



# Alabama Vector Management Society

www.alabamavms.org

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January 2012

## Register for the 23rd annual AVMS meeting now!

The 23<sup>rd</sup> Annual Meeting of the Alabama Vector Management Society will be held March 13-14<sup>th</sup>, 2012 at the Fairfield Inn & Suites, 3111 Loop Road (251-543-4444), Orange Beach, AL 36561. Yes, we are returning to the same great site as last year's meeting. Dr. Graham directed one of the most successful meetings in our association's history there last March. This facility has graciously extended the \$89.00 winter rate to our society, plus the applicable taxes. The meeting will begin at 1:00 p.m. Tuesday March 13<sup>th</sup> and end at noon March 14<sup>th</sup>. The registration desk will be open the morning of March 13<sup>th</sup> at 9:00 a.m. where you may obtain your name badge, receipt, registration packet, and complimentary gift. Hotel reservations must be received by Wednesday, February 15, 2012. **After this date, reservations will be accepted on a space and rate available basis only.** The group code for the meeting is **AVMS**. Be sure to use this code when making your reservations to receive the group rate.

We encourage you to pre-register for the meeting and stay at the conference hotel so we can meet our lodging requirements, which keeps costs lower. It also allows for proper set up of the meeting room and planning for breaks. The location of the banquet has been changed, but not the caterer will remain the same. Katie's Catering will provide the food once again and has added a new dish the menu. The board has worked hard to bring you a timely, interesting, and fact-filled meeting. Make your plans now to attend. An official agenda will be posted to the website at [www.alabamavms.org](http://www.alabamavms.org) and on our facebook page.

Please mark the date, **pre-register by visiting our website ([www.alabamavms.org](http://www.alabamavms.org)) or mailing the form on the back page of this newsletter**, pay your annual dues, and call the hotel and make your reservations! I look forward to seeing you there. Happy New Year. —Mark L. Tow, AVMS President-Elect 2012

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### Dates To Remember:

**February 26 –March 1, 2012** 78th Annual AMCA Meeting, Austin, TX.

**March 13-14, 2012** 23rd Annual AVMS Conference at Fairfield Inn and Suites, Orange Beach, AL

## Burkett-Cadena to publish important book

The University of Alabama Press has begun production on *Mosquitoes of the Southeastern United States*, written and photographed by AVMS member Nathan Burkett-Cadena.

The society will be supporting the publication of his book at the level of \$1,000, and its logo will be displayed as a sponsor on the copyright page.

Nathan is currently a postdoctoral fellow at the University of South Florida in Tampa where he recently published an article in the Public Library of Science's *PLoS ONE* entitled, "Host Reproductive Phenology Drives Seasonal Patterns of Host Use in Mosquitoes." He presented some of those findings at the AVMS meeting in March 2011.



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**The AVMS is grateful to have the support of 2010-2011 Sustaining Members**

Sustaining Member	Phone #
Central Life Sciences/Zoecon	256-527-9904
Gil Manufacturing Inc.	334-284-8111
Univar USA	251-666-5995
AllPro Vector Group	888-603-1008
ADAPCO Inc.	888-400-9085
Valent Biosciences	813-505-8852
Clarke	601-594-0305
Bayer Environmental Science	919-549-2534
Vector Disease Control Inc.	800-413-4445

**CODE OF ETHICS FOR MEMBERS OF THE ALABAMA VECTOR MANAGEMENT SOCIETY**

Preamble: The purpose of the Alabama Vector Management Society is to promote the management of public health pests and arthropod vectors of disease, provide for the educational and scientific advancement of members, encourage scientific research in vector management and public health pests, promote an exchange of information among members, and to extend and develop public awareness and interest in the discipline.

Public health pest and vector management provides services that are extremely important to the health, welfare and progress of society. Those employed in the public health pest and vector management profession have the responsibility to render effective and professional service to humanity, in keeping with high standards of ethical conduct. Therefore, in striving to advance and maintain the honor and dignity of the profession, the Alabama Vector Management Society (AVMS) has established the following code to define the conduct and ethics due the profession. This code is binding on the membership of the AVMS.

AVMS members will use their knowledge and skill

for the betterment of human welfare.

