82nd Annual Meeting

Florida Mosquito Control Association

Program

Mosquito control today
A better Florida tomorrow

Hawks Cay
Duck Key, FL
November 14 - 17, 2010
Previous Award Recipients

MAURICE W. PROVOST MEMORIAL AWARD

Presented in recognition of outstanding contributions to control and/or biology of mosquitoes and other biting flies.

Jack Salmela 1987
Eric T. Nielson 1988
William L. Bidlingmayer 1989
Carlisle B. Rathburn 1990
James S. Haegar 1991
E. John Beidler 1994
John R. Linley (posthumously) 1995
Jorge Rey 2001
James W. Robinson 2003
George F. O’Meara 2007

J.Y. PORTER AWARD

Presented to scientists who have made significant contributions to entomology with special emphasis on the abatement of mosquitoes and other arthropods of public health importance.

Flora Mae Wellings 1989
Andrew J. Rogers 1990
B.W. Clements, Jr. 1991
Donald E. Weidhaas 1994
Elisabeth C. Beck 1996
George O’Meara 1999
John Mulrennan, Jr. 2000
David Dame 2001
James Dukes 2002
Jonathan F. Day 2005
FRED H. STUTZ
MEMORIAL AWARD

Presented to individuals involved in mosquito abatement programs and/or the commercial field who have distinguished themselves through years of dedication toward effective mosquito control, developing procedures or designing/manufacturing equipment which helped revolutionize the control of mosquitoes and other arthropods of public health importance.

Paul J. Hunt 1994
T. Wayne Miller 1995
James W. Robinson 1996
Don Hogan 2003
William Opp 2006

MERIT AWARD

Presented to individuals from any field of endeavor for their contributions to promoting the control of disease-transmitting and pestiferous mosquitoes or other arthropods of public health importance, for scientific advancement of the discipline, or for developing or extending the public interest in the control of such mosquitoes or arthropods.

Charlie Morris 1997
Pete Pederson 1998
Richard Baker 1998
Fred Harden 1999
Cari Roth 1999
Joseph P. Ruff 2000
Tom Loyless 2001
Dennis Moore 2001
Edwin W. Irby 2002
E. John Beidler 2002
Shelly Redovan 2003
Kellie Etherson 2003
Mike Greer 2004
Daniel Kline 2004
Carlton Layne 2004
L. Philip Lounibos 2005
George O’Meara 2005
James E. Cilek 2006
Jonas Stewart 2007
Richard F. Darsie, Jr. 2007
Alan Curtis 2008
Thomas G. Floore 2008
Kim Feagley 2009
George Heinlein 2009
**SHERRIE YARBERRY AWARD**

Presented to individuals employed in non-administrative positions by mosquito abatement programs who have demonstrated exemplary performance resulting in enhanced unit efficiency or public recognition of excellence of the parent organization.

- Theresa Sewar 1998  
  Lee County Mosquito Control District
- William Cleghorn 2000  
  Miami-Dade County Mosquito Control
- Byron Reaves 2001  
  Indian River Mosquito Control District
- Mike Sherman 2003  
  Indian River Mosquito Control District
- Ed Hersey 2005  
  Anastasia Mosquito Control District
- Jack French 2006  
  Pasco County Mosquito Control District
- Michael A. Nichols 2007  
  Lee County Mosquito Control District
- Morel Jules 2008  
  Indian River Mosquito Control District
- Rene Snow 2009  
  Hernando County Mosquito Control District

**JAMES ROBINSON MEMORIAL AWARD**

Presented to individuals in recognition of their innovation and ingenuity in optimizing the safe and efficient operations of a Florida public health pest control program.

- Art Hodous 2005  
  Sarasota County Mosquito Management Services
- James Mason 2006  
  Indian River Mosquito Control District
- James Wynn 2008  
  Anastasia Mosquito Control District
- Wayne Daniels 2009  
  Pasco County Mosquito Control District
FMCA Annual Fall Meeting
Hawks Cay Resort
Duck Key, FL
November 14 - 17, 2010

