



AQUATIC PLANT NEWS

A Newsletter of The Aquatic Plant Management Society, Inc.
P.O. Box 821265, Vicksburg, MS 39182-1265
Chetta Owens, Editor Issue Number 99 March 2012

Mission: "The Aquatic Plant Management Society, Inc., strives to promote environmental stewardship through operations, research, education and outreach related to integrated management of vegetation in aquatic systems"



Photo courtesy of Adam Barker

Salt Lake City, Utah Site of the 52nd APMS Annual Meeting

Salt Lake City, Utah—52nd Annual Meeting

The 52nd Annual Meeting of the Aquatic Plant Management Society will be held July 22 - 25, 2012 at the Little America Hotel in Salt Lake City, Utah. Among Salt Lake City hotels, Little America stands apart as a superior choice and not just because it's one of Salt Lake's most luxurious four-diamond hotels. Just ten minutes from Salt Lake International Airport, this hotel is an ideal base from which to explore Salt Lake City and Utah. The city hosts a flourishing nightlife with over 350 nightclubs, a vibrant artistic and cultural scene, numerous museums, and sidewalks safe enough to stroll long after dark.

The Little America can serve as your ideal "base camp" for your outdoor adventures with five National Parks and sixteen National Monuments and Recreation Areas in the area.

As in 2011, a 2½ day format will be used for the meeting. **The technical program will begin Monday morning and end around noon on Wednesday.** Our meeting will kick off with the President's Reception on Sunday evening. As the official welcoming event of the meeting, this reception is an excellent time to reacquaint with old friends, meet new friends, and just relax and enjoy great food and beverage. The Monday evening Poster Session and Reception presents a great opportunity to examine posters and exhibits while enjoying great food and beverage. The APMS Awards Banquet on Tuesday evening will be another memorable event where we will recognize those who have served and contributed to our Society, welcome new officers and directors, and present student paper and other awards. These special events are free to all registered delegates, students, and guests. Non-registered guests may purchase individual tickets for these events at the registration desk.

Hotel reservations can be made online at:

https://secure.saltlake.littleamerica.com/reservations_ows/flex/ReservationsOpera.html?hotelCode=LASLC&ratePlanType=G&ratePlanCode=AQUA0712&arrivalDate=2012-07-21&departDate=2012-07-25&groupEarliestArrivalDate=2012-07-

[18&groupLatestDepartDate=2012-07-28](#) or by calling the Little America Hotel directly at 800-437-5288. When making your reservation by phone, be sure to mention that you are part of the Aquatic Plant Management Society. The cutoff date for reservations at the special group rate is **June 20, 2012**. Our special APMS guest room rate is \$139.00 for single and double occupancy per night plus applicable tax, currently 6.85%. These group rates are available three days prior to the conference and three days post conference. The Little America Hotel requires that all reservations be guaranteed with a major credit card or a deposit. Cancellations must be made 72 hours prior to arrival or you will be charged one night's room and tax. Check in time is 3:00 p.m. and checkout time is 12:00 p.m. If you choose to depart earlier than your reserved departure date, the hotel will charge one night room and tax.

This year, our spouses and guests will be treated to a tour of Temple Square and the world famous Natural History Museum. You will be picked up at the Hotel at 10:00 a.m. and will return by 3:00 p.m. **Temple Square** is a worldwide icon of the Church of Jesus Christ of Latter day Saints and the heart of Temple Square. The massive granite edifice was constructed in a neo-gothic style over the course of an astounding 40 year period between 1853 and 1893; the pioneers who settled the valley sacrificed both time and material goods to the building of the temple, which stands as a testament of their faith and devotion. The **Salt Lake Tabernacle**, home of the world famous Mormon Tabernacle Choir, is an architectural and acoustic wonder. The famous organ at the front of the Tabernacle contains 11,623 pipes, making it one of the largest and richest sounding organs in the world, and the building was constructed so that even the drop of a pin at the front of the building can be heard at the back. The Temple Square tour will be completed at the **Visitors Center**. This building is home to an impressive 11-foot statue of Jesus Christ known as **The Christus**. The Lion House will serve as our host for lunch. The tour will conclude with a visit to the New **Natural History Museum**. The design for the Museum embodies the Museum's educational and scientific mission to inspire wonder and discovery of the natural world and the place of humans in it. The new Museum is the "trailhead" for the state of Utah.

