

# FLORIDA AQUATIC PLANT MANAGEMENT SOCIETY, INC.

VOLUME 45

Editor: Todd Olson

FIRST QUARTER, 2002 NEWSLETTER

## ALGAE FACTS

Health risks associated with microcystin and cylindrospermopsin, toxins produced by blue-green algae, are receiving new scrutiny. Some facts about the algae:

Examples of toxic blue-green algae health risks have been documented around the world. In 1996 in Brazil, nearly 50 people died and dozens were injured after toxic-ridden water was injected into dialysis patients.

Blue-green algae sold as a dietary supplement could contain dangerous levels of microcystin. The Oregon Department of Agriculture is investigating the supplements. For more information, go to [www.oda.state.or.us/information/sow/algae.htm/](http://www.oda.state.or.us/information/sow/algae.htm/)

There are no regulations or limits on allowable microcystin in treated water, but the U.S. Food and Drug Administration and the World Health Organization recommend that levels not exceed one part per billion.

Seventy-five Florida watersheds had microcystin

levels sufficient to cause illness in humans in 2000, according to a University of Florida study. Another study by the university attributes deaths and illnesses of alligators and other wildlife to the toxins.

An Oregon State University study suggests toxic algae blooms are aided by nitrogen and phosphorus, common components in farm fertilizers that often drain into rivers and streams.

A Wright State University (Dayton, Ohio) study in 1999 found that 80 percent of 1,000 water samples taken from reservoirs around the country contained the toxins and 20 percent had levels exceeding guidelines. For more information go [www.populist.com/99.9.downs.weeds.htm/](http://www.populist.com/99.9.downs.weeds.htm/)

Kits to test for microcystin can be purchased for \$100 to \$200 online. One site is [www.envirologix.com](http://www.envirologix.com)

Additional algae data can be found at a site maintained by the National Institute of Environmental Health Sciences at <http://ehpnet1.niehs.nih.gov/docs/2001/109-4/niehsnews.htm/>

Source: The Orlando Sentinel

## FIRST QUARTER 2002 FAPMS BOARD OF DIRECTORS' MEETING

### Officers:

President	John Rodgers
President Elect	P.J. Myers
Past President	Nancy Allen
Secretary	Todd Olson
Treasurer	Rebecca Gubert
Editor	Judy Ludlow

### Directors:

Mike Baker	Dean Barber
Charles Bedard	David Farr
Catherine Johnson	Bill Moore
Jim Cuda	Vicki Pontius
Steve Smith	

Absent: Dean Barber, P.J. Myers, Steve Smith, Jim Cuda

Guests: None

Location: Tampa Double Tree Hotel, 4500 W. Cypress St. Tampa, FL 33607

Date and Time: January 16, 2002 at 10:00 a.m.

## **I. CALL TO ORDER**

President Rodgers called the meeting to order at 10:00 a.m.

## **II. ROLL CALL AND MINUTES**

Todd Olson took the roll and President Rodgers declared a quorum. President Rodgers asked if anyone had any deletions, omissions, or modifications to the minutes of the fourth quarter 2001 Board of Director's meeting. Nancy Allen requested modification of the following sentence from Correspondence: "She asked the board to read the letter and be prepared to vote in New Business if FAPMS will endorse it." The correct wording shall be: "She asked the board to read the letter and be prepared to vote in Government Affairs if FAPMS will endorse it." A motion was made to accept the corrected minutes for the fourth quarter 2001 Board of Directors' Meeting and it passed unanimously. President Rodgers asked if anyone had any deletions, omissions, or modifications to the minutes of the FAPMS Annual Business Meeting. A motion was made to accept the minutes and it passed unanimously.

## **III. CORRESPONDENCE**

President Rodgers mentioned a letter written by Ken Langeland to Dale Dubberly, Chief of the Florida Department of Agriculture and Consumer Services and the response by the Florida Department of Agriculture. President Rodgers read an email from director Dean Barber resigning his position due to the US Navy recalling him to active duty for one to two years. President Rodgers said the remaining board members would vote a replacement director in during the Nominating Committee report.

