



## Letter From the Director

Aloha and Happy Holidays!

As 2013 comes to a close and we prepare for the new year, I would like to reflect on the many CTSA activities of the past year (*links are included where applicable*).

Following procedural changes made during the Board of Directors retreat in January, we spent much of the year developing the 2013 Plan of Work. In addition to preparing for this next round of CTSA-sponsored projects, we also closed out several projects, which are highlighted in the forthcoming 50-page Annual Accomplishment Report (to be released in January e-Notes).

In the Spring, we released a 24-page "[CTSA Project Impacts](#)" publication showcasing the outputs and impacts of CTSA-sponsored research since the Center's inception. We also released a video titled "[Sustainable Aquaculture Feeds in the Pacific Region](#)" profiling various aquatic feeds research and extension activities across the islands.

This summer, we had the pleasure of co-planning and participating in an aquaponics workshop on Kauai led by Dr.'s Harry Ako and Clyde Tamaru, and Bernie Tsao (Kauai Community College aquaponics instructor and CTSA Industry Advisory Council member). The workshop was held as part of the CTSA-funded aquaponics project, and it focused on the commercial feasibility of aquaponics in the Pacific Islands.

In the Autumn, we released the "[Progress Report to the Public](#)" narrated video presentations of projects or project years completed from June 2012 to August 2013. We also released a video titled "[Aquaponics in the Pacific Islands](#)" profiling aquaponics farms and other activities in Hawaii and the region, including CTSA-supported research and extension efforts.

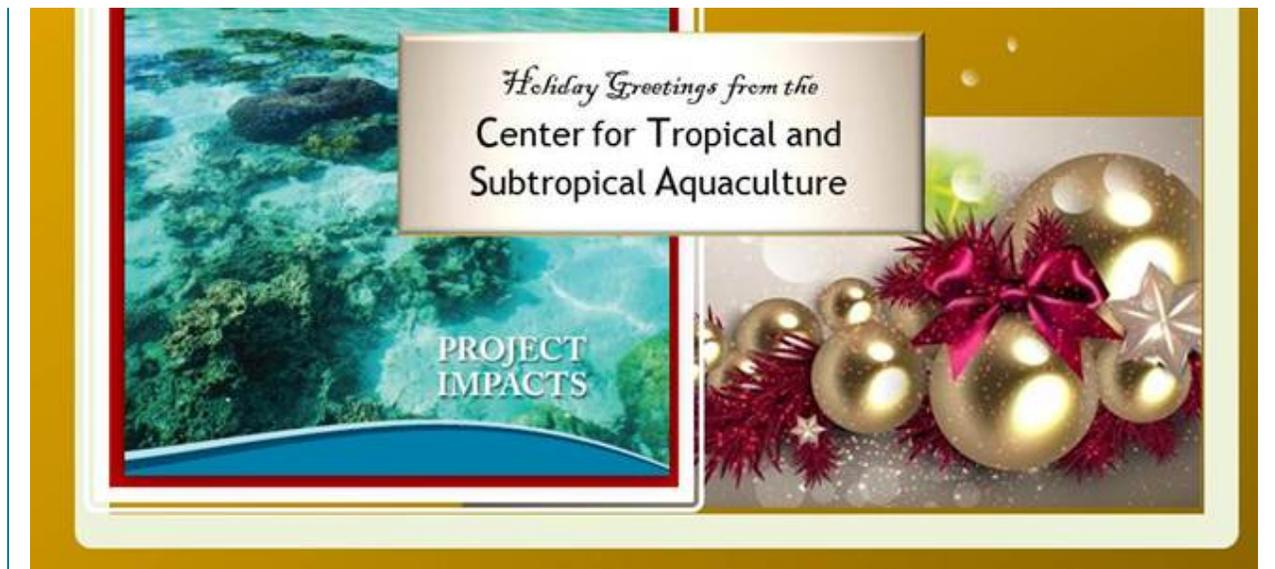
In case you missed these or other CTSA activities in 2013, every issue of [Regional e-Notes](#) is available for download from our website [www.ctsa.org](http://www.ctsa.org). We look forward to continuing our mission and collaborative efforts with you, our valued stakeholders, in 2014.

Mahalo,

*Cheng-Sheng Lee*

Executive Director, CTSA





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.

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