

# Advanced Aquaponics, Aquaculture and Micro Farming

August 11, 12 & 13, 2017

Calala's Water Haven  
365 State Route 60 South  
New London, OH 44851

## Details

Cost: \$600 per person

Early-bird Cost if Registered by  
August 1: \$500 per person

*Cost includes:*

- All three days of conference
- Continental breakfast and lunch each day
- Conference materials on thumb drive
- Tour of Calala's Water Haven
- Tour of Lettuce Heads Farm

**NOTE:** For an additional \$15 per person participants can join us for a fish fry with the presenters on Saturday evening. Don't miss this opportunity to spend quality time with the speakers.

---

## Registration Information

To register, email your name, address and phone number and if you plan to attend the Saturday night fish fry to [calala@earthlink.net](mailto:calala@earthlink.net).

You will then receive an invoice to pay on-line or mail in with a check made payable to Calala's Water Haven.

---

## For More Information

Contact Bob Calala

216-789-0866

[calala@earthlink.net](mailto:calala@earthlink.net)

---

**Sponsorships  
Available**



Additional Speaker bios on next page

This will not be your typical conference! Presenters will be given as much time as they need to cover their specific interests and answer your questions.

### Topics include:

- Aquaponics
- Innovative Aquaculture & Growing Techniques
- Recirculating Aquaculture Systems (RAS)
- Pond Culture
- Bio-flock Aquaculture
- Unique Product Lines
- Trends in the Industry

**Learn from the best!**

**Hands-on learning.**

**Networking opportunities with presenters**

### Featuring Charlie Shultz

Charlie has been a pioneer in Aquaponics since first attempting to link fish and plants more than 20 years ago. After specializing in recirculating aquaculture at Virginia Tech in the early 1990's, he spent 14 years working at the University of the Virgin Islands (UVI). While there the team began to host the first aquaponics training course, incorporating both lecture and hands-on activities. After teaching thousands of students from around the world, Charlie relocated back to the mainland US to investigate aquaponic food production in temperate climates. His Master's research at Kentucky State University focused on lighting technologies for indoor plant production using aquaponic systems. Charlie went on to hold the Aquaponics Researcher position at Lethbridge College in Alberta, Canada. After completion of that grant, he joined a former student to partner at Lily Pad Farm in San Marcos, Texas. Currently, he serves as the Lead Faculty for Controlled Environment Agriculture at Santa Fe Community College in New Mexico teaching Greenhouse Management, Hydroponics and Aquaponics.



# Meet Your Presenters

## **Barry Adler, Owner, Rain Fresh Harvest Farm**

Barry grows baby greens, herbs and strawberries in two greenhouses using sustainable practices. One is an off-the-grid bio-integrated greenhouse featuring active solar PV (2.1 kW), a wind turbine (1.0 kW) and a solar thermal drain-down system (3 Sun Earth Collectors) with radiant floor heating. The other is an unheated passive solar high tunnel greenhouse with in-ground fish tanks. Over the past 13 years, he has built numerous aquaponics growing systems and currently has a USDA SARE grant evaluating growing mealworms as a fish feed for bluegills in an aquaponics system that features in-ground fish tanks with living biofiltration and capillary rope wick irrigation for crops growing in a vermicompost based potting mix.

Barry also works part-time at Green Energy Ohio, as the Operations Coordinator managing the finances, budget and administrative tasks for this non-profit organization. He holds a MS in Horticulture from Virginia Tech and BS in Agriculture from Berea College.

## **Bob Calala, Owner, Calala's Water Haven**

Bob has been an owner and operator of Calala's Water Haven since 1963 and is the largest producer of soft-shelled crayfish for bait in the U.S. He also operates one of the few fresh water shrimp nurseries in the industry. Bob was the president of the Ohio Aquaculture Association for 15 years and currently serves as their past president. He remains active in Ohio aquaculture by serving as a member of the Ohio Agriculture Research and Development Center's Leadership Council, member of the Ohio department of Agriculture's Aquaculture Health & Advisory committee, serves on the Ohio Department of Natural Resources, Division of Wildlife Aquatic Nuisance Species Committee, member of the Vice President's Advisory Council of the College of Food, Agricultural and Environmental Sciences at The Ohio State University and a Member Industry Advisory Council to the North Central Regional Aquaculture Centers.