## **IV. TREASURER'S REPORT - Rebecca Gubert**

President Rodgers reported for Rebecca that the draft balance sheet ending December 31, 2001 showed that the Society's current assets were \$36,805.55 and liabilities at \$0.00. A breakdown of the total assets included a Nations Bank checking balance of \$4,575.36, and a Nations Bank savings account balance of \$5,849.27, Nations Bank CD account balance of approximately \$10,066.63, \$13,078.70 in the Strong Money Market Fund, and \$3,235.59 in inventory.

President Rodgers presented the Annual Meeting profit and loss statement summaries for 2000 and 2001. He asked the board if they thought the Annual Meeting should break even or make a profit. A discussion followed with most comments directed

toward breaking even on an average.

## **V. SECRETARY'S REPORT - Todd Olson**

Todd mentioned the board packet lead times for action and informational items. Todd asked the board what they would like to do with the FAPMS computer. President Rodgers commented the computer was not operable, and the board decided to donate it to a school if they would take it.

## **VI. EDITOR'S REPORT - Judy Ludlow**

Judy still needs photographs for "Aquatics" magazine. President Rodgers presented a draft informational page of a native plant for a future issue of "Aquatics". Charles Bedard made a motion to accept the treasurer's, secretary's and editor's reports. It received a second by Mike Baker and passed unanimously.

## **VII. COMMITTEE REPORTS**

### **1. Advisory -**

No report was given.

### **2. Auditing - Keshav Setaram**

No report was given

### **3. Awards - Jennifer Bustos Fitz**

No report was given

### **4. By-Laws - Steve Green**

President Rodgers presented a two potential by-law changes to clarify that the past president is or is not an officer and officer/director terms. Vicki Pontius made a motion to send the before mentioned proposed by-law changes to the by-laws committee. David Farr seconded the motion and it passed unanimously.

### **5. Financial - John Rodgers**

President Rodgers reported that the committee voted to purchase nameplates (less than \$15) awarded at the FAPMS Annual Meeting. President Rodgers appointed Bill Moore and Charles Bedard to the Financial Committee.

### **6. Government Affairs - John Rodgers**

Bill Torres reported that DEP lost about 1.3 million from the trust fund this year, but all this years operational funds are in tact.

### **7. Historical - Robbie Lovestrand**

Robbie had no report.

### **8. Local Arrangements - Bill Torres**

After a lengthy discussion and a tour of the Tampa Double Tree facilities the board voted to hold the 2002 FAPMS Annual Meeting at the Adam's Mark in Daytona Beach, November 13-15, 2002.

#### **9. Mailing List - Jackie Smith**

No report was given.

#### **10. Merchandising - Jennifer Myers**

President Rodgers suggested magazine holders and sun protective shirts to be considered for sale by the committee.

#### **11. Nominating - Nancy Allen**

President Rodgers read the list of potential nominating committee members. Vicki Pontius made a motion to accept the committee members as follows: Rue Hestand, Eric Cosenmoyer, Pat Green, Mark Bossard. Judy Ludlow seconded the motion and it passed unanimously. President Rodgers opened nominations from the board to replace director Dean Barber for the final year of his term. Nominations from the board included Dean Jones, Rue Hestand, Chance DuBose, Eileen Waddell. The board voted unanimously to have Dean Jones fill Dean Barber's final year of his term.

#### **12. Past President's Advisory - Nancy Allen**

Nancy had no report to give.

#### **13. Program - John Rodgers**

John had no report.

#### **14. Membership and Publicity - P.J. Myers**

President Rodgers asked the board to bring ideas to the next board meeting concerning the task of getting new members.

#### **15. Equipment Demonstration -Dean Jones**

President Rodgers asked if the equipment demonstration could be held at the Tampa Double Tree or the Adam's Mark, Daytona Beach. Most board members indicated the equipment demonstration could be held at either venue.

#### **16. Scholarship - Brian Nelson**

No report was given.

#### **17. Vendor - Lonnie Pell**

Lonnie asked the board to consider changes in sponsorship levels to encourage vendors to feel like they were getting the appropriate value for their sponsorship.

#### **VIII. OLD BUSINESS**

There was no old business.

#### **IX. NEW BUSINESS**

#### **ADJOURNMENT**

President Rodgers adjourned the meeting at 2:30 p.m. The next Board meeting will be held the week of April 16, 2002 at a site in Orlando to be announced. Directions will be sent in the next board book.

