











#### TRADE SHOW EXHIBITORS

Aquaculture Information Exchange \*Gold / VASG \*Host USDA Natural Resources Conservation Service

BlueTrace \* Silver Via Design Architects \*Silver

Cherrystone Aqua-Farms \*Platinum VIMS Marine Advisory Program \*Host

FlipFarm USA \*Platinum Virginia Farm Bureau \*Platinum

JD and Associates Virginia Farm Bureau Crop Insurance \*Gold

Ketcham Supply Corp. Virginia Marine Products Board

Ocean Farm Supply Virginia Oyster Trail

Oceanfarmr \*Platinum Virginia Tech Seafood AREC \*Platinum

Oyster Seed Holdings \*Gold Vitsab \*Silver

Platipus Anchors Ward Oyster Co.

Shellfish Growers Climate Coalition / TNC Water Quality Tools

Shellfish Growers of Virginia \*Silver Workforce Development

The Oyster Landing Zapco Aquaculture / Vogt Oyster Co. \*Silver

**Thunderbird Plastics** 

USDA Farm Service Agency \*Conference Sponsors

#### THANKS TO OUR GOLD SPONSORS!













# AQUACULTURE RECEPTION

Friday 6:00 pm - 9:00 pm



LIVE BLUEGRASS MUSIC FROM

# THE TIDEWINDERS

7:30 pm - 9:00 pm

## Featuring Seven of Virginia's **Regional Oyster Flavor Profiles**

**OYSTERS PROVIDED BY:** 

FASURE HOUSE OYSTERS









TOM'S COVE **AQUA FARMS**  Guide to the Flavors of Virginia Oysters



Pleasure House Oysters



Enjoy other tasting experiences featuring a selection of Virginia's finest cultured products:

VIRGINIA HARD CLAMS

TILAPIA

**CATFISH** 

THANKS TO OUR SEAFOOD & BEVERAGE SPONSORS!









# FRIDAY, NOVEMBER 10, 2023

12:00 pm - 1:00 pm	Trade Show	Grand Ballroom
--------------------	------------	----------------

1:00 pm - 3:00 pm	General Session	Pearl
Grant programs for produ	cers and tips for preparing application	- Tony Banks, Virginia Farm Bureau
Navigating Ecommerce: Building direct-to-consum	ner solutions for business of all sizes	- Kimberly Reuter, CSG Consulting
Workforce development:		
Bivalve Shellfish		- Bill Walton, VIMS
Controlled Environme	ntal Agriculture (CEA)	- Bryan David, UVA Cooper Center for Public Service/GO VA Region 3
3:00 pm - 4:00 pm	Trade Show & Networking Break	Grand Ballroom

3:30 pm - 4:00 pm	Virginia Oyster Trail State of the Union	Bluepoint
	(all welcome) - Bruce Vogt, VOT Board President	

4:00 pm - 5:00 pm	Shellfish Growers of Virginia Membership Meeting	Bluepoint
	(all welcome) - Ben Stagg, Executive Director	

5:30 pm - 6:00 pm	Welcome Address	Pearl	
	The Steering Committee is pleased to welcome the Honorable Travis Voyles, Virginia Secretary of Natural and Historic Resources and the Honorable Joseph Guthrie, Commissioner of the Virginia Department of Agriculture and Consumer Services.		

6:00 pm - 9:00 pm Aguaculture Reception Gra	rand Ballroom
---	---------------



#### SATURDAY, NOVEMBER 11, 2023

7:30 am - 8:30 am Breakfast Grand Ballroom

8:30 am - 10:00 am Breakout Sessions

8:30 am - 10:00 am Bivalve Shellfish Breakout Pearl Ballroom

#### Regulatory Roundup - updates from agency partners and open discussion

- VDH Shellfish Safety Danielle Schools & Sarah Good
- VMRC Shellfish Management Adam Kenyon & Andrew Button

#### Water Quality Tools - applications to support growers and managers

- Chesapeake Bay Environmental Forecast System (CBEFS) Marjy Friedrichs, VIMS
- EcoOyster: a model for predicting oyster growth Mark Brush, VIMS
- Coastal acidification and oyster aquaculture Catherine Czajka & \*Emily Rivest, VIMS
- Shellfish Thresholds and Aquaculture Resilience (STAR) Map Brian Katz, Oregon State University

8:30 am - 10:00 am Virginia Aquaculture Breakout Bluepoint

#### **Program Updates:**

- Virginia Dept. Wildlife Resources (VDWR) Brendan Delbos
- Virginia State University College of Agriculture (VSU-COA) Chris Mullins
- VT-Virginia Seafood Agricultural Research and Extension Center (VSAREC) Michael Schwarz
- Virginia Dept. of Agriculture and Consumer Services (VDACS) Carrie Umberger
- Institute for Advanced Learning and Research (IALR) Scott Lowman
- Seafood Economic Analysis and Marketing Research (SEAMaR) Jonathan van Senten