SUNDAY - NOVEMBER 14th

1:00-4:00 BOARD OF DIRECTOR’S MEETING - Osprey Room
1:00-4:00 SPEAKER READY/STORAGE - Reef Room
1:00-5:00 COMMITTEE MEETINGS – Various rooms
   2:00 - 5:00 - Reef Room - Aerial Applications
   5:00 - 7:00 - Alma Room - Wing Beats
   2:00 - 5:00 - Coral Room - Research
1:00-5:00 EXHIBIT SETUP - Sea Turtle & Key Deer
3:00-6:00 REGISTRATION - Ballroom Foyer
   Silent Auction items may be dropped off at the registration desk at any time.
6:30-7:30 CASH BAR - Sea Turtle & Key Deer Rooms

MONDAY MORNING - NOVEMBER 15th

7:00-4:00 REGISTRATION - Ballroom Foyer
7:00-4:00 SPEAKER READY/STORAGE - Reef Room
7:00-4:00 SILENT AUCTION DROP-OFF - Registration

OPENING SESSION
EAST & CENTER BALLROOMS
Moderator: Shelly Redovan
FMCA President
Lee County Mosquito Control District
Ft. Myers, FL

8:00 - 8:05 OPENING COMMENTS
   Shelly Redovan, FMCA President

8:05 - 8:15 WELCOME & INTRODUCTION
   Heather Carruthers, Monroe County Mayor Pro Tem

8:15 - 8:35 M1. FMCA PRESIDENTIAL ADDRESS.
   Shelly Redovan, Lee County Mosquito Control District, Ft. Myers, FL.
8:30 - 8:40  **M2.** The FMCA Website - Current and Future Enhancements. **Gregg Ross.** Florida Medical Entomology Laboratory, Vero Beach, FL.

8:40 - 8:50  **M3.** FMCAs Tallahassee Day Overview and Current Issues. **Dennis Moore** and **Doug Carlson.** Pasco County Mosquito Control District, Odessa, FL.

8:50 - 9:00  **M4.** AMCAs Washington Day 2010: strengthening a mosquito control presence in our nation’s Capital. **Doug Carlson.** Indian River Mosquito Control District, Vero Beach, FL.

9:00 - 9:25  **M5.** AMCA Update. **Janet McAllister.** AMCA President. Centers for Disease Control, Ft. Collins, CO.

9:25 - 9:35  **M6.** Endangered Species and Mosquito Control Update. **Mike Hudon.** Indian River Mosquito Control District, Vero Beach, FL.

9:35 - 9:45  **M7.** Legislative plans for supporting the John A. Mulrennan Sr., Public Health Entomology Research & Education Center (PHEREC). **John Smith.** Public Health Entomology Research & Education Center, Panama City, FL.

9:45 - 10:00  **M8.** The Subcommittee on Managed Marshes: 27 years, 41 members and still pumping! **Doug Carlson.** Indian River Mosquito Control District, Vero Beach, FL.

10:00 - 10:30  **BREAK - The Foyer**

**GENERAL SESSION**

**EAST & CENTER BALLROOMS**

**Moderator:** **Roxanne Connelly**

**FMCA President-Elect**

**Florida Medical Entomology Laboratory**

**Vero Beach, FL**

10:30 - 11:00  **M9.** Operation Unified Response-Haiti: The Role of the USNS Comfort. **Jeff Stancil.** Navy Entomology Center of Excellence, Jacksonville, FL.

11:00 – 11:20  **M10.** Mosquito Control Operations and Working with the U.S. Fish and Wildlife Service on the National Wildlife Refuges of the Florida Keys. **Andrea Leal.** Florida Keys Mosquito Control District, Key West, FL.


12:00 - 1:15  LUNCH - on your own.

12:00 - 1:30  DIRECTORS’ LUNCHEON – Osprey

Stephen Sickerman, Directors’ Section Chair

Lunch:

Florida Lobster Bisque
Tropical Fruit Salad, Mango, Papaya, & Pineapple, Cherry Tomato, Arugula, Frisee, and Key Lime Vinaigrette
Crispy Bacon Wrapped Mahi Mahi
Conch & Chorizo Fried Rice
Key Lime Beurre Blanc
Praline Chocolate Crunch/Vanilla Anglaise
Coffe & Tea

Program: Joe Conlon, AMCA Technical Advisor will be speaking on “Regulatory Challenges Facing Mosquito Control”

MONDAY AFTERNOON - NOVEMBER 15th
Dengue Outbreak in the Florida Keys
EAST & CENTER BALLROOMS
Moderator: Lawrence Hribar
FMCA Vice-President,
Florida Keys Mosquito Control District
Marathon, FL


2:05 - 2:15  M16. Deployment of the Trap-N-Kill, a lethal ovitrap designed for the control of Aedes aegypti in Key West, FL. Andrea Leal. Florida Keys Mosquito Control District, Key West, FL.