## **Aquatic Plant Management Society Announces Annual Student Paper Contest for Upcoming Meeting in Keystone, Colorado**

The Aquatic Plant Management Society is soliciting student papers for the upcoming annual meeting to be held July 21-24, 2002 at the Keystone Resort in Keystone CO. Presentations on the biology or ecology of aquatic plants, control methods (biological, chemical, mechanical, cultural), or restoration projects involving wetland or aquatic plants are solicited. Papers that emphasize nuisance algae control or ecology, the impact of aquatic plant management on fisheries, and the relationship between aquatic plant management and water quality are also highly encouraged.

The APMS has a strong ethic of student support and all attendees will be provided free room and board at the Keystone Resort, waiver of registration fees, and banquet meals and functions. In addition, 1st, 2nd, and 3rd Place prize money will be awarded as well as copies of Sculthorpe's book "The Biology of Aquatic Plants". This meeting presents an opportunity for students to develop their presentation skills, learn about the field of aquatic plant management, meet with key government, university, and Industry representatives, and meet peers with similar educational or professional interests.

For more information on the contest please contact by mail, phone, or e-mail:

Dr. Michael D. Netherland  
SePRO Corporation  
11550 N. Meridian Street, Suite 600  
Carmel, IN 46033  
317-580-8288  
miken@sepro.com

## **Golf Tournament Help Needed**

The Florida Aquatic Plant Management Society needs someone who is willing to organize this year's golf tournament. The tournament will be held the morning of our fourth quarter Board meeting and a day before the annual meeting. We will advertise the golf tournament in the Newsletter with a form to be filled out and mail back. And since our 26th annual meeting will be held again in Daytona Beach, the tournament can take place at the same location as last year or at a new course. Teams are selected and awards are given away at the annual meeting banquet. Longest drive, best individual score, best team score and closest to the pin are some suggestions for award winners. If there are two people in your office that play golf, co-chairs are a nice way to organize an event. Please call John Rodgers at 813-744-6163 or 6164 or email me at john.rogers@dep.state.fl.us if you need additional information or can help.

# State of Florida Aquatic Herbicide Water Use Restrictions

Herbicide	Fishing	Swimming	Livestock	Irrigation	Drinking
AquaNeat (glyphosate)	0	0	0	0	½ mile
AquaPro (glyphosate)	0	0	0	0	½ mile
Aquathol K	3 days	0	7-25 days	7-25 days	600 ft.
Aquathol Granular	3 days	0	7 days	7 days	7 days
Aquathol Super K Granular	3 days	0	7 days	7 days	7 days
Avast (fluridone)	0	0	0	7-30 days	¼ mile
Avast SRP (fluridone)	0	0	0	7-30 days	¼ mile
Copper Sulfate	0	0	0	0	0
Cutrine Plus/K-Tea	0	0	0	0	0
Eagre (glyphosate)	0	0	0	0	½ mile
Glypro (glyphosate)	0	0	0	0	½ mile
Hydrothol 191	3 days	0	7-25 days	7-25 days	7-25 days
Hydrothol 191 Granular	3 days	0	7-25 days	7-25 days	7-25 days
Reward (diquat)	0	0	1 day	5 days food crops  1-3 days non-food crops	<b>Non-flowing water:</b> 1400' - 2 gal/ac 700' - 1 gal/ac 350' - ½ gal/ac 0' - dense weeds <b>Flowing water:</b> 1600' - upstream 400' - downstream 0' - dense weeds
Rodeo (glyphosate)	0	0	0	0	½ mile
Sonar AS (fluridone)	0	0	0	7-30 days	¼ mile unless 20 ppb or under
Sonar PR (fluridone)	0	0	0	7-30 days	¼ mile unless 20 ppb or under
Sonar SRP (fluridone)	0	0	0	7-30 days	¼ mile unless 20 ppb or under
Weedar 64, (2,4-D)	0	0	0	21 days less if <0.1 ppm	21 days less if <0.1 ppm
Weedestroy AM-40 (2,4-D)	0	0	0	21 days less if <0.1 ppm	21 days less if <0.1 ppm

## Notes:

1. Restrictions pertain only to applications made within Florida effective January 1, 2002.
2. Consult label for the rate, maximum rate per treatment, and the maximum amount a product can be used per annual growth cycle.
3. Other brand name diquat and 2,4-D herbicides may have different restrictions than the brand name aquatic herbicides listed above.
4. Range of days means restrictions are rate dependent, except fluridone which is waterbody type and size dependent.
5. The table is for water use restrictions and does not imply any wind speeds, waterbody type, etc. restrictions.
6. The Florida Department of Environmental Protection may place additional restrictions on use of a product in permitted, potable waterbodies. Consult regional biologist for setback distances to intake pipes, especially with herbicides containing day, versus distance, restrictions.
7. Fishing restrictions pertain to the use of fish from the treated area for human or animal consumption.
8. Arsenal and Garlon is not listed since their use is highly restricted. Consult DEP or DACS for specific use restrictions.

