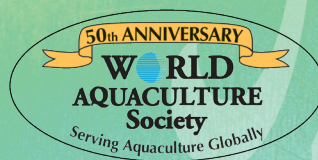


# Aquaculture 2019

Aquaculture - The Big Easy Choice!



**March 7 - 11, 2019**  
**New Orleans Marriott**  
**New Orleans, Louisiana**



**NATIONAL**  
**Aquaculture**  
ASSOCIATION

## CO-SPONSORS



## ASSOCIATE SPONSORS

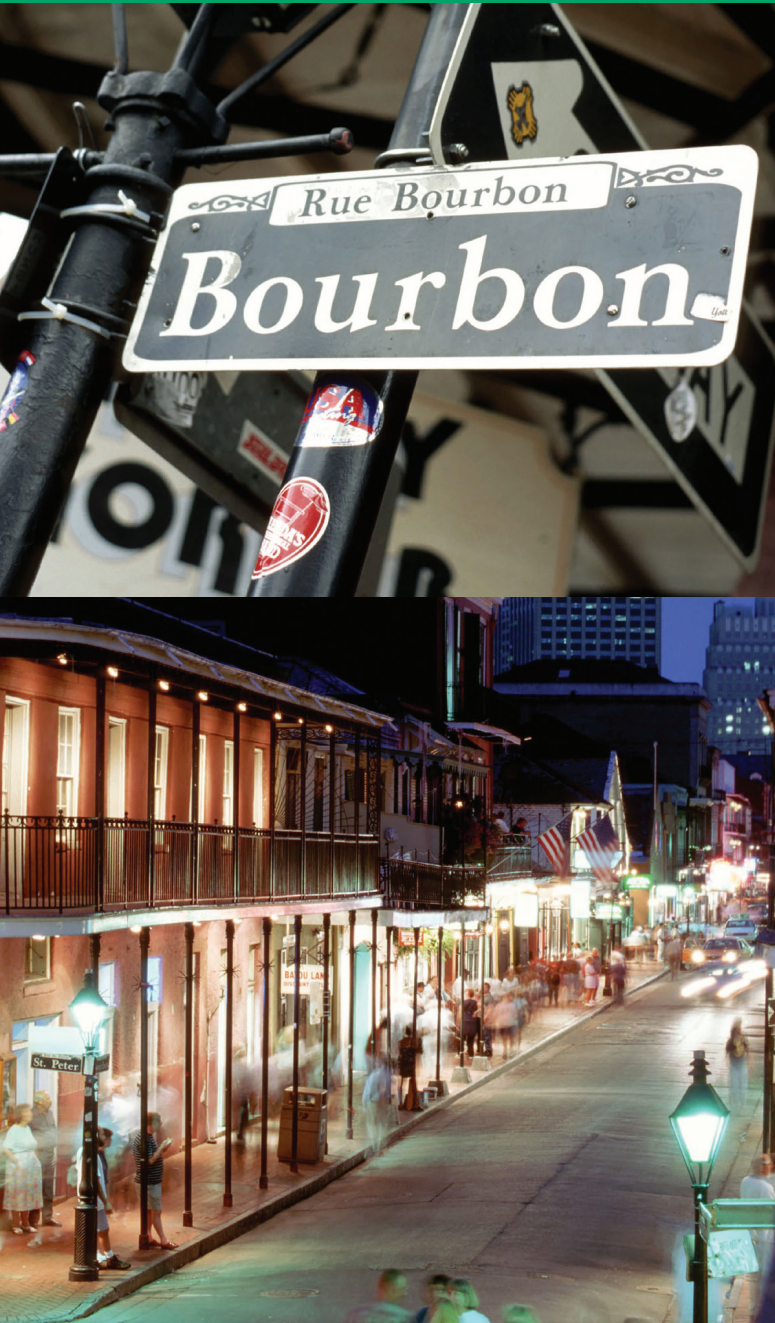
American Veterinary Medical Association  
America's Tilapia Alliance  
Aquacultural Engineering Society  
Aquaculture Association of Canada  
Aquaculture Feed Industry Association  
California Aquaculture Association  
Catfish Farmers of America  
Global Aquaculture Alliance

International Association of Aquaculture  
Economics and Management  
Latin America & Caribbean Chapter WAS  
US Shrimp Farming Association  
US Trout Farmers Association  
World Aquatic Veterinary Medical Association  
Zebrafish Husbandry Association





# THE TRIENNIAL RETURNS TO NEW ORLEANS



## AQUACULTURE 2019

Every three years, the Triennial is held somewhere in the United States. In 2019, the Triennial visits The Big Easy!