The meeting registration fees are \$275.00 for a delegate and \$130.00 for a guest (spouse, partner, child over 12 years of age) if received by June 22, 2012. After this date, registration fees at the door will be \$330.00 for a delegate and \$155.00 for a guest. The meeting registration fee for a student competing in the student paper contest (oral or poster) is waived and the registration fee for a student not competing is \$75.00. Delegate and student registration includes all technical sessions, President's Reception, refreshment breaks, Poster Reception, and Awards Banquet. Guest registration includes President's Reception, refreshment breaks, Guest Tour, Poster Reception, and Awards Banquet. Non-registered guests may purchase individual tickets for these events.

Ground transportation between Salt Lake City International Airport and the Little America Hotel is available by shuttle or taxi (12 miles). The Express Shuttle (801-596-1600) can hold up to six passengers, will stop at up to four hotels, and cost \$8 per person each way. They have a desk inside both terminals by the baggage claim area for shuttle check-in. Taxi service is approximately \$20 one way. Guests can "call" a cab by stepping out of the airport terminal, talking with an attendant, or running their credit card through the KIOSK.

Would you like to be a Meeting Sponsor and assist the APMS in conducting an informative and successful meeting for the education, scientific, and operational advancement of aquatic plant management? Information on sponsorship is available on the APMS web site (apms.org), or contact Craig Aguillard (phone: 337-290-1096, e-mail: caguillard@landolakes.com). If you would like to exhibit at the annual meeting this year, please contact LeAnn Glomski at (972) 436-2215 ext. 232, or by email leeann@laerf.org, or visit the APMS website.

This is guaranteed to be an extraordinary meeting, so plan to attend and bring the family! Please help us in planning for the 52nd Annual Meeting by submitting the **Meeting Registration Form** enclosed in this newsletter by June 22, 2012.

Scholastic Endowment Silent Auction Fund Raiser

Please consider donating an item to this year's Scholastic Endowment's Silent Auction which will take place at our annual meeting in Salt Lake City. The Silent Auction has successfully raised funds providing much needed financial support for student scholarships, presentations and poster awards. All donors confirming with John by June 10th will be recognized on both meeting sponsorship signs at the Silent Auction tables and in a program listing.

John Gardner, Scholastic Endowment Chair
Phone: (800) 432-4302
E-mail: john@vertexwaterfeatures.com

The Aquatic Plant Management Society-2nd Call For Papers

52nd ANNUAL MEETING
Salt Lake City, UT – JULY 22-25, 2012

You are invited to submit a title and abstract for the 52nd Annual Meeting of the Aquatic Plant Management Society to be held July 22-25th, 2012 at the Little America Hotel in Salt Lake City, Utah. Presentations on all aspects of aquatic plant management, biology and ecology will be considered. Oral presentations are allotted a total of **15 minutes**. A special poster session is also scheduled.

An LCD projector/computer, projection screen, and a laser pointer will be available for oral presentations. **Only PC-based PowerPoint presentations will be accepted.** You will not be able to set up a personal computer to run your presentation. Free-standing display boards (4' by 4') will be provided for velcro-backed posters.

Please go to the WSSA Title and Abstract Submission System at <http://WSSAabstracts.com> to join and submit your information online. You will receive a confirmation email upon acceptance of your presentation.

NOTE: You will be required to submit a CD or flash drive with your final PowerPoint presentation upon registration. All presentations that include externally run programs, models, or special animation must be reviewed and approved by the Program Chair **1 week** before the meeting. No Exceptions!

Have You Checked the APMS Member Directory Lately?

