Aquaculture America 2012



Bringing all Players to the Table

February 29 - March 2 Paris Las Vegas Las Vegas, Nevada USA

THE NATIONAL CONFERENCE & EXPOSITION OF



Associate Sponsors

American Tilapia Association American Veterinary Medical Association Aquacultural Engineering Society Aquaculture Association of Canada Catfish Farmers of America



Global Aquaculture Alliance Global Aquaculture Alliance International Association of Aquaculture Economics and Management Latin American Chapter WAS Striped Bass Growers Association US Shrimp Farming Association US Trout Farmers Association Zebrafish Husbandry Association

AQUACULTURE AMERICA RETURNS TO LAS VEGAS



AQUACULTURE AMERICA 2012 returns to one of the favorite entertainment spots in the world for the only major national aquaculture conference and exposition held in the U.S. The U.S. Aquaculture Society (formerly U.S. Chapter of WAS joins with National Aquaculture Association and the U.S. Aquaculture Suppliers Association to produce the annual Aquaculture America meetings.

These sponsors are joined by the annual meetings of Aquacultural Engineering Society, American Tilapia Association, Striped Bass Growers Association, US Trout Farmers Association, US Shrimp Farming Association and many more associations to make Aquaculture America 2012 the one meeting in the U.S. that you don't want to miss!

BEYOND THE CONFERENCE

Las Vegas offers many attractions and great fun. Aquaculture America 2012 is the place to learn about the latest in aquaculture, see the newest technology in the trade show and have a great time in the many fantastic restaurants, bars and entertainment sites in Las Vegas.

A CRITICAL TRADE SHOW FOR AQUACULTURISTS!

AQUACULTURE AMERICA 2012 will have the largest aquaculture trade show in the Western Hemisphere and one of the largest anywhere in the world with nearly 200 booths! This is your opportunity to inspect the latest in products and services for the aquaculture industry. It is the place to visit current suppliers and make new contacts. To keep ahead and to keep profits building, you need to keep pace with the technological advancements in the industry - and AQUACULTURE AMERICA 2012 is the place to do it!

EXPANDED PRODUCER PROGRAM

Aquaculture America is known for the high quality of its Producer Program organized by NAA. AQUACULTURE AMERICA 2011 will continue to expand the size and scope of the producer program to address all of the issues facing producers in the U.S. as well as around the world. Topics Include:

Communications and Media Aquatic Animal Health National Animal Identification Feed Safety Aquatic Invasive Species Marketing Offshore Aquaculture Environmental Issues Start Up Aquaculture Science and Public Policy Federal Agency Town Hall Meeting

TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

The U.S. Aquaculture Society will put together an extensive technical program featuring special sessions, contributed papers and workshops on all of the species and issues facing aquaculturists around the country and throughout the world. Sample topics:

Best Management Practices Environmental Monitoring Biotechnological Applications Extension/Technology Transfer **Education Programs Ornamentals** Farm Production Policy/Regulations Stock Enhancement Drugs/Therapeutants Water Quality and Effluents Finfish Physiology **Ecological Interactions Economics** Feeds/Nutrition **Alternative Feed Ingredients** Health and Disease Animal Welfare Genetics and Breeding

Engineering Statistics and Modeling **Biofloc Technology** Effluent Waste Management **Recirculation Systems** Live Feed Production **Baitfish Production** Polyculture Larviculture Zebrafish Channel and Hybrid Catfish Culture Marine Finfish Culture Marine Shrimp Culture Coldwater Fish Culture Mollusk Culture Finfish Culture Crustacean Culture

YOUR FULL CONFERENCE REGISTRATION INCLUDES:

Only pre-registered attendees are guaranteed materials

- Admission to all sessions, seminars and the trade show.
- Admission to the President's Reception.
- Conference Bag, Abstract CD and Show Directory
- Refreshment Breaks and Cash Bar Happy Hour
- Students receive the full registration package plus the Student Reception. To qualify for the student rate, a copy of your student I.D. is required.



