# Aquaculture America 2020



Hawai'i Aquaculture: A Tradition of Navigating with Innovation,

Technology and Culture



THE NATIONAL CONFERENCE & EXPOSITION OF







PREMIER SPONSORS









#### **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



Hosted By: Hawaii Aquaculture & Aquaponics Association



#### **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.

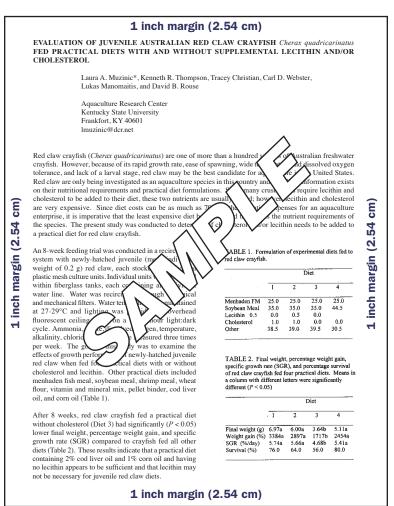
All presenters are required to pay their own registration accommodation and travel expenses. AQUACULTURE AMERICA 2020 cannot subsidize registration fees, travel or hotel costs.

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.



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:

### **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 finifsh 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

**Fels** 

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



#### **ATTENDEE REGISTRATION FORM**

## Aquaculture America 2020

February 9 - 12, 2020 - Honolulu, Hawaii

**Return address for payments in USD:** AQUACULTURE AMERICA 2020 Conference Manager P.O. Box 2302 F.U. 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	SE PRINT CLEARLY OR T			ne ioini pei peisoil.
BADGE INFORMATION: (As you want your i			INI UNIVIATIUN	
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First Name	SUF	RNAME (FAMILY NAME)	1	
Company or Institution	rs & Spaces)			
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City	State/	Prov	Country	
Postal Address(please inc	lude email address)			
City		Postal Code	Count	rv
Phone (Include country and city code)	Fax	e country and city code)	Title: (circle one)	Dr. Mr. Ms. Mrs
REGISTRATION FEES: In order to receive the				
See brochure for what is included in registrati		below, tills form and pa	tyment must be received by	the date listed.
TYPE OF REGISTRATION	Register by	Register by	Register after	* To qualify for Member
FULL CONFERENCE & TRADE SHOW	January 7, 2020	January 24, 2020	January 24, 2020	Rate you <u>must</u> complete
In order to receive the Pre-Registration discount rate, the ASSOCIATION MEMBER RATE*	US\$ 435	US\$ 535	US\$ 635	the Association  Memberships section
STUDENT MEMBER RATE*	US\$ 225			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 Include copy of Student I.D.	US\$ 295	US\$ 295	US\$ 365	in the Full Conference Registration Rate.
You can join WAS on the reverse side and use the Member Rate.				TOTAL REGISTRATION FEE
Spouse Rate				TOTAL REGISTRATION FEE
Name	US\$ 335	US\$ 395	US\$ 495	US\$
TRADE SHOW PASS (Trade show pass is in	ı ıcluded with the Full Confer	ence Registration)	11	<u> </u>
Good for 3 days admission to exhibits only – Februa	ıry 10 - 12	US\$ 50	TOTAL TRADE SHOW PASS	US\$
MEMBERSHIP DUES – Enter amount from N	lembership Application on ot	her side if applicable.	TOTAL MEMBERSHIP DUES	US\$
FARM TOURS			TOTAL FADA TOUDO	UCΦ
MODKEHODE			TOTAL FARM TOURS	US\$
WORKSHOPS			TOTAL WORKSHOPS	US\$
Do not mail registration after Feb. 1, 20	20 or fax after Feb. 1, 20	20.		
After Feb 1, bring this form with you to	register at the show.	7	TOTAL AMOUNT U	S\$
Registration Confirma	ation and Rec	eipt will be	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 profeemergencies. Fees for memberships are non-refunds.	conference. No refund will b ssional or personal emergen	e made for cancellations re	eceived after January 19, 2020	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	etails, contact us.
Check #	Visa Master	card American	Express Discover	Diners Club
		Sec Code_	 Expiration Date	
Name on Card	Date	Signat	ture	
Credit Card Billing Address		-		