## THE TRIENNIAL IS THE LARGEST AQUACULTURE MEETING IN THE WORLD!

The Triennial is the largest aquaculture conference and tradeshow held in the world with nearly 4000 attendees from over 90 countries and even more countries are expected to have attendees at AQUACULTURE 2019. The Triennial combines the annual meetings of the World Aquaculture Society, National Shellfisheries Association, Fish Culture Section of the American Fisheries Society, and the National Aquaculture Association. In addition to the annual meetings of the main sponsors, look what else is happening at AQUACULTURE 2019!

- AQUACULTURE AMERICA - Annual Meeting of the U.S. Chapter of World Aquaculture Society, the National Aquaculture Association, and the U.S. Aquaculture Suppliers Association.
- Annual Meeting of the American Tilapia Association
- Annual Meeting of the Striped Bass Growers Association
- Annual Meeting of the U.S. Trout Farmers Association
- Special sessions organized by Aquacultural Engineering Society and International Association of Aquaculture Economics and Management
- Many other meetings of working groups, government agencies and related aquaculture activities
- Program with technical sessions and producers seminars covering virtually all species grown by aquaculture
- AND - look at all of the Associate Sponsors who are participating in the program development!

The last Triennial was held in 2016 in Las Vegas where it was pronounced a huge success by the nearly 3000 people who attended. Don't miss this Triennial!



## WAS CELEBRATES 50th ANNIVERSARY

Come celebrate the 50th anniversary of The World Aquaculture Society (WAS) at Aquaculture 2019. Since its establishment in 1969, WAS has grown to an organization with over 3000 members in 100 countries. Through its commitment to excellence in science, technology, education, and information exchange, WAS serves to advance the progressive and sustainable development of aquaculture throughout the world. As the society turns 50, members will gather together to celebrate Aquaculture and the accomplishments of the WAS. New Orleans is one of the greatest cities in the world for a party and the planned birthday celebrations are not to be missed.



# JOIN US AT THE TRIENNIAL, AQUACULTURE 2019

**AQUACULTURE 2019** 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, and entertainment sites in New Orleans.

## EXPANDED PRODUCER PROGRAM

The Triennial is known for the high quality of its Producer Program organized by National Aquaculture Association. AQUACULTURE 2019 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.

## PRODUCER TOPICS

Aquatic Animal Drug Approval  
Aquatic Animal Health and Welfare  
Environmental Issues  
Farm Energy Cost Reduction  
Farm Planning and Management Tools: Design, Production and Farm/Firm  
Federal Agency Town Hall Meeting  
Feed, Feeding and Feed Ingredients  
Marketing and Promotion  
Offshore Aquaculture  
Regulatory Costs  
Remote Sensing: Farm and Environment  
Science and Public Policy  
Start Up Aquaculture  
Women in Aquaculture

## A CRITICAL TRADE SHOW FOR AQUACULTURISTS!

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 2019 is the place to do it!

## TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

The Triennial Sponsors 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 world. Sample topics will include:

Shrimp	Fish Physiology
Shrimp Nutrition	Larval Finfish
Shrimp Health & Disease	Eels
Shellfish Disease	Finfish Breeding, Genetics, Genomics
Finfish Disease	Striped Bass & Hybrids
Finfish Nutrition	Dermo
Shellfish Nutrition	Probiotics and feed additives
Marine Finfish	Therapeutic drugs
Aquaculture Engineering	Vibrio
Zebrafish	Biosecurity
Aquaponics	Probiotics in aquaculture
Tuna	Nutraceuticals
Open Ocean Aquaculture	Biotechnology
IMTA / Integrated Aquaculture	Stock Enhancement
Biofouling	Broodstock propagation and management
Conservation / Restoration	Fish transport
Aquaculture (fish and shellfish)	Hatchery technology
Disaster Relief	Recirculation technology
Sea Lice	Freshwater Pond Aquaculture
GMO Fish and Shellfish	Recreational and ornamental pond management
Consumer Perceptions of Farm-raised Seafood	Small scale aquaculture
History of Aquaculture	Urban aquaculture
Mussels	Artemia
Scallops	Harmful algal blooms
Oysters	Law and Policy
Clams	Aquaculture Without Frontiers
Abalone	Aquaculture education (including minority institutions)
Geoducks	Market driven aquaculture: developing and sustaining an industry
Pearl oysters	Aquaculture Economics
Freshwater mussels	Ecology & Environment
Tridacna	Policy & regulations
Shellfish genomics	Organic Aquaculture: Future Opportunities
Post harvest shellfish treatment	Certification
Sea Urchins	Endangered species
Macrobrachium	Frogs
Crustaceans	Water Quality & Effluents
Tilapia	Extension/Technology Transfer
Catfish	Feeds
Largemouth bass	Latin American and Caribbean Aquaculture
Sturgeon	Fish Oil
Gar, paddlefish and bowfin	
Percids	
Finfish genetics	
Pond fertilization and fish larvaeculture	
Ornamentals	
Mullet	