We need your help to update the mailing and E-mail addresses and phone numbers in our on-line Membership Directory. To do this, go to the APMS website at www.apms.org and click on "Member Directory." This member only feature can be accessed by typing:

Username = apms
Password = duckweed

Username and password are case sensitive (no caps). Please check your personal data and send any changes to the Webmaster, Dave Petty at dpetty@ndrsite.com.

APMS Promotional Information Available

The APMS has revised its two tabletop displays and posters, suitable for presentation at conferences and stakeholder meetings. Also available are tri-fold membership brochures and a newly completed eight-page color booklet with additional information about the APMS programs and initiatives. You may borrow the display for your next conference and obtain copies of the brochure and booklet by contacting the APMS Secretary or President whose contact information is on the APMS website at www.apms.org.

APMS Archives Now On Website Dave Petty

There's been a coordinated effort this year to sort out and scan the Society's historical archives. There's still work to be done, but the items of interest to the membership are now on the website.

Most of these items can be found by using the “Archives” button on the site’s main menu. You can find past directories, most of the past newsletters, and programs and abstracts for many of the meetings.

Additionally, in the issues of the Hyacinth Control Journal and earlier volumes of the Journal of Aquatic Plant Management there often appeared brief articles that were non-research in nature. These include various lists of plants, chemicals, membership lists, and meeting minutes. You can find these by looking through the tables of content found under the “JAPM Online” button under “Journal”.

We ask that anyone who may have items that we are missing to please get in touch with either Dave Petty or Jeff Schardt, so that we can get a copy for our collection.

David Petty
Webmaster

2012 Mid-South Aquatic Plant Management Society Scholarship Opportunity

The MSAPMS is seeking applications for the 2012 graduate student scholarship to be awarded at the annual meeting at a place to be determined. One scholarship of \$2,000 will be awarded to a qualified student applicant.

To apply, The Scholarship Committee should receive the following information on or before June 1, 2012:

1. A cover letter which includes the applicant’s previous, current, and future relationship to the aquatic plant management industry, and a comment on the importance of their proposed research to aquatic plant management.
2. Copies of unofficial or official transcripts of undergraduate and any graduate work completed to date (these transcripts may be those issued directly to the student by the institution);
3. A letter from the student's major professor recommending the student for the scholarship,

indicating that the student is currently enrolled and in good standing and has had their research proposal approved by their graduate advisory committee;

4. A copy of the approved graduate research proposal; and
5. One letter of recommendation, other than the major professor.

All submissions may be made with either hardcopy, addressed as below, or electronically via e-mail.

To enter an application or request more information, contact:

Dr. John D. Madsen
Mississippi State University
Geosystems Research Institute
Box 9627
Mississippi State, MS 39762-9627
Ph. 662-325-2428
E-mail. jmadsen@gri.msstate.edu

2012 Florida Aquatic Plant Management Society Scholarship

The William L. Maier Jr. Memorial Scholarship will be awarded to a junior, senior, post-bachelor or graduate student who is (1) enrolled in an accredited university or college located in Florida, (2) a U.S. citizen, and (3) majoring in a field of study directly related to the management of freshwater, aquatic vegetation for the ecological benefit of aquatic or freshwater environments. For more information, visit the FAPMS website:

http://www.fapms.org/maier_scholar.html

The Paul C. Myers Applicator Dependent Scholarship-Provides up to \$1500 to deserving dependents of FAPMS members. Learn more at: http://www.fapms.org/myers_scholar.html

Midwest Aquatic Plant Management Society Accepting Applications for 2012 Graduate Research Grants Substantial Increase in Grant Program

The Midwest Aquatic Plant Management Society (MAPMS) is currently accepting applications for graduate student research grants. **For 2012, the Society has increased its level for individual graduate student support to \$5,000.** MAPMS has always tried to be very supportive of students studying and conducting research in the field of aquatic plant management. This grant had been funded at a level of \$2000 for many years. At the 2011 Fall Board Meeting, the Board of Directors approved this substantial increase to continue to support graduate studies at the highest level possible. This is a very significant opportunity for graduate students and big investment by MAPMS. To help offset the increased costs, the undergraduate scholarship (\$750) was terminated due to lack of applications for that funding.

