



Letter from the Director

Aloha & Happy Holidays,

We here at CTSA hope you are having a joyous holiday season with your loved ones. We look forward to welcoming in the New Year with many exciting new initiatives and projects from CTSA in 2016!

Thank you for your continued partnership and support of our program.

Mahalo,
Cheng-Sheng Lee
Executive Director, CTSA

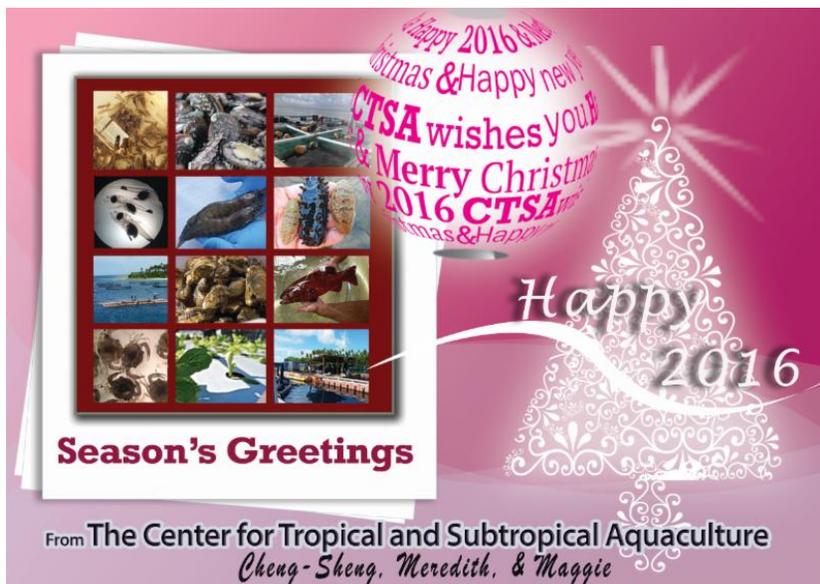
In This Issue

- Letter from the Director
- 2015 Progress Report Summaries
- December AquaClip

Quick Links

- www.ctsa.org
- www.oceanicinstitute.org

[Join our Mailing List!](#)

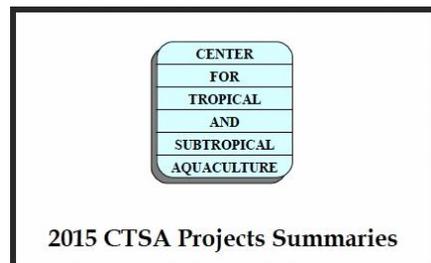


2015 CTSA 'Progress Report Summaries' Available for Download

As part of our annual reporting requirements, CTSA must submit a comprehensive Annual Accomplishment Report to the USDA every December.

This 100+ page report features full progress reports of ongoing CTSA-supported projects, as well as final reports of projects that were completed during the calendar year.

In an effort to consolidate information for our stakeholders, CTSA has prepared a 2-page summary of each project that was active during 2015. Each summary provides a brief description of the project, as well as the anticipated benefits, impacts, and current



progress of the work being done.

[Click here to download the PDF from the CTSA website.](#)

AquaClip ~ HPU Feed Mill Receives Additional \$1M Investment from Ulupono
from ulupono.com 'News' section

Hawaii Pacific University (HPU) and Ulupono Initiative announced the expansion of their year-old partnership, in anticipation of the groundbreaking for the research feed mill facility that aims to tackle the vital issue of Hawaii's local food security.

As part of its mission to increase the state's local food production, Ulupono Initiative is investing a total of \$2 million to help finance HPU's research feed mill, slated for construction on Hawaii Island. The long-planned project is spearheaded by the Oceanic Institute of Hawaii Pacific University (OI), a directed research unit of the university.

Hawaii's isolation as an island state makes food security a priority for its residents. Currently, 85-90 percent of the state's food is imported, making it particularly vulnerable to natural disasters and global events that disrupt shipping and food supply chains. Nearly all of Hawaii's animal feed is imported. For local animal producers, feed is the single largest operational cost.

"Hawaii's aquaculture and livestock industries play a critical role in the food security and resilience of our state, but they are threatened by the volatility of feed, fuel and fertilizer," said Kyle Datta, general partner of Ulupono Initiative. "We believe OI's feed mill will be a positive step in helping to stabilize feed supplies and prices for our local ranchers, and chicken, hog and dairy farmers."

Through this innovative feed mill project, OI researchers will create feed for animals-including cattle, poultry, and fish-incorporating co-products from local agriculture and biofuels industries and waste streams from local slaughterhouses and fish processing plants. Once formulated to meet each animal's specific nutritional needs, the feed will be tested on a scale relevant to Hawaii farmers.

[Click here to read the full story.](#)

The Center for Tropical and Subtropical Aquaculture (CTSA) is one of five regional aquaculture centers in the United States established and funded by the U.S. Department of Agriculture's National Institute of Food and Agriculture (NIFA) under grants 2008-38500-19435, 2010-38500-20948, and 2012-38500-19566. The regional aquaculture centers integrate individual and institutional expertise and resources in support of commercial aquaculture development. CTSA was established in 1986 and is jointly administered by the Oceanic Institute and the University of Hawaii.

Center for Tropical and Subtropical Aquaculture, 41-
202 Kalaniana'ole Highway, Waimanalo, HI 96795

SafeUnsubscribe™_mbrooks@ctsa.org

[Forward email](#) | [Update Profile](#) | [About our service provider](#)

Sent by mbrooks@ctsa.org in collaboration with



Try it free today

