

AA2021  
will be an  
In-person Event!  
Please get vaccinated  
so we can have a  
free-flowing meeting!



Fixin' to Farm More Seafood

# AQUACULTURE AMERICA 2021

AUGUST 11 - 14, 2021

SAN ANTONIO MARRIOTT RIVERCENTER

SAN ANTONIO, TEXAS

SPONSORED BY:



WAS Premier Sponsors



Associate 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](http://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.





# PLENARY SPEAKERS

## The Peterson Farm Brothers



The Peterson Farm Brothers are three brothers from central Kansas who create social media content to promote agriculture. Their online videos have received over 130 million combined views and they have over 600,000 followers on social media. The brothers grew up and continue to work on a family farm near Assaria Kansas. The brothers attended and graduated from Kansas State University. Greg graduated in 2013, majoring in Agricultural Communications and Journalism. Nathan graduated in 2016, majoring in Agriculture Technology Management. Kendal graduated in 2018, majoring in Agribusiness. Due to their online success, the brothers have had many opportunities to promote agriculture around the world. Their goal is still to operate the family farm together, but hope to make a positive impact with their social media outreach.



## Dr. Carole Engle



Dr. Carole Engle is a nationally recognized and highly-respected aquaculture economist. She served as a Professor of Aquaculture Economics and Marketing at the University of Arkansas

– Pine Bluff (UAPB) and created and directed the UAPB Aquaculture/Fisheries Center and the associated academic department. She has more than 40 years of experience in the analysis of economics and marketing issues related to aquaculture and has worked in 20 different countries in all major world regions. Dr. Engle has produced numerous economic and market analysis oriented peer-reviewed, extension and grey literature papers, book chapters and books to the benefit of commercial fish and shellfish farmers, prospective farmers, government agencies, and the public. She also has shared her expertise, research, and experience in a wide variety of capacities as an officer or member of several professional associations, as editor of major aquaculture journals, and as chair or member of numerous public and private advisory groups. Retired from the university, Dr. Engle continues to work with aquaculture producers and colleagues on a variety of issues through her consulting company, Engle-Stone Aquatic\$ LLC and as an adjunct faculty member at the Virginia Seafood Agricultural Research and Extension Center of Virginia Tech University.







**ATTENDEE REGISTRATION FORM**  
**AQUACULTURE AMERICA 2021**  
**August 11-14, 2021 – San Antonio, Texas**

*Return address for payments in USD:*  
**AQUACULTURE AMERICA 2021**  
 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 [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

**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/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.

<b>TYPE OF REGISTRATION</b> <b>FULL CONFERENCE &amp; TRADE SHOW</b> <small>In order to receive the Pre-Registration discount rate, this form and payment must be received by the date above</small>	<b>Register by</b> <b>July 30, 2021</b>	<b>Register after</b> <b>July 30, 2021</b>	* 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>TOTAL REGISTRATION FEE</b>  US\$ _____
<b>MEMBER RATE*</b> <b>STUDENT MEMBER RATE*</b> <small>Include copy of Student I.D.</small>	<input type="checkbox"/> US\$ 435 <input type="checkbox"/> US\$ 225	<input type="checkbox"/> US\$ 635 <input type="checkbox"/> US\$ 290	
<b>Non-Member Rate</b> <b>Student Non-Member Rate</b> <small>Include copy of Student I.D. You can join WAS on the reverse side and use the Member Rate.</small>	<input type="checkbox"/> US\$ 540 <input type="checkbox"/> US\$ 295	<input type="checkbox"/> US\$ 740 <input type="checkbox"/> US\$ 365	
<input type="checkbox"/> <b>Spouse Rate</b> – <small>must accompany a full registration</small> Name _____	<input type="checkbox"/> US\$ 335	<input type="checkbox"/> US\$ 495	

**TRADE SHOW PASS** (Trade show pass is included with the Full Conference Registration)  
 Good for 3 days admission to exhibits only – August 12, 13, 14  US\$ 50 **TOTAL TRADE SHOW PASS** US\$ \_\_\_\_\_

**INDUSTRY TOURS –**  
 Information To Come

**MEMBERSHIP DUES** – Enter amount from Membership Application on other side if applicable. **TOTAL MEMBERSHIP DUES** US\$ \_\_\_\_\_

**Do not mail registration after July 30, 2021 or fax after July 30.**  
**After July 30, bring this form with you to register at the show.**      ➔ **TOTAL AMOUNT US\$** \_\_\_\_\_

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

**CANCELLATION POLICY:** Cancellation of registration must be received - in writing - no later than July 30, 2021. 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 July 30, 2021 or for “no shows”. After July 30, 2021, 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 AMERICA 2021**. For bank transfer details, contact us.

Check # \_\_\_\_\_  Visa  Mastercard  American Express  Discover  Diners Club  
 Card # \_\_\_\_\_ Sec Code \_\_\_\_\_ Expiration Date \_\_\_\_\_  
 Name on Card \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_  
 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 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.

