# Aquaculture America 2020



Hawaí'í Aquaculture: A Tradítíon of Navígatíng wíth Innovatíon, Technology and Culture

February 9-12, 2020 Hawaii Convention Center Honolulu, Hawaii, USA

#### THE NATIONAL CONFERENCE & EXPOSITION OF



#### Associate Sponsors:

AFIA, Aquaculture Committee • Americas Tilapia Alliance • American Veterinary Medical Association Aquacultural Engineering Society • Aquaculture Association of Canada • Catfish Farmers of America Global Aquaculture Alliance • International Association of Aquaculture Economics and Management



### Aquaculture America 2020

### **Aquaculture America Moves Across the Pacific**

Aquaculture America combines the US Aquaculture Society, Chapter of WAS, National Aquaculture Association and the Aquaculture Suppliers Association as well as many other Aquaculture groups. Holding the meeting in Hawaii allows Aquaculture America to reach across the Pacific to share with aquaculture throughout the Asian Pacific region. Don't miss this meeting in Paradise!

#### HAWAII IS THE IDEAL LOCATION FOR A MEETING OF THIS IMPORTANCE!

Hawaii is a destination known and loved around the world. With the meeting in Waikiki on Oahu Island, you can almost walk out of your session and onto the beach! The Hawaii Convention Center is a beautiful convention facility capturing the beauty and charm of the islands with a superior meeting and exhibition space.

Be sure to schedule time before or after the conference to visit the other islands of Hawaii which are very much less developed and offer a wide variety of different forms of Paradise! Whether your interest is volcanoes, nightlife, beaches, lush forests, sports, ocean activities or even the stars - the islands of Hawaii can provide a fantastic, memorable experience. Be sure to visit Maui, Kuaui, Hawaii, Molokai or Lanai for the experience of a lifetime.

#### AQUACULTURE AMERICA 2020 HAS GREAT RATES AT HOTELS IN WAIKIKI

You will really be able to enjoy the meeting, the warm sun and beautiful beaches because we have some great rates for your stay in Hawaii! See the hotel details on the website.

#### AQUACULTURE AMERICA 2020 WILL HAVE ONE OF THE LARGEST TRADE SHOWS FOR AQUACULTURE!

Aquaculture America 2020 will draw on the Asia-Pacific region, Canada, USA, Latin America, Europe and the rest of the world to create one of the largest aquaculture trade shows in the world. The exhibition definitely will have one of the widest variety of products of any trade show ever. This is your opportunity to inspect the latest in products and services for the aquaculture industry.

TRADE	SHOW CAL	ENDAR
FEB	RUARY 2	2020
Monday	Tuesday	Wednesday
10	11	12

#### YOUR FULL CONFERENCE REGISTRATION INCLUDES:

- ★ Only pre-registered attendees are guaranteed materials
- Admission to all sessions, seminars and the trade show
- \* Admission to the Receptions
- Happy Hours on Tuesday and Wednesday
- Conference bag, Abstract Book and Show Directory (except for spouse)
- \* Refreshment Breaks
- \* 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

### FOR MORE INFORMATION:

AQUACULTURE AMERICA 2020 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

# CALL FOR PAPERS - DEADLINE: August 31, 2019

**AQUACULTURE AMERICA 2020 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 2020 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - a USB 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 in black print only. The reduced figures and tables should be included in the abstract in camera-ready form.



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

# **Aquaculture America 2020 Tentative Program**

Emerging issues in shrimp culture Shrimp genomics Shrimp health and disease Shrimp nutrition Shrimp production systems

Alternative/emerging feed ingredients Finfish breeding/Broodstock management Finfish genetics and genomics Fish nutrition - lipids Fish nutrition - protein Fish physiology Larval finfish nutrition Larval finfish physiology Larval finfish production Live feeds Nutrient requirements Pre/probiotics and feed additives Taurine

Advanced RAS technology Biosecurity Emerging disease concerns Fish transport Hatchery production and technology IMTA/3D aquaculture Pathogen Management Water quaility and effluent management

Aquaponics Bioflocs Certification processes (successes and concerns) Integrated aquaculture systems Organic aquaculture Urban aquaculture

Conservation/Restoration aquaculture (finfish) Conservation/Restoration Aquaculture (shellfish) Habitat Restoration Stock enhancement

Abalone Bass Catfish Clams Eels Flatfish Macroalgae Microalgae Mussels Ornamentals Oysters Pearl Oysters Salmonids Scallops Sea urchins Striped bass Tilapia Tuna and large pelagic species Zebrafish/Medaka

Biofouling Bioinformatics on non-model species Macroalgae Marine aquaculture "Metabolomics, lipidomics, proteomics, transcriptomics" Microalgae New and innovative technologies in aquculture Offshore aquaculture Transgenic applications and gene editing in aquaculture

Aquatic Veterinary Medicine Education Extension

Aquaculture of native peoples Coral and marine ornamentals Epigenetics Hawaii Institute of Marine Biology Hawaiian fish ponds National Energy Laboratory of Hawaii Authority (NELHA) Ostreid Herpesvirus Pacific Aquaculture & Coastal Resources Center Pacific Island aquaculture Sea Grant/NOAA Shellfish sanitation