CALL FOR PAPERS – DEADLINE: September 2, 2011

AQUACULTURE AMERICA 2012 encourages the submission of high quality oral and poster presentations. We strongly encourage authors to consider poster presentations because poster sessions will be an integral part of the program. Papers submitted for "oral presentation only" may not be accepted as oral presentations due to the limited number of available time slots. All abstracts must be in English – the official language of the conference.

Each oral presenter shall be entitled to no more than 12 minutes for a presentation, plus 3 minutes for questions. Authors of studies involving proprietary products or formulations should present this information in workshops or the trade show. Oral presentations should use Power Point. Slides, overhead projectors and video players will not be available or allowed.

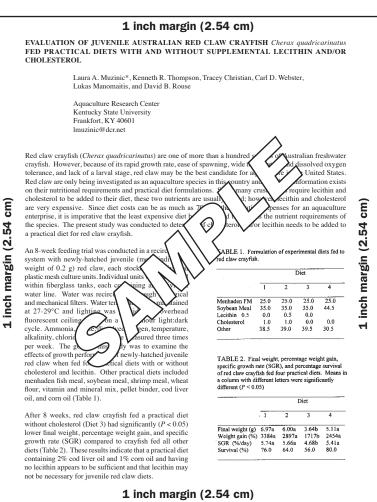
All presenters are required to pay their own registration accommodation and travel expenses. AQUACULTURE AMERICA 2012 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - a CD Abstract Book will be given to registered attendees.

INSTRUCTIONS FOR PREPARATION OF ABSTRACTS

Expanded Abstract Format - Please refer to the sample.

- **1. TITLE OF PAPER:** The abstract title is printed in CAPITAL LETTERS, with the exception of scientific names which should be Upper/lower case and *italicized* (see example). Scientific names should not be preceded or followed by commas or parentheses or other markings.
- 2. AUTHOR(S): The first name should be the presenting author. Use * after the presenting author. Type in upper/lower case.
- **3. ADDRESS AND EMAIL:** Type only the <u>presenting</u> <u>author's</u> institution, address and email. Type in upper/ lower case.
- 4. MAXIMUM LENGTH: One Page
- 5. PAGE SIZE: Standard 8.5 x 11 inch paper (portrait)
- 6. MARGINS: 1-inch margin throughout (left/right/top/bottom)
- 7. SPACING: Single spaced
- 8. PARAGRAPHS: Paragraphs should be separated by a blank line and should not be indented.
- 9. FONTS: Character fonts should be 12 point type.
- **10. FIGURES & TABLES:** Figures and tables are highly recommended. They should be reduced to the appropriate size for a one page abstract and should be clearly readable at the reduced size. The reduced figures and tables should be included in the abstract in camera-ready form.



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inches long (27.94 cm)

8.5 inches wide (21.6 cm)

PLEASE SUBMIT YOUR ABSTRACT ONLINE

Submit your abstract via the internet at the meeting website. Follow the complete instructions on the website for online submission.

www.was.org

If you are unable to submit your abstract online, contact the Conference Manager for alternative methods at:

worldaqua@aol.com or Fax: +1-760-751-5003

WWW.	ATTENDEE REGISTRATION FORM AQUACULTURC AMERICA 2012 February 29 - March 2, 2012 – Las Vegas, Nevada on is preferred at www.was.org OR fax or mail both sides with payment.	Return address for payments in USD: AQUACULTURE AMERICA 2012 Conference Manager P.O. Box 2302 Valley Center, CA 92082 USA Tel: +1 760 751 5005 Fax: +1 760 751 5003 Email: worldaqua@aol.com
Onnie registratie		
	PLEASE PRINT CLEARLY OR TYPE ALL REQUESTED INFORMATION	
BADGE INFORMATION: (As you want your name badge to read – No titles, please)	
First Name	SURNAME (FAMILY NAME)	
Company or Institution	(Limited to 40 Letters & Spaces)	
City	State/ProvCountry_	

MAILING INFORMATION:	Email
	(<i>please</i> include email address)
Postal Address	- · ·

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City		State / Prov	Postal Code	Country				
Phone		Fax		Title: (circle one)	Dr.	Mr.	Ms.	Mrs.
-	(Include country and city code)		(Include country and city code)					

REGISTRATION FEES: In order to receive the discount rates as listed below, this form and payment must be received by the date listed. See brochure for what is included in registration fees.

