual conference will lose money during his tenure as Secretary/Treasurer. This is due to the Field Ecology trip which is very expensive and it is also time to support memberships by keeping the registration low as SOVE is in an excellent financial situation. *A motion made by Presley to approve the 2015 financial statement, and seconded by Mulligan, passed unanimously.*

**B. CD Investments:** SOVE has three CD's in the amount of \$111,918.45.

As CD investments were discussed under Financial Report, no further discussion was necessary.

**C. Euro SOVE Account:** Veronesi and Dhillon discussed the opening of a Euro SOVE account. Veronesi reported that the University of Lisbon is charging 5% to manage the ESOVE meeting. Becker stated that he tried to establish an ESOVE account but it was very difficult. Several options were discussed regarding opening the account. Finally, the Board agreed to open a separate Euro SOVE account, pursuant to GFS rules administered by KABS. *Motion by Presley to open Euro SOVE account under GFS and to be administered by Norbert Becker / KABS and seconded by Sullivan, passed unanimously.*

Veronesi stated that she could not work on SOVE activities during University time and most of the time she was working at her own time and it was extremely time consuming. She suggested that the Board should think about giving compensation to Directors. After a long discussion, the Board tabled the issue to the next Board meeting.

Pimenta suggested that Brazil SOVE should be expanded to Latin America and the Board



concurred with the idea.

**7. 7th International Congress 2017:**

**A.** Dhillon gave a brief report on the Congress venue and stated that Miguel was doing most of the administration but he will get involved soon with Miguel to organize the meeting.

**B.** Dhillon stated that since SOVE is in excellent financial condition he recommended that the Board should think about sponsoring the International Congress. After a short discussion, *a motion by Mulligan and seconded by Xue to approve \$35,000.00 to sponsor the International Congress and authorize Secretary / Treasurer to work with the organizing committee to disburse the funding, passed unanimously.*

Dhillon stated that we might not need this money if we were able to get a grant from the Gates Foundation. He will keep a close eye on the disbursement.

**8. Annual SOVE Conference:** Dhillon reported that we have a proposal from Puerto Rico and asked if the Board was interested in selecting other venues. After a discussion, the Board authorized Secretary/Treasurer Dhillon to look at some other venues in New Jersey and Michigan and report back to the Board.

**9. Approve and ratify actions passed by electronic vote of the Board members:**

Following e-vote actions were ratified by the Board on a *motion by Mulligan, seconded by Presley, passed unanimously.*

47<sup>th</sup> Annual conference dates for 2016 Sheraton Anchorage:

September 11-15, 2016

2. Ballot for Euro SOVE: Eva Veronesi re-appointment for another term.

3. Conference ballot for SOVE 2017 International Congress to be held at the Hotel Palas Atena in Mallorca, Spain on October 1-6, 2017.

**10. Contracts:**

1. *Motion made by Mian and seconded by Sullivan to renew contract for Valerie Montigny for an annual amount of \$13,000.00, passed unanimously.*

2. After a short discussion, *a motion by Mian, seconded by Unlu to approve \$1,000.00 for Marian Shannon for her assistance in SOVE activities and \$1,500.00 for Valerie Montigny, passed unanimously.*

**11. By-laws revision:** After a short discussion, Secretary/Treasurer Dhillon suggested that the By-laws needed more time for discussion and in the interest of time the Board tabled this item. It was by consensus of the Board to spend additional time to review the By-laws and vote electronically later.

**12. Approval of Klowden's contract:** *Motion made by Mian and seconded by Presley to approve contract with Editors Marc Klowden and Anne Klowden with no monetary change from last year, passed unanimously.*

**13. Dhillon recommended that SOVE should join the World Mosquito Control Association and approve \$500 for dues:** *Motion made by Sullivan and seconded by Mulligan to join the World Mosquito Control Association and approve \$500 membership dues, passed unanimously.*

**14. Budget approval:** After a short discussion and with a change in the category of honorarium from \$1,600 to \$2,500, *motion by Mulligan and seconded by Sullivan to approve the budget with above change for 2017, passed unanimously.*

**15. New items to agenda:** Upon Pimenta's suggestion some discussion ensued on publishing proceedings of the meetings but the issue was tabled for further discussion at a later date.

**16. New Officers Announcement:** Secretary/Treasurer Dhillon announced that Uli Bernier has been elected as the Vice President of SOVE.

**17. Adjournment:** After no further business, the meeting was adjourned by President Kaufman at 6:12 PM.

I certify that the above minutes substantially reflect the action taken by the SOVE Board of Directors at the meeting held on September 11, 2016.

