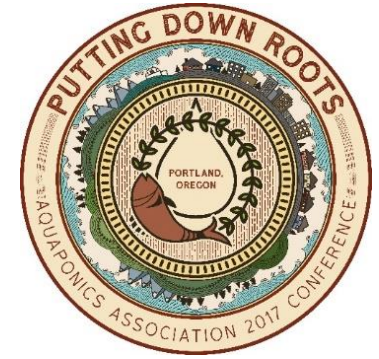


Putting Down Roots Conference Schedule

Friday, November 3, 2017

- 7:00 – 8:00 AM Breakfast, Welcoming Remarks, Van Loading
- 8:00 – 11:30 AM **Rural Oregon Aquaponics Tour** with Murray Hallam, [Practical Aquaponics](#) – We will visit "The Secret Aquaponic Build in the Forest," a 2K sq. ft. research and development aquaponic system currently under construction. This prototype is being developed to bring commercial aquaponics to the Columbia River Gorge in Skamania County, WA.
- 12:00 PM Networking Lunch with short welcoming remarks from Conference Chairs Brian Filipowich, [Anacostia Aquaponics](#), and Kate Wildrick, [Ingenuity Innovation Center](#).
- 12:30 PM Special Lunch Presentation: **Putting Down Roots** by Murray Hallam, [Practical Aquaponics](#)



Afternoon Sessions: Four general "learning clusters" for Commercial, Community, Applied Skills, and STEM Education themed classes.

FRIDAY	Commercial Aquaponics <i>West Salon A</i>	Community Aquaponics <i>West Salon B</i>	Applied Aquaponic Skills <i>Overton Room</i>	Aquaponics in STEM <i>Pettygrove Room</i>
1:10 - 2:05	Local Food System Panel Discussion Lyf Gildersleeve, Flying Fish Company Andre Uribe, Executive Chef at Bon Appetit at Willamette University	Fighting Hunger Through Aquaponics Colin Cotton & Chris Hatch, The Mississauga Food Bank	Reforestation Projects Max Meyers, Norcal Aquaponics	STEM National Trends: Strategic Implementation & Panel Discussion Bevan Suits, Aquaplanet and Julie Hasford, Teaching Institute for Excellence in STEM
2:10 - 3:00	Not All Those Who Wander Are Lost: An Insight into Hacking the Global Food Economy Arvind Venkat, Waterfarmers	Empowering Communities: Working with Schools, Marginalized Populations, and Other Non-Profits Kaben & Shelby Smallwood, Symbiotic Aquaponic	Rural Africa Aquaponic Systems Phil Reasons, Aguasol International	Aquaponics in STEM around The World Phillip Thompson, Seattle University Center for Environmental Justice and Sustainability
3:05 - 3:35	USDA Support for the Aquaponics Industry: Potential Research and Extension Resources Jeffrey Steiner, Institute of Food Production and Sustainability, USDA National Institute of Food and Agriculture	Community Aquaponics Tawnya Sawyer, Colorado Aquaponics , The Aquaponics Source , Flourish Farms	Applied Aquaponics at Santa Fe Community College R. Charlie Shultz & Zac Carlson, Controlled Environment Agriculture Program at Santa Fe Community College	One Fish, Two Fish, Red Fish, Blue Fish...Aquaponics in the Community College Julie Flegal-Smallwood & Dee McKenna, Redlands Community College
3:35 - 4:00	Break			
4:00 - 4:45	Growing Successful Aquaponic Farmers around the World Ryan Chatterson, Chatterson Farms	The LEAF Greenhouse Model; Our First 3 Years of Feeding Minds and Bellies Jon Parr, SchoolGrown	The Redd on Salmon Street: Building the Post-Industrial Food System Emma Sharer, Ecotrust	Aquaponics and STEM: A School District Success Story Reese Hundley, Symbiotic Aquaponic and Julie Hasford, Teaching Institute for Excellence in STEM
4:50 - 5:20	Dealing with Clients Max Meyers, Norcal Aquaponics	Aquaponics: A Catalyst for Community Supported Innovation Kate Wildrick, Ingenuity Innovation Center	Probiotics and Fish Growth George Pate, Kentucky State University	Bridging the Gap Between Aquaponics and Education: Panel Discussion Spencer Curry, Trifecta Ecosystems

***Small aquaponic system builds and demonstrations occur throughout afternoon sessions in the Lovejoy Room, led by Meg Stout, Aquaponics Association Chair Emeritus

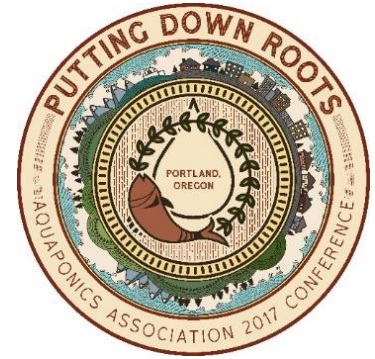
- 5:30 – 6:30 PM Networking Happy Hour in West Salon, featuring Duckweed Wrestling
- Open Dinner Dinner is on your own (or with some friends). Explore Portland's food scene or enjoy a meal at one of the local restaurants.
- 6:30 – 9:00 PM Portland Metro AP Meet and Greet / Social Networking Gathering in West Salon



Putting Down Roots Conference Schedule

Saturday, November 4, 2017

- 7:00 – 8:00 AM Breakfast, Welcoming Remarks, Van Loading
- 8:00 – 11:30 AM **Urban Oregon Aquaponics Tour** – We'll visit [Live Local Organic](#), an urban aquaponics farm with 10K sq. ft. of growing space that supplies 71 individual stores and 10 retailers. Next, we'll visit the [Redd on Salmon](#), a food innovation center dedicated to supporting urban food producers. With over 20K sq. ft. of warehouse space, cold storage, aggregation, packaging, distribution and three commercial production kitchens, you will discover very innovative solutions and partnerships that are solving many issues around bringing food "the last mile".
- 12:00 PM Networking Lunch
- 12:30 PM Special Lunch Presentation: **The Food Safety Issue We Must Address**, Angela Tenbroeck, [Center for Agricultural Sustainability and Excellence](#)



Afternoon Sessions: Four general "learning clusters" for Commercial, Community, Applied Skills, and STEM Education themed classes.

