Forging New Frontiers

AQUACULTURE AMERICA 2017
INTERNATIONAL CONFERENCE AND EXPOSITION

FEBRUARY 19 - 22, 2017
SAN ANTONIO MARRIOTT RIVERCENTER
SAN ANTONIO, TEXAS

SPONSORED BY:

Associate Sponsors
American Tilapia Association • American Veterinary Medical Association
Aquacultural Engineering Society • Aquaculture Association of Canada
Asian Fisheries Society • Catfish Farmers of America
Global Aquaculture Alliance
International Association of Aquaculture Economics and Management
Latin American Chapter WAS • Striped Bass Growers Association
US Marine Shrimp Farming Association • US Trout Farmers Association

In Cooperation with: Texas Aquaculture Association
AQUACULTURE AMERICA 2017 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, American Tilapia Association, Striped Bass Growers Association, US Trout Farmers Association, US Shrimp Farming Association and many more associations to make Aquaculture America 2017 the one meeting in the U.S. that you don’t want to miss!

A CRITICAL TRADE SHOW FOR AQUACULTURISTS!
AQUACULTURE AMERICA 2017 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 2017 is the place to do it!

Stay in touch with the program developments for AQUACULTURE 2017 through our Web Page at: www.was.org

SAN ANTONIO–RIVERWALK, ENTERTAINMENT, EATING AND HISTORY!
AQUACULTURE AMERICA 2017 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

DR. AOIFE LYONS
DIRECTOR OF EDUCATIONAL INITIATIVES AND ENGAGEMENT
LinkedIn.com/in/draiofelyons

Dr. Aoife Lyons received her doctorate in clinical psychology from DePaul University in 2001. She successfully ran her own private practice clinic in Chicago for over 10 years treating children from toddlerhood through university. Her speciality is in managing life transitions whether through the school years, entry into university or into the workforce. Dr. Lyons takes a developmental approach to her work, treating every child and family individually and taking into consideration the multifaceted nature of our children’s development and behavior.

In 2012, Dr. Lyons returned to Ireland and is currently Director of Educational Engagement for Alltech. She also works in consultation regarding hiring practices, team building, multicultural communication and intergenerational communication. Dr. Lyons utilizes her specialized knowledge of human behavior and psychology to inform business practices.

Dr. Lyons is an adjunct professor at University College Dublin, Dublin City University and Trinity College Dublin. Her academic qualifications include a bachelor’s degree in biology and psychology from the University of Notre Dame, a master’s degree in women’s studies from University College Dublin, a master’s degree and Ph.D. from DePaul University and a postdoctoral fellowship at Northwestern University.

DR. SALLY ROCKEY
EXECUTIVE DIRECTOR

Dr. Sally Rockey became the inaugural Executive Director of the Foundation for Food and Agriculture (FFAR) in September 2015. Prior to this role, Dr. Rockey was an award-winning leader in Federal research, overseeing the operations of the extramural programs in both agriculture and biomedicine. She spent 19 years with the U.S. Department of Agriculture (USDA) where she held a number of positions within the Cooperative State Research, Education, and Extension Service. Very early in her career she became the head of the competitive grants program, overseeing the extramural grants process and portfolio. In her final years with USDA she was the Chief Information Officer, applying her breadth of government knowledge to information technology. She brought her experience in agriculture research to her 11-year career at the National Institutes of Health, where she emphasized the connection between agriculture, food, and health. As Deputy Director for Extramural Research, Dr. Rockey oversaw the operations of the largest Federal extramural research program and led groundbreaking initiatives and activities that have and will have a lasting positive impact on the research community.

Dr. Rockey received her Ph.D. in Entomology from the Ohio State University and did postgraduate work at University of Wisconsin prior to joining the government. She has devoted her career to improving people’s lives through research and will continue her mission by seeing FFAR become an essential component of the scientific enterprise.