10:00 am - 11:00 am Trade Show & Networking Break Grand Ballroom

**CONTINUED...** 



#### **SATURDAY, NOVEMBER 11, 2023**

11:00 am - 12:30 pm Breakout Sessions
---------------------------------------

11:00 am - 12:30 pm Bivalve Shellfish Breakout

**Pearl Ballroom** 

Co-Culture and Alternative Species Panel - Moderator: Darien Mizuta, VIMS

- Soft shell clam production, a hatchery perspective Mike Congrove, Oyster Seed Holdings
- VIMS Eastern Shore Lab update Richard Snyder, VIMS
- Multi-species aquaculture research in New Jersey Michael Acquafredda, Rutgers
- Co-culture of grazers and oysters Darien Mizuta, VIMS

#### Seaside Hard Clam Aquaculture and Submerged Aquatic Vegetation - research to inform policy

- Introduction / Background Mark Luckenbach, VIMS
- SAV research overview \*Grace Breitenbeck, Christopher Patrick, Carey Johnston and David Wilcox, VIMS
- Next Steps Mark Luckenbach, VIMS

#### 11:00 am - 12:30 pm Virginia Aquaculture Breakout

**Bluepoint** 

#### **Hydroponics/Aquaponics/Food Safety**

- Overview: Healthy Harvest Fresh aquaponics Tammy Cole, Healthy Harvest Fresh
- Aquaponics programing for Virginia growers Josh Dusci, VSU-COA
- HACCP in aquaponics/hydroponics Katheryn Parraga-Estrada, VSAREC
- Biofloc applications in Virginia Nick Romano VSU-COA

12:30 pm - 1:30 pm

Lunch

#### THANKS TO OUR SILVER SPONSORS!













#### **SATURDAY, NOVEMBER 11, 2023**

1:30 pm - 3:00 pm	<b>Breakout Sessions</b>
-------------------	--------------------------

1:30 pm - 3:00 pm Bivalve Shellfish Breakout

**Pearl Ballroom** 

**Lightning Talks: Collaborative Research** - Moderator: Hilary Parmentier, VASG

- Update on OsHV1: C. virginica challenges and seed screening Kimberly Reece, VIMS
- Water parameters in oyster bags affected by culture practices Julianne Grenn, VIMS
- Using Radio Frequency Identification (RFID) to manage oyster farm production Matt LaGanke, VIMS
- A farmer's perspective on using RFID to manage oyster farm production
  - Marcia Berman Cappahosic Oyster Co.
- Got the fuzz? A conversation about the effects of stalked ciliates on oyster nursery culture
  - Samantha Glover, Oyster Seed Holdings
- Gear comparison trials: a perspective on floating vs bottom grown oysters Bill Walton, VIMS
- Economic impact of shellfish closures in Virginia Fernando Gonclaves, VSAREC/SEAMaR

1:30 pm - 3:00 pm

**Virginia Aquaculture Breakout** 

**Bluepoint** 

#### **Recent Advances**

- Economic contributions of the Virginia seafood industry Fernando Goncalves, VSAREC/SEAMaR
- New national partnership to advance aquaculture economics and marketing research and extension
  - Noah Boldt, VSAREC/SEAMaR
- Consumer preferences for marine finfish Domena Agyeman, VSAREC/SEAMaR
- Environmentally friendly production of marine shrimp in super intensive systems in Virginia
  - Octavio Augusta, VSAREC





At Cherrystone Aqua-Farms, our mission is to cultivate and nurture sustainable clam and oyster farming practices that provide exceptional seafood to our customers while contributing to the health of our coastal ecosystems and the longevity of our industry. We are committed to promoting responsible aquaculture, advancing scientific foundations in the industry, preserving the natural beauty of our shores, and fostering a deep connection between our community and the bountiful treasures of the sea.

#### **LEARN MORE**

www.clamandoyster.com



Do you want to drastically reduce your cost per oyster?

How about attracting and keeping good employees?

#### **FLIPFARM**

Whether you're just starting out or already have a crew, FlipFarm, the world's first semi-automated oyster growing and harvesting system, will transform your farm and business.



#### **Productivity**

Increases production to over 1 million oysters per worker



## **Automation**

Eliminates heavy lifting, makes farm work much easier and fun!



### **Profitability**

Decreases operating cost per oyster and quickly pays for itself





OSH has been providing premium quality oyster larvae and seed to oyster farms for 15 years.

Recently, OSH has expanded its emphasis to include two additional company pillars

meant to magnify our impact on the industry. Together they are:

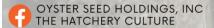
OYSTER SEED & LARVAE PRODUCTION





ADVOCACY FOR SHELLFISH AQUACULTURE

R&D provides a platform to innovate ways to increase and stabilize seed supply, both for our own customers, and in regions we cannot currently serve. Advocacy builds community around, and promotes the environmental sustainability of, shellfish culture through consumer experiences. We do this by hosting hatchery tours and operating a waterside food truck-style oyster eatery called "The Hatchery."