2:15 - 2:25  M17. Information Technology to Combat Dengue Fever. Ralph De Palma. Florida Keys Mosquito Control District, Key West, FL.

2:45 - 3:15  Moderated Discussion. Larry Hribar.

3:15 - 3:45  BREAK - The Foyer.

Aedes Biology and Control
EAST & CENTER BALLROOMS
Moderator: Lawrence Hribar
FMCA Vice-President,
Florida Keys Mosquito Control District
Marathon, FL

3:45 - 4:00  M19. Transovarial transmission of dengue viruses and its relevance to mosquito control operations. Don Shroyer. Indian River Mosquito Control District, Vero Beach, FL.

4:00 - 4:20  M20. Evidence for interspecific mating in nature and asymmetric reproductive interference between invasive mosquito vectors. Phil Lounibos, Frederic Tripet, and Naoya Nishimura. Florida Medical Entomology Laboratory, Vero Beach, FL.

4:20 - 4:30  M21. A modified rotary time mosquito trap shows that Aedes aegypti are more than day time fliers. Jim Burgess, Tom Miller, Jon Hornby, and Wayne Gale. Lee County Mosquito Control District, Ft. Myers, FL.

4:30 - 4:45  M22. Evaluation of three control strategies for control of Aedes aegypti and Ae. albopictus populations. Chris Lesser. Manatee County Mosquito Control District, Palmetto, FL.

4:45 - 5:00  M23. Effects of insecticide and larval competition on susceptibility of Aedes aegypti to arbovirus infection and dissemination. Barry Alto and Ephantus Muturi. Florida Medical Entomology Laboratory, Vero Beach, FL.

5:00  ADJOURN

6:00 - 7:30  PRESIDENT'S RECEPTION -
Sea Turtle & Key Deer Rooms

Cash bar
AND
Silent Auction Preview
TUESDAY MORNING – NOVEMBER 16TH
GENERAL SESSION
EAST & CENTER BALLROOMS
Moderator: Roxanne Connelly
FMCA President-Elect
Florida Medical Entomology Laboratory
Vero Beach, FL

8:00 - 8:10  T1. Recommendations of a Workshop on Count-
interacting Bioterrorist Introduction of Pathogen-
Infected Mosquitoes. Walter Tabachnick. Florida Medical Entomology Laboratory, Vero
Beach, FL.

8:10 - 8:30  T2. NIMS for by DUMMIES. Suzanne Bartlett.
Pinellas County Mosquito Control District,
Clearwater, FL.

8:30 - 8:50  T3. The making of a field biologist. George
O’Meara. Florida Medical Entomology Labora-
tory, Vero Beach, FL.

8:50 – 9:05  T4. Efficacy of aerial mosquito adulticiding and
non-target effects to honey bees and other benefi-
cial insects in the agricultural ecosystem of
Northern Greece. Alexandra Chaskopoulou,
Andreas Thrasivoulou, and Mark Latham. Uni-
versity of Florida, Entomology & Nematology,
Gainesville, FL.

9:05– 9:50  T5. DDT: Rise and fall of a miracle. Joe Con-
lon. American Mosquito Control Association,
Fleming Island, FL.

9:50 - 10:05  FMCA Business Meeting
Shelly Redovan, FMCA President

10:05 - 10:30  BREAK - The Foyer.

TUESDAY AFTERNOON – NOVEMBER 16TH
GENERAL SESSION
EAST & CENTER BALLROOMS
Moderator: Chris Lesser
Manatee County Mosquito Control District
Palmetto, FL

10:30 - 10:40  T6. Using service learning to enhance your pro-
gram. Neil Wilkinson, Brian Murphy, and Eric
Jackson. Florida Gulf Coast University, Ft. My-
ers, FL.

10:40 - 10:50  T7. An overview of AMCDs customer satisfac-
tion surveys over the past 5 years. Adam Holt.
Anastasia Mosquito Control District, St. August-
tine, FL.

10:50 - 11:00  T8. FMCA Distance Learning - A Preview.
Judy Avril. Indian River Mosquito Control Dis-
trict, Vero Beach, FL.