Aquatic Animal Drug Approvals Aquatic Animal Health Environmental Issues Farm Energy Cost Reduction Federal Agency Town Hall Meeting Marketing and Promotion Regulatory Costs Science and Public Policy Start Up Aquaculture Women in Aquaculture

CAVE TIME!	ATTENDEE REGISTRATION FORM	<b>Retu</b> AQU Conf
Register Online	Aquaculture America 2020	P.O. I Valle <u></u> Tel: +
WWW	ັ February 9 - 12, 2020 – Honolulu, Hawaii	Fax: Emai

Return address for payments in USD: AQUACULTURE AMERICA 2020 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

Online registration is preferred at w	ww.was.org OR fax	or mail both sides	with payment. Use or	ne form per person.
PLEA	SE PRINT CLEARLY OR T	YPE ALL REQUESTED II	NFORMATION	
BADGE INFORMATION: (As you want your i	name badge to read – No t	titles, please)		
First Name	SUF	RNAME (FAMILY NAME)		
Company or Institution				
(Limited to 40 Lette				
City	State/	Prov	Country	
MAILING INFORMATION: Email				
( <u>please</u> inc Postal Address	lude email address)			
City	State / Prov	Postal Code	Countr	У
Phone	Fax			
(Include country and city code)		e country and city code)		
<b>REGISTRATION FEES:</b> In order to receive the brochure for what is included in registrational structure of the brochure for what is included in registration.		below, this form and pa	ayment must be received by	the date listed.
TYPE OF REGISTRATION FULL CONFERENCE & TRADE SHOW In order to receive the Pre-Registration discount rate, th	Register by January 7, 2020	Register by January 24, 2020	Register after January 24, 2020	* To qualify for Member Rate you <u>must</u> complete
ASSOCIATION MEMBER RATE*	US\$ 435			the Association Memberships section
STUDENT MEMBER RATE*		US\$ 535	US\$ 635	on the reverse side.
Include copy of Student I.D.	US\$ 225	US\$ 225	US\$ 290	
Non-Member Rate	US\$ 540	US\$ 640	US\$ 740	Trade Show is included
Student Non-Member Rate	US\$ 295	US\$ 295	US\$ 365	in the Full Conference
Include copy of Student I.D. You can join WAS on the reverse side and use the Member Rate.				Registration Rate. TOTAL REGISTRATION FEE
Spouse Rate	US\$ 335	US\$ 395	US\$ 495	US\$
Name				00¢
TRADE SHOW PASS (Trade show pass is in				LIC¢
Good for 3 days admission to exhibits only – Februa <b>MEMBERSHIP DUES</b> – Enter amount from N	-	US\$ 50	TOTAL TRADE SHOW PASS	US\$ US\$
FARM TOURS	rempership Application on ou	ner side il applicable.	TOTAL MEMBERSHIP DUES	039
			TOTAL FARM TOURS	US\$
WORKSHOPS				
Do not mail registration after Feb. 1, 20	120 or fax after Feb 1 20	20		US\$
After Feb 1, bring this form with you to	,		TOTAL AMOUNT US	S\$
<b>Registration Confirm</b>	ation and Rec	eipt will be o	emailed after p	processing.
CANCELLATION POLICY: Cancellation of registration 20% handling fee. Refunds are processed after the January 19, 2020, no refunds will be made for profe emergencies. Fees for memberships are non-refund	n must be received - in writing conference. No refund will b essional or personal emergene	g - no later than January 19 e made for cancellations re	9, 2020. Refunds for registratic aceived after January 19, 2020 o	on fees will be subject to a or for "no shows". After
PAYMENT METHOD: All fees must be pa	id to the order of AQUACULT	TURE AMERICA 2020.	For bank transfer de	tails, contact us.
Check #	Visa Master	card American	Express 🗌 Discover	Diners Club
Card #		Sec Code	Expiration Date_	_
Name on Card				
Credit Card Billing Address		_		

### **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 gualifies you for the Member Rate\* on the Registration Fees. You can join an association at any time before registering to gualify for the Member Rate.

MEMBERSHIPS:	U WAS	USAS 🗆	APC	🗅 Korean	LACC
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- □ African Chapter of WAS
- Americas Tilapia Alliance
- American Veterinary Medical Association
- □ AQUABIO
- Aguacultural Engineering Society
- Aquaculture Association of Canada
- Aquaculture Association of South Africa
- □ Aquaculture Feed Industry Association
- □ Aquaculture Without Frontiers
- Asian Fisheries Society
- China Society of Fisheries
- Egyptian Aquaculture Society
- European Aquaculture Society
- □ Fish Culture Section AFS
- Global Aquaculture Alliance

- IAFI The International Association of Seafood Professionals
- Indonesian Aquaculture Society □ Korean Aquaculture Society
- □ Korean Society of Fisheris and Sciences (KOSFAS)
- Malaysian Fisheries Society
- National Aquaculture Association
- National Shellfisheries Association
- Sociedad Brasileira de Acuicultura
- □ Society of Aquaculture Professionals (India)
- South African Aquaculture Society
- □ Spanish Aquaculture Association (SEA)
- □ Striped Bass Growers Association
- US Trout Farmers Association
- UWorld Aquatic Veterinary Medical Association
- Zebrafish Husbandry Association

#### **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:

#### Tel: +1-850-216-2400 Fax: +1-850-216-2480 Email: naa@thenaa.net Web: thenaa.net

Individual Memberships: Individuals, growers, partnerships and corporations who engage in the practice of and who derive a portion of their income from aquaculture. Silver, Gold and Platinum members also derive income from aquaculture, but wish to increase their support of the NAA.

