73rd Annual
Shellfish Growers Conference and Tradeshow

Red Lion Hotel on the River
Portland, Oregon
September 17 - 19, 2019
PCSGA’s AGM: September 16, 2019
Welcome

The Shellfish Growers Conference and Tradeshow is an opportunity for growers, researchers, agency staff, industry partners, and students to explore new research findings, consider public policy issues facing the shellfish industry, and to share stories and learn from each others’ experiences.

An impressive lineup of engaging speakers and pressing topics will be showcased at this year’s conference. Entertainment and fun activities are dispersed throughout!

Red Lion Hotel on the River
909 N Hayden Island Dr, Portland, OR 97217
www.redlion.com
(503) 283-4466

Deadline for discount room: August 25, 2019

#SHELLFISH73

Keynote Speaker

Halley Froelich
Tuesday, September 17 @ 9:15 am

Halley E. Froelich received her Ph.D. from the School of Aquatic and Fishery Sciences (SAFS), University of Washington in 2015. She took an interdisciplinary approach, studying the impacts of anthropogenic stressors on exploited ecosystems and species, with a specific focus on Dungeness crab. However, she began her foray into fisheries through aquaculture at the University of California, Davis, where she received a B.S. in Animal Biology. Fortuitously, her postdoctoral position at the National Center for Ecological Analysis and Synthesis (NCEAS) brought these two worlds together where she has been studying the interactions and impacts of global aquaculture, fisheries, and climate change. Starting July 2019, Halley is continuing this research as a tenure-track, Assistant Professor at the University of California, Santa Barbara in the departments of Environmental Studies and Ecology, Evolution, and Marine Biology.

Luncheon Speaker

Judy Twedt: Can you hear climate change?
Connecting to the science of our warming planet through digital sound arts
Tuesday, September 17 @ 12:00 pm

Judy Twedt is a 5th generation Washingtonian who grew up on the lands of the Coast Salish people. Now a doctoral candidate at the University of Washington, she designed a new Ph.D. program to blend digital sound art with climate science to create new tools for public reckoning with climate change. Her climate soundtracks have been featured on NPR, Crosscut, KUOW, KING5, PBS, and TEDx Seattle.

John Lentz Profiles in Innovation Speaker Series

Eric Marrisal, Grainocean Int’l
Wednesday, September 18 @ 9:15 am

Eric Marrisal joins us from La Rochelle, located in the Charentes Maritime region of France. Eric is president of Grainocean International, one of the top four oyster hatchery operations in France. A true innovator and a jack of all trades, Eric built two FLUPSY’s that he keeps on the neighboring island of Il de Re. His approach to setting and growing seed is unlike anything we’ve seen here in the US. Eric uses state-of-the-art cages that he designed himself, in addition to the boats that he’s personally built for his company. Not just a mechanical engineer, Eric also is a technical wizard, helping to create his own app for Grainocean, offering the public a streamlined method of ordering seed and accessing flash sales.
Conference Workshops & Panels

Continuing To Crack Crab: The Second Annual Session On Dungeness Crab Population Dynamics And Ecosystem Services

Tuesday, September 17 @ 3:30 pm
Throughout the Pacific Northwest, Dungeness crab forms the basis for many local fishing economies and is prized for its cultural and recreational significance. December of 2018 marked the start of a new cooperative research effort among tribes, state, federal, and academic researchers in Washington State called the Pacific Northwest Crab Research Group (PNWCRG). This session will include talks from Dungeness crab researchers as well as time for group discussion regarding emerging research topics.

Aussie Wakeup! Hosted Breakfast and Hands-on Tool School
Sponsored by SmartOysters, SEAPA, & SED

Wednesday, September 18 @ 7:30 am
You won't want to miss this Aussie Wakeup! Hear from our Aussie sponsors and others in the shellfish game while enjoying a delicious, full breakfast. Additionally, you'll have the opportunity to get hands-on with current industry tools and technology.

ISSC Proposal Review - A Working Lunch

Wednesday, September 18 @ 12:15 pm
It's time again to consider proposed changes to the National Shellfish Sanitation Program. The Biennial ISSC, where possible changes are to be debated, is set for the week of October 6th in San Diego. Before shellfish growers attend this important meeting to advocate for sensible, transparent laws, we need to hear from you! Join this session to learn more about what's being proposed and share what impact it may have on your farm. There's always a bit of fun when PCSGA engages with the ISSC, so join us, learn more and offer your perspective! Lunch available for pre-purchase.

