The Newsletter of the Florida Mosquito Control Association Volume 9, Issue Number 1
Jan/Feb 2009

Can we get 200 to Tallahassee in 2009?

Remember that you don't have the stay overnight – just come for the day if you can! So far we have commitments from the agencies listed below (with the number of people representing each agency). See inside for information on Tallahassee Days.

Indian River MCD	*Indian River MCD*	*Indian River MCD*	*Indian River MCD*	*FMEL*	*FMEL*	*FMEL*	*AMVAC*	*CLARKE MOSQUITO CONTROL*
South Walton MCD	*South Walton MCD*	*South Walton MCD*	*Independent Flo Jones*	*Escambia County Mosquito Control*	*Escambia County Mosquito Control*	*Escambia County Mosquito Control*	*Escambia County Mosquito Control*	*Escambia County Mosquito Control*
Escambia County Mosquito Control	*Escambia County Mosquito Control*	*Escambia County Mosquito Control*	*Seminole County Mosquito Control*	*PHEREC*	*Beach Mosquito Control*	*Beach Mosquito Control*	*Beach Mosquito Control*	*Beach Mosquito Control*
Pasco County MCD	*Pasco County MCD*	*Gulf County Mosquito Control*	*Gulf County Mosquito Control*	*Gulf County Mosquito Control*	*Gulf County Mosquito Control*	*Collier Mosquito Control*	*Collier Mosquito Control*	*Collier Mosquito Control*
Central Life Sciences	*Citrus County Mosquito Control*	*Anastasia Mosquito Control District*	*Anastasia Mosquito Control District*	*Anastasia Mosquito Control District*	*Anastasia Mosquito Control District*	*Anastasia Mosquito Control District*	*Anastasia Mosquito Control District*	*Orange County Mosquito Control*
Charlotte County Env Services	*Levy County Mosquito Control*	*Manatee County MCD*	*Lee County MCD*	*Lee County MCD*	*Lee County MCD*	*Lee County MCD*	*City of Gainesville MC*	*East Volusia MCD*
Jacksonville MC	*Jacksonville MC*	*Okaloosa County Public Works*	*Okaloosa County Public Works*	*Okaloosa County Public Works*	*Valent BioSciences*	*Hillsborough MC*	*Hillsborough MC*	*Hillsborough MC*
Hillsborough MC								

News from FMCA

FMCA Awards and Officers
The FMCA Officers for 2009 were installed during the 2008 FMCA Fall Meeting in Panama City. They are:

President: Dennis Moore
President-Elect: Shelly Redovan
Vice President: Roxanne Connelly
Immediate Past President: Frank Van Essen

FMCA Awards presented during the 2008 FMCA Fall meeting in Panama City were:

FMCA Merit Award: Tom Floore
FMCA Merit Award: Alan Curtis
Sherry Yarberry Award: Morel Jules
James W Robinson Award: James Wynn
FMCA Presidential Citation: Roxanne Connelly

Congratulations to the two winners of the 2008 T. Wainwright Miller, Jr. FMCA Scholarship!

1st Place and recipient of $2,000: Ms. Stephanie Larrick, MS Student, Univ of Florida. (left in photo below)
2nd Place and recipient of $500: Mrs. Whitney Swan, PhD Student, Univ. of Florida (right in photo below)

News from FDACS

The following people and/or agencies were recognized by FDACS for excellence in their programs. Awards were announced during the 2008 FMCA Fall meeting in Panama City.

DACS Statewide Mosquito Surveillance Information System

Carl Boohene
Wade Brennan
Marah Clark
Mark Cothran
Brenda Hunt
Ivan Griffin
Billy Kellner
Debra Kinney
Dale Martin
Gerardo Medrano
Robert Neil
Debbie Miller
Mike Smith
Rene Snow
Jason Stuck

DACS Reporting

ANASTASIA, BAY, BAY - BEACH, BROWARD, BUCKHEAD RIDGE, CALHOUN, CHARLOTTE, CITRUS, COLLIER, COLUMBIA, DESOTO, EAST FLAGLER, ESCAMBIA, FLORIDA KEYS, FRANKLIN, GULF, HERNANDO, HOLMES, INDIAN RIVER, JACKSONVILLE, JEFFERSON, LAKE, LEE, LEON, LIBERTY, MANATEE, MARTIN, NORTH WALTON, OKALOOSA, ORANGE , OSCEOLA, PASCO, PINELLAS, SAINT LUCIE, SARASOTA, SOUTH WALTON, SUMTER, TAYLOR, WASHINGTON, WEST FLAGLER.