11:30 - 11:40 T12. Evaluation of late summer treatments to suppress *Coquillettidia perturbans* emergence the following spring. Mark Smith. Metropolitan Mosquito Control District, St. Paul, MN.

11:40 - 11:50 T13. VectoMax WSP--A catchbasin field trial. James Clauson. Beach Mosquito Control District, Panama City Beach, FL.


12:00 - 1:15 LUNCH – on your own.

COMMISSIONER’S CONCURRENT SESSION

OSPREY ROOM

Keith Hedin, Commissioners’ Section Chair
Indian River Mosquito Control District, Vero Beach, FL.

12:00 - 12:45 Lunch & Election of new officers for Commissioners' Section

Lunch:
Florida Lobster Bisque
Seasonal Local Farmer Greens, Cured Tomato, Aged Red Wine vinaigrette
Honey Thyme-Roasted Chicken Supreme
Chive Mashed Potatoes
Garden Vegetables
Fresh Berry Tart with Chocolate Sauce
Coffee and Tea

Program:

12:45 – 1:30 T15. Resistance surveillance; Why is it so important? Janet McAllister, AMCA President. Centers for Disease Control, Ft. Collins, CO.

1:30 - 2:00 T16. Dengue Update. Andrea Leal. Florida Keys Mosquito Control District, Key West, FL.
TUESDAY AFTERNOON - NOVEMBER 16th
GENERAL SESSION
EAST & CENTER BALLROOMS
Moderator: Gary Clark
Center for Medical, Agricultural and Veterinary
Entomology, USDA - ARS, Gainesville, FL

1:15 - 1:45  T17, Chironomid Midges - Observations on biology, control and research. Elmer Gray. University of Georgia, Athens, GA.


2:10 - 2:20  T20. Aerial application of Dibrom against caged wild-caught Culex nigripalpus mosquitoes in Manatee County, Florida. Mark Latham and Gail Stout. Manatee County Mosquito Control District, Palmetto, FL.

2:20 - 2:30  T21. Manage your mosquito control information online, on time and on budget. Derek Wright. ADAPCO, Inc., Sanford, FL.

2:30 - 3:00  BREAK - The Foyer.

3:00 - 3:10  T22. Duet: A unique performance adulticide that maximizes spray applications. Jim McNelly and Griffith Lizarraga. Clarke, Roselle, IL.

3:10 - 3:20  T23. FDACS Update. Peter Jiang. Florida Department of Agriculture and Consumer Services, Tallahassee, FL.

3:20 - 3:30  T24. Meeting the NPDES Permit requirements using Sentinel™ GIS mapping and reporting software. Linda Dean and Ryan Pierson. Electronic Data Solutions, Jerome, ID.

3:30 - 3:40  T25. Application rates and duration of boric acid sugar baits against Aedes albopictus. Ruide Xue, Gunter Muller, and Donald Barnard. Anastasia Mosquito Control District, St. Augustine, FL.


3:50 - 4:00  T27. DropVision® FL advanced fluorescent technology in vector control operations & research. Marin Brouillard and Bill Reynolds. Collier Mosquito Control District, Naples, FL.
4:00 - 4:10  **T28.** Temporal flight activity for host seeking *Culex nigripalpus, Aedes taeniorhynchus* and *Psorophora columbiae* in Lee County, FL. **Jon Hornby**, James Burgess, and Wayne Gale. Lee County Mosquito Control District, Ft. Myers, FL.

4:10 - 4:20  **T29.** Semi-field evaluations of nonanal and BG lures for attracting mosquitoes. **Jim Cilek.** Public Health Entomology Research & Education Center, Panama City, FL.

4:20 - 4:30  **T30.** MapVision®: Beach Mosquito Control District’s new surveillance tool. **James Clauson.** Beach Mosquito Control District, Panama City Beach, FL.

4:30 - 4:40  **T31.** Efficacy of novel mosquitocidal *Bacillus* sp. isolates and their impact on mosquito fish. **Harry Zhong,** Sabrina Hayes, and Tim Ouimet. Public Health Entomology Research & Education Center, Panama City, FL.