# FIRST CALL FOR PAPERS—FAPMS 2002 MEETING

The 26th annual meeting has been scheduled to be held at the Adam's Mark Resort, Daytona Beach on November 13-15, 2002. You don't have to be a professional speaker in order to give a paper! We are looking for papers on herbicide application and mechanical techniques (aquatic and right-of-way), mixtures, innovative control measures, revegetation projects, new plant introductions, research projects, etc. Remember that this Society was formed for the applicator and the annual meeting is a chance to share what you have learned with other members. Each year the Society awards all field applicators who present a paper with a plaque. The field applicator presenting the best paper will receive a plaque and \$100.

**NOTE: DEADLINE FOR SUBMISSION IS JULY 12, 2002**

Title \_\_\_\_\_

Author(s)\*: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Title of Talk & Brief Abstract: \_\_\_\_\_

Biography of Presenter: \_\_\_\_\_

\* If more than one author, please circle the name of the person who will present the paper at the meeting.

**NOTE: Length of talk is usually 15 minutes. If your presentation is shorter or longer, please indicate the length of talk:**  
\_\_\_\_\_ minutes

Check as appropriate: ☐ Applicator paper ☐ Slide projector ☐ Overhead projector (transparencies) ☐ Video projector  
☐ Computer (PowerPoint) Other needs \_\_\_\_\_

**Submit this form to:** John Rodgers—2002 Program Chair  
Dept of Environmental Protection  
8302 Laurel Fair Circle, Suite #140

Phone: (813) 744-6163 or 744-6164  
Fax: (813) 744-6165  
E-mail: [john.rodgers@mail.state.fl.us](mailto:john.rodgers@mail.state.fl.us)

## INTRODUCING A NEW BENEFIT FOR FAPMS MEMBERS FOR 2002

**Long Term Care Insurance is now available to Florida Aquatic Plant Management Society members at a discount. As an FAPMS member you can now save up to 15% on Long Term Care Insurance from Massachusetts Mutual Life Insurance Company.**

SignatureCaresm Long Term Care Insurance offers:

- Flexible policy design, custom fit to each family.
- Special discounted rates that can be extended to each member's spouse, parents, in-laws, grandparents & children.
- The claims-paying ability of a highly rated company with a 150-year history of financial strength.

**Long Term Care Insurance can help you protect the family assets you are working so hard to build.**

Coverage provided by policy series MM-200-P (except in ID and PA). Underwritten by Massachusetts Mutual Life Insurance Company, Springfield, MA. Benefits vary by State. For cost and further details of coverage including exclusions, reductions, limitations and the terms under which the policy may be continued in force contact your licensed MassMutual representative. The information here is not intended as legal or tax advice. You should contact your attorney or tax advisor regarding the tax implications of purchasing Long Term Care Insurance.

For further information you may contact Ronald Hyatt, of the FAPMS merchandising committee and an FAPMS member for over 15 years. Ron has worked as an insurance and investment advisor to businesses and individuals for the last 4 years, and is available at (727) 430-0922.

## WHAT DO I NEED TO CONSIDER WHEN BUYING A LONG-TERM CARE POLICY?

### What is long-term care?

Long-term care is the type of help you may need when you are not able to perform daily activities such as eating, bathing and dressing by yourself due to a lengthy illness, disability, or cognitive disorder such as Alzheimer's. Typically, long-term care is not provided in a hospital by doctors or skilled nursing professionals, and its goal isn't to cure you of an illness. You might receive care at home, in your community, in a nursing home, or in another residential setting.

For many consumers, long-term care insurance is the answer to their concerns about the cost of long term care. Studies show that 50% of all Americans may need some form of long term care during their lifetime.<sup>1</sup> Both young and old will be affected as either a receiver or a provider of care.