FL Directorship Award

The **FL DACS Directorship Award**, honors qualified directors who have demonstrated outstanding leadership while effectively and efficiently operating fully integrated mosquito management programs, that comply with all FL DACS mandated reporting deadlines with accuracy. This award is presented to a director in each of the three directorship categories.
Director I – William Lycan
Director II – Joe Danford
Director III – Mark Latham

News from the Districts

Celebration Postponed
The 60th Anniversary Celebration of the Anastasia Mosquito Control District of St. Johns County, Florida has been postponed until April 2, 2009. For more information: www.anastasiamcd.org

NEWS from PHEREC

Tom Floore Retirement

On February 28, 2009, Tom Floore completed the State of Florida "DROP" retirement program ending just over 30 years in mosquito research at the John A. Mulrennan Sr., Public Health Entomology Research & Education Center (PHEREC) in Panama City, FL. Tom came to PHEREC under the Florida Department of Health & Rehabilitative Services in 1978 and received his first assignment on biting midge control research from then Director, Mr. B. W. Clements. It was not long thereafter, that he became involved in mosquito wind tunnel studies establishing baseline insecticide susceptibilities for *Culex quinquefasciatus*, *Culex nigripalpus* and *Aedes taeniorhynchus.* These data combined with field tests were important in guiding Florida insecticide-use recommendations. In 1991, when PHEREC transferred to Florida A&M University under the College of Engineering Sciences, Technology, and Agriculture, Tom specialized in mosquito larvicide research leading to the bulk of his 60+ publications. Many of the products used today were developed through testing conducted by Tom and his co-workers. He was a key player in many of the recent methoprene and oil formulations. Tom was recipient of a continuous stream of industry grants supporting a myriad of experimental bioassays. Mosquito control practitioners and industry representatives benefited greatly through Tom's work. In 1997, Tom was awarded the FAMU Outstanding Staff Award for his research accomplishments and productivity as a Senior Biological Scientist.

As chief editor, Tom steered publication of the 2007 AMCA Technical Bulletin #7 entitled, "Biorational Control of Mosquitoes". This was a substantial update and review of literature on biological and other non-pesticidal mosquito control methods. Tom is well known for his work as web master of the FMCA web site. He served in a similar capacity for the AMCA for which he received a meritorious service award.

Not stopping there, he served as managing editor for the AMCA trade magazine, *Wing Beats*, produced by the FMCA. He was a "fixture" for many years in managing PowerPoint presentations at the FMCA meetings. More recently, he assisted in a similar capacity for the AMCA and for the Southeast Regional Public Health Pest & Vector Management Conference hosted by PHEREC. In 2008, Tom was awarded the FMCA meritorious service award.

These are just a few of his more prominent activities. Clearly, his efforts have greatly benefited not only the scientific community, but mosquito control and the public as well. Knowing Tom, I suspect he will continue making his presence known in our profession. Tom will be missed at the Lab, but is richly deserving of his retirement years. Here's wishing him the best!

Dr. John P. Smith
PHEREC Director

BEACH MOSQUITO CONTROL DISTRICT

1016 Cox Grade Road
Panama City Beach, FL 32407
Phone (850) 233-5030
Fax (850) 233-5033
Suncom 770-5030

Director
Edward C. Hunter Jr.
E-mail: edhunter4@comcast.net
Web Page: pcbeachmosquito.org

BEACH MOSQUITO CONTROL DISTRICT (BMCD) is accepting applications for a Director III position. Minimum qualifications: Graduate of a four (4) year college or university with a bachelor degree in entomology, biology, agriculture, or related sciences or engineering, four years experience in mosquito control. Administrative management and aerial experience highly preferred. Qualified persons with advanced professional degrees are encouraged to apply. Must possess or obtain Florida Department of Agriculture & Consumer Service (FDACS) Florida Public Health Pest Control and Director's Certifications within six (6) months of employment. Starting salary range is $63,668.80 and is negotiable. BMCD is an equal opportunity employer and a drug free work place. A position description and general information about the District can be found at **http://www.pcbeachmosquito.org**.