European Green Crab On Pacific Shores: An Update On Status, Trends, And Action

Thursday, September 19 @ 10:45 am
The European green crab (EGC) has established populations on the East and West Coasts of North America, prompting concern from tribal, state, and federal managers, particularly as individual crab have been periodically captured in the Salish Sea. This session brings together members of the European Green Crab West Coast Technical Team and others to coordinate monitoring and localized control efforts, and provide information on the current status of EGC research. The session will include presentations from researchers and time for group discussion.

Swing, Swig, and Shout!

Schley Golf Scramble - Monday, September 16 @ 8:00 am
$60 (early bird) and $75 (standard)
In honor of our friend and founder of Norplex Inc., Ralph Schley, the annual Schley Golf Scramble will be held at Heron Lakes Golf (Greenback Course). The fee covers golf and cart. Golf Scramble organized by David Pearson and Corwyn Fischer with Washington Farm Bureau. Pre-registration required. Prizes awarded!

BINGO! - It Takes Balls to Play - Monday, September 16 @ 7:30 pm
$10 (early bird) and $15 (standard)
Be the first to shout and you'll get the payout! Crush your shellfish competitors and take home the prized pearl ... or leaky boot! No-host bar. Pre-registration required. Prizes awarded!

National Shellfisheries Association Student Fundraiser: Tuesday, September 17 @ 7:30 pm
Put It in Your Pie Hole! Does golf spark your competitive side, but messy slapstick speaks to your heart? This year you can have both! Support students in our industry by combining your golf skills with your pie throwing skills, in this biathlon of obscure sports. Your money and time helps fund student attendance and presentations!
CONFERENCE AT A GLANCE

Monday, September 16
8:00 am  Schley Golf Scramble  (Pre-registration required)
12:00 pm  Lunch on your own
1-4:00 pm  PCSGA Board Meeting
4:15-6:00 pm  PCSGA AGM Meeting (no conference registration needed to attend)
6:00 pm  Dinner on your own
7:30 pm  BINGO!  (Pre-registration required)

Tuesday, September 17
9:00 am  Conference Welcome
9:15 am  Keynote Speaker: Halley Froelich
10:00 am  Dixie Chicks: Women and the new Southern Oyster
10:45 am  Addressing Ocean Acidification - State Updates and Progress
11:45 am  Luncheon Presentation: Innovated Farming in France
Luncheon Speaker: Judy Twedt - Can you hear climate change?
1:45 pm  Concurrent Session A:
Ocean Conditions: Climate Change, Ocean Chemistry, Acidification
3:30 pm  continued...
5:00 pm  Opening Night Tradeshow Reception
7:30 pm  National Shellfisheries Association Fundraiser

Wednesday, September 18
7:30 am  Aussie Wakeup! Breakfast & Tool School sponsored by SmartOysters, SEAPA, SED
John Lentz Profiles in Innovation Speaker Series: Eric Marrisal
9:15 am  Concurrent Session A:
Concurrent Session B:
10:30 am  Down on the Farm
Wildstock Management
11:15 am  Estuarine Habitat, Ecosystem Reproductive Session
Services, Multitrophic Interactions
12:00 pm  Lunch on your own / Annual NSA Luncheon and Meeting
ISSC Proposal Review Working Lunch (Pre-register for lunch $20)
2:00 pm  Concurrent Session A:
Estuarine Habitat continued...
3:30 pm  Concurrent Session B:
Marine Pathogens, Shellfish Disease, Sea Cucumbers
Harmful Algal Bloom Genetics, Broodstock Development
4:00 pm  Pest Management
4:30 pm  Marine Debris
6:30 pm  Grand Awards Banquet, Silent Auction, Student and Industry Awards

Thursday, September 19
9:00 am  NOAA Seafood Inspection’s Oil Spill Response System
9:15 am  Workshop: West Coast Shellfish Research Goals and 2020 Priorities
10:15 am  Shellfish Shorts
10:45 am  Concurrent Session A:
Human Health Issues
12:30 pm  Adjourn
### GENERAL ATTENDANCE REGISTRATION

You may also register online at www.pcsga.org

Your registration includes:

- Conference entry and coffee breaks
- 1 ticket to Opening Day Luncheon and Tradeshow Reception

#### Payment Information:

- Check (made payable to PCSGA)
- Credit Card # ___________________________ Exp. Date: __________

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**Event Sponsor:** Receive advertising in the conference program guide and signage during breaks and meals.