#### **REGISTRATION FORM - SIDE 2**

Name	
ASSOCIATION MEMBERSHIPS: Please check all	qualifies you for the Member Rate* on the Registration
MEMBERSHIPS:	□ 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 □ World Aquatic Veterinary Medical Association □ Zebrafish Husbandry Association
WEWBERSHIP APPLICATIONS UNEW APPLICA	ATION U RENEWAL
	and options, please contact the NAA home office at:  Email: naa@thenaa.net Web: thenaa.net  and corporations who engage in the practice of and er, Gold and Platinum members also derive income NAA.  Silver: \$1,000 to \$2,499
Gold: \$2,500 to \$4,999	Platinum: \$5,000 and above
	nt for NAA Membership USD
WORLD AQUACULTURE SOCIETY ( For details on the different types of memberships ar  Tel: +1-225-578-3137 Fax: +1-225-5  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  Individual (Eaccess) (USD 45/yr) Applies to an individual only  Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professional Student (Printed JWAS) (USD 90/yr) (Copy of Student ID or Signature of Professional Sustaining (Electronic JWAS) (USD 105/yr) Applies to any one individual from a Corporate (Electronic JWAS) (USD 150/yr) Applies to any one individual from a Corporate (Printed JWAS) (USD 300/yr) Allows all employees of one company Lifetime (Electronic JWAS only) (USD 1000 with no chapter) Applies to an individual from the company of the	CHAPTER OPTIONS: One chapter incuded in membership. Mark the chapter you choose.  Africa Asian Pacific Sessor required) As a company company any to attend meeting at Member Rate of to attend meeting at Member Rate  To Topic Asian Pacific None (deduct USD 5)  You can add extra Chapters for USD 5
Fees for memberships are non-refundable.	Please enter this amount under "Membership Dues" section on opposite side of this form.

# **Aquaculture America 2020 TOURS**



#### MANY OPPORTUNITIES FOR FARM TOURS

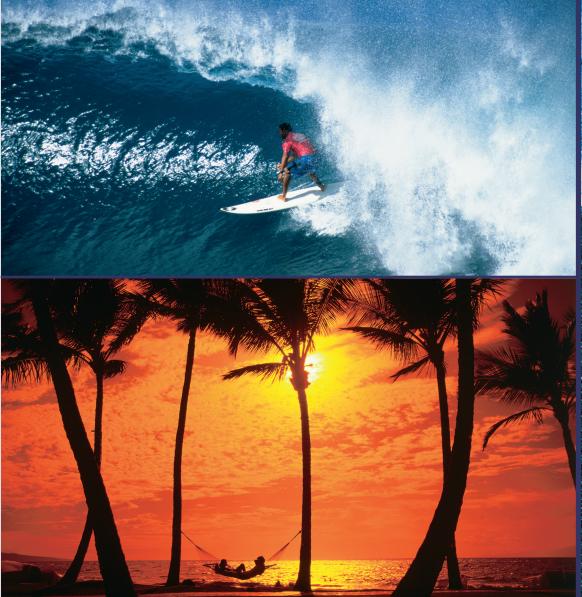
A number of tours will be organized on both Oahu and the Big Island, Hawaii. The details will be on the WAS website as they become ready.

#### 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

Registration Open	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

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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
Student Reception	6:00pm - 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
President's Receptio	n	7:00pm - 9:00pm

Wednesday, February 12

Wednesday, rebradry 12			
Registration	Open	8:00am -	3:00pm
Sessions		8:30am - 1	10:00am
Trade Show		10:00am -	4:00pm
Refreshment	Break	10:00am - 1	11:00am
Sessions		11:00am - 1	12:30am
Lunch (On yo	our own)	12:30pm -	1:30pm
Sessions		1:30pm -	3:00pm
Refreshment	Break	3:00pm -	3:30pm
Exhibitor Mo	ve-out	3:30pm -	7:00pm
Sessions		3:30pm -	5:30pm
Closing Happ	y Hour	5:30pm -	6:30pm