It's true that all long-term care insurance policies are not the same, but most offer you a similar choice of benefits and features. You'll want to consider all your options when designing a policy that's right for your needs.

### What types of long-term care insurance are available?

The rationale for purchasing long-term care insurance is similar to that for most insurance: you pay an affordable premium that helps offset the risk of a much larger out-of-pocket expense. There are different approaches available to accomplish this. We'll look at a few of them.

Most of the traditional long-term care policies available right now are reimbursement policies. This means that they reimburse you for your long term care expenses, up to the dollar amount you choose, for each day you received specified care in a nursing home, in the community, or in your home, based on your policy limitations. This is often referred to as a pooled benefit approach.

Another type of traditional long term care policy many companies offer is an indemnity policy or rider, which would pay a fixed dollar amount on any given day of service up to your policy limits, regardless of the cost of your care.

A third type of policy is a life insurance policy that offers long term care benefits under an accelerated or living benefits provision. Under this provision, a portion of the life insurance benefit is paid to the policyholder if long term care is needed, instead of to the beneficiary at the time of the insured's death.

### What features should I consider when purchasing long-term care insurance?

When you are considering long term care insurance, there are several choices you need to make and several options you should weigh. These also will affect the benefits you receive and the premiums you'll pay. The listing here is to help you evaluate your needs and structure a policy that is right for you.

**Daily benefit:** This is the maximum amount a policy will pay out per day. Check the average costs for both nursing home and home care in your area, or for the area in which you think you will use the benefits, before deciding on an appropriate daily benefit amount.

**Waiting period:** You can compare this feature to the deductible on your health insurance policy. You'll need to decide how long you are willing or able to pay for your care expenses

out-of-pocket before the policy starts paying them. Most insurance companies offer a choice of waiting periods.

**Benefit period:** This is how long the insurance company will pay for your care. Again, most insurance companies offer a range of choices from a year or two, up to lifetime (or 'unlimited') care. If you choose a three-year benefit period for example, your policy will pay for three years of care, after which you'll start using your own money if you still need care. Depending on the daily benefit amounts actually used, your policy may pay longer than the specified period, because the benefit maximum is typically determined by multiplying the number of days you need care times the daily benefit amount. For example, a three-year plan with a \$100 daily benefit would be 1095 days times \$100, for a maximum benefit of \$109,500. If your daily expense paid is ever less than the daily benefit, with most policies the remainder stays in the pool of dollars available and can extend your benefit period past the three years.

**Home Health Care:** Many people who need long term care would prefer to receive it in the comfort of their own home. This feature provides benefits for a home health aide or for licensed health care professionals to help you at home. It may also pay for adult day care. This benefit can actually help you avoid a nursing home.

**Inflation protection:** Inflation affects costs in all areas of our lives, and long term care is no exception. This feature is critical if your coverage is to keep pace with rising costs. The average cost of care in 2000 was \$56,575 per year<sup>2</sup>, and assuming a 5% increase, ten years from now, the same care could cost over \$91,000. The inflation benefit assures you that your policy benefit will hold its value over time.

#### How do I choose a long-term care policy?

When you are shopping for long term care coverage, be sure to take enough time to learn details about the policy you are considering, as well as the company backing it. Ask questions and make sure you understand all the provisions. Marketing or sales literature is helpful, but ask to see the actual policy for a

summary of benefits or get an outline of coverage and read it before you buy. Ask about the insurance company's financial ratings and history. Even after you purchase a policy, in most instances, you have 30 days to read through it and decide if you made the right choice. If not, you may return the policy within the 30 days and get your money back.

Details of various policy features can vary dramatically from one company to another. Be sure you carefully compare similar features, and also decide which benefits are most important to your situation. Remember, it is equally important to evaluate the company that is offering the policy itself. A licensed insurance agent who has experience with long-term care insurance can help you evaluate choices and decide what is best for you.

#### Fiction and Fact About Long-Term Care.

**Fiction:** Benefit moneys received from long-term care insurance policies are taxable.

**Fact:** Benefits received from tax-qualified long-term care policies are generally excluded from one's taxable income. The Health Insurance Portability and Accountability Act of 1996 states that federally qualified long-term care insurance policies be treated the same as major medical coverage for tax purposes.