- Members will, at all times, strive to maintain the public trust, and advance the standards and principles established by the AVMS.
- Members will cooperate in the exchange of information and technology for the growth and progress of the public health and vector management profession and the AVMS.
- Members will not cause dishonor to the Society through their actions while representing the AVMS.
- Members will comply with all laws and regulations that apply to our science and profession.
- Members will promote solidarity, harmony and support among members and fellow workers. They will not undermine, vilify, berate or otherwise intentionally injure the work, accomplishments, efforts or professional reputation of another.
- Members will not conduct or in any way participate in a fallacious review of the work of a fellow worker or other member.



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# AVMS proposes amendments to by-laws



During the AVMS Executive Board Meeting on September 22, 2011, the Board discussed changing the AVMS by-laws to indicate in more detail the duties of the society's Treasurer and the official mailing address of the society. Any amendment to the bylaws must be proposed in writing by 30 days prior to the society's annual meeting. Voting to accept these amendments will take place at the annual business meeting. To view the bylaws as they currently stand, please visit [http://alabamavms.org/AVMS\\_bylaws.html](http://alabamavms.org/AVMS_bylaws.html).

## First Proposed Amendment

**Section Amended:** Article II. **Purpose:** to change address of principal place of business for the society. **Proposed Wording:** The principal place of business shall be located at Montgomery County Health Department, 3060 Mobile Hwy, Montgomery, AL 36108.

## Second Proposed Amendment

**Section Amended:** Article V, Section D. **Purpose:** to add official duty to Treasurer's existing responsibilities. **Proposed Wording (to be added at end of section):** The Treasurer shall file with the Internal Revenue Service accurate and timely tax documents by May 15th annually. Further, the Treasurer shall save tax documents and confirmation of submission of said activity with AVMS business records.

## 2012—2013 AVMS Board of Directors nomination slate prepared

It's time again to ask our members to serve the AVMS in leadership roles. The proposed slate of directors is as follows. Nominations will also be accepted from the floor at the business meeting in March.

**President:** Mark Tow, Alabama Power

**President-Elect:** Jason Carlee, Alabama Power

**Director** (2nd year of 2-year term): Jennifer Wroten, Jefferson County Dept. of Health

**Director** (1st year of 2-year term): Dr. Dee Jones, Alabama Dept. of Public Health

**Director** (2nd year of 2-year term): Kelly Stevens, Alabama Dept. of Public Health

**Director** (1st year of 2-year term) : Steven Boyd, USDA APHIS Wildlife Services

**Secretary** (2nd year of 3-year term): Leigh Salter, Montgomery County Health Department

**Treasurer** (2nd year of 3-year term): Steven McDaniel, Alabama Dept. of Public Health

**Editor** (2nd year of 3-year term): Ashley Lovell, USDA APHIS Wildlife Services



**Editor's Apologies!**

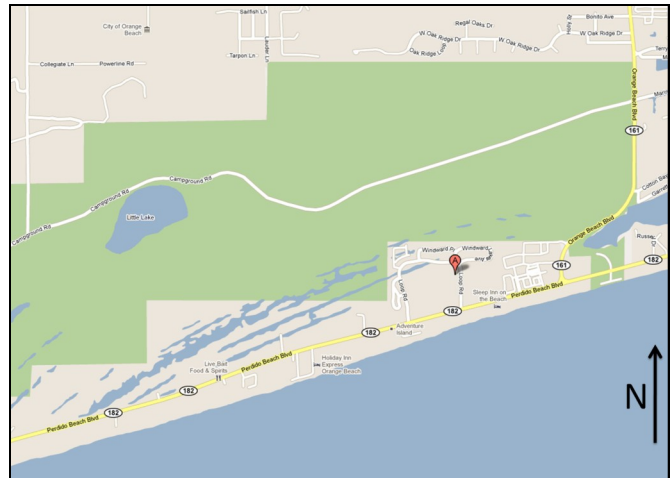
**The Vector Spotlight section will return to the next issue.**



# Annual meeting promises variety of speakers and topics

The agenda for the 23rd Annual AVMS Meeting in Orange Beach is under construction. But we can tell you who has agreed to speak and what their topic will be. This meeting will qualify for continuing education points toward your certified pesticide applicator license for Alabama and Tennessee licensed applicators.