6:00 - 7:30  **ATTITUDE ADJUSTMENT and SILENT AUCTION**
**WEST BALLROOM**

7:30 - 9:00  **AWARDS BANQUET - EAST & CENTER BALLROOMS**

Menu:
* Hawks Cay Crab Cake, papaya citrus salsa
* Grilled Beef Tenderloin with green pepper corn sauce
* Garlic Roasted Potatoes
* Five Cheese Potato Gratin
* Apple Tart Tatin, vanilla ice cream
* Coffee and Tea

*Awards will be presented during dessert*

**FMCA Awards**
Presented by Eric Schreiber
FMCA Awards Committee Chair

**FMCA Presidential Citation**
Presented by Shelly Redovan
FMCA President

**FMCF Scholarship**
Presented by Roxanne Connelly
FMCF Scholarship Committee Chair
WEDNESDAY MORNING - NOVEMBER 17th
EAST & CENTER BALLROOMS
Mosquito-borne Diseases
Moderator: Peter Connelly
FMCA Industry Representative
AMVAC Environmental Products, Vero Beach, FL

8:00 - 8:20  W1. GIS Based habitat analysis for EEEV in Walton, Pasco, and Hillsborough Counties. Patrick Vander Kelen and Tom Unnasch. University of South Florida, Tampa, FL.


9:05- 9:15  W5. Impact of West Nile Virus dose and incubation period on vector competence of Culex nigripalpus (Diptera: Culicidae). Walter Tabachnick, Stephanie Richards, Sheri Anderson, and Cynthia Lord. Florida Medical Entomology Laboratory, Vero Beach, FL.


9:40 - 10:00  BREAK - The Foyer.

EAST & CENTER BALLROOMS
Adult Mosquito Control
Moderator: Jack Petersen
FMCA Member-at-Large
PHEREC, Panama City, FL

10:00 - 10:15  W8. Clearing 200 Feet of Air with the National Marine Fisheries Service and the Environmental Protection Agency. Peter Connelly. AMVAC Environmental Products, Vero Beach, FL.
10:15 - 10:25  **W9.** Nuts and bolts of collecting weather data for the arbovirus surveillance program at Indian River Mosquito Control District. **Patrick Morgan.** Indian River Mosquito Control District, Vero Beach, FL.

10:25 - 10:35  **W10.** Diversity and population dynamics of mosquitoes collected in the Upper Florida Keys. **Adriean Tambasco.** Florida Keys Mosquito Control District, Key Largo, FL.

10:35 - 10:45  **W11.** What are the benefits for Anastasia Mosquito Control District from applied research on adult mosquito control? **Janice Bequette,** Rui-de Xue, and **Whitney Qualls.** Anastasia Mosquito Control District, St. Augustine, FL.

10:45 - 10:55  **W12.** Creating a new aerial spray platform with some very old parts. **Wayne Gale.** Lee County Mosquito Control District, Ft. Myers, FL.

10:55 - 11:10  **W13.** Barrier trapping strategies for mosquito control: what can models tell us? **Cynthia Lord,** Joseph Pohedra, and Roxanne Connelly. Florida Medical Entomology Laboratory, Vero Beach, FL.

11:10 - 11:20  **W14.** Barrier trapping strategies for mosquito control: the field component. **Roxanne Connelly,** Chris Labellarte, Hilda Lynn, Sara Ortiz, Carol Thomas, and Cynthia Lord. Florida Medical Entomology Laboratory, Vero Beach, FL.

11:20 - 11:30  **W15.** Field evaluation of ultra-low volume spray, lethal ovitrap and backyard spray for the control of *Aedes albopictus* in China. **Chun-xiao Li.** Academy of Military Medical Sciences, Fengtai District, Beijing, China.

11:30 - 11:40  **W16.** Vector control strategy in Wenchuan Earthquake affected area. **Yande Dong.** Academy of Military Medical Sciences, Fengtai District, Beijing, China.

11:40 – 12:00  **FMCA Business Meeting and Installation of New Officers**  
**Shelly Redovan,** FMCA President

12:00  **ADJOURN**

12:10  **FMCA Board of Directors Meeting**  
**OSPREY ROOM**  
**Roxanne Connelly,** FMCA President
2010 Committee Chairs

