



UNIVERSITY
of HAWAI'I®

MĀNOA

Research at UH Manoa

Michael Bruno
Vice-Chancellor for Research



UNIVERSITY
of HAWAI'I®
MĀNOA

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 (FY15):

University of Hawai‘i at Mānoa ranked 74th overall and 48th among U.S. public universities in the level of extramural research expenditures (\$317 million).

Ranked 61st overall and **37th** among U.S. public universities in level of Federal research expenditures.



UNIVERSITY
of HAWAII®
MĀNOA

Let's talk \$\$



UNIVERSITY
of HAWAII®
MĀNOA

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.



UNIVERSITY
of HAWAII®

MĀNOA

Just ask



UNIVERSITY
of HAWAII®
MĀNOA

Office of Environmental Health & Safety

- Diving, lab, radiation & fire safety
- Occupational health & safety
- Environmental compliance
- Hazardous materials management



UNIVERSITY
of HAWAII®
MĀNOA

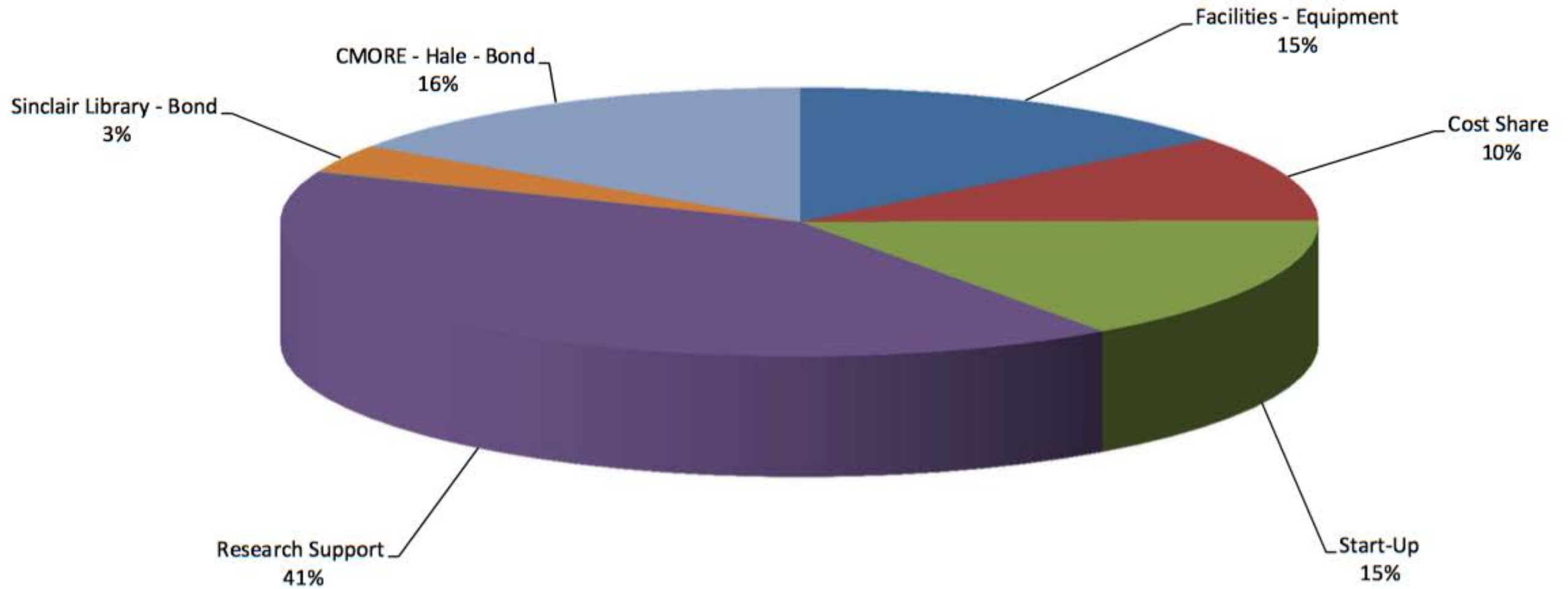
The Research & Training Revolving Fund

- 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 2016?





UNIVERSITY
of HAWAII[®]
MANOA

UHM Strategic Plan for research, including strategic hiring and investments

Summary of Primary Actions from the Manoa Research Strategic Plan

1. Improve faculty research development support

Create a web-enabled Faculty Research Innovation Education N Development "FRIEND" database to promote/enable collaboration

2. Reduce faculty research administrative burden

Provide support to PIs in units with poor admin infrastructure; also develop cookbooks & listserv

3. Improve use and support of core research facilities

Complete inventory of campus research facilities; online searchable information resource for campus core facilities.

4. Enable and support student research

Create Undergraduate Research Office (URO). Transition Undergraduate Research Opportunity Program (UROP) to OVCR

5. Understand – and communicate – the impact of research

Communication & outreach faculty training; Add research-related capacity to UH News and Communications Office; Unit-based network of communicators

Strategic Investments (2017-18)

Multi-disciplinary research & education initiatives

- **Microbiome, as applied to environment (land, ocean, atmosphere)**
- **Sustainability and Resilience Institute**
- **Data Analytics**

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**