# CALL FOR PAPERS – DEADLINE: August 31, 2018

**AQUACULTURE 2019 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 2019 cannot subsidize registration fees, travel or hotel costs.**

**No Abstract Book will be printed – a USB with Abstract Book will be given out and they will be available online.**

## 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 presenting author's 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.

**1 inch margin (2.54 cm)**

**EVALUATION OF JUVENILE AUSTRALIAN RED CLAW CRAYFISH *Cherax quadricarinatus* FED PRACTICAL DIETS WITH AND WITHOUT SUPPLEMENTAL LECITHIN AND/OR CHOLESTEROL**

Laura A. Muzinic\*, Kenneth R. Thompson, Tracey Christian, Carl D. Webster, Lukas Manomaitis, and David B. Rouse

Aquaculture Research Center  
Kentucky State University  
Frankfort, KY 40601  
lmuzinic@csr.net

Red claw crayfish (*Cherax quadricarinatus*) are one of more than a hundred species of Australian freshwater crayfish. However, because of its rapid growth rate, ease of spawning, wide tolerance, and dissolved oxygen tolerance, and lack of a larval stage, red claw may be the best candidate for aquaculture in the United States. Red claw are only being investigated as an aquaculture species in this country and no information exists on their nutritional requirements and practical diet formulations. Many crustaceans require lecithin and cholesterol to be added to their diet, these two nutrients are usually expensive; however, lecithin and cholesterol are very expensive. Since diet costs can be as much as 70% of the total expenses for an aquaculture enterprise, it is imperative that the least expensive diet be determined that meets the nutrient requirements of the species. The present study was conducted to determine if cholesterol or lecithin needs to be added to a practical diet for red claw crayfish.

TABLE 1. Formulation of experimental diets fed to red claw crayfish.

	Diet			
	1	2	3	4
Menhaden FM	25.0	25.0	25.0	25.0
Soybean Meal	35.0	35.0	35.0	44.5
Lecithin	0.5	0.0	0.5	0.0
Cholesterol	1.0	1.0	0.0	0.0
Other	38.5	39.0	39.5	30.5

TABLE 2. Final weight, percentage weight gain, specific growth rate (SGR), and percentage survival of red claw crayfish fed four practical diets. Means in a column with different letters were significantly different ( $P < 0.05$ )

	Diet			
	1	2	3	4
Final weight (g)	6.97a	6.00a	3.64b	5.11a
Weight gain (%)	3384a	2897a	1717b	2454a
SGR (%/day)	5.74a	5.66a	4.68b	5.41a
Survival (%)	76.0	64.0	56.0	80.0

After 8 weeks, red claw crayfish fed a practical diet without cholesterol (Diet 3) had significantly ( $P < 0.05$ ) lower final weight, percentage weight gain, and specific growth rate (SGR) compared to crayfish fed all other diets (Table 2). These results indicate that a practical diet containing 2% cod liver oil and 1% corn oil and having no lecithin appears to be sufficient and that lecithin may not be necessary for juvenile red claw diets.

