

# COMMERCIAL AQUAPONICS WORKSHOP

March 7th, 2019

8:30 - 4:30

Aquaculture 2019

*Understanding commercial aquaponics for success.*



## Workshop Content

Participants will learn about:

### **Aquaponic System Engineering**

- Aquaponic Design & Components
- System Overviews
- Coupled and Decoupled systems

### **Fish Production and Management**

- Species Selection and Health Management
- Water Quality and Optimizing Production

### **Plant Care in Aquaponics**

- Nutrient Dynamics
- Species Selection
- Integrated Pest Management
- Propagation Techniques

### **Economics**

- Financing and Business Plans
- Defining and Developing Markets

### **Best Management Practices**

- Good Agricultural Practices (GAP)
- Hazard Analysis and Critical Control Point (HACCP)

## Instructors



Huy Tran

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Aquaponic Farms  
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Dr. Jesse Chappell

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Dr. Terry Hanson

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Dr. Jeremy Pickens

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Let's talk real production in real systems with real numbers

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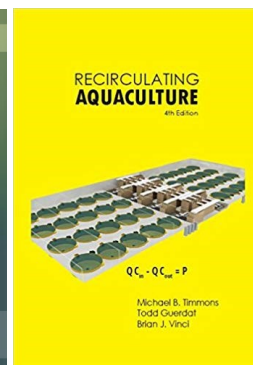
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- ➔ Learn what it takes to make it work
- ➔ See examples of what works and what doesn't work
- ➔ Understand the economics of these systems
- ➔ Boutique is cute but profits are prettier
- ➔ Get your questions answered during the Panel Discussion

**Agenda - March 7, 2018**

- ➔ 8:00—8:30 am - On-Site Registration
- ➔ 8:30—Workshop Objectives/Introduction
- ➔ 8:45—10:00 am - Huy Tran  
Aquaponic Engineering Systems
- ➔ 10:00—10:15 am - Mid-Morning Break
- ➔ 10:15—11:00 am - Dr. Jesse Chappell  
Fish Production & Management
- ➔ 11:00—12:00 pm - Dr. Jeremy Pickens  
Plant Care
- ➔ 12:00—1:00 - Lunch
- ➔ 1:00—2:30 pm - Huy Tran  
Best Management Practices
- ➔ 2:30—2:45 pm - Afternoon Break
- ➔ 2:45—3:30 pm - Dr. Terry Hanson  
Economics
- ➔ 3:30—4:30 pm - Expert Panel Discussion



**Relevant Texts**

**Commercial Aquaponics Systems**  
Wilson Lennard  
(Available at the [aquaponic.com.au](http://aquaponic.com.au))

**Recirculating Aquaculture**  
Timmons, M.B., Guerdat, T., Vinci, B. (2018).  
Ithaca Publishing Company, Ithaca NY  
(Available on-line at [Amazon.com](http://Amazon.com))

**Pricing Information**

- ◆ Stand Alone Workshop Registration - email John Cooksey ([JohnC@was.org](mailto:JohnC@was.org) or [worldaqua@aol.com](mailto:worldaqua@aol.com))
  - ◆ Base Price - \$300
  - ◆ US Chapter of WAS Member Pricing - \$150
  - ◆ US Chapter of WAS Student Members - \$75
- (WAS members who are not USAS members can get chapter pricing by joining the chapter for \$5.00)
- \* Attendees will receive a USB Key with course material.