The research grants will be competitively awarded to qualified graduate students pursuing a degree in aquatic plant management or related field at any accredited university or college, or independent research which contributes to the mission of the Society. MAPMS will consider all applications pertaining to research dealing with aquatic plant management, including ecology or biology of aquatic plants, and chemical, mechanical, or biological control of aquatic weeds. Winners will be announced at the 2012 annual conference in Milwaukee, Wisconsin (February 26 - 29), and all recipients are required to present their research findings at the annual conference the following year. Recent recipients have attended Clemson University, Mississippi State University, and Grand Valley State University. If you know of a graduate student with relevant study focus, please copy the application forms and encourage them to apply. All grant applications should be submitted prior to 15th February, 2012 for consideration. Please visit the Society website at www.mapms.org to learn more about the Society and for application forms ("Research Grant" link). For more information, please contact:

Dr. Mark Heilman
Student Affairs Committee - MAPMS
SePRO Corporation
markh@sepro.com

Aquatic Plant Management Society is now on LinkedIn! John D. Madsen

The Aquatic Plant Management Society now has an online group through the social network LinkedIn, which is at <http://www.linkedin.com>. LinkedIn is a social network for professionals which emphasize developing a professional network of business colleagues. The APMS group has a discussion board, jobs board, and membership list. Opened by the Membership committee and moderated by the current chair, it is open to all individuals interested in aquatic plant management issues. So long as the discussions remain polite, all membership and postings will be open.

Of the more than 60 current members of this group, less than half are members of the national APMS. Our goal is to use this tool to encourage membership in the national and regional APMS and involvement at conferences.

To create an account on LinkedIn, go to <http://www.linkedin.com> or use the LinkedIn link under Social Networks on the APMS webpage. Once you have an account on LinkedIn, search for the Aquatic Plant Management Society group under the Groups Directory in LinkedIn.

Come join the discussion!



For Immediate Release

Contact: Richard Lowerre at (512) 482-9345 or (512) 350-6960 & rl@caddolake.us

**Caddo Lake Institute
Awarded Grant for
Giant Salvinia Control**

The National Fish & Wildlife Foundation (NFWF) announced this week that the Caddo Lake Institute (CLI) will receive one of 24 new grants given to organizations nationwide to support efforts to control infestations of invasive or noxious weeds. CLI was awarded a \$100,000 “Pulling Together Initiative” grant to help “control giant salvinia and other aquatic invasive species via a public-private partnership to protect lakes and wetlands using websites, trained volunteers, and public education.”

The CLI project supported by the grant will likely include:

- Development of GIS map tracking applications to provide chemical and biological control managers tools for coordination of herbicide treatments and release of salvinia weevils;
- A “Weed Warden” program for specially-trained volunteers to monitor and report on infested areas; and
- A public education and awareness program with internet access to information posted on the map tracking sites and with a shoreline owners watch program.

The focus of CLI’s work on invasives to date has been limited to the Louisiana and Texas sides of Caddo Lake. The NFWF grant will make it possible for CLI to take a regional approach and assist with work on several other lakes in Louisiana and Texas including Caddo Lake and Lake Bistineau.

Lowerre praised U.S. Senators Hutchison and Cornyn in Texas, Senators Landrieu and Vitter in Louisiana, Texas Congressman Gohmert, and Louisiana Congressman Fleming for their support of CLI’s grant application. Congressman Fleming held a Congressional hearing on the issues in the summer of 2011 that led to this strong regional approach.

From Senator **Kay Bailey Hutchison** of Texas - “I am pleased the National Fish and Wildlife Foundation has awarded this important grant to the Caddo Lake Institute. The good work being done by my friends at the Caddo Lake Institute is pivotal to understanding and controlling invasive species that threaten our ecosystems and the viability of our

lakes to support fish and wildlife, not only in Caddo Lake, but in bodies of water throughout the country.”