**1 inch margin (2.54 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@was.org or Fax: +1-760-751-5003**



# ATTENDEE REGISTRATION FORM

## Aquaculture 2019

**March 7-11, 2019 – New Orleans, Louisiana**

**Return address for payments in USD:**  
**AQUACULTURE 2019**  
 Conference Manager  
 P.O. Box 2302  
 Valley Center, CA 92082 USA  
 Tel: +1 760 751 5005  
 Fax: +1 760 751 5003  
 Email: [worldaqua@was.org](mailto:worldaqua@was.org)

**Online registration is preferred at [www.was.org](http://www.was.org) OR fax or mail both sides with payment. Use one form per person.**

PLEASE PRINT CLEARLY OR TYPE ALL REQUESTED INFORMATION		
<b>BADGE INFORMATION:</b> (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/Prov _____	Country _____

**MAILING INFORMATION:** Email \_\_\_\_\_  
 (please include email address)

Postal Address \_\_\_\_\_

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 January 21, 2019	Register by February 15, 2019	Register after February 15, 2019	
<b>FULL CONFERENCE &amp; TRADE SHOW</b> In order to receive the Pre-Registration discount rate, this form and payment must be received by the date above				
<b>MEMBER RATE*</b> <b>STUDENT MEMBER RATE*</b> Include copy of Student I.D.	<input type="checkbox"/> US\$ 475 <input type="checkbox"/> US\$ 250	<input type="checkbox"/> US\$ 575 <input type="checkbox"/> US\$ 250	<input type="checkbox"/> US\$ 675 <input type="checkbox"/> US\$ 315	* To qualify for Member Rate you <u>must</u> complete the Association Memberships section on the reverse side.  ● ● ● ● ● ● ● ●  Trade Show is <u>included</u> in the Full Conference Registration Rate.
<b>Non-Member Rate</b> <b>Student Non-Member Rate</b> Include copy of Student I.D. <i>You can join WAS on the reverse side and use the Member Rate.</i>	<input type="checkbox"/> US\$ 570 <input type="checkbox"/> US\$ 320	<input type="checkbox"/> US\$ 670 <input type="checkbox"/> US\$ 320	<input type="checkbox"/> US\$ 770 <input type="checkbox"/> US\$ 390	
<input type="checkbox"/> <b>Spouse Rate</b> – must accompany a full registration Name _____	<input type="checkbox"/> US\$ 375	<input type="checkbox"/> US\$ 435	<input type="checkbox"/> US\$ 535	<b>TOTAL REGISTRATION FEE</b>  <b>US\$</b>
<b>TRADE SHOW PASS</b> (Trade show pass is included with the Full Conference Registration) Good for 3 days admission to exhibits only – March 8, 9, 10 <input type="checkbox"/> US\$ 50 <b>TOTAL TRADE SHOW PASS</b> US\$ _____				
<b>WORKSHOPS all on March 7 – choose only one</b> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Commercial Aquaponics Workshop  <input type="checkbox"/> Best Aquaculture Practices Workshop  <input type="checkbox"/> Water Quality Workshop         </div> <div> <input type="checkbox"/> Non-member \$300  <input type="checkbox"/> USAS Member \$150  <input type="checkbox"/> USAS Student \$75         </div> </div> <div style="text-align: right;"> <b>WORKSHOP</b> US\$ _____       </div>				
<b>MEMBERSHIP DUES</b> – Enter amount from Membership Application on other side if applicable.			<b>TOTAL MEMBERSHIP DUES</b> US\$ _____	
<b>Do not mail registration after Jan. 31, 2019 or fax after Feb. 20, 2019.</b> <b>After Feb 15, bring this form with you to register at the show.</b>			<b>➔ TOTAL AMOUNT US\$</b> _____	

**Registration Confirmation and Receipt will be emailed after processing.**

**CANCELLATION POLICY:** Cancellation of registration must be received - in writing - no later than February 1, 2019. 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 February 1, 2019 or for "no shows". After February 1, 2019, 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 paid to the order of **AQUACULTURE 2019**.

☐ Check # \_\_\_\_\_
 ☐ Visa
 ☐ Mastercard
 ☐ American Express
 ☐ Discover
 ☐ Diner's Club

Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_ Sec. Code \_\_\_\_\_

Name on Card \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_

For bank transfer details, contact us.