Connect with Dr. Rockey | Twitter: @Rocktalking | Blog: foundationfar.org/blog/

JONATHAN VAN SENTEN
HOW TO MIX WATER AND ELECTRICITY: MUSINGS BY A MILLENNIAL

Jonathan van Senten is a post-doctoral researcher in the Seafood AREC at Virginia Polytechnic Institute and State University, and a recent graduate of the University of Arkansas at Pine Bluff. He continues to work in the realm of regulations and their economic impact on various sectors of the U.S. aquaculture industry; further expanding on the work started during his doctoral dissertation. Jonathan has previously served as the Assistant USAS Student Liaison for the 2015 meeting, and the Student Liaison for the 2016 triennial meeting in Las Vegas. Having been born and raised in the Netherlands Antilles, Jonathan has always taken an interest in aquatic life, and seafood. What started as a childhood fascination, eventually led him to pursue a degree in Marine Biology, followed by a graduate degree in Marine Affairs and Policy. After a brief internship with the FAO Fisheries and Aquaculture office in Rome, Jonathan became acutely aware of the need for aquaculture development and the important role aquaculture can play as a driver of economic growth, sustainable community development, and contributor to global food security. In this vein, Jonathan hopes to contribute to the continued development of aquaculture; starting with a better understanding of how policy and regulations affect aquaculture businesses at the farm level.
**SESSIONS AT A GLANCE (Tentative)**

### Monday, February 20
- **Fish Nutrition/Alternative Protein Sources**: 1:00 - 2:45
- **Aquaculture Systems**: 1:00 - 3:00
- **Engineering**: 1:00 - 3:00
- **Urban Aquaculture**: 1:00 - 3:00
- **Federal Town Hall**: 1:00 - 3:00
- **Biofloc/Intensive Systems**: 1:00 - 4:30
- **Catfish/Hybrids**: 1:00 - 4:30
- **Fish Genetics/Genomics**: 1:00 - 4:30
- **Water Quality**: 1:00 - 4:30
- **Zebrafish**: 1:00 - 4:30
- **Getting Published**: 1:00 - 4:30
- **Aquaculture in a Changing Environment**: 3:00 - 4:30
- **Promoting Seafood Consumption**: 3:00 - 4:30
- **Fish Nutrition: Nutrient Requirements**: 3:00 - 4:30

### Tuesday, February 21
- Shellfish and Land Use Conflicts**: 8:30 - 10:00
- **Fisheries**: 8:30 - 11:00
- **Lacey Act and Injurious Wildlife Listings**: 8:30 - 11:00
- **Ornamentals**: 8:30 - 12:30
- **Aquaculture 101**: 8:30 - 2:30
- **Fish Nutrition/Soy Products**: 8:30 - 12:30
- **Restoration/Stock Enhancement**: 8:30 - 12:30
- **Aquaponics**: 8:30 - 5:00
- **Aquatic Veterinary Medicine**: 8:30 - 5:00
- **Fish Health/Disease**: 8:30 - 5:00
- **Zebrafish - continued**: 8:30 - 5:00
- **Mollusk Aquaculture**: 8:30 - 12:30
- **Women in Aquaculture (WIA)**: 11:00 - 2:30
- **Economics/Marketing**: 1:00 - 5:00
- **Live Feeds**: 1:30 - 3:30
- **Microalgae**: 1:30 - 5:00
- **Licensing and Permitting of Offshore Aquaculture**: 1:30 - 5:00
- **Fish Nutrition/Dietary Supplements and Feed Additives**: 1:30 - 5:00
- **Striped Bass Growers Association**: 1:30 - 5:00
- **Forging a Future for Competitive Research Funding**: 1:30 - 5:00
- **Fish Reproduction**: 3:30 - 5:00
- **Fish Nutrition/Probiotics**: 3:30 - 5:00