*Major S. Dhillon*

Major S. Dhillon, Ph.D.  
Secretary / Treasurer

Please mark your calendar  
the forthcoming

*7<sup>th</sup> Congress of SOVE*

*October 1-6, 2017*

*Palma, Mallorca Island*

*Spain*

Look for further announcements in coming months

**Minutes of the Annual Business Meeting of the Board of Directors**  
**Society for Vector Ecology**  
 Sheraton Anchorage  
 Anchorage, Alaska

September 14, 2016; 5:30-6:05 PM

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**Call to Order:** President Daniel Kline called the business meeting to order at 5:46 PM. Approval of Minutes: A motion moved by Mian to approve the minutes of the business meeting held in Albuquerque, New Mexico on September 30, 2015 and seconded by Mulligan, was passed unanimously.

**President's Report:** Kline mentioned all the sponsors of the meeting by name and thanked them for their support. He also thanked all the Board members and introduced the Board members. He stated it is a great society and thanked Mian for an excellent program and super Bill Van Dyke for his role as the audiovisual and technology expert. He stated that this was one of the best Field Ecology Days arranged by the Society and he reminded members ---that the Society dues partially subsidized the high cost of the trip for all attendees. He stated, "it is truly a Family of SOVE."

**Financial Report:** Dhillon gave a detailed report on the SOVE financials and stated that the Society was in a good financial state. He also provided the following information:

Due to the SOVE's financial strength, the Board discussed sponsoring a higher number of students

Next year the Congress will be held in Palma at the Island of Mallorca, Spain in the first week of October

The Board discussed holding the 2018 SOVE conference in either Puerto Rico, New Jersey or Michigan

The Board also authorized Ashwani Kumar to form a region in India

Secretary / Treasurer is working on establishing a region in Africa

Secretary / Treasurer gave an update on the expenses of the Anchorage meeting.

**Any other items:** Ben Beard stated that it was a good thing to hold the 2018 meeting in Puerto Rico, which has lost lots of business due to Zika virus. Puerto Rico will appreciate that an association like SOVE will be holding their annual meeting in their territory. Novak affirmed Ben's comments.

**Change of gavel:** Kline then introduced the incoming President Kaufman and exchanged of the gavel took place.

**President Kaufman:** Kaufman thanked the Board for giving him the opportunity to serve. He stated that he was very happy to be part of the "Family of SOVE".

**Introduction of Board:** Kaufman introduced Vice President Uli Bernier. Kaufman thanked the membership and introduced all the Board Members.

**Any new items:** None

**Adjournment:** A motion was moved by Hogsette and seconded by Sullivan to adjourn the meeting and Kaufman adjourned the meeting at 6:05pm.

I certify that the above minutes substantially reflect the action taken by the Board of Directors at the meeting held on September 14, 2016.

*Major S. Dhillon*

Major S. Dhillon, Ph.D.  
 Secretary/Treasurer



## Minutes of the 2<sup>nd</sup> Meeting of the Board of Directors Society for Vector Ecology

Sheraton Conference Room  
Anchorage, Alaska  
September 14, 2016; 6:00-6:32 PM

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1. **Call to Order:** President Kaufman called the meeting to order at 6:10 PM.
2. **Roll Call:** Directors Kaufman, Kline, Mian, Bernier, Sullivan, Presley, Xue, Foster, Mulligan, Pimenta, Veronesi and Dhillon were present.
3. Dhillon stated that this meeting has been requested due to lack of funds in Euro SOVE account for the upcoming E-SOVE conference.
4. Dhillon and Veronesi gave updates on the Euro SOVE issue regarding paying expenses of Euro SOVE. Veronesi indicated that due to a lack of funds in the Euro SOVE account, SOVE may have to advance some funds (\$25,000) to Euro SOVE to the FMV University in Lisbon, Portugal. She stated that she had requested for an update from the University and if the money sent by the registrants was transferred to the E-SOVE account then the Board did not need to take any action. She expected an answer on this issue by tomorrow. If it was not resolved by tomorrow then the Board would have to take proper action. No further action was necessary for the time being.  
(Note: The money was received in the E-SOVE account and there was no need to take any action).  
Dhillon addressed that due to lack of proper E-SOVE account in Europe, we still need to open an account in Europe. This issue was discussed with Alexandra Chaskopoulou and it appeared that it is possible to open an account in Greece with Citi Bank. Dhillon stated that he would look into this further and if necessary then we will have to open the account in Greece. At this time, Norbert indicated that he would discuss this issue with his Board (KABS) and see if his Board would agree to accommodate the SOVE account with KABS. *A motion made by Presley to authorize Secretary/Treasurer to set up an account with Citi Bank and/or KABS and seconded by Mulligan, was passed unanimously.*  
(Note: Opening of account with KABS was approved on September, 11, 2016 meeting)
5. Veronesi stated that she has spent a tremendous amount of time for the Euro SOVE conference. She does not do E-SOVE work during her office hours as it is not permitted by her University so she does SOVE work on her own time. It is, therefore, necessary that she should be compensated for her time. After a long discussion, the Board tabled this issue until the next regular Board meeting.
6. Dhillon updated the Board on the present conference and stated that he had some difficulty dealing with the Sheraton staff.
7. **Adjournment:** *On a motion made by Mulligan and seconded by Sullivan to adjourn the meeting,* President Kaufman adjourned the meeting at 6:32 PM

