



# UNIVERSITY OF HAWAII SYSTEM

## Legislative Testimony

---

Testimony presented before the  
Senate Committees on Public Safety, Intergovernmental and Military Affairs  
and Economic Development, Government Operations and Housing  
March 31, 2014 at 2:45 p.m.

by  
Donald O. Straney  
Chancellor, University of Hawai'i at Hilo

SCR 83/SR 40 – COMMENDING AND SUPPORTING THE PACIFIC INTERNATIONAL SPACE CENTER FOR EXPLORATION SYSTEMS COLLABORATIVE WORK WITH THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION AND PRIVATE INDUSTRIES IN THE AREAS OF BASALTIC CONCRETE AND ADDITIVE MANUFACTURING AND REQUESTING COLLABORATION TO EXPLORE OPPORTUNITIES FOR APPLICATIONS OF BASALTIC CONCRETE AND ADDITIVE MANUFACTURING.

Chairs Espero and Dela Cruz, Vice Chairs Baker and Slom, and Members of the Committees:

My name is Donald Straney, Chancellor of the University of Hawai'i at Hilo (UH Hilo) and I fully support SCR 83/SR 40.

The Pacific International Space Center for Exploration Systems (PISCES) has initiated strategic programs to help to expand and diversify economic and workforce development opportunities throughout the State by promoting the establishment and growth of new sustainable and green industries, internships, and science, technology, engineering, and mathematics education programs.

PISCES leadership in the development of technologies that potentially will support the manufacture of a concrete substitute using Hawai'i's basalt in our abundant lava fields is a prime example of the collaboration with the National Aeronautics and Space Administration, county agencies and private industries.

UH Hilo and PISCES has an opportunity to collaborate to provide higher education and career options to the people of Hawai'i Island.

Thank you for the opportunity to testify on SCR 83/SR 40.