TYPE OF REGISTRATION	Register by	Register by	Register after	* To qualify for Member	
the Appropriation					
ASSOCIATION MEMBER RATE*	US\$ 395	US\$ 555	US\$ 655	Memberships section	
STUDENT MEMBER RATE* Include copy of Student I.D.	US\$ 195	US\$ 195	US\$ 265	on the reverse side.	
Non-Member Rate	US\$ 530	US\$ 660	🗌 US\$ 755	Trade Show is <u>included</u>	
Student Non-Member Rate Include copy of Student I.D.	US\$ 275	US\$ 275	US\$ 325	in the Full Conference Registration Rate.	
You can join WAS on the reverse side and use the Member Rate.					
Spouse Rate				TOTAL REGISTRATION FEE	
Name	US\$ 315	US\$ 375	US\$ 425	US\$	
TRADE SHOW PASS	1	(Trade sho	w pass is included with the F	ull Conference Registration)	
Good for 3 days admission to exhibits only – Februa	rty 29, March 1, 2	US\$ 50	TOTAL TRADE SHOW PASS	US\$	
PROFESSIONAL DEVELOPMENT/CON		WORKSHOP			
PROFESSIONAL DEVELOPMENT/CONTINUING EDUCATION WORKSHOP Students \$100 USAS/AFS members \$150 Non-members \$250 TOTAL WORKSHOP US\$					
MEMBERSHIP DUES – Enter amount from M	embership Application on oth	ner side if applicable.	TOTAL MEMBERSHIP DUES	US\$	
Do not mail registration after Feb. 10, 2012 or fax after Feb. 25. After Feb 15, bring this form with you to register at the show.					
Registration Confirmation and Receipt will be emailed after processing.					
CANCELLATION POLICY: Cancellation of registration must be received - in writing - no later than January 28, 2012. Refunds for registration fees will be subject to a 20% handling fee. Refunds are processed after the conference. No refund will be made for cancellations received after January 28, 2012 or for "no shows". After January 28, 2012, no refunds will be made for professional or personal emergencies, flight cancellations, denied visa, weather related cancellation or other travel emergencies. Fees for memberships are non-refundable.					
PAYMENT METHOD: All fees must be pa	id to the order of AQUACULT	URE AMERICA 2012.	For bank transfer de	etails, contact us.	
Check #	Visa Masterc	ard 🗌 American Ex	kpress 🗌 Discover	Diners Club	
Card #			Expiration Date		
Name on Card	Date	Signatu	re		
Credit Card Billing Address					

REGISTRATION FORM - SIDE 2

Name

ASSOCIATION MEMBERSHIPS: Please check all boxes for associations for which you are a <u>current</u> member. Membership in any of those associations qualifies you for the Member Rate* on the Registration Fees. You can join an association at any time before registering to qualify for the Member Rate.