I certify that the above minutes substantially reflect the action taken by the SOVE Board of Directors at the meeting held on September 14, 2016.

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Major S. Dhillon, Ph.D.  
Secretary/Treasurer

## *For Your Calendar*

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American Mosquito Control Association, annual meeting will be held February 13-17, 2017, San Diego, CA

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The 5<sup>th</sup> International Forum for Surveillance and Control of Mosquitoes and mosquito-borne Diseases will be held in Nanjing, China, May 22-26, 2017. For more information, please visit the meeting website at [www.mosquitoforum.net](http://www.mosquitoforum.net) or [www.asiansvcmc.org](http://www.asiansvcmc.org)

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International Congress of SOVE will be held in Palma, Mallorca Island, Spain, October 1—6, 2017. More details will be available on the SOVE website: [www.sove.org](http://www.sove.org)—reporting Major Dhillon

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## *Jobs*

### **Vector Ecologist**

Wanted a Vector Ecologist by the Northwest Mosquito and Vector Control District, Corona, CA. Offers great salary and good benefits. For a detailed job announcement, go to:  
<http://northwestmvcd.org/Northwestmvcd/Home.html>

### **Assistant Professor**

Wanted a tenure-track Assistant Professor in Environmental/Occupational Health at the Dept. of Health Science and Human Ecology, California State University, San Bernardino, CA. For complete job description and application process, follow the link:  
<https://www.governmentjobs.com/careers/csusb/jobs/1590763/environmental-health-science-tenure-track-professor>

## *On the Move*

Commissioner Janice Bequette at the Anastasia Mosquito Abatement District, St. Augustine, Florida retires at the end of this month after serving on

the District Board for 8 year services. Janice also chaired the Districts applied research committee during her tenure. Best wishes on your retirement!

## *Resources*

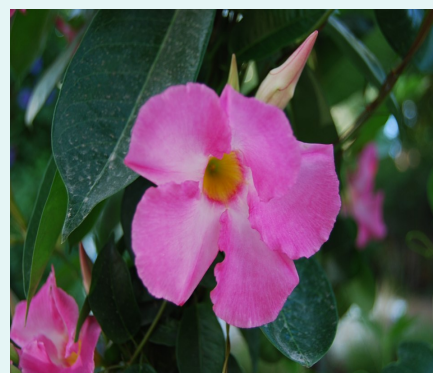
**FREE Resources for Investigators** are available! Please visit:  
<http://www.niaid.nih.gov/labsandresources/resources/dmid/Pages/default.aspx> to see the full range of available services that provide access to research tools and technologies and preclinical and clinical services to facilitate product development.

Visit [Vector Biology Resources for Studying Vectors](#) for a listing of available resources. Key among the resources for studying vectors is provision of LIVE vectors and reagents and genomic materials offered through the [BEI Resources Repository](#). (See Vector Resources in the BEI [online catalog](#).) These resources are available free of charge to REGISTERED users in domestic and foreign institutions and NIH grant funding is not required. For information on all resources for researchers provided by DMID, visit the [DMID Resources for Researchers website](#).

[Adriana Costero, PhD](#)

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## Society for Vector Ecology

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**We are on the Web!**  
**[www.sove.org](http://www.sove.org)**

### About SOVE . . . . .

The Society for Vector Ecology is a professional organization formed in 1968 by a group of individuals involved in vector biology and control programs in California. The membership has since grown to represent an amalgamation of diverse research and operational and extension personnel from all over the world. The Society is committed to solving many complex problems encountered in the field of vector biology and control. Among these are the suppression of nuisance organisms and disease vectors through integration of control elements, such as environmental management, biological control, public education, and appropriate chemical control technology.

The Society publishes the biannual Journal of Vector Ecology that contains research and operational papers covering many phases of vector biology, ecology, and control. The Society also distributes a periodic newsletter and holds an annual conference in the months of

## SOVE Board Members, Editors, Webmaster

### 2016-2017 SOVE BOARD

#### President

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