

**Hawaii Statewide Aquaculture Industry Summit:  
The Future of Hawaii's Blue Economy  
"Organizing for 2020"**

**November 16, 2017**



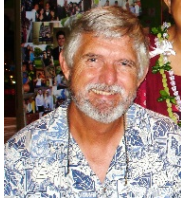


**NELHA, Kailua Kona, Hawaii**

8:00 AM	Registration/Continental Breakfast	
8:30 AM	Welcome Address	
9:00 AM	Video Highlights of Recent Aquaculture Activities Blue Ocean Mariculture; Kualoa Ranch Oyster Farm; OI-HPU Feed Mill	
9:30 AM	Hawaii Aquaculture Overview Dept. of Agriculture; University of Hawaii; Oceanic Institute; NELHA; NOAA	
10:30 AM	Overview of Morning Breakout Session Goals	
10:45 AM	Breakout Sessions by Sector Share success stories; identify strengths and weaknesses	Oceanic Farming
		Freshwater Farming
		Breeding and Seed Stock Marine Species
		Algae Production
11:45 AM	Reports from Sector Chairs	
12:00 PM	Buffet Lunch	
	Investor Fireside Chat hosted by Conservation International Varuna Fund, Ulupono Initiative, Althelia Ecosphere	
2:00 PM	Overview of Afternoon Breakout Session Goals	
2:15 PM	Breakout Sessions by Sector Industry Opportunities and Policies and Resources Needed	Oceanic Farming
		Freshwater Farming
		Breeding and Seed Stock Marine Species
		Algae Production
3:15 PM	Reports from the Sector Chairs	
3:30 PM	Investor Panel Reaction with Q&A	
4:30 PM	Organizing for 2020: Next Steps	
5:00 PM	Networking Reception with Heavy Pupus Featuring Locally Grown Seafood Keynote Speaker: Michael Jones, Maritime Alliance	
7:00 PM	End	




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<b>Investor Fireside Chat Speakers</b>		
<p>Jack Kittinger Senior Director of Fisheries and Aquaculture, Conservation International</p>		<p>Dr. John N. ("Jack") Kittinger is the senior director of the Global Fisheries and Aquaculture Program in Conservation International's Center for Oceans and a Professor of Practice in Arizona State University's Julie Ann Wrigley Global Institute of Sustainability. Under his leadership, CI works to protect biodiversity and improve the wellbeing of ocean-dependent communities by implementing sustainable fisheries and aquaculture solutions built on partnerships and investments from ocean to plate. A social scientist and marine ecologist by training, Dr. Kittinger takes a comprehensive interest in finding sustainable solutions to complex problems facing the ocean environment and the people who depend on it. A lifelong surfer, fisher and waterman, with family ties to the coastal Carolinas, he is committed to ocean-based learning experiences and to being in the water as often as possible. He and his family live in Niu Valley, Oahu, Hawai'i.</p>
<p>David Katz Founder and Managing Director, Varuna Capital LLC</p>		<p>David is a lifelong entrepreneur who founded, led, and exited from private and public companies in fields including biotech (Soil Technologies Corp and Biological Synthesis Corp), telecommunications (Telegroup Inc.), financial services (Cashland Corp), and real estate development. He structured Varuna Aquaculture Fund, a \$250 million private closed end investment vehicle focused exclusively on the aquaculture industry, with a planned launch in early 2018. He helps guide the fund's growth, vision, and development.</p>
<p>David Barley Investment Director, Althelia Ecosphere</p>		<p>David is Investment Director at Althelia Ecosphere, a leading European Impact Investor that focuses on high-impact investment solutions addressing major global environmental challenges such as climate change, protection of landscapes, biodiversity, soil and marine resources.</p> <p>David focuses on managing projects for Althelia Climate Fund and has co-led the launch of the Anthelia Sustainable Ocean Fund, a new investment vehicle supporting sustainable fishing, best practice aquaculture, supply chain investments and coastal conservation. Before joining Althelia, David worked extensively with the Prince's International Sustainability Unit, where he managed the organization's program on global food, energy and water security and for the fund manager Bridges Ventures where he supported their Impact+ advisory work. David has a BSc in Geography from University College London and an MSc in Sustainable Energy Futures from Imperial College London.</p>
<p>Kyle Datta General Partner, Ulupono Initiative</p>		<p>Kyle is responsible for developing Ulupono Initiative's partnerships with stakeholders, policy makers and community organizations. He also oversees the organization's systems-thinking approach to strategy development and transformation. Kyle is a member of Ulupono's management team.</p> <p>Kyle received a master's degree in public and private management from the Yale School of Organization and Management, as well as a master's degree in environmental science in resource economics from the Yale School of Forestry and Environmental Studies. His previous positions include CEO of U.S. Biodiesel Group; managing director of research and consulting at the Rocky Mountain Institute; and a vice president at Booz Allen Hamilton, where he served as managing director of the currently serves on the boards of directors for Blue Planet Foundation and the Johnson Ohana Charitable Foundation, and is national co-chair of the Sustainable Agriculture and Food Systems Funders.</p>