From Senator **Mary Landrieu** of Louisiana - “Caddo Lake is one of the region’s most diverse freshwater ecosystems and the second largest body of water in the South. But the lake is currently threatened by the Giant Salvinia, an invasive aquatic fern. If left untreated, the Giant Salvinia can double in size every five to seven days, and has the potential to completely overtake Caddo Lake. I applaud the Caddo Lake Institute for their hard work fighting the Giant Salvinia and protecting Caddo Lake – this funding will provide important support for this ongoing effort.”

From Senator **John Cornyn** of Texas - “Caddo Lake is a Texas treasure, and I applaud the National Fish and Wildlife Foundation for stepping up to the plate to help fight invasive species there.”

From Senator **David Vitter** of Louisiana - “This grant is good news for Northwest Louisiana and for all of the residents who benefit from Lake Bistineau and Caddo Lake, as well as the surrounding ecosystems,” said Vitter. “I’ve been involved first hand with this issue for several months and have been working with local officials to find the best way to address the problems caused by giant salvinia. This grant is a big step forward that will allow us to enlist concerned volunteers and work with local communities to fight back and keep these beautiful lakes healthy for a long time to come.”

From Representative **Louie Gohmert** of Texas - “For the past six years, saving Caddo Lake has been a critical priority for us in east Texas and should be for Texas and the nation because it is such a treasure. I am pleased to see that the Caddo Lake Institute was awarded this competitive grant, which will enable the organization to continue its fight to combat the invasive weed, Giant Salvinia. This grant will assist local communities in their efforts to control infestations, while also trying to find uses such as the recent encouragement for cancer treatments. Breakthroughs in protecting Caddo Lake from foreign invasive species can also provide the template for saving America’s freshwater lakes.”

From Congressman **John Fleming** of Louisiana - “NFWF’s grant is another affirmation of the

important work Caddo Lake Institute is doing to keep Caddo Lake and Lake Bistineau as superior locations in northwest Louisiana for wildlife, recreation and tourism.”

“The grant requires CLI to raise an equal amount of matching funds for the project and gives CLI the opportunity to work with partners in Texas and Louisiana on this regional problem,” said Richard Lowerre, CLI President. “With the NFWF grant and the other funds we will raise, the total value of the projects we will undertake with our partners will exceed \$200,000.”

A total of \$1.1 million in federal funds was awarded in grants by NFWF as part of their 2011 Pulling Together Initiative. Competition for the grants is strong. In 2010, only one out of 5 applying organizations was funded.

Job Announcement - Aquatechnex

Aquatechnex is looking to hire an entry level aquatic biologist to work with our expanding client base in Southern California. This job would entail travel to and review of our clients lakes, noting water quality conditions and training on the prescription and application of corrective measures where necessary. Over time we would expect this person to take on a more active role in client relationship management. Please send a resume to ian@aquatechnex.com. We would also appreciate anyone interested passing this on. Thank you for your consideration.

Aquatic Plant Management Society Blog:

The APMS Board of Directors recently approved the creation of a site (<http://apms-blog.blogspot.com/>) that aggregates aquatic plant management news items from around the country. I frequently receive e-mails from colleagues giving updates on various APM projects/issues, and thought it would be worthwhile to turn this process into a product that all of our membership can utilize to help better inform them on current APM issues at a regional and nationwide scale. Through a variety of search strings we plan to update this feature on a weekly basis and the site can be accessed via the

APMS web page under the Social Networks Tab. At the present time Karen Brown (kpbrown@ufl.edu) is responsible for placing content on the site. Karen has a great background to lead this project and with numerous contacts throughout the country, I anticipate the quality of the blog will improve over time. The e-mail address for contributing news to the APMS blog is apmsblog@gmail.com

While the current format will initially emphasize searches for news articles, we will eventually look to expand and introduce some of our own original content (e.g. op/ed pieces, project updates, etc). I think many members will find this to be an interesting and valuable site as it will keep them up to date on APM as it is practiced, regulated, and viewed by the public around the country. If you look under blog archive, you can view all of the articles that have been generated for 2012.