Aerial Training - Mark Latham
Arbovirus Surveillance - Jim Burgess
Awards - Dr. Eric Schreiber
Beekeeping - Dr. Harry Zhong
Buzz Words Newsletter - Dr. Roxanne Connelly
Bylaws - Bob Betts
Commissioner’s Section –Keith Hedin
Dodd Short Courses -
Kellie Etherson, Sue Bartlett & Flo Jones
Education Coordination - Dr. Larry Hribar
Exhibits - Jim Burgess
Finance - Doug Carlson
Florida Mosquito Control Handbook -
Dr. Roxanne Connelly
Historical - Doug Wassmer
Legislative - Doug Carlson & Dennis Moore
Local Arrangements - Kellie Etherson
Membership - Kellie Etherson
Nominating - Dennis Moore
Personnel Exchange - FMCA Executive Committee
PESP - Doug Wassmer
Fall Program - Dr. Roxanne Connelly
Projections/Audio Visual - Kim Feagley
Public Information - Adrian Salinas
Research Advisory - Ed Fussell
Resolutions - Dennis Moore
# Florida Mosquito Control Association
## Past Presidents

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<tr>
<th>Yr</th>
<th>President</th>
<th>Meeting City</th>
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<tr>
<td>1922</td>
<td>Dr. Joseph Y. Porter (D)</td>
<td>Daytona Beach</td>
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<td>Florida’s First State Health Officer</td>
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<td>1923</td>
<td>Dr. Joseph Y. Porter (D)</td>
<td>Bartow</td>
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<td>1924</td>
<td>George W. Clements (D)</td>
<td>Cocoa Beach</td>
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<td>Mosquito Representative of Polk County</td>
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<td>1926</td>
<td>Vida L. MacDonell (D)</td>
<td>St. Augustine</td>
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<td>President, FL Federation of Women’s Clubs, instrumental in establishing FAMA</td>
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<td>1927</td>
<td>George W. Simmons, Jr. (D)</td>
<td>Hollywood</td>
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<td>Chief Sanitary Engineer of State Board of Health</td>
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<td>1928</td>
<td>W.E.A. Wyman (D)</td>
<td>Jacksonville</td>
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<td>Head of St. Petersburg Anti-Mosquito League, 1923</td>
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<td>1929</td>
<td>William I. Fee (D)</td>
<td>Ft. Pierce</td>
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<td>St. Lucie MCD Board Member</td>
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<td>1930</td>
<td>William I. Fee (D)</td>
<td>Sarasota</td>
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<td>1931</td>
<td>William J. Burns (D)</td>
<td>Perry</td>
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<td>Mosquito Representative of Sarasota County (Delegate to 1929 FAMA meeting)</td>
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<td>1932</td>
<td>Alex MacWilliams (D)</td>
<td>Clearwater</td>
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<td>Charter Board Member - Indian River MCD</td>
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<td>1936</td>
<td>George W. Simmons, Jr. (D)</td>
<td>Orlando</td>
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<td>1937</td>
<td>Alex MacWilliams (D)</td>
<td>Tampa</td>
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<td>see 1932</td>
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<td>1938</td>
<td>Fred H. Stutz (D)</td>
<td>Jacksonville</td>
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<td>Director Dade County Mosquito Control</td>
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<td>1939</td>
<td>M.J. Mackler (D)</td>
<td>Daytona Beach</td>
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<td>Col. (Ret.) USPHS Asst. Health Officer, Tampa</td>
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<td>1940</td>
<td>W.V. King (D)</td>
<td>West Palm Beach</td>
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<td>Entomologist - USDA Principal Author: King, Bradley &amp; McNeal Mosquitoes of the Southeast US</td>
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<td>1941</td>
<td>Dr. E.J. Elmendorf, Jr. (D)</td>
<td>Jacksonville</td>
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1942  Norman G. Platts (D)  Tampa
      WPA Sandfly Research Project
      Director, St. Lucie Co. Sanitary District

1946  H. Duke Peters (D)  West Palm Beach
      Director, MC - Jacksonville Health Dept.

1947  David B. Lee (D)  St. Petersburg
      Chief, Bureau of Sanitary Engineering
      State Board of Health

1948  Claude Strickland (D)  Ft. Pierce
      Sanitarian, Superintendent MC
      Pinellas Co. Health Department

1949  Dr. J.A. Mulrennan, Sr. (D)  Mount Dora
      Chief, Malaria Control in War Areas
      Director, Office of Entomology
      State Board of Health & Dept. HRS