Applications may be obtained at the BMCD office at 1016 Cox Grade Rd, Panama City Beach, Fl 32407, Mon.-Fri., 6:30 a.m. to 3:30 p.m., phone (850) 233-5030 or electronically at the web site above. The following documents are required to be considered for this position.

1. Completed BMCD application
2. Resume or curriculum vita
3. Letter containing the applicant's goals and management philosophy
4. Address including email and phone number of five references knowledgeable of applicants experience in leadership, management and mosquito control

These documents must be mailed to BMCD with post date **no later than March 31, 2009**.

AMCA Field Day

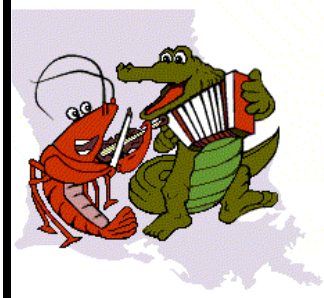
In conjunction with the AMCA Annual meeting in New Orleans April 5-9, 2009, a Field Day will be held at the **St. Tammany Parish Mosquito Abatement District** on Wednesday, **April 8 from 11:30 am to 4:30 pm.** The Field Day will take the place of the afternoon session of papers at the hotel. The objective of the Field Day is for the AMCA membership to exchange ideas and knowledge, and experience first-hand many of the innovations, equipment, and methodologies used in mosquito control. We especially encourage mosquito abatement districts to set up a booth to exhibit their technologies, equipment and innovations. Examples of exhibits are: specialized adult mosquito traps or other collecting devices, larvicide rigs, public education information, laboratory methodologies, software used for mosquito surveillance and control, adulticide rigs, and the list can go on! There have been many innovative technologies that have been developed and used by districts, and we encourage you to share that information and knowledge with other members. You may want to only set up a display board of your district operations. If you set up a display or exhibit, someone will need to be at the exhibit booth so you can share your knowledge and information with others.

Industry representatives are also welcome to participate in the Field Day event. We encourage vendors to display or demonstrate their equipment and/or products in a way that educates existing or potential customers on how to get the most of our equipment and products. We ask exhibitors to respect the educational nature of this event and refrain from the commercialization of products. It is respectfully requested that no direct sales be made during Field Day, and furthermore, any product brochures distributed during Field Day must be educational in nature rather than sales-oriented.

Transportation for the event will be provided by bus from the hotel and back.

****Shipment of your equipment to the St. Tammany Parish Mosquito Abatement District can be arranged by contacting Chuck Palmisano at 985-643-5050.****

Exhibiting information: Seventeen (17) exhibit booths 20' X 16' will be housed under roof. Electricity, a large table and two chairs will be available for each booth. There will also be ten (10), 10' X 10' canopies set up in a field adjacent to the facility for exhibitors who have larger equipment to demonstrate. There will be no electricity available for the canopy areas. Because Field Day is an educational event designed for the sharing of ideas, all booths and canopies are free of charge.



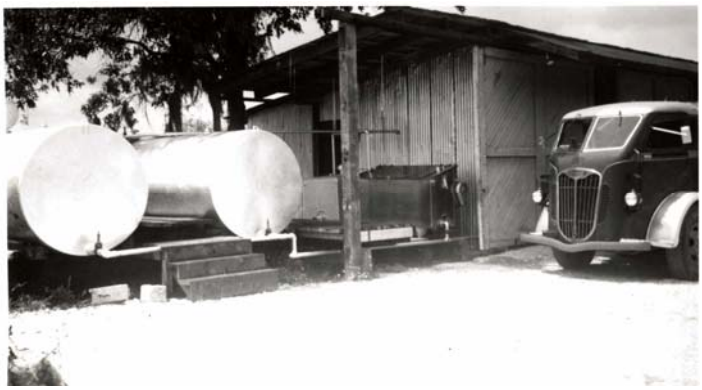
Lunch: Field day includes lunch, and a Cajun band will provide live entertainment! There will be crawfish boiled on site along with jambalaya cooked on site.

How to sign up: Visit the AMCA website at www.mosquito.org to obtain a registration form or call the St. Tammany Parish Mosquito Abatement District at 985-643-5050 and they will send you a form. You may mail, fax or email your registration form to chuck_palmisano@yahoo.com or St Tammany Parish Mosquito Abatement District, 62512 Airport Road, Building 23, Slidell, LA. 70460 or fax to 985-649-7325. Please send your registration by March 1, 2009.

