

ADVANCED AQUAPONICS WORKSHOP

February 18, 2018

8:30 am - 4:30 pm

Paris Hotel, Las Vegas, NV

Aquaculture America 2018

Aquaponics for the next level producer!



Workshop Content

Participants will learn about:

Aquaponic Certifications and Best Management Practices

- Organic Certification
- Certified Naturally Grown (CNG)
- Good Agricultural Practices (GAP)
- Hazard Analysis and Critical Control Point (HACCP)

Aquaponic System Engineering and Design

- Aquaponic Engineering Considerations
- Proven Aquaponic System Designs
- Accessing Quality Information

Plant Care in Aquaponics

- Nutrient Dynamics
- Interpreting Plant Tissue Analysis
- Integrated Pest Management
- Plant Therapy Resources

Economics of Plant Production

- Marketing Products
- Optimizing Plant Production
- Greenhouse Environmental Control

Aquaponics Trends

- Introduction to Aquaponics
- What's Trending in Aquaponics
- Demystifying Decoupled Systems
- Selecting Species and Growth Methods

Instructors



Angela Caporelli

Kentucky Dept. of Agriculture

Education, Certification,
Marketing



Ryan Chatterson

Owner, Chatterson Farms

Farm Management, System
Design, Education



Janelle Hager

Kentucky State University

Research, Education,
Fish & Plant Enthusiast



Dr. Jeremy Pickens

Auburn University

Research, Extension, Author



Charlie Shultz

Santa Fe Community College

Research, Education,
Extension



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USAS



'Whet' your aquaponics skills and knowledge

- Keep your finger on the pulse of aquaponics trends
- Build your own profitable aquaponics system
- Improve your plant production and management techniques
- Obtain certifications for your aquaponics facility

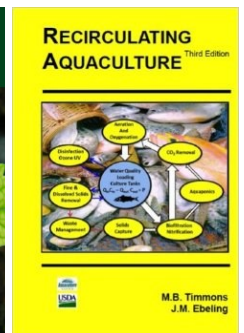
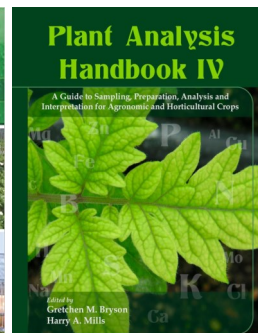
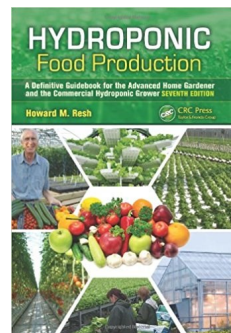
Join us for a day of learning to achieve these goals and become more successful in your own aquaponics operation!

Agenda - February 18, 2018

- 8:30—8:45 am - Registration
- 8:45—9:45 Keynote - Charlie Shultz
- 9:45—10:45 - Ryan Chatterson
- 10:45—11:00 - Mid-Morning Break
- 11:00 am - 12:00 pm - Dr. Jeremy Pickens
- 12:00—1:30 - Lunch (on your own)
- 1:30—2:30 - Janelle Hager
- 2:30—2:45 - Afternoon Break
- 2:45—3:45 - Angela Caporelli
- 3:45—4:30 - Expert Panel Discussion
- Adjourn

Pricing Information

- ◆ Non-US Chapter of WAS Member Pricing - \$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.
- ◆ **Stand Alone Workshop Registration - email John Cooksey (JohnC@was.org or worldaqua@was.org)**



Relevant Texts

Hydroponic Food Production

Howard M. Resh (2013) CRC Press.
(Available on-line at Amazon.com and Half.com)

Plant Analysis Handbook IV

Gretchen M. Bryson and Harry A. Mills (2014) Micro-Macro Publishing, Inc.
(Available on-line at
www.plantanalysisishandbook.com)

Recirculating Aquaculture

Timmons, M.B., Ebeling, J.M. (2007). Cayuga Aqua Ventures, Ithaca NY
(Available on-line at Amazon.com,
AbeBooks.com and Half.com)