If you have any questions, comments or suggestions for improvement please feel free to contact me.

Michael D. Netherland
APMS Vice President

NPDES Compliance Information John Madsen

Spring has come, and it is time to comply with the new NPDES permit requirements. These requirements go beyond simply filing a notice of intent (NOI). Among other things, the applicator or resource manager has to complete a pesticide discharge management plan (PDMP) and have a method to both estimate the level of nuisance and evaluate effectiveness.

Currently, the Aquatic Ecosystem Restoration Foundation (AERF) has several tools available to prepare permit holders to comply with NPDES requirements, available on their webpage at <http://www.aquatics.org>, under the NPDES/PGP tab. First, under the news tab, AERF has provided a template of the Pesticide Discharge Management Plan (PDMP) as a fillable PDF form. This seven-page form will help in making sure all the elements of a PDMP are completed. The news section also has a summary of the Pesticide General Permit

(PGP) elements. The news tab also has updates on available training resources, such as the EPA web-based permit-writer's training.

Under the state permits tab, links to each states permit and the contact information for a person in charge is available. Lastly, under the State NOI

info tab, a state-by-state comparison of threshold levels for the permits is available.

The AERF will also be providing guidance on assessment methods for assessing nuisance plant levels in the near future.

WSSA UNDERGRADUATE RESEARCH AWARD – 2012

The Weed Science Society of America (WSSA) has developed an Undergraduate Student Research Grant designed to encourage and involve exceptional undergraduates in agricultural research. Interested faculty members are encouraged to identify potential award candidates and discuss the possibility of sponsoring a research project. Awards may be used as a stipend, for research budget expenses (travel, supplies, etc.), to defer fees, to defray living expenses for summer research, or any combination of these items.

AWARD: Up to \$1000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2012. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

APPLICANT: The applicant is an undergraduate student with a strong interest in Weed Science. Students majoring in all related disciplines may apply.

TO APPLY: Applicants should prepare a 2-3 page research proposal including name, address, phone number, E-mail address, title, objective, experimental approach, discussion, budget and references. The discussion section of the proposal should describe the expected results and their possible significance to Weed Science. The student should provide a cover letter in which general academic and career goals are discussed. A copy of the student's academic transcripts must also be provided.

FACULTY SPONSOR: Any faculty member who is actively engaged in Weed Science research is qualified to be a sponsor. The faculty sponsor should review the research proposal with special attention to the budget; the distribution of funds should be approved by both the student and sponsor. In addition, the sponsor should provide a letter of reference including a statement of his/her willingness to supervise the proposed research and to provide any needed space, equipment and supplies above those requested in the proposal. The sponsor is encouraged to assist the student in presenting his/her results at a regional Weed Science Meeting.

HOW TO APPLY: The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to: Dr. John Jachetta, Dow AgroSciences, 9330 Zionsville Road, Indianapolis, IN 46268-1054; Phone: (317) 337-4686, Fax (317) 337-4649, E-mail: jjjachetta@dow.com. Proposals should be received no later than November 11, 2011. Funding decisions will be made by January 27, 2012 and presented at the 2012 WSSA National Meeting Awards Ceremony.



THE AQUATIC PLANT MANAGEMENT SOCIETY, Inc.

Post Office Box 821265
Vicksburg, Mississippi 39182-1265
www.apms.org

ANNOUNCEMENT

APMS GRADUATE STUDENT RESEARCH GRANT

A graduate student research grant in the area of aquatic plant management and ecology is being offered by the Aquatic Plant Management Society's research and education organization. Co-sponsors of this academic award may also include regional APMS chapters: Florida, MidSouth, Midwest, Northeast, South Carolina, Texas and Western.

Objective: To provide a grant for a full-time graduate student to conduct research in an area involving aquatic plant management techniques (used alone or integrated with other management approaches) or in aquatic ecology related to the biology or management of regionally or nationally recognized nuisance aquatic vegetation.

Applicants: Solicitation for proposals is open to any full-time faculty member and/or graduate student of an accredited U.S. academic institution. A faculty sponsor must be identified if the application is submitted by a graduate student.