In addition, industry representatives will be on-hand to discuss their tools and products that can meet all of your vector control needs. Make plans to attend today!



Visit the hotel website @<http://www.marriott.com/hotels/travel/pnsob-fairfield-inn-andsuites-orange-beach>

Fairfield Inn and Suites by Marriott  
 3111 Loop Road  
 Orange Beach, AL 36561  
 800- 276-7415, 251-543-4444

## Speakers on agenda March 13 and 14th, 2012

Speaker	Topic
<b>Dr. Charles Ray, Auburn University</b>	Yellowjackets
<b>Dr. Gerome Goddard, Mississippi State University</b>	Bed Bugs
<b>Dr. Faith Oi, University of Florida</b>	Roaches
<b>Steve Sullivan, Bell Laboratories</b>	Rodenticides
<b>Dale Mapp, AL Dept of Environmental Management</b>	National Pollutant Discharge Elimination Permits
<b>Steven Gates, Cooks Pest Control</b>	Fleas
<b>Faye Golden, AL Dept of Ag and Industries</b>	Updates from ADAI
<b>Dana Johnson, USDA APHIS Wildlife Services</b>	Feral Swine
<b>Dr. Nathan Burkett-Cadena, University of South Florida</b>	History of Yellow Fever in Mobile, AL
<b>Dr. Fudd Graham, Auburn University</b>	Reading Pesticide Labels
<b>Dr. Dee Jones, Alabama Dept. of Public Health</b>	Tick-Borne Diseases in the Stray Animal Population



# Bat Exclusion Tips



By Ashley R Lovell, USDA APHIS Wildlife Services

Bats in the attic? The soffits? Louvered vents? Here is a tutorial for excluding them in some common scenarios.

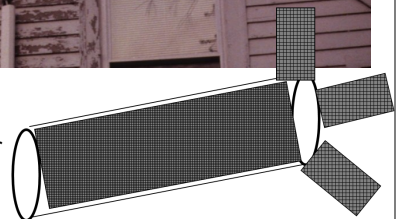
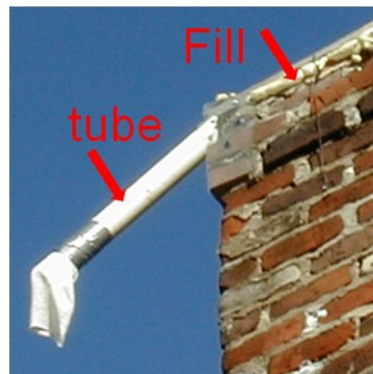
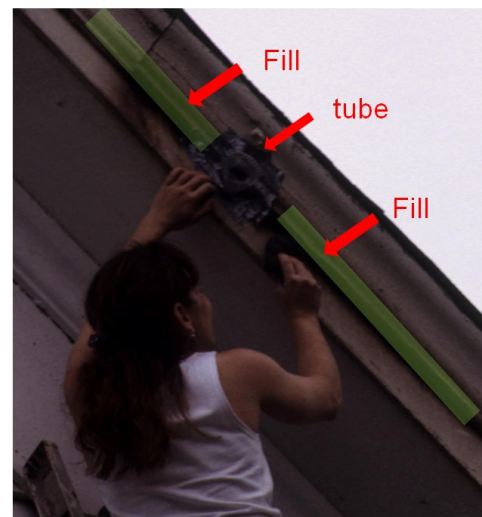
Most bats that inhabit human structures in Alabama are one of three species: Big brown bats, evening bats, and Mexican free-tailed bats. There are seven species of protected bats in Alabama under the Non-Game Species Regulation (220-2-.92), two of which are considered endangered. The three species mentioned here do not fall under the regulation. Luckily, we do not need to harm or harass these bats to exclude them from our structures. Well, unless you ask them...they may feel harassed when evicted from their cozy homes!

With bat exclusion, timing is everything. Bats are nocturnal and are active during the temperate times of year. In Alabama, we know that could be year-round, but generally speaking, bats stay put when nighttime temperatures hover in the 40's or below. So if you are going to exclude them, it needs to be during the spring and fall months, or exclusion may take longer. You should not attempt exclusion at all between late May and mid-August, as they may have young with them that cannot fly. If a bat can't fly, you can't exclude it! What will happen is you will exclude its flying mother, and leave the young bat trapped inside your attic with no chance of survival.