**MEMBERSHIPS:**  WAS  USAS  APC  Korean  LACC  African Chapter

- |  |   |
|--|---|
| <input type="checkbox"/> Aquacultural Engineering Society        | <input type="checkbox"/> Global Aquaculture Alliance                  |
| <input type="checkbox"/> Aquaculture Association of Canada       | <input type="checkbox"/> National Aquaculture Association             |
| <input type="checkbox"/> Aquaculture Association of South Africa | <input type="checkbox"/> National Shellfisheries Association          |
| <input type="checkbox"/> Aquaculture Feed Industry Association   | <input type="checkbox"/> U.S. Trout Farmers Association               |
| <input type="checkbox"/> Fish Culture Section - AFS              | <input type="checkbox"/> World Aquatic Veterinary Medical Association |
|  | <input type="checkbox"/> 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](mailto:naa@thenaa.net) Web: [thenaa.net](http://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 Amount for NAA Membership USD \_\_\_\_\_**

*Fees for memberships are non-refundable.*

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

### 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: +1-225-578-3137 Fax: +1-225-578-3493 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** (E Access) (USD 45/yr) Applies to an individual only
- Student** (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professor required)
- Sustaining** (Electronic JWAS) (USD 105/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
- 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.

- Africa**
- Asian Pacific**
- Korea**
- Latin American/Carribbean**
- 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.*

**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 2021 Session Schedule By Day

## Thursday, August 12

Nutrient Requirements	11:15 AM - 12:30 PM
Federal Town Hall	11:15 AM - 12:30 PM
Tilapia	11:15 AM - 5:00 PM
Aquatic Animal Health	11:15 AM - 5:00 PM
Texas Aquaculture	11:15 AM - 5:00 PM
Technology/Engineering	11:15 AM - 5:00 PM
Feed Ingredients and Gut Health	1:30 PM - 5:00 PM
Getting it Right While Managing Through COVID: Hitting Targets Even When They're Moving	1:30 PM - 5:00 PM
US Trout Farmers Association Trout Forum	1:30 PM - 5:00 PM

## Friday, August 13

Shrimp Health	8:30 AM - 10:00 AM
Environmental Issues	8:30 AM - 12:30 PM
Is the Next Regulation, the Best Regulation?	8:30 AM - 12:30 PM
Finfish Nutrition	8:30 AM - 12:30 PM
Diversity and Inclusion in U.S. Aquaculture	8:30 AM - 12:30 PM
Finfish Rearing	8:30 AM - 12:30 PM
Crisis Impacts and Response: Financial Management and Marketing in Response to a Pandemic	8:30 AM - 12:30 PM
Economics	8:30 AM - 4:30 PM
Business Tools and the Economics of Shellfish Aquaculture	10:30 AM - 12:30 PM
Conservation and Restoration Aquaculture	1:30 PM - 4:30 PM
Shrimp Production and Nutrition	1:30 PM - 4:30 PM
Zebrafish	1:30 PM - 4:30 PM
Shellfish Aquaculture	1:30 PM - 4:30 PM
Alternative Feeds	1:30 PM - 4:30 PM
Aquaculture Without Frontiers	1:30 PM - 4:30 PM
Accumulated Aquaculture Knowledge and Wisdom from Old Coats	1:30 PM - 4:30 PM

## Saturday, August 14

-Omics Approaches	8:30 AM - 12:30 PM
Catfish	8:30 AM - 12:30 PM
Aquaponics	8:30 AM - 12:30 PM
RAS and Bioflocs	8:30 AM - 12:30 PM
Education and Extension	8:30 AM - 12:30 PM
Ornamentals	8:30 AM - 12:30 PM
Aquaculture 101	8:30 AM - 12:30 PM
Closing Drink/Break in Exhibits	12:30 PM - 1:30 PM
<b>AA2021 Closes at 1:30 PM</b>	

## HOTELS

**PLEASE BOOK BY JULY 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](mailto: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 - 10:20 am
Exhibitor Move-in	8:00 am - 10:00 am
Poster Set-up	8:00 am - 10:00 am
Refreshment Break	10:15 am - 11:15 am
Trade Show & Posters Open	10:00 am - 6:00 pm
Sessions	11:15 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*

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
Closing Drink & Break	12:30 pm - 1:30 pm
AA2021 Finishes	1:30 pm

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### **Covid Statement**

In San Antonio things have opened up and bars, restaurants and attractions are open and following CDC guidelines for safety. There are no restrictions placed on conferences by the state so we are not putting any restrictions in place at this time. However, we will continue to monitor the situation and CDC recommendations and act accordingly.

Over 90% of people registering are already vaccinated, which bodes well for the safety and openness of our conference and trade show.

Additionally, we are taking the following steps:

- We have made wider aisles in the trade show to allow for more social distancing
- Each conference bag will have an individual sanitizer bottle attached
- While masks are not required, we encourage anyone not vaccinated to wear a mask and encourage anyone who feels more comfortable wearing a mask to do so.
- We will continue to meet necessary steps for the safety of our attendees.