Individual: \$250

Fees for memberships are non-refundable.

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

Silver: \$1,000 to \$2,499 Platinum: \$5,000 and above

#### **Total Amount for NAA Membership**

Fees for memberships are non-refundable.

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

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

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

- **Individual** (Electronic JWAS) (USD 65/yr) Applies to an individual only One chapter incuded in membership. Mark the chapter you choose. **Individual** (Printed JWAS) (USD 110/yr) Applies to an individual only □ Africa □ Individual (E Access) (USD 45/yr) Applies to an individual only □ Asian Pacific Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professor required) 🖵 Korea Student (Printed JWAS) (USD 90/yr) (Copy of Student ID or Signature of Professor required) Latin American/Carribean **Sustaining** (Electronic JWAS) (USD 105/yr) Applies to any <u>one</u> individual from a company United States (USAS) Sustaining (Printed JWAS) (USD 150/yr) Applies to any one individual from a company □ None (deduct USD 5) **Corporate** (Electronic JWAS) (USD 255/yr) Allows all employees of one company to attend meeting at Member Rate You can add extra Chapters for USD 5 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

**Total Amount for WAS Membership** USD

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

CHAPTER OPTIONS:

#### For membership in other associations, please contact them directly. If you need a phone number, contact the Conference Manager (+1-760-751-5005).

# Aquaculture America 2020 TOURS



### MANY OPPORTUNITIES FOR FARM TOURS

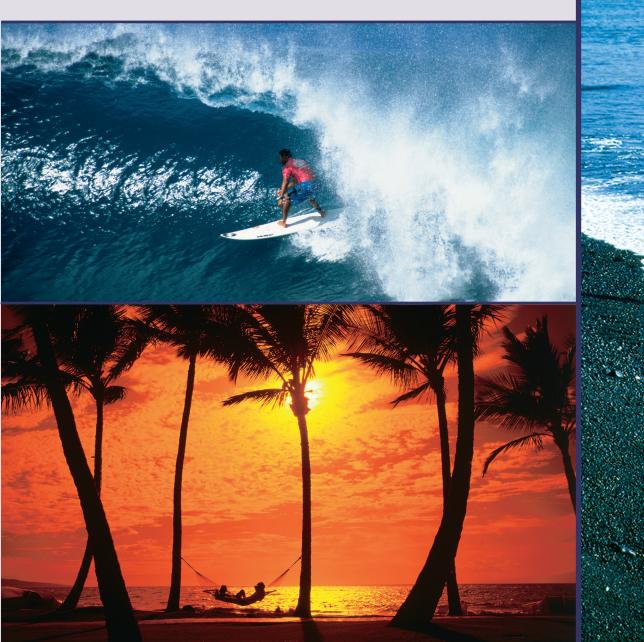
A number of tours will be organized on both Oahu and the Big Island, Hawaii. The details will be on the WAS website as they become ready.

### HOTEL

For hotel information see www.was.org

### TOURIST EXCURSIONS

There are many wonderful places to visit in Hawaii and things to do. The details and reservation contact information will be available soon on the WAS website.





# **TENTATIVE SCHEDULE**

### Sunday, February 9

<b>Registration Open</b>	12:00pm -	5:30pm
Exhibitor Move-in	10:00am -	6:00pm
Poster Set-up	1:00pm -	5:30pm
Welcome	6:00pm -	8:00pm

### Monday, February 10

7:30am - 5:00pm
8:30am - 10:00am
8:00am - 10:00am
8:00am - 10:00am
10:00am - 11:00am
10:00am - 6:00pm
11:00am - 12:30pm
12:30pm - 1:30pm
1:30pm - 3:00pm
3:00pm - 3:30pm
3:30pm - 5:00pm
5:00pm - 6:00pm
7:00pm - 9:00pm

### Tuesday, February 11

Registration Open	8:00am - 5:00pm
Sessions	8:30am - 10:00pm
Refreshment Break	10:00am - 10:30am
Sessions	10:30pm - 12:30pm
Trade Show	10:00am - 6:00pm
Lunch (On your own)	12:30pm - 1:30pm
Sessions	1:30pm - 4:30pm
Poster Session	4:30pm - 6:00pm
Happy Hour	4:30pm - 6:00pm
NAA Auction	6:00pm - 8:00pm
Student Reception	7:30pm - 9:00pm

### Wednesday, February 12

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