**Fiction:** I don't need long-term care coverage because I can rely on my spouse and/or children to take care of me.

**Fact:** Fewer and fewer people expect their loved ones to provide for their care. Geography plays a part, with those in need of care frequently far away from children who might want to offer it. But the baby boomer generation in general doesn't foresee their spouse (or partner), or their children playing the major hands-on role in their care and nursing if they need long-term care. Less than 6% believe their spouse or their children should be financially responsible for taking care of their long-term care needs.<sup>3</sup>

1 American Health Care Association, January 1999

2 Met Life Mature Market Institute, July 2000

3 Center for Aging Research & Education, 2000

## Florida Aquatic Plant Management Society Newsletter Advertisement Registration Form

The FAPMS Newsletter reaches nearly 600 applicators, supervisors and administrators in Florida. You now have a chance to advertise your goods and services to the people that will use them. Please remit all payments and 2 business cards to:

Rebecca V. Gubert  
Reedy Creek Improvement District  
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One issue - \$30.00 \$ \_\_\_\_\_

One year ( four issues ) - \$100.00 \$ \_\_\_\_\_

TOTAL: \$ \_\_\_\_\_

Receipt requested from FAPMS? ☐ Yes ☐ No

Thank you for your support, if you have any other questions concerning this matter please contact Todd Olson, Secretary at 561-845-5525.

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*Aquatic Specialist*

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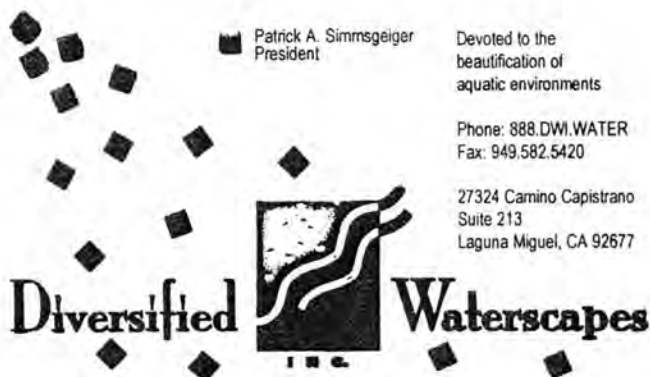
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Aquatics Territory Manager

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## Annual meeting information available at [fapms.org](http://fapms.org)

If you want to find out the latest information about our society, then check out our web site at [fapms.org](http://fapms.org). The annual meeting this year is scheduled to be in Daytona Beach and a pre-registration form should be included on the web site by the end of April. A draft copy of the program will be available sometime in late July or early August. The Newsletter will also have this same information, which will contain the exact dates, registration cost, and where to send the pre-registration form. Please visit the web site. It has a list of the society's officers and directors, picture page, sample of the newsletter, how to order the FAPMS plant identification charts, membership application and links to other web sites.



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**Florida Aquatic Plant Management Society  
New and Renewal Membership Application**

Name \_\_\_\_\_ Date \_\_\_\_\_

Representing \_\_\_\_\_

Mailing Address \_\_\_\_\_

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If this is a renewal application, please indicate the year(s) dues are payable for: \_\_\_\_\_

Membership includes four issues of *Aquatics* and the *Newsletter*. Annual dues are \$20.00.

Mail check, payable to FAPMS, to: Rebecca V. Gubert  
Reedy Creek Improvement District  
Environmental Services  
2191 S. Service Lane  
Lake Buena Vista, FL 32830

Phone: 407-824-7318  
Fax: 407-824-7309

Please note: if you need to change, correct, or check on your membership, please call Jackie Smith at 561-791-4720.

## UPCOMING MEETINGS

**April 16, 2002**

FAPMS 2nd Quarter Board Meeting

Locatin: TBA

Todd Olson, 561-845-5525

**May 19-24, 2002**

I.F.A.S. Short Course 2002

Ft. Lauderdale Research and Education Center

Registration Information: O.C.I. 352-392-5930

Program Information: Vernon Vandiver

954-577-6316

**July 21-24, 2002**

APMS, 42nd Annual Meeting

Keystone, CO

Robert Gunkel: 601-634-3722

[www.apms.org](http://www.apms.org)

### FAPMS OFFICERS AND CHAIRS 2001-2002

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<b>Awards</b>	
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John Rodgers.....	813-744-6163
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Robbie Lowvestrand.....	352-726-8622
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Bill Torres.....	850-488-5631
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Lonnie Pell.....	321-455-9833

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