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AQUACULTURE AMERICA 2021

AUGUST 11 - 14, 2021 SAN ANTONIO MARRIOTT RIVERCENTER SAN ANTONIO, TEXAS

SPONSORED BY:







WAS Premier Sponsors











World Aquatic Veterinary Medical Association Aquacultural Engineering Society • Aquaculture Association of Canada Global Aquaculture Alliance

International Association of Aquaculture Economics and Management Latin American Chapter WAS • US Trout Farmers Association

In Cooperation with: Texas Aquaculture Association



AQUACULTURE AMERICA 2021 RETURNS TO SAN ANTONIO

AQUACULTURE AMERICA 2021 returns to one of the favorite tourist 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 Aquaculture Suppliers Association to produce the annual Aquaculture America meetings. These sponsors are joined by the annual meetings of Aquacultural Engineering Society, US Trout Farmers Association and many more associations to make Aquaculture America 2021 the one meeting in the U.S. that you don't want to miss!

A CRITICAL TRADE SHOW FOR AQUACULTURISTS!

AQUACULTURE AMERICA 2021 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 2021 is the place to do it!

Stay in touch with the program developments for AQUACULTURE AMERICA 2021 through our Web Page at:

www.was.org

SAN ANTONIO-RIVERWALK, ENTERTAINMENT, EATING AND HISTORY!

AQUACULTURE AMERICA 2021 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 San Antonio.

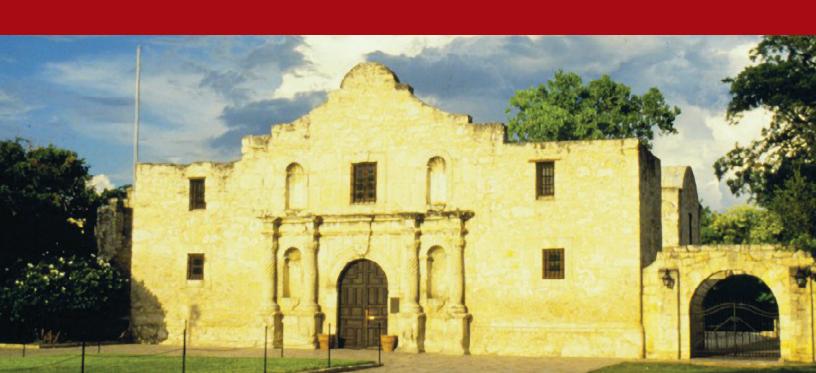
EXPANDED PRODUCER PROGRAM

Aquaculture America is known for the high quality of its Producer Program organized by NAA. AQUACULTURE AMERICA 2021 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:

Aqua Tools:

Siting and Environmental Management
Aquatic Animal Health
Aquatic invasive species
Certification Programs
Clean Water Act
Commercial Aquaculture Health Program Standards
Endangered Species Act

Federal Agency Town Hall Meeting Nutrition and Food Safety Lacey Act Marketing Regulatory Issues Science/Public Policy Start-up Aquaculture



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:

Biotechnology/Biogenetics

Epigenetics

Genetically modified organisms

'Omics approaches

Sterility

Restoration/Environment/

Stock Enhancement

Association of Zoos and Aquariums Conservation/restoration aquaculture

Ecology/environmental issues

Marine debris/microplastics

Stock enhancement

Shrimp/Crustaceans

Husbandry/production

Breeding/genetics

Nutrition

Species

Crawfish

L. vannamei

Macrobrachium sp.