### Wednesday, February 22
- **Larval Culture**: 8:30 - 10:00
- **Tilapia**: 8:30 - 10:00
- **Farming Marine Seaweed**: 8:30 - 12:30
- **Bead Filter Technology**: 8:30 - 2:30
- **Aquaculture to Restore Coastal Ecosystems**: 8:30 - 2:30
- **Aquaculture Product Labeling: Legal and Policy Issues**: 8:30 - 2:30
- **Fish Nutrition/Feeds and Feeding**: 8:30 - 2:30
- **Extension/Outreach**: 8:30 - 2:30
- **Marine Aquaculture**: 8:30 - 5:00
- **Shrimp/Crustacean**: 8:30 - 5:00
- **Aquatic Veterinary Medicine - continued**: 8:30 - 5:00
- **Americas Tilapia Alliance**: 10:00 - 12:30
- **Aquaculture without Frontiers**: 11:00 - 12:30
- **Macroalgae**: 1:30 - 5:00
- **Walleye**: 1:30 - 5:00
- **Roundtable of Associations: Forging New Frontiers**: 1:30 - 5:00
- **Fish Physiology**: 1:30 - 5:00
- **Organic Aquaculture Workshop**: 1:30 - 5:00
  - **New USDA Proposed Standards**: 2:30 - 5:00
  - **US Trout Farmers Association**: 2:30 - 5:00
  - **Producer Forum**: 2:30 - 5:00
  - **Fish Nutrition/Lipids**: 2:30 - 5:00
ATTENDEE REGISTRATION FORM
AQUACULTURE AMERICA 2017
February 19-22, 2017 – San Antonio, Texas

Online registration is preferred at 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 ___________________________

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.

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<th>TYPE OF REGISTRATION</th>
<th>Register by January 20, 2017</th>
<th>Register by February 8, 2017</th>
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<td>FULL CONFERENCE &amp; TRADE SHOW</td>
<td>US$ 435</td>
<td>US$ 535</td>
<td>US$ 635</td>
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<tr>
<td>STUDENT MEMBER RATE*</td>
<td>US$ 225</td>
<td>US$ 225</td>
<td>US$ 290</td>
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<td>US$ 295</td>
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<td>Spouse Rate – must accompany a full registration</td>
<td>US$ 335</td>
<td>US$ 395</td>
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TRADE SHOW PASS

Good for 3 days admission to exhibits only – February 20, 21, 22

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<th>TRADE SHOW PASS</th>
<th>US$ 50</th>
<th>TOTAL TRADE SHOW PASS</th>
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INDUSTRY TOURS – Enter amount from Membership Application on other side if applicable.

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<th>TOUR</th>
<th>COST</th>
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<tr>
<td>1. A.E. Wood Fish Hatchery &amp; San Marcos Aquatic Resource Center</td>
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<td>2. Water Quality Workshop, ASAS Members</td>
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TOTAL INDUSTRY TOURS US$ __________

MEMBERSHIP DUES – Enter amount from Membership Application on other side if applicable.

Do not mail registration after Feb. 10, 2017 or fax after Feb. 15. After Feb 15, bring this form with you to register at the show.

TOTAL MEMBERSHIP DUES US$ __________

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 January 27, 2017. 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 January 27, 2017 or for “no shows”. After January 27, 2017, 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 2017.

For bank transfer details, contact us.

Card # ___________________________ Visa Mastercard American Express Discover Diners Club

Sec Code ___________________________ Expiration Date ___________________________

Name on Card ___________________________ Date ___________________________ Signature ___________________________

Credit Card Billing Address ___________________________
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
❑ Americas Tilapia Alliance
❑ American Veterinary Medical Association
❑ AQUABIO
❑ Aquacultural 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 Fisheries 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
❑ Texas Aquaculture Association
❑ US Trout Farmers Association
❑ World 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: +1-304-728-2167  Fax: +1-304-728-2196  Email: naa@frontiernet.net

Individual Memberships: Individuals, growers, partnerships and corporations who engage in the practice of and who derive a portion of their income from aquaculture. Individual members nominate and elect four board members for three-year terms.

_____ Individual: $250  _____ Silver: $1,000 to $2,499
_____ Gold: $2,500 to $4,999  _____ Platinum: $5,000 and above

For membership information on State Associations and Species Associations, call for details.
Web: www.nationalaquaculture.org

Total Amount for NAA Membership  USD _______________

WORLD AQUACULTURE SOCIETY (WAS) APPLICATION

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

MEMBERSHIP CATEGORY: (Indicate only one)
❑ Individual (Electronic JWAS) (USD 65/yr) Applies to an individual only
❑ Individual (Printed JWAS) (USD 85/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 65/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 125/yr) Applies to any one individual from a company
❑ Corporate (Electronic JWAS) (USD 255/yr) Applies all employees of one company to attend meeting at Member Rate
❑ Corporate (Printed JWAS) (USD 275/yr) Allows all employees of one company to attend meeting at Member Rate
❑ Lifetime (Electronic JWAS only) (USD 1005/yr) 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 _______________

For membership in other associations, please contact them directly.