Amount: \$40,000 (it is the policy of APMS not to pay overhead or indirect costs).

Duration: Two (2) years (\$20,000 per year).

Proposal Deadline: Applications must be postmarked no later than April 15th, 2012.

Guidelines for Proposals: Proposals should contain a concise statement of the project, including its purpose and justification, as well as sections that discuss study objectives, methodology, schedule, budget, and planned publication of results. The resumé of the faculty applicant and graduate student (if known) should not exceed two (2) pages each. Proposals should not exceed ten (10) pages, and must be signed by the applicant (principal investigator) and an appropriate university official. Include copies of your five (5) most recent peer reviewed publications. Please submit a pdf file of your full application via email to Dr. Michael D. Netherland at mdnether@ufl.edu.

Award: Notification of award will be provided to the faculty member in time to make arrangements to attend the APMS 52nd Annual Meeting (July 22 to 25, 2012 – Salt Lake City, UT). Formal announcement of the recipient will be made at the annual meeting, with initiation of the stipend scheduled for the 2013-2014 academic year. Payments will be made before January 31st of each year.

Requirements: Semi-annual progress reports must be submitted to APMS prior June 30th and December 31st for each year of the grant. The faculty member and student must participate in at least one annual APMS Board of Directors meeting and attend the annual APMS meeting. The student must present results of the funded research at least one time over the duration of the grant, although it is preferred that presentations are made annually. Upon completion, a final report must be submitted to APMS.

Inquiries: Dr. Michael D. Netherland, US Army ERDC, 7922 NW 71st Street, Gainesville, FL 32653
Phone - 352-392-0335 and e-mail - mdnether@ufl.edu

APMS Awards Committee Solicitation for Nominations for 2012

The APMS Awards Committee is soliciting nominations for the various awards bestowed upon individuals each year at our annual meeting. There are many deserving members, but they must be nominated for consideration. Please consider making a nomination. The awards are:

- 1) Honorary Membership—one of the Society's most prestigious awards, the criteria is delineated in our by-laws.
- 2) T. Wayne Miller Distinguished Service Award—recognition for “Service to the Society and the Profession”.
- 3) Max McCowen Friendship Honor—recognition given to a member whose demeanor and actions display sincerity and friendship in the spirit of being an ambassador for APMS.
- 4) Outstanding Graduate Student—a graduate student (or recent graduate) recognized for outstanding achievement during graduate studies in the field of aquatic plant management.
- 5) Outstanding Research and/or Technical Contributor Award—an individual (or team) recognized for a research project or technical contribution related to aquatic plant management that constitutes significant advancement to the field.
- 6) Outstanding International Contribution Award—an individual recognized for research and/or outreach activities that are international in nature.
- 7) Outstanding Journal of Aquatic Plant Management Article Award—recognition given to an author(s) for unique research published in the JAPM the previous year as determined by the Editor and Associate Editors.

All nominations must be supported by descriptions of the individual's accomplishments and/or service or publications merit. To nominate an individual for an award, please go to the Society's website. Under “Awards” click on “Nominations”. Procedures and criteria are delineated for each award, as well as the Nomination Form. The Awards Committee selects the final candidates from the nominees for each award. Then the BOD makes the final selection.

All award nominations must be submitted to the Awards Committee by April 30.

Please send or e-mail your nomination to the Awards Committee Chair at the following address:

e-mail: doggett@lchcd.org

Don Doggett

P.O. 60005

Ft. Myers, FL 33906

Invasive Plant Control Travel Team Technician

10-12 OPENINGS AVAILABLE!

Positions are available 2012 (Seasonal/Permanent)

Compensation is negotiable depending on experience.

Applicants will have the opportunity to work in various natural areas throughout the eastern United States with an emphasis on invasive plant management. Invasive Plant Control, Inc. will provide you with the opportunity to conduct intensive habitat rehabilitation of many different native plant communities with the main emphasis in invasive plant management. IPC is a privately owned company considered one of the leaders in the invasive plant control market in the US. IPC emphasizes control in natural area settings.