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<b>Evening Keynote Address</b>		
<p>Michael Jones President, The Maritime Alliance</p>		<p>Michael Jones is Founder and President of The Maritime Alliance (TMA) in San Diego, CA. TMA is an 11-year old, non-profit industry association and organizer of the largest U.S. BlueTech (ocean &amp; water technology) cluster and one of the largest in the world. Its Mission Statement is “Promoting Sustainable, Science-Based Ocean &amp; Water Industries”. TMA have a strong outreach effort to organize regional Blue Economy/BlueTech clusters and helped form the BlueTech Cluster Alliance with 8 leading BlueTech clusters in 7 countries. Michael studied in Germany, Italy, Peru, and the U.S. He is an angel investor, entrepreneur, founder of several non-profits, investment banker, and periodic part-time CFO. He is a non-resident Senior Fellow at The Foreign Policy Institute, Johns Hopkins University “School of Advanced International Studies” (SAIS) in Washington, DC to focus on the oceans the Blue Economy.</p>
<b>Breakout Session Facilitators</b>		
<p>Jim Wyban Director, Marine Genetics, LLC</p>		<p>Jim Wyban developed the world’s first SPF Shrimp and founded the world’s first SPF shrimp breeding company, High Health Aquaculture. He supplied SPF shrimp broodstock to 26 countries worldwide which transformed global shrimp farming and increased global production four fold. Jim sold HHA to SIS/CP Group in 2012. Jim is often called "the father of SPF shrimp" for his seminal role in developing and commercializing SPF shrimp worldwide. Jim currently provides consulting services in mariculture breeding and hatchery systems.</p>
<p>Ronald Weidenbach Co-owner, Hawaii Fish Company</p>		<p>Ron Weidenbach is Co-owner of Hawaii Fish Company, established in 1978 and located on the North Shore of Oahu since 1992. He is also President of the Hawaii Aquaculture and Aquaponics Association, Chair of the USDA/CTSA Industry Advisory Council, a Member of the UH Sea Grant Advisory Council, and a Founding Board Member of the UHH Pacific Aquaculture and Coastal Resource Center. Ron was previously a Research Fellow with the East West Center, an aquaculture consultant to the World Bank and Aquatic Farms, and a fisheries biologist with the University of Michigan, the National Audubon Society, and the University of Miami.</p>
<p>Chris Kruse Executive VP, Blue Ocean Mariculture</p>		<p>Chris Kruse is the EVP of Blue Ocean Mariculture, LLC. Blue Ocean is the leader in sustainable open ocean aquaculture in the US, producing Hawaiian Kanpachi (<i>Seriola Rivoliana</i>) for premium fresh seafood markets and discerning chefs. Over a 25-year career, Mr. Kruse has been the CEO of several high-tech companies in Silicon Valley, including Neon Labs, Inc., a leading machine learning and artificial intelligence (AI) technology company; LUZ Inc., a global language translation business, and CaseCentral, Inc., a pioneer in internet legal technology. Mr. Kruse holds a BS in International Politics from Georgetown University.</p>
<p>Gerry Cysewski CEO and President, Cyanotech Corp.</p>		<p>Dr. Gerald R. Cysewski has over thirty years’ experience in microalgae research and commercial production of microalgae products. He is the founder of Cyanotech Corporation of Kona, Hawaii, USA. He initially served as the Company’s Scientific Director and became President and CEO of Cyanotech in 1990. In May, 2008, Dr. Cysewski stepped down from the CEO and President position and became Cyanotech’s Chief Science officer, allowing him to once again focus on technical issues. In April 2016 he again assumed the position of CEO and President. He holds a</p>