SATURDAY	Commercial Aquaponics <i>West Salon A</i>	Community Aquaponics <i>West Salon B</i>	Applied Aquaponic Skills <i>Overton Room</i>	Aquaponics in STEM <i>Pettygrove Room</i>
1:10 - 2:05	Special Panel on Commercial Aquaponics Jonathan Van Senten, V-Tech Seafood AREC		Aquaponics in Puerto Rico Before and After Hurricane Maria Pedro Casas, Agroponicos	Aquaponics in the Classroom; Testing Variables Tom Mullane, The James Baldwin School
2:10 - 3:00	Commercial Aquaponics - From Inspiration to Michelin Stars Ken Armstrong, Ouroboros Farms	Sustainability Factors in Developing a Responsible Aqua Farming Program in Oregon Jon Bonkoski, Ecotrust John Moehl, Oregon Aquaculture Association	Commercial Aquaponics in Latin America with Fresh and Brackish Water; with Tilapia, Shrimp, and Trout Carlos Leon, Bofish	One Step Closer to Mars with Aquaponics: Cultivating Citizen Science in K12 Schools Anne McHugh & Students, Meadow Park Middle School
				Building Bridges: Creating Collaborative STEM Solutions Spencer Curry, Trifecta Ecosystems
3:00 – 3:20	Break			
3:20 - 4:15	Bringing Your Fish to Market Lyf Gildersleeve, Flying Fish Company	True Cost Accounting and The 2018 Farm Bill Brian Filipowich, Anacostia Aquaponics	Bell Siphons – The Quest for A Reliable Auto-Siphon Rob Torcellini, Bigelow Brook Farms	Bridge Building Work Session: Identifying Barriers and Opportunities in STEM Education Kate Wildrick, Ingenuity Innovation Center
4:20 - 5:00	Farming for Profit Joel Kelly, Live Local Organic	Cannabis Production and its Impact on the Aquaponics Industry Stephen Raisner, Purity Medicinals , Potent Ponics	Stablized Media for Aquaponics Dave Pruitt, International Horticultural Technologies	Bridge Building Work Session: Solutions and Next Steps Spencer Curry, Trifecta Ecosystems

***Small aquaponic system builds and demonstrations occur throughout afternoon sessions in the Lovejoy Room led by Meg Stout, Aquaponics Association Chair Emeritus

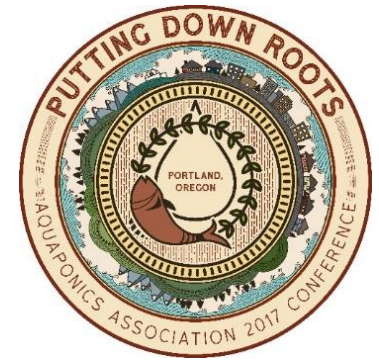
- 5:30 – 6:30 Networking Happy Hour in West Salon
- 6:30 – 8:30 **Putting Down Global Roots Banquet**, Featuring:
- Going Viral: How Aquaponics Is Transforming the World**
Murray Hallam, [Practical Aquaponics](#)
- Aquaponics for Community Development in Togo, West Africa**
Phil Reasons, [Aguasol International](#)
- Further Development of Aquaponics Technology in Canada**
Dr. Nick Savidov, [Lethbridge College](#)



Putting Down Roots Conference Schedule

Sunday, November 5, 2017

- 7:30 – 8:30 AM Breakfast, Association business remarks
- 8:30 – 10:25 AM Aquaponics Association Members Meeting
 - Member Statements
 - Board Votes



Morning Sessions:

SUNDAY	Commercial Aquaponics <i>West Salon A</i>	Community Aquaponics <i>West Salon B</i>	Applied Aquaponics Skills <i>Overton Room</i>
10:30 - 11:00	Growth of the Aquaponic and Aquaculture Industries George Brooks, NxT Horizon Group	Food Security in Urban Core and Satellite Communities Kevin Savage, Eagle Farms / Cincinnati Hills Christian Academy Rev. Thomas Hargis, Jubilee Farms / Jubilee Project	Nick Savidov Q&A
11:05 – 11:45	Moderated Discussion: Industry Food Safety Angela Tenbroeck, Center for Agricultural Sustainability and Excellence	Moderated Discussion: How Aquaponics Can Help Alleviate Hunger Jon Parr, SchoolGrown	Breeding Koi for Profit Ryan Chatterson, Chatterson Farms
11:50 – 12:30	Arvind Venkat Q&A	Murray Hallam Q&A	Water Quality & Aquaponics Management Josh Graybiel, Bren School of Environmental Science & Management, U.C. Santa Barbara

12:30 – 2:00 PM Closing Lunch

Featuring Special Panel: **AquaSpar Myth-Busters!**
Tawnya Sawyer, [Colorado Aquaponics](#), [The Aquaponics Source](#), Flourish Farms

Aquaponic Show Room Features:

Aquasol International

Chatterson Farms

Symbiotic Aquaponic

Teaching Institute for Excellence in STEM

Portland Metro Aquaponic Meetup Group

GroPockets

The Aquaponic Source

International Horticultural Technologies

Oregon Aquaculture Association

Bren School of Environmental Science & Management, U.C. Santa Barbara

“Snail-ponics” Presentation