1950  Edwin L. Seabrook (D)  Ft. Myers
      Director, Palm Beach Co. MC

1951  Samuel A. Harper (D)  Key West
      Director, Brevard Co. MC

1952  John M. Hirst (D)  Jacksonville
      Lt. Crd. (Ret.)
      US Navy Malaria Control Unit

1953  Samuel Minnich (D)  Daytona Beach
      Director, East Volusia Co MC

1954  J. Melton Williams (D)  Naples
      Director, Sarasota Co MC

1955  Dr. Maurice W. Provost (D)  Panama City
      First Director FMEL

1956  William W. Warner (D)  Ft. Pierce
      Director, Monroe Co. MC

1957  Mark W. Witham (D)  Miami Beach
      Director, Martin Co. MC

1958  Robert L. Kemp (D)  Clearwater
      Director, Manatee Co. MC

1959  Robert E. Bartnett (D)  Pensacola
      Director, Anastasia Island MCD

1960  Henty B. Crowell, Jr. (D)  Tampa
      Director, Hillsborough Co. MC

1961  James S. Haeger  Key West
      Entomologist, FMEL

1962  Nina Branch (D)  Silver Springs
      Entomologist, FMEL
1963  T. Waynwright Miller, Jr.  Jacksonville
Engineer, State Board of Health
Director, St. Lucie Co. Sanitary District
Director, Lee County MCD

1964  E. John Beidler  St. Augustine
Entomologist, State Board of Health
Director, Indian River MCD
UF Distinguished Alumnus

1965  A. Nelson Davis, Jr. (D)  Tampa
Director, Monroe County MCD
EPA
Director, Broward Co. MC

1966  James H. Heidt  Daytona Beach
Director, Dade Co. MC

1967  Andrew J. Rogers  Panama City Beach
Director, Panama City Lab
Director, Office of Entomology, DHRS

1968  Jack Salmela  Naples
Director, Brevard Co. MC

1969  Paul J. Hunt (D)  Winter Park
Head, Pest Control, State Board of Health
Director, East Volusia MCD

1970  Claude D. Souder, Jr. (D)  Ft. Lauderdale
Director, Broward Co. MC

1971  John B. O'Neil  Reddington Beach
Representative, American Cyanamid

1972  Frank L. Wilson  Miami Beach
Florida Dept. of Agriculture
Entomologist, State Board of Health
Director, Polk Co. MC

1973  Ernest A. Philen (D)  Panama City
Engineer, Office of Entomology

1974  James D. Gorman  Key West
Director, Hillsborough Co. MC

1975  Brandt G. Watson  Ft. Myers
Director, Collier MCD

1976  William Dryden (D)  Longboat Key
Commissioner, Lee County MCD

1977  Lawrence M. Rhodes  Atlantic Beach
Anastasia Island MCD
Director, Manatee Co. MCD

1978  Elisabeth C. Beck  Lake Buena Vista
Entomologist, Office of Entomology
Executive Director, FMCA

1979  Herbert J. Friedman  Tampa
President, Southern Mill Creek Products
1980  Dr. Carlisle B. Rathburn, Jr. (D) Ft. Walton Beach
   Research Entomologist WFARL, Panama City

1981  Norman E. Thomas  Ft. Lauderdale
   Entomologist, WFARL, Panama City
   Entomologist, Polk Co. MC
   Director, Sarasota Co. MC
   Resource Recovery, Alachua County
   Alachua County MC

1982  Lester E. Scherer  Port St. Lucie
   Director, Martin Co. MC

1983  Dan F. Boyd (D)  Lake Buena Vista
   Southern Mill Creek Products
   LECO/Adapeo/Danco Products

1984  Dr. John A. Mulrennan, Jr.  Key West
   Entomologist, USN
   Director, Office of Entomology
   Chief, Bureau of Entomology and Pest Control, DACS

1985  Dr. Donald E. Weidhaas (D) Sarasota
   Director, USDA, Insects Affecting Man & Animals Laboratory

1986  James W. Robinson (D)  Jacksonville
   Director, Pasco Co. MCD

1987  Burie W. Clements, Jr.  Palm Beach
   Director, WFARL, Panama City

1988  Dr. Ray E. Parsons  Pensacola
   US Army Medical Service Corps
   Entomologist, Polk County MC
   Director, Sarasota County MC

1989  William R. Opp  Orlando
   Engineer, DER
   Engineering, HRS Office of Entomology
   Director, Lee County MCD

1990  Frank D.S. Evans  Ocala
   FMEL
   Director, St. Lucie County MCD

1991  J. Clarke Hudson (D)  Clearwater
   Representative, Chevron/Valent

1992  T. Oscar Fultz  Cocoa Beach
   Asst. Director, Indian River MCD
   Director, Polk County MC
   Director, Chatham Co. Georgia MC