Economics/Marketing

Aquaculture economics

Certification

Consumer/public perceptions

Marketing

Risk management/crop insurance

Engineering

Aquaponics Bioflocs/heterotrophic

systems

Biofuels

RAS technology

Finfish

Species

Baitfish Catfish/catfish hybrids

Gar/paddlefish/bowfin

Largemouth bass

Percids Salmonids

Seriola

Striped bass/hybrid striped bass

Tilapia

Tuna

Zebrafish and medaka

Husbandry/production

Genetics

Status of U.S. marine finfish aquaculture

Food Safety Seafood/health-related

Shellfish safety

Health/Disease

Aquaculture drug updates

Aquatic animal health

Aquatic animal veterinary medicine

Biosecurity/water quality

Aquatic animal diseases

Immunology/stress

Physiology

Preventative medicine strategies

Welfare

Nutrition

Alternative feeds

Feed ingredients

Finfish nutrition

Proteins

Lipids

Live feeds

Nutrient requirements

Prebiotics/probiotics

Shellfish nutrition

Other Sessions

Aquaculture 101

Aquaculture education

Cultural differences in aquaculture

Extension/technology transfer

Invasive species

NOAA aquaculture

Public perceptions of aquaculture

Sea Grant aquaculture

Texas aquaculture

USTFA forum

Other Species Algae Alligators

Cleaner fish

Ornamentals

Sea Cucumbers

Sea Urchins

Regulations/Policies/Permitting

Policy – blue economy

State leasing programs Strategic federal actions

Reproduction

Broodstock propagation/management

Crustacean reproduction

Finfish reproduction

Hatchery technology

Larval culture

Shellfish reproduction

Shellfish

Genetics/selection

Husbandry/production

Regional shellfish biosecurity

Species

Abalone

Mussels/clams/geoducks

Oysters

Scallops

Systems

Aquaponics

Cage culture

In-pond raceways/split-ponds

Integrated multi trophic aquaculture

Non-traditional aquaculture

Offshore aquaculture

Pond culture

Raceway culture

Recirculating aquaculture

Salmon RAS

Water Quality/Chemistry

Algal blooms

Instrumentation

Management

Methodology

Toxins/contaminants



CALL FOR PAPERS – DEADLINE: June 15, 2021

AQUACULTURE AMERICA 2021 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 2021 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - an Abstract Book 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 <u>presenting 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

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 Managerfor alternative methods at: worldaqua@was.org

All presenters who submit their abstract by June 1, 2021, will be entered into a random drawing for 1 of 5 complimentary full conference registrations for AA2021.

PLEASE SUBMIT EARLY FOR A CHANCE TO WIN!



Credit Card Billing Address_

ATTENDEE REGISTRATION FORM

August 11-14, 2021 - San Antonio, Texas

Return address for payments in USD: AQUACULTURE AMERICA 2021 Conference Manager Valley Center, CA 92082 USA Tel: +1 760 751 5005 Fax: +1 760 751 5003 Email: worldaqua@was.org

Unline registration is preferred a				onn per person.
	SE PRINT CLEARLY OR T		NFORMATION	
BADGE INFORMATION: (As you want your i	name badge to read – No t	itles, please)		
First Name	SUF	RNAME (FAMILY NAME)		
Company or Institution				
(Limited to 40 Lette				
City	State/	Prov	Country	
MAILING INFORMATION: Email				
Postal Address(please inc	lude email address)			
City	State / Prov	Postal Code	Countr	У
Phone	_ Fax		Title: (circle one)	
(include country and city code)	(Includ	e country and city code)		
REGISTRATION FEES: In order to receive th See brochure for what is included in registrati		below, this form and pa	lyment must be received by	the date listed.
TYPE OF REGISTRATION FULL CONFERENCE & TRADE SHOW In order to receive the Pre-Registration discount rate, tl	Register by June 30, 2021 his form and payment must be	Register by July 30, 2021 received by the date above	Register after July 30, 2021	* To qualify for Member Rate you <u>must</u> complete the Association
MEMBER RATE*	US\$ 435	US\$ 535	US\$ 635	Memberships section
STUDENT MEMBER RATE*	US\$ 225	US\$ 225	US\$ 290	on the reverse side.
Include copy of Student I.D.	U3\$ 223	U3\$ 223		• • • • • • •
Non-Member Rate Student Non-Member Rate Include copy of Student I.D.	US\$ 540	US\$ 640	US\$ 740	Trade Show is <u>included</u> in the Full Conference
You can join WAS on the reverse side and use the Member Rate.	00\$ 200	00¢ 230	σοφ σοσ	Registration Rate.
Spouse Rate – must accompany a full registration	US\$ 335	US\$ 395	US\$ 495	TOTAL REGISTRATION FEE
Name	σοφ σοσ	03\$ 333	034493	US\$
TRADE SHOW PASS		(Trade show	pass is included with the Ful	Conference Registration)
Good for 3 days admission to exhibits only – Augus	t 12, 13, 14	US\$ 50	TOTAL TRADE SHOW PASS	US\$
INDUSTRY TOURS -				
Information To Come				
MEMBERSHIP DUES – Enter amount from M	lembership Application on otl	ner side if applicable.	TOTAL MEMBERSHIP DUES	US\$
Do not mail registration after July 30, 2 After July 30, bring this form with you t	•	→	TOTAL AMOUNT US	S\$
Registration Confirmation	ation and Rec	eipt will be	emailed after p	processing.
CANCELLATION POLICY: Cancellation of registratic 20% handling fee. Refunds are processed after the July 30, 2021, no refunds will be made for profession Fees for memberships are non-refundable.	he conference. No refund w	ill be made for cancellation	ons received after July 30, 20	21 or for "no shows". After
PAYMENT METHOD: All fees must be pa	id to the order of AQUACULT	URE AMERICA 2021.	For bank transfer de	tails, contact us.
Check # [Visa Mastero			Diners Club
Card #				
Name on Card	Date	Signatu	ıre	