- Coffee Break: $400
- Tradeshow Reception: $700
- Opening Day Luncheon/Speaker: $800
- Grand Awards Banquet: $1000
- Bar Sponsorship: Please call for more information $_______

**Student Sponsor:** Help cover the cost of a student’s registration $175 x #_____ $_______

**PCSGA Grower Enrichment & Development Fund (Donation)** $_______

**John Lentz Profiles in Innovation Speaker Series (Donation)** $_______

**GRAND TOTAL:** $________
I am a current Allied Member in good standing.

I would like to join PCSGA as a new member, or renew my annual membership dues........... $__________

Visit www.pcsga.org for information on membership levels and benefits.

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Food Option: I would like vegetarian meals

| Schley Golf Scramble: Mon. Sept 16 | $60 x #____ | $75 x #____ | $60 x #____ |
| BINGO! - It Takes Balls to Play: Mon. Sept 16 | $10 x #____ | $15 x #____ | $10 x #____ |
| Opening Day Luncheon: Tues. Sept. 17 | $30 x #____ | $45 x #____ | $30 x #____ |
| Grand Awards Banquet: Wed. Sept. 18 | $50 x #____ | $65 x #____ | $50 x #____ |

Event Sponsor: Receive advertising in the conference program guide and signage during breaks and meals.

| Coffee Break: $400 | Tradeshow Reception: $700 | Opening Day Luncheon/Speaker: $800 | Grand Awards Banquet: $1000 | Bar Sponsorship: Please call for more information | $__________ |
| Student Sponsor: Help cover the cost of a student’s registration | $175 x #____ | $175 x #____ | $175 x #____ |
| PCSGA Grower Enrichment & Development Fund (Donation) | $__________ |
| John Lentz Profiles in Innovation Speaker Series (Donation) | $__________ |

Payment Information:

- Check (made payable to PCSGA)
- Credit Card # __________ Exp. Date: __________

PCSGA • 120 State Avenue NE #142, Olympia, WA 98501 • Office: 360-754-2744 • Fax: 360-754-2743

Cancellation policy: by Aug. 20 $75 admin fee • Aug. 21 - Sept. 3 50% refund • after Sept. 3 no refund
TRADESHOW EXHIBITOR INFORMATION

The Tradeshow is a great opportunity to engage with potential clients in a casual setting. PCSGA encourages you to showcase your products and services, and learn about trends which will help your business grow. Conference attendees are eager to explore your business, socialize with you, and interact with your product!

Each exhibitor will receive an 8 foot table. Tradeshow exhibitors are showcased during the Tradeshow Reception (opening night on Tuesday, September 17 @ 5:00 pm). Please be sure you are present to staff your booth during the reception! An activity is planned to help channel conference attendees to your table. Be ready for a few surprises!

Tradeshow exhibitors are encouraged to participate in the Aussie Wakeup! Hosted Breakfast and Hands-on Tool School (Wednesday, September 18 @ 7:30 am). You will have a brief opportunity to share your story and highlight your product/services while conference attendees enjoy breakfast and get hands-on with the latest industry-based technology. Sponsored by SmartOysters, SEAPA, and SED.

Consider donating to the Silent Auction (see below) and becoming a Conference Sponsor. Sponsors receive advertising in the conference program guide and in public spaces at the conference. See the registration form for more information.

Your participation does not have to be limited to the tradeshow! Sign up for some fun too: Schley Golf Scramble, BINGO, Opening Day Luncheon, Grand Awards Banquet...etc!

Want a Complimentary Tradeshow Booth? ... Consider Joining PCSGA as an Allied Member!

Allied Members support the work of the PCSGA on a broad spectrum of issues, including environmental protection, shellfish safety, regulations, technology, and marketing.

Depending on level of membership, benefits include:
- Annual Conference meeting fee waived
- Complimentary Tradeshow Exhibit space at Annual Conference
- Tradeshow Reception showcasing exhibitors at Annual Conference
- Advertisement in quarterly newsletter, Longlines (subscription included)
- Advertisement and business listing in Annual Resource Catalog
- Directory listing, company logo, and website link on PCSGA website
- Access to PCSGA grower membership list

Visit www.pcsga.org/join-pcsga or call the PCSGA office to learn more about Allied Membership Levels and Benefits

Donations Requested for the Silent Auction

Proceeds from the auction support:

* PCSGA Grower Enrichment and Development Fund
* John Lentz Profiles in Innovation Speaker Series
* NSA-PCS Student Scholarships

Please bring your auction items to the conference registration desk when you arrive. Auction closes after Wednesday’s banquet.
PCSGA Meeting: Annual General Membership (AGM)
Monday, September 16 @ 4:15 - 6:00 pm

The AGM meeting is **the day before the conference begins** and is open to all PCSGA members in good standing. **There is no fee to attend.** Participate in discussion and training on shellfish issues that are important to you! Connect and network with other grower members throughout the Pacific Coast and share your experiences.