American Tilapia Association Korean Aquaculture Society American Veterinary Medical Association Korea Chapter, WAS Latin American & Caribbean Chapter WAS Aquaculture Association of Canada Malaysian Fisheries Society Aquacultural Engineering Society National Aquaculture Association Aquaculture Association of Canada National Aquaculture Council of Australia Aquaculture Without Frontiers National Association of State Aquaculture Coordinators Asian Fisheries Society Sociedad Brasiliera de Acuicultura Asian-Pacific Chapter WAS Society of Aquaculture Professionals Catfish Farmers of America Spanish Aquaculture Association China Society of Fisheries Sociedad Brasiliera de Acuicultura Egyptian Aquaculture Society Striped Bass Growers Association European Aquaculture Society US Marine Shrimp Association □ Fish Culture Section - AFS US Chapter of WAS (USAS) Global Aquaculture Alliance US Trout Farmers Association □ Indonesian Aquaculture Society World Aquaculture Society (WAS) □ International Assn of Aquaculture Economics and Momt Zebrafish Husbandry Association □ IAFI – The Intn'l Assn of Seafood Professionals MEMBERSHIP APPLICATIONS □ NEW APPLICATION **RENEWAL**

NATIONAL AQUACULTURE ASSOCIATION (NAA)

For details on the different types of memberships and options, please contact the NAA home office at:

Individual Memberships: Individuals, growers, partnerships and corporations who engage in the practice of and who derive a portion of their income from aquaculture. Individual members nominate and elect four board members for three-year terms.

_____ Individual: \$250

_____ Silver: \$1,000 to \$2,499

_ Gold: \$2,500 to \$4,999

Fees for memberships are non-refundable.

Platinum: \$5,000 and above

For membership information on State Associations and Species Associations, call for details. Web: www.nationalaquaculture.org

Total Amount for NAA Membership USD

Please enter this amount under "Membership Dues" section on opposite side of this form.

WORLD AQUACULTURE SOCIETY (WAS) APPLICATION www.was.org

For details on the different types of memberships and options, please contact the WAS home office at

Tel: +1-225-578-3137 Fax: +1-225-578-3493 Email: judya@was.org

MEMBERSHIP CATEGORY: (Indicate only one)

- □ Individual (Electronic JWAS) (USD 65/yr) Applies to an individual only
- Individual (Printed JWAS) (USD 85/yr) Applies to an individual only
- Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professor required)
- Student (Printed JWAS) (USD 65/yr) (Copy of Student ID or Signature of Professor required)
- Sustaining (Electronic JWAS) (USD 105/yr) Applies to any <u>one</u> individual from a company
- Sustaining (Printed JWAS) (USD 125/yr) Applies to any <u>one</u> individual from a company
- Corporate (Electronic JWAS) (USD 255/yr) Allows all employees of one company to attend meeting at Member Rate 🛛 Japan (USD 5)
- Corporate (Printed JWAS) (USD 275/yr) Allows <u>all</u> employees of <u>one</u> company to attend meeting at Member Rate
- □ Lifetime (Electronic JWAS only) (USD 1100/yr) Applies to an individual only
- E membership (USD 10/yr) Full access to the WAS website and Member's Area. Chapter membership not included. No member discount on conferences. Printed publications not included. Cannot have been a regular member in the last five

Printed publications not included. Cannot have been a regular member in the last five years.

Fees for memberships are non-refundable.

Total Amount for WAS Membership USD

Please enter this amount under "Membership Dues" section on opposite side of this form.

None

CHAPTER OPTIONS:

Asian Pacific (USD 5)

Korea (USD 5)

categories at left)

(Must have active membership in one of the

Please mark the Chapter you choose that is

chapters by adding USD 5 per extra chapter. *If you mark none, you can deduct USD 5.*

Latin American/Carribean (USD 5)

United States (USAS) (USD 5)

included in your dues above. You can join more

For membership in other associations, please contact them directly.

If you need a phone number, contact the Conference Manager (+1-760-751-5005).

MANY OPPORTUNITIES FOR FARM TOURS

The Next Generation of Statistics in Aquaculture -Mixed Models and Generalized Linear Mixed Models (GLMM): A workshop using SAS® PROC GLIMMIX with real data examples.

February 28, 2012

8:00am - 5:00pm

Instructor: Dr. Walter Stroup, Department of Statistics, University of Nebraska, Lincoln, NE.