WWW.OSHOYSTER.COM







It's Always in Season at Virginia Grown.com













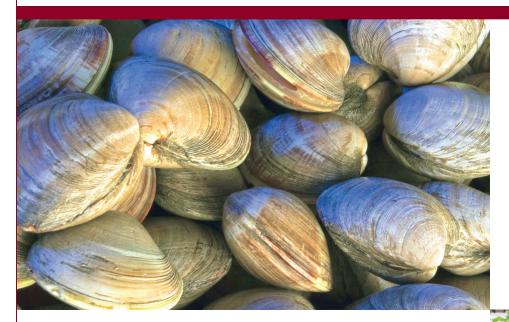


Virginia Department of Agriculture and Consumer Services 102 Governor Street, Richmond, VA 23219, vdacs.virginia.gov

# Virginia Farm Bureau proudly supports Virginia's aquaculture industry!

Become a Friend of the Farm today!





As a Farm Bureau member, you become a Friend of the Farm and help us advocate for farmers to preserve Virginia's agricultural heritage. Farm Bureau insurance customers also receive personal attention and fast claims service when they need it most.

#### Other membership benefits and savings include:

- Competitive auto, home, health and life insurance products
- Deals on dining, entertainment and shopping with Member Deals Plus®
- Volunteer leadership and community outreach opportunities

Member Deals plus and Member Deals Plus are registered trademarks of Virginia Farm Bureau Federation.

# Not a Friend of the Farm? JOIN TODAY! vafb.com

Virginia Farm Bureau

12580 West Creek Pkwy. | Richmond 23238 804-290-1000







**Sharon Wright Ambrose** 

(804) 445-6031

Danielle Simpson Bappert

(434) 401-7103

**David Hunnicutt** 

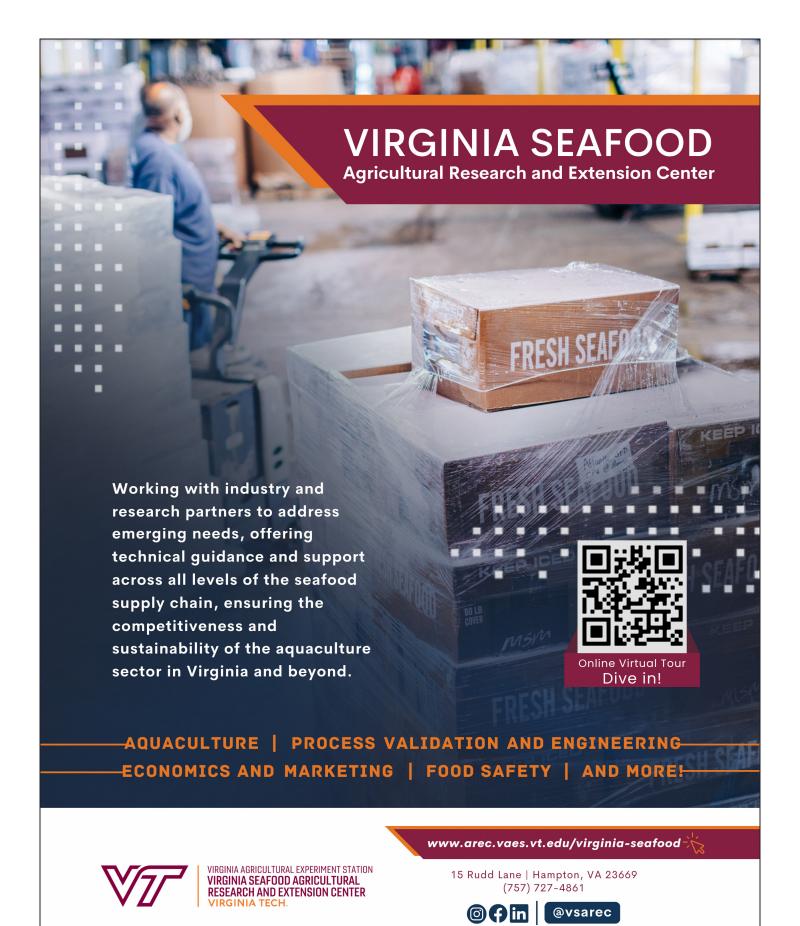
(804) 514-4014

Kevin Lynch

(434) 594-7734

# Blue Ridge Aquaculture

The World's Largest Sustainable Indoor Fisheries
Since 1993





# Join the US Aquaculture Society!

Enjoy free membership to USAS with your paid membership to the World Aquaculture Society.

www.usaquaculture.org | @usaquasoc

- Networking
- Conference discounts
- Educational opportunities
- Student awards, recognition & support

The United States Aquaculture Society (USAS) is a chapter of the WAS. WAS is a worldwide professional organization dedicated to the exchange of information and networking among the diverse constituencies interested in advancing the aquaculture industry. As WAS becomes more globally involved in providing services and professional development opportunities, the role of USAS is increasingly important for the U.S. aquaculture community.



# oceanfarm

Growing Farms that Change the World

Finance & Software for shellfish and seaweed farmers

# Your Farm:

- → Provides your community with sustainable seafood
- → Filters millions of litres of water
- → Captures CO2e, nitrogen and phosphorus
- → Restores marine ecosystems
- → Increases biodiversity & abundance

Join us today to grow your business and your impact

oceanfarm

www.oceanfarmr.com





# VIMS MARINE ADVISORY PROGRAM

LINKING RESEARCH AND INDUSTRY FOR SUSTAINABLE DEVELOPMENT