1993  George J. Wichterman  Ft. Myers
   Entomologist, Lee County MCD

1994  Dr. Richard H. Baker  Sandestin
   Director, FMEL, University of Florida

1995  Robert V. Ward  Key West
   Director, Charlotte County MC
   Manager, Polk County MC
1996 W. Gene Baker
   Director, Leon County MC
   Kissimmee

1997 G. Alan Curtis
   Research Entomologist, Indian River MCD
   St. Augustine

1998 Dr. David Dame
   Entomologist, USDA
   Consultant, Entomological Services
   Clearwater

1999 Joseph Ruff
   Entomologist, JAMSRL, HRS
   Director, Dog Fly Control Program, DACS
   Daytona Beach

2000 Jonas Stewart
   Director, East Volusia MCD
   Panama City Beach

2001 Edward C. Hunter
   Director, Beach MCD
   Ft. Myers

2002 Mark Latham
   Director, Manatee Co. MCD
   Amelia Island

2003 Dr. George O’Meara
   Professor, FMEL, University of Florida
   Miami

2004 Kellie Etherson
   Director, Gainesville MC
   Executive Director, FMCA
   Lake Buena Vista

2005 Doug Carlson
   Director, Indian River MCD
   Duck Key

2006 Ed Fussell
   Director, Office of Entomology, HRS - BEPC (FLDACS)
   Director, Florida Keys MCD
   Hutchinson Island

2007 William Reynolds
   Adapco, Inc.
   LEA Team
   Jacksonville

2008 Dr. Frank Van Essen
   Director, Collier MCD
   Panama City Beach

2009 Dennis Moore
   Director, Pasco County MCD
   Tampa
2010 Government Sustaining Members

Amelia Island Mosquito Control District
Anastasia Mosquito Control District
Bay County Mosquito Control
Beach Mosquito Control District
Bradford County Mosquito Control

Broward County Mosquito Control
Buckhead Ridge Mosquito Control
Charlotte County Environmental Services
Citrus County Mosquito Control District
Collier Mosquito Control District

Columbia County Mosquito Control
East Flagler Mosquito Control District
Escambia County Mosquito Management
Florida Keys Mosquito Control District
Fort Myers Beach Mosquito Control

Gulf County Mosquito Control
Hernando County Mosquito Control
Hillsborough County Mosquito Control
Indian River Mosquito Control District
Jacksonville Mosquito Control

Lake County Mosquito & Aquatic Plant Management
Lee County Mosquito Control District
Levy County Mosquito Control
Manatee County Mosquito Control District
Moorehaven Mosquito Control District

North Walton County Mosquito Control
Okaloosa County Mosquito Control
Palm Beach County Mosquito Control
Pasco County Mosquito Control District

Pinellas County Mosquito Control
2009-2010 Officers

Shelly Redovan - President, Ft. Myers, FL
Roxanne Connelly - President-Elect, Vero Beach, FL
Larry Hribar - Vice-President, Marathon, FL
Dennis Moore - Immediate Past President, Odessa, FL

Kellie Etherson
Executive Director
Post Office Box 358630
Gainesville, FL 32635-8630

Regional Representatives

Northwest Region
Stephen Sickerman
South Walton County MCD

Northeast Region
Rui-de Xue
Anastasia MCD

Southwest Region
Joel Jacobson
Citrus County MCD

Southeast Region
Judy Avril
Indian River MCD

Member-at-Large
Jack Petersen
FAMU/PHEREC

Industry
Peter Connelly
AMVAC
FMCA Sustaining Industry Members

ADAPCO, Inc.
Sanford, Florida

AMVAC
Los Angeles, California

B & G Chemicals & Equipment
Dallas, Texas

Bayer Environmental Science
Research Triangle Park, North Carolina

BVA
Wixom, Missouri

Central Life Sciences
Schaumburg, Illinois

Clarke Mosquito Control Products, Inc.
Roselle, Illinois

Cognis Corporation
Cincinnati, Ohio

Curtis Dyna-Fog
Westfield, Indiana

Dynamic Aviation
Bridgewater, VA

FourStar Microbial Products
Sag Harbor, New York

Gil Manufacturing
Montgomery, Alabama

John W. Hock, Company
Gainesville, FL

London Fog, Inc.
Long Lake, Minnesota