## **Ashtyn Chen, Owner, The Ocean's Friend Aquaculture**

Ashtyn owns and operates The Ocean's Friend Aquaculture with his family. He got involved in aquaculture, primarily saltwater shrimp farming, in order to fill the void of biological research that wasn't satisfied by job as a chemical engineer in the material manufacturing industry. His interest was piqued his junior year of college when he was doing research on the various forms of microbial symbiosis that thrive on the Pacific coastline. He graduated in May 2015 with a B.S. in Biochemical Engineering from the University of Southern California, but his chemical engineer position was a little too mundane for him so he got into aquaculture, specific bio-floc aquaculture with the help of researchers and pros already in the industry.

## **Don Schooner, Owner, Inspired by Nature & Schooner Farms**

Don began his career in greenhouse and garden center management at Klotz Garden Center in Bowling Green, Ohio in 1986. Beginning at the ground floor he quickly rose to manager by 1989. In 1996, he formed his own company, Inspired By Nature, a natural pond and lake management company where pond owners are given the tools and resources to manage their ponds without the use of synthetic chemicals. After 20 years in business, Don still researches and tries various technologies to help manage ponds by balancing the pond ecosystem. Fisheries management, beneficial microbes and enzymes are at the heart of his pond management philosophy. 2016 found Inspired By Nature, experimenting with fresh water shrimp and lobster. In 2008, Don began Schooner Farms in Weston, Ohio. The farm is a 20 acre component farm where a variety of technologies are utilized to produce food "beyond organics." The farm offers classes, workshops, u-pick berries and a variety of learning possibilities.

## **Chris Weeks, Extension Specialist, North Central Regional Aquaculture Center (NCRAC)**

As the Regional Aquaculture Extension Specialist for the North Central Region, Chris provides liaison and Extension services to the aquaculture industry in the region. Service and experience areas include: aquaculture development engineering and design review academic research and extension information fish health and regulations. He also draws from a knowledge base of experts across the region, including the Industry, the Ohio State University, AREF, the Northern Aquaculture Demonstration Facility, Indiana Soybean Alliance, NCRAC Extension and Research Committees, Sea Grant, academia, and government regulatory agencies.

## **Kurt & Nick Ziegler, Owners, Lettuce Heads Farm**

As fifth generation farmers, Kurt and Nick Ziegler were no strangers to growing up working on a farm. Having spent their childhood helping out on their family pig farm, they know all of the work that goes into being a farmer. After many years working on the pig farm it became clear that pig farming was not the path that they wanted to take. After several years of having a small garden and selling at the local farmers market, Kurt decided that his hobby had slowly become his passion. With one call to Nick he was on board. Starting an aquaponic farm provided the opportunity to not only grow fresh produce year round in Northeast Ohio, but also fit the bill for their desire to grow in a sustainable and environmentally conscience fashion. They operate a 34x96 aquaponic house that holds a variety of leafy greens, herbs and other crops, as well as 500 tilapia.

# Registration Form

Please register me for the Advance Aquaponics, Aquaculture and Micro-farming 3-day training

Name 1: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

I will attend the Saturday evening fish fry with the presenters (\$15 additional fee)

I will not attend the Saturday evening fish fry with the presenters

Name 2: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

I will attend the Saturday evening fish fry with the presenters (\$15 additional fee)

I will not attend the Saturday evening fish fry with the presenters

Total Enclosed: \$ \_\_\_\_\_

## For More Information

Contact Bob Calala

216-789-0866

calala@earthlink.net