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		<p>Bachelor of Science degree in Chemical Engineering from the University of Washington and a Doctorate in Chemical Engineering from the University of California at Berkeley.</p>
<b>Aquaculture Project Presenters</b>		
<p>Todd Madsen, Blue Ocean Mariculture</p>		<p>Todd Madsen is the President and Co-Founder of Blue Ocean Mariculture LLC. Blue Ocean is the leader in sustainable open ocean aquaculture in the U.S., producing Hawaiian Kanpachi (<i>Seriola rivoliana</i>) for premium fresh seafood markets and discerning chefs. Previously, Mr. Madsen served as President and CEO of OceanSpar, Inc., a maker of submersible net pen equipment for open ocean fish farms around the world. From 1999 to 2006, Mr. Madsen founded and served as President and CEO of ClaimIQ, Inc., a technology company providing solutions to the U.S. Property &amp; Casualty insurance industry. Prior to his company leadership positions, Mr. Madsen was a Principal in strategy and operations consulting with Mercer Management Consulting and Accenture, serving clients in the U.S., Germany, Singapore, Saudi Arabia and Mexico. Mr. Madsen holds an MBA in Finance and Economics from the University of Chicago and a BS in Computer Science from Illinois State University.</p>
<p>Ku’uipo McCarty Farm Manager, Kualoa Ranch Oyster Farm</p>		<p>Ku’uipo McCarty was raised in Hakipu’u Oahu and graduated from KCC with an Associate in Science degree, specializing in Occupational Therapy assisting in 1983. After pursuing education and employment opportunities in New Mexico she returned to Hawaii in 1987 and began her 29-year career with Kualoa Ranch. Initially hired as a sailboat captain she also conducted a therapeutic horsemanship program for 20 years while providing educational tours for community children. In 2007 she began overseeing stewardship of Moli’i fishpond. With the guidance of Dr. Bruce Anderson, oyster-growing trials were initiated in Moli’i. Results were promising and certification for consumption by DOH was granted in February 2014. Production has doubled yearly and our market in Hawaii has welcomed our locally grown product.</p>
<p>Shaun Moss Executive Director, Oceanic Institute</p>		<p>Dr. Shaun Moss received his doctoral degree in Zoology from the University of Hawaii in 1993. From 1993-1994, Dr. Moss worked in eastern Indonesia as a Fulbright Scholar and returned to Hawaii in 1994 where he was an Associate Professor in the Marine Sciences Department at Hawaii Pacific University. From 1997 - 2009, Dr. Moss served as Director of the Shrimp Department at Oceanic Institute (OI) where he conducted research on a variety of topics related to shrimp aquaculture including selective breeding, biosecurity, and environmentally sustainable growout technologies. From 2009 - 2012, Dr. Moss served as Vice President of Research and Development at OI and as Director of the USDA-funded U.S. Marine Shrimp Farming Program. From 2012 - 2013, Dr. Moss served as Acting President and Chief Executive Officer for Scientific Programs at OI. Currently, Dr. Moss is Executive Director of Oceanic Institute of Hawaii Pacific University. Dr. Moss is author/co-author on &gt; 60 peer-reviewed manuscripts, book chapters, and conference proceedings about various aspects of shrimp aquaculture and he has worked on aquaculture projects in China, India, Indonesia, Thailand, Singapore, and Vietnam.</p>