Find the places in your structure where bats are entering and exiting. Clues to watch for include brown stains (from the oil on their fur) on the adjacent substrate, droppings with tiny insect parts/scales in them on the ground below the entrance/exit or stuck to the brick or wood below the hole, strong odors, and occasionally sounds of scurrying and chirping. Some people are not able to hear the chatter/chirp of bats, so if you can, consider yourself lucky. If you have an idea where they are entering/exiting, make plans that night to watch with a flashlight to confirm the exit. Try to enlist the help of friends to monitor all the eaves, soffits, and trim around your house or structure to locate every place the bats are exiting. A bat can fit through a hole or crack the width of a dime diameter or larger. The next day, use a ladder or scaffolding to reach the hole, and cover it with a homemade excluder tube. Attach the tubes with staple guns, duct tape or temporary screws, making sure the base of the tube is firmly attached, with no gaps they might squeeze through. Then take the time to block or seal the rest of the gap (if it is larger than the diameter of the tube) in order to direct the bats to your tube as the only exit. The only exit for the bats will now be the very end of your excluder tube. Install an excluder tube over every exit you have identified. Later that evening at dusk until



Mexican free-tailed bats (*Tadarida brasiliensis*) roosting in attic in Dadeville, AL. Photo by Ashley Lovell, USDA.



Excluder tube made from 1/4 inch hardware cloth, 18 inches long, 2.5 inch diameter, tabs cut into bottom for flexing and attaching.

past dark, watch with a flashlight to be sure the bats only fly out of the end of your tubes. Usually it takes them a bit longer to fly out because they are not used to this new "barrier" over their normal exit.

The tube functions as a one-way door..once the bats fly out, they cannot figure out how to fly back in. They key into the drafts of warm air coming from the original hole and try to enter at the base of the tube where the draft is coming from. But if the tube is installed firmly, they will be blocked from doing so. Leave the tubes up for a several warm nights to a week to be sure all the bats in the structure fly out (some bats may not fly every night). When you are certain no more bats remain, you can remove the tubes and permanently block/repair the holes. This might require installing new wood trim pieces or using caulking.

Attach tubes over all suspected exits and fill gaps around the tube using caulk or great stuff or steel wool so that bats can only exit at the end of the mesh or PVC tube.

**ALABAMA VECTOR MANAGEMENT SOCIETY  
MEMBERSHIP FORM/ANNUAL MEETING REGISTRATION**

NAME: \_\_\_\_\_  
AFFILIATION: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY, STATE, ZIP: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
E-MAIL \_\_\_\_\_

Mail form with check to:  
Steven McDaniel  
P.O. Box 3093  
Montgomery, AL 36109

For Vendor Information Contact:

Drew Lockhart.....Industry Liaison  
4904 Preakness Circle  
Brownsboro, AL 35741  
256-527-9904  
DLockhart@central.com

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|--|----------|
| <input type="checkbox"/> MEMBERSHIP ONLY (2012-2013 DUES)  | \$10.00  |
| <input type="checkbox"/> STUDENT MEMBERSHIP ONLY (2012-2013 DUES)                                  | \$5.00   |
| <input type="checkbox"/> MEMBERSHIP ONLY (2011 DUES)   | \$10.00  |
| <input type="checkbox"/> STUDENT MEMBERSHIP ONLY (2011 DUES)                                       | \$5.00   |
| <input type="checkbox"/> PRE-REGISTRATION FOR MEMBERS (BEFORE MARCH 1, 2012)                       | \$75.00  |
| <input type="checkbox"/> REGISTRATION AFTER MARCH 1, 2012 or ON SITE<br>(INCLUDES MEMBERSHIP DUES) | \$110.00 |
| <input type="checkbox"/> STUDENT REGISTRATION  | \$25.00  |
| AMOUNT ENCLOSED  | _____    |

**MAKE CHECKS PAYABLE TO: Alabama  
Vector Management Society**  
*I UNDERSTAND THAT, AS A MEMBER OF  
THE AVMS, I AM EXPECTED TO ADHERE TO  
THE AVMS CODE OF ETHICS*



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