## REGISTRATION FORM - SIDE 2



Name \_\_\_\_\_

**ASSOCIATION MEMBERSHIPS:** Please check all boxes for associations for which you are a current 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.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Americas Tilapia Alliance               | <input type="checkbox"/> European Aquaculture Society                                | <input type="checkbox"/> National Shellfisheries Association          |
| <input type="checkbox"/> American Veterinary Medical Association | <input type="checkbox"/> Fish Culture Section - AFS                                  | <input type="checkbox"/> Sociedad Brasileira de Acuicultura           |
| <input type="checkbox"/> Aquacultural Engineering Society        | <input type="checkbox"/> Global Aquaculture Alliance                                 | <input type="checkbox"/> Society of Aquaculture Professionals (India) |
| <input type="checkbox"/> Aquaculture Association of Canada       | <input type="checkbox"/> IAFI The International Association of Seafood Professionals | <input type="checkbox"/> South African Aquaculture Society            |
| <input type="checkbox"/> Aquaculture Association of South Africa | <input type="checkbox"/> Indonesian Aquaculture Society                              | <input type="checkbox"/> Spanish Aquaculture Association (SEA)        |
| <input type="checkbox"/> Aquaculture Without Frontiers           | <input type="checkbox"/> Korean Aquaculture Society                                  | <input type="checkbox"/> Striped Bass Growers Association             |
| <input type="checkbox"/> Asian Fisheries Society                 | <input type="checkbox"/> Korean Society of Fisheries and Sciences (KOSFAS)           | <input type="checkbox"/> US Trout Farmers Association                 |
| <input type="checkbox"/> California Aquaculture Association      | <input type="checkbox"/> Malaysian Fisheries Society                                 | <input type="checkbox"/> World Aquaculture Society                    |
| <input type="checkbox"/> China Society of Fisheries              | <input type="checkbox"/> National Aquaculture Association                            | <input type="checkbox"/> World Aquatic Veterinary Medical Association |
| <input type="checkbox"/> Egyptian Aquaculture Society            |  | <input type="checkbox"/> Zebrafish Husbandry Association              |

### MEMBERSHIP APPLICATIONS

☐ NEW APPLICATION

☐ RENEWAL

### NATIONAL SHELLFISHERIES ASSOCIATION

For details on the different types of memberships and options please contact the NSA office at:

Web: [www.shellfish.org](http://www.shellfish.org)

#### MEMBERSHIP CATEGORY: (Indicate only one)

- ☐ **Regular** (USD 95/yr)      ☐ **Student** (USD 50/yr)
- ☐ **Sustaining** (USD 200/yr)

\_\_\_\_\_  
*Signature of Professor or copy of Student ID required*

**Total Amount for NSA Membership**    **USD** \_\_\_\_\_

*Includes subscription to the **Journal of Shellfish Research***

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

### FISH CULTURE SECTION OF AMERICAN FISHERIES SOCIETY

- ☐ **FCS Membership for Current AFS members** \$5.00
- ☐ **Affiliate FCS membership for non-AFS members** \$15.00

Join or pay your membership dues online at [fishculture.fisheries.org](http://fishculture.fisheries.org)

### WORLD AQUACULTURE SOCIETY (WAS) APPLICATION

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

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

Tel: +1-225-347-5408    Fax: +1-225-347-5408    Email: [judya@was.org](mailto:judya@was.org)

#### MEMBERSHIP CATEGORY: (Indicate only one)

- ☐ **Individual** (Electronic JWAS) (USD 65/yr) Applies to an individual only
- ☐ **Individual** (Printed JWAS) (USD 110/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 90/yr) (Copy of Student ID or Signature of Professor required)
- ☐ **Sustaining** (Electronic JWAS) (USD 105/yr) Applies to any one individual from a company
- ☐ **Sustaining** (Printed JWAS) (USD 150/yr) Applies to any one individual from a company
- ☐ **Corporate** (Electronic JWAS) (USD 255/yr) Allows all employees of one company to attend meeting at Member Rate
- ☐ **Corporate** (Printed JWAS) (USD 300/yr) Allows all employees of one company to attend meeting at Member Rate
- ☐ **Lifetime** (Electronic JWAS only) (USD 1000 with no chapter) Applies to an individual only
- ☐ **Lifetime** (Electronic JWAS only) (USD 1100 with one chapter) Applies to an individual only

#### CHAPTER OPTIONS:

One chapter included in membership. Mark the chapter you choose.

- ☐ **Asian Pacific**
- ☐ **Korea**
- ☐ **Latin American/Caribbean**
- ☐ **United States (USAS)**
- ☐ **None** (deduct USD 5)

You can add extra Chapters for USD 5

**Total Amount for WAS Membership**    **USD** \_\_\_\_\_

*Fees for memberships are non-refundable.*

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

### NATIONAL AQUACULTURE ASSOCIATION (NAA)

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

Tel: +1-850-216-2400    Fax: +1-850-216-2480    Email: [naa@thenaa.net](mailto:naa@thenaa.net)    Web: [www.thenaa.net](http://www.thenaa.net)

*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

## FARM TOURS

The U.S. Aquaculture Society is offering 3 Continuing Education workshops at the upcoming Aquaculture 2019 meeting in New Orleans, LA. See links below for more information:

**Date:** March 7, 2019

**Time:** 8:30 am - 4:30 pm

**Cost:** \$300 for non-USAS members, \$150 for USAS members and \$75 for USAS student members.

### Commercial Aquaponics Workshop

Global demand for high quality proteins and vegetables has made aquaponics a viable option. With increased interest in these growing methods, it is difficult to find information and courses that are provided by proven commercial instructors. The U.S. Aquaculture Society, Auburn University and commercial producers have teamed up to host a full-day event.

