

2019 Aquaponic Association Conference Program

FRIDAY	STEM/Schools/Research	Commercial/Food Safety	Community/All Growers
8:00 - 9:00	Registration		
9:00 - 9:15	Opening Welcome		
9:15 - 9:45	James Tidwell - Feeding the Future, What Role Can Aquaponics Play?		
9:45 - 10:15	Topic Overviews - State of the Aquaponic Industry		
10:15 - 10:30	Coffee break, room reset		
10:30 - 11:15	Ed Tivnan, Alicia Anania, John Dupuis, Kevin Savage - Classroom STEM applications	Ken Rust, James Ebeling - RAS Design and Engineering Principles with Aquaponic Intregation	Phil Reasons - Can Aquaponics Change the Developing World
11:15 - 11:45	Jeffrey Boyer - Theory to Practice Sustainability Education at a Career University	Shumin Wang - Aquaponics Development in China	Reese Hundley and Robert Arnhold - Aquaponics Education and Job Training for People with Disabilities
11:45 - 12:30	Samantha Johnson - Educational Applications, Reese Hundley - Educating the Educator	Juli Ogden - The Farm Plan/GLOBALG.A.P. Made Simple, Organic Certification	Shawn Lucas, Tony Silvernail, Craig Lee, Julie Flegal-Smallwood - HEMP From Aquaponics to Field Production
12:30 - 1:15	Lunch - unprogrammed opportunity to socialize, network, meet vendors		
1:15 - 2:00	James Ebeling, Kenneth Thompson - Engineering and Design for Project Based High School STEM	Joe Pate, Rob Tolette, John von Tungeln, JD Sawyer - Farm Design to Installation	Bucky Buchstaber, Aaron Imhof, Darynne Lee - Aquaponics and Social Impact
2:00 - 2:30	STEM Moderated Break Out Discussions	Commercial Moderated Break Out Discussions	Community Moderated Break Out Discussions
2:30 - 6:00	KSU Organic Farm / Food Chain Tours		
6:00 - 7:30	Open Happy Hour/Dinner in Lexington		

SATURDAY	STEM/Schools/Research	Commercial/Food Safety	Community/All Growers
8:00 - 9:00	Registration		
9:00 - 9:30	Best Practices for Aquaponics - Crop Production, Pests, Nutrients, Filtration, Design, Environmental Controls, etc		
9:30 - 10:00	Ask the audience game - everyone is an expert in their own way		
10:00 - 10:15	Coffee break, room reset		
10:15 - 10:45	Todd Guerdat - Farm-scale aquaponics research for real-world applications	Arvid Venkatarman - International Case Studies	Jill Fisk - Brackish-water Aquaponics for Edible Crops
10:45 - 11:15	Joseph Tetreault - Naturally Derived Nutrients in RAS Microbial Digestion	Carlos Leon - Advances on Design and Operation of Hybrid Aquaponics with Tilapia, Shrimp and Veggies	Robert Torcellini - What's the Best Type of Greenhouse?
11:15 - 11:45	Sean Fogarty - Microbial communities and food safety in coupled aquaponics	Ryan Chatterton - Designing for Profit	Murray Hallam - Lessons from the Road
11:45 - 12:15	Ashutosh Rao - Potassium K:Na management in RAS	Allen Pattillo, Janelle Hager - Aquaponics Commerical Industry Survey	Ed Favilla, Murray Hallam - Best Practices for Backyard Bandits
12:15 - 1:00	Lunch - unprogrammed opportunity to socialize, network, meet vendors		
1:00 - 1:45	Josh Dusci - Freshwater Prawn for Solids Filtration	JD Sawyer - Financial Planning for Farming Success	MD ASDUJJAMAN - Aquaponics Research and Food Safety from People's Republic of Bangladesh
1:45 - 2:15	Nick Savidov - Research and Community Outreach Development at Lethbridge College	Tawnya Sawyer - Tips and Tricks for Fantastic Farm Marketing and Sales	Rob Torcellini, Stan Crisp, Ed Tivnan - Greenhouse Environmental Controls
2:15 - 5pm	Hands on tour activities - KSU facility		
5:00 - 6:30	Return to Conference Center - Happy Hour, Dinner		
6:30 - 7:00	Mac McLeon - Aquaponics in Prisons (TED TALK)		
7:00 - 8:00	Charlie Shultz - Industry and system evolution		

SUNDAY	STEM/Schools/Research	Commercial/Food Safety	Community/All Growers
9:00	Arrival - Vendor networking		
9:00 - 9:30	Pedro Casas and James Taylor - SFCC Greenhouse Update and Solar Thermal Cooling Project	Daniel Wells - Nutrient Management in Aquaponics	Helga Fellows - Growing Specialty Items in Aquaponics
9:30 - 10:00	Kevin Savage, Sarah Sanders - Building Business Principles in Secondary STEM Curriculum	Steve Raisner - Probiotic and Beneficial Insects in Pest Management	Brian Cao - Case Study-Aquaponics in China
10:00 - 10:15	Coffee Break		
10:15 - 11:00	Janelle Hager, Todd Guerdat, D. Allen Pattillo, Hennen Cummings - Creating Research Community and Standards for Aquaponics Panel Discussion	Brandon Yep, Steve Raisner, Kaben Smallwood, Rafael Quezada - Cannabis Cultivation Panel	Gurikar Srijiith, Stan Crisp, Phil Reasons, SFCC student - Energy Production and Conservation Panel
11:00 - 11:45	STEM Working Group	Commercial Working Group	Community Working Group
11:45 - 12:00	Room reset - visit vendors, pick up lunch		
12:00 - 12:45	Lunch - Presentation: Creating the Aquaponics Economy -- Brian Filipowich (15) Open panel discussion		
12:45 - 2:00	Members Meeting		