If you need a phone number, contact the Conference Manager (+1-760-751-5005).
INDUSTRY TOURS & EXTRAS

Lean Aquaculture Workshop
Feb. 18, 2017  8:30 - 4:30
Get tools and techniques you need to be more efficient and get results. Participants will explore tools to improve efficiency using guided team exercises and interactive simulations.

Water Quality Workshop
Feb. 19, 2017  8:30 - 4:30
Water quality management is key for efficient and profitable aquaculture. Participants will learn about water chemistry and the basics of recirculation aquaculture systems.

Tour #1
Feb. 23, 2017  9:00am - 4:00pm    $95
Visit the 2 locations below in one tour, lunch included.

San Marcos Aquatic Resource Center
See details at:

and

A. E. Wood Fish Hatchery
See details at:
http://tpwd.texas.gov/fishboat/fish/management/hatcheries/aewood.phtml

TRAVEL
Special car rental fares also 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 a block of rooms with very special rates at San Antonio Marriott Rivercenter.
Booking Website:
https://resweb.passkey.com/go/WAS17
Telephone: +1 800 364 8064
Contact the hotel directly:
Tel: +1 210 223-1000
Fax: +1-210-223-6239

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.
❖ 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 2017
Conference Manager
P.O. Box 2302  •  Valley Center, CA 92082 USA
Tel: +1-760-751-5005  •  Fax: +1-760-751-5003
## TENTATIVE SCHEDULE

### Sunday, February 19
- **Registration Open**: 11:00am - 5:30pm
- **Exhibitor Move-in**: 11:00am - 6:00pm
- **Poster Set-up**: 1:00pm - 5:30pm

### Monday, February 20
- **Registration Open**: 7:30am - 5:00pm
- **Plenary Session**: 8:30am - 10:30am
- **Exhibitor Move-in**: 8:00am - 10:00am
- **Poster Set-up**: 8:00am - 10:00am
- **Refreshment Break**: 10:30am - 11:30am
- **Trade Show & Posters Open**: 10:00am - 6:00pm
- **Lunch (On your own)**: 11:30pm - 1:00pm
- **Sessions**: 1:00pm - 5:00pm
- **Poster & Happy Hour**: 5:00pm - 6:00pm
- **President’s Reception**: 6:30pm - 9:30pm

### Tuesday, February 21
- **Registration Open**: 8:00am - 5:00pm
- **Sessions**: 8:30am - 10:00pm
- **Refreshment Break**: 10:00am - 10:30am
- **Sessions**: 10:30am - 12:30pm
- **Trade Show & Posters Open**: 10:00am - 6:00pm
- **Lunch (On your own)**: 12:30pm - 1:30pm
- **Sessions**: 1:30pm - 5:00pm
- **Poster & Happy Hour**: 5:00pm - 6:00pm
- **NAA Auction**: 6:00pm - 8:00pm
- **Student Reception**: 7:30pm - 9:30pm

### Wednesday, February 22
- **Registration Open**: 8:00am - 3:00pm
- **Sessions**: 8:30am - 10:00am
- **Trade Show & Posters Open**: 10:00am - 3:30pm
- **Refreshment Break**: 10:00am - 11:00am
- **Sessions**: 11:00am - 12:30am
- **Lunch (On your own)**: 12:30pm - 1:30pm
- **Sessions**: 1:30pm - 3:00pm
- **Refreshment Break**: 3:00pm - 3:30pm
- **Exhibitor Move-out**: 3:30pm - 7:00pm
- **Sessions**: 3:30pm - 5:00pm
- **Closing Happy Hour**: 5:00pm - 6:00pm