The Origins of Mosquito Control in Hillsborough County Celebrating 60 Years

Located midway along the west coast of Florida, Hillsborough County has 1,048 square miles of land and 24 square miles of inland water area. The unincorporated area encompasses 909 square miles, or more than 84 percent of the total county area. Incorporated areas include Tampa, Temple Terrace and Plant City.

Sixty years ago, on June 13, 1949, the Florida State Legislature passed a special act creating the Hillsborough County Anti-Mosquito District. Later that year the county's commissioners voted to levy a 0.25 millage tax in order to fund the operation, under the supervision and direction of the Hillsborough County Health Department. Armed with a Todd Insecticidal Fog Applicator (TIFA) machine, a contract for aerial spraying, and a budget of $54,273.33, Sanitation Division Director Henry B. Crowell, Sanitary Engineer Martin J. Murray, and a small but determined army declared war on mosquitoes in Hillsborough County.



"District Barn #3" was the first home to Hillsborough County Mosquito Control. To the left are the two 2,000 gallon pesticide storage tanks initially procured to hold the DDT solutions. Visible on the right is the front of the oil tanker truck used to take waste motor oil out to the field sites for larviciding.

After setting up headquarters in an old barn in the vicinity of what is now Linebaugh and Armenia Avenues, the first order of business was to stock two 2,000 gallon storage tanks with a 5% solution of DDT and fuel oil, along with two stainless steel vats used for mixing and storing the 35% DDT concentrate.

Like many coastal communities, Hillsborough County's miles of salt marsh produced voracious hordes of *Aedes taeniorhynchus* and *sollicitans* mosquitoes, whose numbers were observed to peak in late June and July. During those onslaughts the fledgling organization supplemented the four-truck nightly fogging operation with contract aerial applications of DDT, using Stearman aircraft rented for $55 per hour (cost per acre for aerial adulticiding was 17.5 cents per acre). Director Crowell observed that: "it is interesting to note that all invasions by mosquito populations followed approximately two weeks after the monthly high tide."

The first attempt to mount a Dyna-fog machine on an airboat resulted in Hillsborough County Mosquito Control's first (but not last) airboat sinking event. Fortunately no one was hurt, and the equipment was salvaged. After a second, more successful attempt, residents of Davis Island were finally able to get relief from the bloodthirsty insects through regular airboat fogging runs, in addition to the aerial treatments. (The Davis Island Civic Association was a strong advocate for organized mosquito control, and in previous years had contracted on their own for aerial applications of DDT until 1947, when the airplane spraying the island crashed into the wharf on the far side of the shipping channel.)

Larviciding involved sucking waste motor oil from underground storage tanks at service stations and garages into a 500-gallon tank mounted on a 1-1/2 ton Ford truck, mixing it with mineral spirits to reduce its viscosity, and spraying it directly into ditches and other mosquito breeding areas. In 1951 some 24,465 gallons of waste oil plus 150 gallons of mineral spirits were "recycled" in this manner.

Additionally that year, Crowell reported that 1,866 yards of new ditches were dug through the salt marsh, and 11,215 feet of existing ditches were re-cleared. The ditching program was pronounced a "huge success, as evidenced by a sharp decline of adults and larvae."

A limited surveillance program was also put into place in those early years, utilizing a handful of New Jersey Light Traps. In addition to the salt marsh mosquito problem, large numbers of *Anopheles atropos* were collected in the Rocky Point area, which were later traced to brackish ponds and ditches nearby. Other mosquito species collected were *Psorophora confinnis, Anopheles quadrimaculatus, Mansonia indubitans, Anopheles crucians,* and various species of *Culex.*

This Oliver OC3 Crawler Tractor was converted from farm use by removing the bulldozer blades and installing tanks and a spray pump in order to disperse waste oil for larviciding in the salt marsh. Oak boards were bolted onto the tracks to help keep it from sinking.

Many changes were to take place in the following years. In 1954 a new facility was acquired on Seddon Island, now known as "Harbour Island." The only access to the island was by railroad bridge, and wooden timbers were laid lengthwise along the railing in order to drive automobiles over. It was a treacherous crossing, but luckily no one ever went over the edge.

Spray trucks equipped with Dyna Fog machines lined up behind the "New Facility" on Seddon Island.

