

Kaunānā is the online research publication of the University of Hawai'i at Mānoa.

# Kaunānā

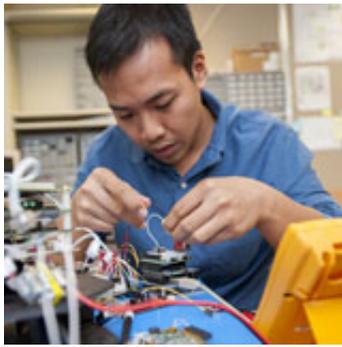
*Kau·nā·nā to discover, perceive*

*The Research Publication of the University of Hawai'i at Mānoa*



## Massive debris pile reveals risk of huge tsunamis in Hawaii

Marine debris discovered in a giant sinkhole on Kaua'i provides evidence that at least one mammoth tsunami, larger than any in Hawai'i's recorded history, has struck the islands, and that a similar disaster could happen again. A 9.0-magnitude earthquake off the coast of the Aleutian Islands triggered the mighty wave. Armed with new information, UH experts are now re-writing tsunami inundation maps statewide. (*Historic photo of 1946 tsunami courtesy USGS*).



## UH ranked for excellence in scientific publications

In the new National Taiwan University rankings, University of Hawai'i is ranked as a leader among the top universities worldwide for its scientific publications in the following areas:

- **Geosciences** – #17
- **Environment/Ecology** – #88
- **Physics** – #104
- **Natural Sciences** – #105
- **Plant & Animal Science** – #109



## ARL/UH and HNEI to study electrical grids at three naval bases in Hawaii

The Navy is the largest single electricity user in the Hawaiian islands. Under a new \$2.5 million energy research project, ARL/UH and the Hawai'i Natural Energy Institute (HNEI) will develop a power grid modernization strategy and action plan for the Navy in Hawai'i. It starts with a baseline study at Joint Base Pearl Harbor-Hickam, Marine Corps Base Hawaii, and the Pacific Missile Range Facility Barking Sands, Kauai.



## Check out these Research talks in November

- Nov. 10 at 4:00 pm:  
Thomas Lumpkin, CTAHR  
2014 Outstanding Alumnus  
- "Global Food Security by 2050: Challenges and Opportunities"
- Ruth Gates, Manoa  
Faculty Lecture Series -  
"The Wonderful World of Corals: Harnessing Basic Science to Address an Ecological Crisis."  
Presented at Hamilton Library on Nov. 5 and coming soon on UH cable TV.

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