SPECIFIC DUTIES: Primary function will be to travel continuously throughout the eastern US as part of an invasive plant management team and utilize a variety of techniques including chemical and mechanical methods to control invasive exotic plants.

TRAVEL: • Lodging is provided. • Personal vehicle is encouraged but not required. • Food is on your own. • There may be no opportunity to travel home during the course of this position other than on your own time

REQUIREMENTS: • Applicants selected will be subject to a government security investigation. • Applicants must pass a pre hire drug screening to be considered for employment • Valid driver's license; good communication skills; good physical condition; ability to work with minimal supervision; ability to travel for long periods of time away from home; ability to pass pesticide applicator exams in various states. • Ability to work effectively under pressure and meet deadlines • Ability to travel extensively and on short notice. • Knowledge of current trends in invasive plant management in natural areas. • The ability to motivate, lead, set objectives, and manage performance of a small team. • Adapt, improvise, and overcome precarious situations. • Employee will be required to treat all invasive plant species with minimal to no damage to native species in the area.

TRAINING/EDUCATIONAL OPPORTUNITIES: Applicant will have the opportunity to participate in seminars or training sessions regarding: Invasive plant removal techniques; first aid; chainsaw and hand-tool safety; pesticide safety; application equipment; ATV use and orienteering. There will be opportunities to visit many culturally and historically significant sites; attend educational workshops or meetings concerning vegetation management and work alongside professionals involved in many different areas of resource management.

To Apply, Send Cover Letter and Resume to: **Lee Patrick** at lee@ipc-inc.org **615-385-4319**

Invasive Plant Control, Inc. PO Box 50556 Nashville, TN 37205

www.invasiveplantcontrol.com

Invasive Plant Control, Inc. is an Equal Opportunity Employer

ANNOUNCEMENT
BOTANIST GS-0430-11/12
National Fish Hatchery and Technology Center, San Marcos, TX

The San Marcos National Fish Hatchery and Technology Center (Center), San Marcos, TX, provides applied fishery and aquatic research and development capabilities to the U.S. Fish and Wildlife Service. With an annual operation budget of approximately \$1 million (base and soft monies) and a current staff of nine, the Center's applied research programs assist restoration and recovery efforts through the scientific development and evaluation of new methods, concepts, systems, and approaches. The Center currently maintains active applied research programs in the fields of Physiology and Ecology of fish, amphibians, aquatic invertebrates, and aquatic plants.

The employee in this position coordinates and provides technical guidance for the aquatic plant activities for the Center and the Uvalde National Fish Hatchery, Uvalde, Texas. Activities include: managing the Texas wild rice refugium; obtaining funds, planning, conducting, and publishing the results of scientific investigations associated with Texas wild rice and other aquatic plant propagation, native aquatic plant restoration, aquatic plant population dynamics in the wild, and aquatic invasive species control and management; and participates in Center's educational and outreach programs.

MAJOR DUTIES

TEXAS WILD RICE REFUGIUM - Responsible for design, establishment, and coordination of Texas wild rice refugium activities at two facilities (San Marcos NFHTC and Uvalde NFH). Assists in the updating and execution of the San Marcos and Comal Springs Recovery Plan. Assists in the development and execution of the Contingency, Captive Propagation, and Reintroduction plan for Texas wild rice. Develops long range plan to produce genetically sound propagated Texas wild rice to be used for possible restoration efforts. Develops "standard operating procedures for Texas wild rice propagation." Participates in the acquisition and reporting requirements of Federal and state permits regulating Texas wild rice activities.

AQUATIC PLANT RESTORATION AND RESEARCH – Assists in stream restoration projects. Responsibilities include developing and maintaining partnerships; proposing, justifying, and obtaining funds; initiating, carrying out, and guiding projects to completion; and developing new technologies for research, propagation, and restoration projects.

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ACKNOWLEDGEMENTS

Special thanks to LeeAnn Glomski for review, assistance and guidance on this newsletter!



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