REGISTRATION FORM - SIDE 2

Name				
ASSOCIATION MEMBERSHIPS: Please check all box Membership in any of those associations qualifies you for an association at any time before registering to qualify for	or the Member Rate* on the Registration Fees. You can join			
MEMBERSHIPS: □ WAS □ USAS □ APC □ Kore	an 🗆 LACC 🗅 African Chapter			
Aquacultural Engineering Society	☐ Global Aquaculture Alliance			
Aquaculture Association of Canada	National Aquaculture Association			
Aquaculture Association of South Africa	☐ National Shellfisheries Association			
☐ Aquaculture Feed Industry Association	☐ World Aquatic Veterinary Medical Association			
☐ Fish Culture Section - AFS	☐ Zebrafish Husbandry Association			
MEMBERSHIP APPLICATIONS ☐ NEW APPLICATIONS	ATION			
NATIONAL AQUACULTU	RE ASSOCIATION (NAA)			
For details on the different types of memberships a	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	Silver: \$1,000 to \$2,499			
Gold: \$2,500 to \$4,999	Platinum: \$5,000 and above			
Total Amo	ount for NAA Membership USD			
	amount under "Membership Dues" section on opposite side of this form.			
WORLD AQUACULTURE SOCIETY For details on the different types of memberships a	(WAS) APPLICATION www.was.org and options, please contact the WAS home office at			
Tel: +1-225-578-3137 Fax: +1-225				
MEMBERSHIP CATEGORY: (Indicate only one)	CHAPTER OPTIONS:			
Individual (Electronic JWAS) (USD 65/yr) Applies to an individual only	One chapter incuded in membership. Mark the chapter you choose.			
Individual (E Access) (USD 45/yr) Applies to an individual only	☐ Africa			
Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of	. Vorce			
Sustaining (Electronic JWAS) (USD 105/yr) Applies to any one individual fro	III a company			
☐ Corporate (Electronic JWAS) (USD 255/yr) Allows <u>all</u> employees of <u>one</u> com	United States (OSAS)			
Lifetime (Electronic JWAS only) (USD 1000 with no chapter) Applies to an in	= Hollo (doddot oob o)			
Lifetime (Electronic JWAS only) (USD 1100 with one chapter) Applies to an	individual only You can add extra Chapters for USD 5			
Fees for memberships are non-refundable.	Total Amount for WAS Membership USD			

INDUSTRY TOURS & EXTRAS

TO BE ANNOUNCED





HOTELS

PLEASE BOOK BY JANUARY 20, 2021

San Antonio Marriott Rivercenter

101 Bowie Street San Antonio, TX 78205-3901

We have arranged great rates from USD\$194 per night at this hotel where the Conference Activities will be held.

You can go to the link below to reserve your room. Please identify yourself as an attendee to Aquaculture America 2021.

https://book.passkey.com/e/50140073

Reservations Toll Free: 877-622-3056 Reservations Local Phone: 877-622-3056

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 and Show Directory. Abstract Book on website.
- * 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.

FOR MORE INFORMATION: AQUACULTURE AMERICA 2021

Conference Manager

P.O. Box 2302 • Valley Center, CA 92082 USA
Tel: +1-760-751-5005 • Fax: +1-760-751-5003 • worldaqua@was.org

TENTATIVE SCHEDULE

Wednesday, August 11

Registration Open	12:00 pm - 5:30 pm
Exhibitor Move-in	11:00 am - 6:00 pm
Poster Set-up	1:00 pm - 5:30 pm

Thursday, August 12

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

Friday, August 13

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

Saturday, August 14

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