In 1956, Sanitary Engineer James Daniel Gorman took the helm of the Mosquito Control Unit, as it was now known, and steered the organization through many changes and innovations until he retired 38 years later in 1994, to be replaced by then 12-year veteran Joel Jacobson.

Along the way, the organization acquired, utilized and later sold two C-47 spray planes, various Hiller and Bell-47 helicopters, and a fleet of different wheeled and tracked vehicles for spraying mosquitoes and larvae in a myriad of difficult-to-reach locations. The use of DDT was halted in favor of a Malathion-Lethane solution, which was later replaced by more current, permethrin-based pesticides. The use of waste motor oil was also succeeded by more ecologically friendly larvicides and practices.

In 1972 construction began on a new facility at Tampa International Airport. Around the same time the Dyna-fog machines were replaced by new, quieter ultra-low-volume sprayers, which led to complaints from citizens that they never heard the spray trucks anymore. Director Henry Crowell had once remarked "If I ever have to get

rid of my Dyna-fog machines, I'll have to put horns on my spray trucks."

Major organizational changes also took place: In 1959 the State Legislature amended the original act to give the mosquito control unit additional responsibility for "arthropod control" and authorizing them to bury trash. Two of the unit's four draglines were put to use in seven landfills operated by the section. Then in 1982 the organization was re-designated the Hillsborough County Animal, Mosquito and Aquatic Weed Control Department. In 1994, the Mosquito Control section was removed from the Health Department and placed under the Roads Department (now Transportation Maintenance Division) of the Public Works Department of Hillsborough County. This led to a significant down-sizing of the organization, a smaller budget and increased oversight.

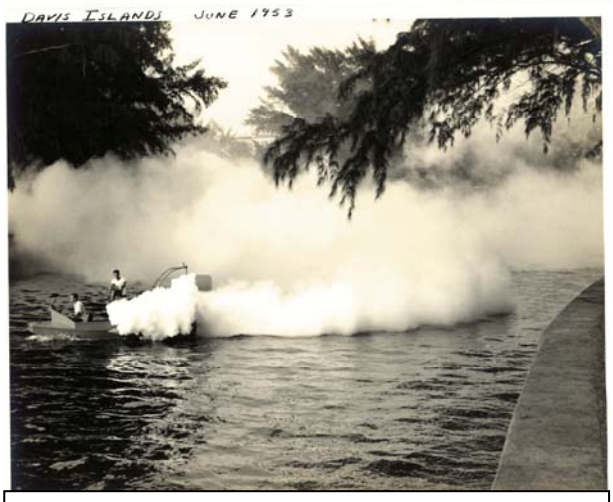
Today Hillsborough County Mosquito Control has 27 employees, a dozen Ford and Dodge pickup trucks equipped with Cougar Smartflow ULV sprayers, two airboats, two jonboats, two Argo amphibious vehicles, and a hodgepodge of other all-terrain vehicles for getting into the protected salt marsh areas without leaving a significant "footprint," as well as a Bell 206B-III Jetranger, and another Jetranger helicopter being utilized on a rental basis for inspecting and larviciding operations. Aerial adulticiding is conducted with the first ever dual-category multi-use King Air C90 spray plane, which can be converted in just two short hours into a passenger transport aircraft, thus making full and efficient use of this popular and utilitarian airframe.

Hillsborough County's surveillance program now boasts 77 CDC Light Traps and 14 Sentinel Chicken flocks monitored year-round. The airboats, originally purchased for fogging around the islands and waterways, are now utilized for source reduction, spraying mosquito-larva-sheltering aquatic weeds which would otherwise choke the Hillsborough River and other public ponds, lakes and waterways.

Director Carlos Fernandes, who took the helm in 2005, continues to emphasize the importance of larviciding, biological and "permanent controls" while keeping in mind, as then President Henry Crowell said while addressing the 1960 meeting of the Florida Anti-Mosquito Association: "although we should never consider stopping our permanent control program or the maintenance of that part which has been completed, the fogging and spraying machine will be needed to satisfy Mr. John Q. Taxpayer."

Pamela Jacobson
Chief Pilot

Extensive credit and thanks go to Dr. Gordon Patterson, whose research notes provided the bulk of the information for this article, and Dan Gorman, whose personal recollections provided the rest.



Airboat fogging around Davis Island in 1953.