Workshop Description: The statistical tools available in the agricultural and natural resource sciences have progressed from basic t-tests to ANOVA to Mixed Models and now Generalized Linear Mixed Models. Generalized and Mixed Model applications are now available in a myriad of statistical software packages, SAS Proc GLIMMIX being the most flexible and widely applicable. This workshop will serve as an introduction to mixed models, focusing on their application in aquaculture. Topics for discussion in the workshop will be: Review and definition of fixed, random, and mixed models; how mixed model analysis builds upon and how it differs from previous generations of statistical analysis (why do mixed models matter?); statistical models for common applications including split-plot experiments and designs with repeated measures; how statistical analysis differs for normal and nonnormal distribution of responses; and mixed model concepts of power, precision, and sample size essential for planning experiments. All topics will be discussed using real data examples from aquaculture and related disciplines. While mixed models may be implemented with numerous software packages, this workshop will focus on the GLIMMIX procedure in the SAS software suite. The workshop is lecture-based so laptop computers are not necessary for attendance. Prior to the workshop, participants will be provided a packet of workshop materials used during the course that will include lecture materials and applicable data and code.

Cost: \$100 Students \$150 USAS/AFS members \$250 Non-members

TRAVEL

Special car rental fares have been arranged with AVIS. you can make reservations at 800-331-1600 or +1-918-624-4338 and mention the special discount code #J770126.

Special airfares are available. For the best airfares, contact: Flight Coordinators for details at: Tel: 1-800-544-3644 or +1-310-581-5600 Fax: +1-310-581-5620 Email: globaltc@gte.net

HOTELS

We have arranged for a fantastic rate at the Paris Las Vegas for Aquaculture America 2012! Be sure to mention Aquaculture America 2012 to get the very special rate of \$149-169. Contact the hotel directly for your reservation:

Tel: 1-800-634-3434 use Special Code SPAQU2

Web:

http://www.harrahs.com/CheckGroupAvailability.do?propCode=PLV &groupCode=SPAQU2





www.was.org



TENTATIVE SCHEDULE

Tuesday, February 28

Registration Open	11:00am -	5:30pm
Exhibitor Move-in	11:00am -	6:00pm
Poster Set-up	1:00pm -	5:30pm

Wednesday, February 29

Registration Open	7:30am - 5:00pm
Plenary Session	8:30am - 10:00am
Exhibitor Move-in	8:00am - 10:00am
Poster Set-up	8:00am - 10:00am
Refreshment Break	10:00am - 11:00am
Trade Show & Posters Open	10:00am - 6:00pm
Sessions	11:00am - 12:30pm
Lunch (On your own)	12:30pm - 1:30pm
Sessions	1:30pm - 3:00pm
Refreshment Break	3:00pm - 3:30pm
Sessions	3:30pm - 5:00pm
Happy Hour	5:00pm - 6:00pm
Presidents Reception	6:00pm - 9:00pm

Thursday, March 1

Registration Open Sessions Refreshment Break Sessions Trade Show Lunch (On your own) Sessions Poster Session Happy Hour NAA Auction Student Reception

8:00am - 5:00pm 8:30am - 10:00pm 10:00am - 10:30am 10:30pm - 12:30pm 10:00am - 6:00pm 12:30pm - 1:30pm 1:30pm - 4:30pm 4:30pm - 6:00pm 4:30pm - 6:00pm 6:00pm - 8:00pm 7:00pm - 9:00pm

Friday, March 2

Registration Open	8:00am - 3:00pm
Sessions	8:30am - 10:00am
Trade Show	10:00am - 4:00pm
Refreshment Break	10:00am - 11:00am
Sessions	(11:00am - 12:30am)
Lunch (On your own)	12:30pm - 1:30pm
Sessions	1:30pm - 3:00pm
Refreshment Break	3:00pm - 3:30pm
Exhibitor Move-out	3:30pm - 7:00pm
Sessions	3:30pm - 5:30pm
Closing Happy Hour	5:30pm - 6:30pm

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