Research at UH Manoa

Michael Bruno
Vice-Chancellor for Research
A Land-grant, Sea-grant, and Space-grant University

Carnegie Classification (February, 2016):
4,664 universities assessed. Of these, 2,665 confer 4-year or higher degrees as their main focus.
115 universities classified as Highest Research Activity, also commonly referred to as “Research 1” or “R1” universities.
The University of Hawai‘i at Mānoa is one of only 81 public universities – and the only indigenous serving university - in this elite group.

National Science Foundation (FY14):
University of Hawai‘i at Mānoa ranked 70th overall and 45th among U.S. public universities in the level of extramural research expenditures.
Ranked 58th overall and 32nd among U.S. public universities in level of Federal research expenditures.
Let’s talk $$
FACULTY TRAVEL FUND

• Supports travel to present results of research and scholarship at professional conferences.

• Up to $2,000; max one trip per fiscal year. Apply at least 4 weeks before travel.

• Priority given to new tenure-track faculty & those who have not traveled on URC funds during prior year.
Just ask
Office of Environmental Health & Safety

• Diving, lab, radiation & fire safety
• Occupational health & safety
• Environmental compliance
• Hazardous materials management
The Research & Training Revolving Fund

- Facilitates research and training at the University
- Enables the University to obtain grants and contracts
- Supports innovation and research commercialization

Funds are derived from indirect costs on grants & contracts

- 50% to Deans and Directors (FY16: $18.9 million)
How were the VCR-RTRF funds committed in FY 2015?

- Research Support: 53%
- Facilities - Equipment: 20%
- Cost Share: 4%
- Start-Up: 3%
- Sinclair Library - Bond: 3%
- CMORE - Hale - Bond: 15%
- Sinclair Library - Bond: 3%
UH gets $20M to study water sustainability

Associated Press
May 12, 2016
Updated May 12, 2016 10:45am

Water diverted from East Maui ran down a ditch toward sugar cane fields at Hawaiian Commercial & Sugar Co. plantation in Puunene in April 2010. The University of Hawaii was awarded $20 million to combine Native Hawaiian knowledge with modern geological data to figure out exactly how fresh water flows in Hawaii.
'Seismic strain': Land around the San Andreas fault is rising and sinking, new earthquake research shows

A photo shows a valley eroded along the San Andreas fault in the Carrizo Plain. (USGS)

By Rong-Gong Lin II

JUNE 22, 2016, 7:48 AM
Alzheimer’s Effects on the Brain Found in Young People

Researchers see changes linked to the disease in subjects ages 3 to 20 years old

By DANIELA HERNANDEZ
Updated July 13, 2016 6:33 p.m. ET

Changes in the brain associated with Alzheimer's disease can be seen as early as childhood in people with a heightened genetic risk, according to a study published Wednesday in the journal Neurology.
Overarching Goal: Increase the volume and impact of UH Mānoa research ACROSS disciplines

Five target areas:

1. Improve faculty research development support (across all academic units and ORUs)

2. Reduce faculty research administrative burden

3. Improve use and support of core research facilities

4. Enable and support student research

5. Understand – and communicate – the impact of research
A few pointers

- The best thing about a faculty member’s job...
- Collaborate, collaborate, collaborate
- Please include undergraduate students in your work
- Tell your stories!
- Never forget where we are