We need you to attend FMCA's Legislative Days
Target Date: March 17-18, 2009

Your visits during last year's Legislative Days made an impact with the Florida legislators. Thanks to the 21 individuals from 13 organizations participating through FMCA, the FY 2008-2009 budget approved by the legislature fully funded Florida's Department of Agriculture and Consumer Services (FDACS) support for mosquito control programs at $2.16M and contained a research proviso for $250,000. Job well done.

Florida is experiencing a serious budget shortfall and the Governor's office is requesting every state agency to submit a plan to decrease spending by 10%. FDACS has submitted a list of 82 possible cuts, totaling the 10% decrease as requested. Unfortunately, one of those cuts is $1.06M for mosquito control, leaving ~ $1.1M to distribute for mosquito control programs and research. This represents a 50% cut to mosquito control!

It cannot be stressed enough how important your participation will be in Tallahassee next year. The proposed reduction in state support for mosquito control will very likely become a reality if FMCA does not defend mosquito control's needs and our importance in protecting the health and well being of Florida's residents and tourists. If state funds are important to continue the training and education for your staff, to provide other resources for your program, and if you rely on the information resulting from the Florida mosquito control research program, then you need to let Florida's legislators know. The reduction in state funds will significantly affect the smaller programs so it is especially important that they come to Tallahassee to be heard. Once these state funds are lost, they will not likely come back, and it could likely be a precedent to further reduce the program or eliminate it completely if further cuts are needed, or if another Agency sees an opportunity to use the funds from the Waste Tire Fund for another purpose.

FMCA's Legislative Days is tentatively scheduled for March 17-18, 2009 in Tallahassee, FL. We need to have as many participants this year as possible. Your participation would be greatly appreciated and we urge you to put this on your calendar. Your participation can make an impact with the legislators. This is a critical time for the future health of Florida mosquito control. The FMCA legislative committee provides participants in Tallahassee with background information and brochures to give to legislators. We visit each legislator using groups of 4-5 participants with at least one participant who has had previous experience acting as the lead spokesperson. This is a well crafted activity that you will actually find enjoyable!

If you plan to attend the legislative days, or have questions about the Tallahassee Days program, please contact FMCA's Legislative Committee Co-Chairs – Dennis Moore (727.376.4568) or Doug Carlson (772.562.2393). Travel funds are available through the FMCA by request. Contact Dennis or Doug if funding is requested.

Hope to see you in Tallahassee,

Dennis Moore & Doug Carlson,
FMCA's Legislative Committee Co-Chairs

Florida Mosquito Control during the Florida Budget Crisis

The U. S. economy is in dire straits, and we in Florida have already experienced deep financial shortfalls in the Florida state budget. We continue to experience budget reductions in state services and this is likely to continue for the next several months. The Florida DACS plan to meet budget reductions includes a drastic cut in Florida state aid to mosquito control, and one DACS plan included eliminating the Florida mosquito control research program (See Tabachnick, WJ. 2009. *Buzzwords* 8(6): 8-11).

At the recent 2009 FMCA Dodd Short Course, Mike Page, Bureau Chief, DACS Bureau of Entomology and Pest Control shared a revised DACS budget plan with the attending Mosquito Control Commissioners and Mosquito Control Directors. Though this revised DACS plan provides full restoration of the $250,000 mosquito control research program, it is still based on the draconian 50% reduction in state aid to mosquito control statewide. Therefore providing funds for mosquito control research out of the remaining total will only further reduce the state aid to local districts.

The strong support from Florida Mosquito Control for the research program has been gratifying. The revised DACS plan, restoring research is testimony to this overwhelming support. Each year the Florida Coordinating Council on Mosquito Control seeks to establish priorities for needed research. The Council has representatives from the varied Florida mosquito control stakeholders, including representatives of the Florida research labs at FMEL and PHEREC, and mosquito control district Directors. There are many opportunities for Florida mosquito control to provide input about their needs for more research. The scientists at both FMEL and PHEREC listen to the needs that are expressed to them at meetings, such as at the FMCA meeting, the Dodd Short Courses, or through telephone and e-mails. Concerns about needed research can be shared with the FMCA Research Advisory Committee through the Committee Chair, Ed Fussell, who is also a member of the Council. All information is brought to bear to establish priorities so that the meager research funds address legitimate and significant statewide issues.