### Best Aquaculture Practices (BAP) Workshop

BAP standards are scientific, rigorous and always evolving and encompass the entire aquaculture production chain, including farms, processing plants, hatcheries and feed mills. The U.S. Aquaculture Society has teamed up with experts from GAA and BAP for a full day workshop of BAP principals and every key element of responsible aquaculture, including environmental responsibility, social responsibility, food safety, animal welfare, traceability, and more.

### Water Quality Workshop

Regardless of the type of aquaculture system, good water quality is essential for efficient production. The U.S. Aquaculture Society has teamed up with Dr. Claude Boyd of Auburn University and Dr. Chris Good of The Conservation Fund's Freshwater Institute to bring you a great workshop on the basics of water chemistry and the practical aspects of pond and RAS water quality.

**Registration for the Commercial Aquaponics, BAP, or Water Quality workshops can be completed with registration for Aquaculture 2019 at [www.was.org](http://www.was.org), or by contacting John Cooksey at [admin@was.org](mailto:admin@was.org).**

## 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.

## HOTELS

We have arranged for fantastic rates at the Marriott New Orleans Hotel. The meeting will be in the Marriott New Orleans Hotel. You can reserve your room by phone or on their website.

Check the conference website for details.

## OUR FULL CONFERENCE REGISTRATION INCLUDES:

- Admission to all conference sessions and the trade show
- Admission to the receptions
- Conference Bag, Abstract USB, and Show Directory
- Refreshment Breaks and 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.

Only pre-registered attendees are guaranteed materials.

FOR MORE INFORMATION

# *Aquaculture 2019*

Conference Management Office

P.O. Box 2302

Valley Center, CA 92082 USA

Tel: +1-760-751-5005

Fax: +1-760-751-5003

Email: [worldaqua@was.org](mailto:worldaqua@was.org)

REGISTER EARLY AND \$AVE!



# TENTATIVE SCHEDULE

Trade Show  
Dates  
March  
8, 9, 10

## Thursday, March 7

Exhibit Set-up	10:00 – 6:00
Registration Open	12:00 – 6:00
Welcome Reception	6:00 – 8:00

## Friday, March 8

Registration Open	7:30 – 5:00
Opening Ceremonies & Plenary Session	8:30 – 10:00
Refreshment Break	10:00 – 11:00
Sessions	11:00 – 12:30
Trade Show Open	10:00 – 6:00
Lunch (on your own)	12:30 – 1:30
Sessions	1:30 – 5:00
Happy Hour & Posters	5:00 – 6:00
Student Reception & NSA Fundraiser	7:00 – 9:00

## Saturday, March 9

Registration Open	7:30 – 5:00
Sessions	8:30 – 10:00
Trade Show Open	10:00 – 6:00
Refreshment Break	10:00 – 10:30
Sessions	10:30 – 12:30
Lunch (on your own)	12:30 – 1:30
Sessions	1:30 – 5:00
Happy Hour & Posters	5:00 – 6:00
NAA Auction	6:00 – 8:00

## Sunday, March 10

Registration Open	7:30 – 5:00
Sessions	8:30 – 10:00
Trade Show Open	10:00 – 1:30
Refreshment Break	10:00 – 11:00
Sessions	11:00 – 12:30
Lunch (on your own)	12:30 – 1:30
Sessions	1:30 – 3:00
Refreshment Break	3:00 – 3:30
Sessions	3:30 – 5:30
Presidents Reception	6:30 – 8:30

## Monday, March 11

Registration Open	8:00 – 5:00
Sessions	8:30 – 10:00
Refreshment Break	10:00 – 10:30
Sessions	10:30 – 12:30
Lunch (on your own)	12:30 – 1:30
Sessions	1:30 – 3:00
Refreshment Break	3:00 – 3:30
Sessions	3:30 – 5:00
Closing Happy Hour	5:00 – 6:00