Mosquito control Directors should continually provide input to the process, continually review how the process is working, and provide their ideas to the Council on how to improve the process. Table 1 shows the research areas that the Council has considered in 2007, 2008, and 2009 and the rankings to establish priorities. The Council priority rankings are very important in the actual selection of projects to receive state funds as part of the research program. The rankings are provided to the DACS Research Committee for their deliberations on the proposals submitted for funding. They consider the priority of the project using the Council rankings, along with the quality of the proposal's science, statewide impact, and chance of success, among other criteria, to select the few proposals that can be supported with the available funds. The intent is to support high priority quality research, while ensuring that less well designed projects are not supported simply on the basis of priority. The priority ranking of essential issues has been consistent over the past three years signifying the continued importance of the issues to Florida. The same issues are always among the top 5-7. This by no means agreement that the other issues are not important. They are. Unfortunately there is just not enough research dollars to be sure these can be addressed each year. DACS, the Coordinating Council and the scientists submitting proposals greatly appreciate the excellent job by the members of the Selection Committee (Dan Kline, Chair; Doria Bowers, Gary Clark, Jonathan Hornby, Zack Prusak, Eric Schreiber, Jeff Stivers, and Ruide Xue). They have a very difficult task, reviewing proposals, and then meeting to achieve consensus on which should be funded.

I hope that more Mosquito Control Directors share their thoughts on mosquito control research needs with the Coordinating Council, the FMCA Research Advisory Committee, members of the FMEL and PHEREC. It is essential that the Council list of potential research issues is complete and represents the needs.

We can improve on the Florida Mosquito Control Research Program with everyone's input.
It is essential and urgent that we also need to protect and improve on state aid to mosquito control districts. The revised DACS plan will savage the state aid program. Everyone needs to put **March 17-18, 2009** on their calendars. These are the dates for **FMCA's Tallahassee Days** this year when we alert the Florida Legislature of the importance of the mosquito control state aid program and the mosquito control research program. I cannot overstate the importance of this year's Tallahassee Days to the future for Florida mosquito control. This is about the future of mosquito control in Florida, and ability of mosquito control to protect Florida's health and well being. The loss of the state mosquito control funds will have dire consequences with potential for negative impact on public health with consequences to Florida's overall economy. A mosquito-borne disease outbreak will have an impact on tourism and housing. We would be professionally remiss in not calling attention to the consequences of the proposed budget cuts. It is time when we must all step up. We need to have a huge showing in Tallahassee this year. Please plan on attending and bringing as many people from your organization as possible.

FLORIDA COORDINATING COUNCIL RESEARCH PRIORITIZATION RESULTS 2007, 2008 AND 2009

RESEARCH TOPIC	**RANK 2007**	**RANK 2008**	**RANK 2009**
Disease—Surveillance/Control/Risk Prediction	**4**	**1**	**1**
Pesticide—New Products	**8**	**1**	**4**
Non Pesticide Control Strategies	**1**	**3**	**1**
Emerging Pathogens	**2**	**3**	**4**
Domestic Mosquito Control	**7**	**3**	**6**
Pesticide—Non-target Effects: Chronic or Acute	**3**	**6**	**3**
Mosquito Ecology/Behavior/Population Dynamics	**5**	**7**	**7**
Application—Larvicides	**11**	**8**	**10**
Environmental Residue Monitoring	**8**	**9**	**11**
Application—Adulticides	**12**	**10**	**8**
Pesticide—Efficacy/Resistance	**10**	**11**	**8**
Public Education/Risk Communication	**13**	**12**	**13**
Application—Vegetative Barrier	**6**	**13**	**12**
Mosquito Surveillance/Trapping Systems	**14**	**13**	**13**
Attractants/Repellants	**15**	**15**	**15**

Table 1. Research Prioritization Results

Walter J. Tabachnick, Ph.D.
Director and Professor
Florida Medical Entomology Laboratory
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Vero Beach, Florida

The deadline for submissions to be included in the
Mar/Apr 2009 issue of
***BuzzWords* is Apr 1, 2009**
Please send change of address or newsletter submissions to:
Roxanne Connelly, Editor, 200 9th Street SE, Vero Beach, FL 32962
or buzzwords@ifas.ufl.edu

***BuzzWords* deadlines for contributing articles and news**

Jan/Feb	February 1
Mar/Apr	April 1
May/Jun	June 1
Jul/Aug	August 1
Sep/Oct	October 1
Nov/Dec	December 1