



- |                            |   |           |
|----------------------------|---|-----------|
| 2.                         | National Institutes of Health<br>"HIV-1 Proviral DNA and Monocyte Phenotype in Relation to Neurocognitive Function (Supplement)"<br>Shiramizu, Bruce                      Pediatrics- MED<br>The grant application is a supplement to a funded R01 grant application that will collaborate with investigators at University of Puerto Rico-Medical Science Campus in studying neurocognitive problems in Hispanic women; in response to NIH NOT-NS-08-006.                                      | \$19,603  |
| 3.                         | NIH-Nat'l Cancer Institute (NCI)<br>"Multiethnic Cohort Study of Diet and Cancer (VDPP: Rarer Cancers)"<br>Kolonel, Laurence N                      Cancer Research Center<br>The goal of this supplemental project is to examine the relationship of vitamin D to the risk of several less common cancers.   | \$11,961  |
| 4.                         | NIH-Nat'l Heart, Lung & Blood Institute<br>"University of Hawaii Research Scientist Award in Molecular Cardiology"<br>Shohet, Ralph                      Medicine- MED<br>Phase II (years 3-7) will establish a research and education program with the recruited scientist as principal investigator.  | \$15,350  |
| FROM: DOC-Dept of Commerce |   |           |
| 1.                         | DOC-National Oceanic & Atmospheric Administration<br>"Measurement and Parameterization of Air-Sea DMS Transfer over the Southern Ocean in GasEx-III"<br>Huebert, Barry J                      Oceanography - SOEST<br>We propose to use our new method for measuring the rate at which the ocean absorbs and emits DMS gas, which is emitted by ocean algae and controls the whiteness of clouds. We will deploy this method on the NOAA ship Ronald H. Brown as part of the GasEx-III program. | \$137,454 |
| FROM: DOD-Dept of Defense  |   |           |
| 1.                         | DOD-Air Force Space & Missile System Center<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.  | \$693,465 |
| 2.                         | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.  | \$10,251  |
| 3.                         | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.  | \$6,264   |

- |     |  |             |
|-----|--|-------------|
| 4.  | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$12,532    |
| 5.  | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$759       |
| 6.  | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.  | \$1,518     |
| 7.  | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and managemtn of the Maui Supercomputing Center.  | \$4,554     |
| 8.  | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$1,709     |
| 9.  | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.  | \$3,417     |
| 10. | DOD-Dept of Air Force<br>"Operations and Management of the Maui Supercomputing Center"<br>Lassner, David K                      Info Technology Services<br>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.   | \$109,886   |
| 11. | DOD-US Army Medical Research & Material Command<br>"Diabetes Care and Treatment: A Telemedicine Initiative"<br>Bursell, Sven-Erik                      Dean's Office- MED<br>WCCHC-Waianae Coast Comprehensive Health Center, PCM-Physician's Center of Mililani, MGH-Molokai General Hospital; The major goals of this continuing project are the establishment and evaluation of a telemedicine system for comprehensive diabetes management and the assessment of diabetic retinopathy. | \$1,437,761 |



FROM: Nat'l Aeronautics & Space Administration		
1.	Nat'l Aeronautics & Space Administration	\$164,989
	"APANL: InSAR and Thermal Analyses of Kuril-Kamachatka Volcanoes"	
	Brooks, Benjamin	Haw Inst Geophys & Planet
	Relate remotely-sensed volcano deformation to eruptions.	
2.	Nat'l Aeronautics & Space Administration	\$132,656
	"CME Structure, Evolution and Interaction with the Ambient Corona"	
	Habbal, Shadia	Institute for Astronomy
	The program will demonstrate the role of solar magnetic field and their impact on the Earth's environment.	
3.	Nat'l Aeronautics & Space Administration	\$130,192
	"Large Scale and Fine Scale Density Structures of the Quiescent and Dynamic Solar Corona"	
	Habbal, Shadia	Institute for Astronomy
	We propose to apply a new image processing technique to a wide range of images of the corona during solar maximum. The goal is to achieve a better understanding of the magnetic features defining the corona, in particular their quiescent and dynamic behavior, and their subsequent impact of the solar wind.	
4.	Nat'l Aeronautics & Space Administration	\$14,967
	"TARGET C: The Cluster Mass-Temperature Relation Via Precise Weak Lensing Maps"	
	Henry, J Patrick	Institute for Astronomy
	We propose to measure the temperature of systems in the Canadian Cluster Comparison Project (CCCP). The CCCP is a Canada-Hawaii-France Telescope (CFHT) wide-field weak lensing survey of 52 clusters.	
5.	Nat'l Aeronautics & Space Administration	\$57,000
	"Chemical, Mineralogical, and Isotopic Characterization of Stardust Samples from Comet Wild 2 by Ion Microprobe and Confocal Raman Spectroscopy"	
	Huss, Gary	Haw Inst Geophys & Planet
	I propose to study samples returned by NASA's Stardust mission to comet Wild 2 using our new cameca ims 1280 ion microprobe and Witec Confocal Raman microscope. The results will give us a better understanding of the origin of the solar system.	
6.	Nat'l Aeronautics & Space Administration	\$60,000
	"Nature of Oxygen Isotopic Exchange in Refractory Inclusions"	
	Krot, Alexander N	Haw Inst Geophys & Planet
	Studies isotopic composition of materials.	
7.	Nat'l Aeronautics & Space Administration	\$225,000
	"Support Services, Maintenance and Calibration of the TLRS-4 System"	
	Kuhn, Jeffrey R	Institute for Astronomy
	To continue the history of Haleakala as one of two fixed, well-defined geometric reference points in NASA's tectonic motion data solution.	



15. Nat'l Aeronautics & Space Administration \$3,992,900  
 "The NASA Infrared Telescope Facility: Mission Support and Solar System Observations"  
 Tokunaga, Alan Institute for Astronomy  
 We propose to provide NASA with observations and research data aimed at providing support of spacecraft missions and basic research in support of the Planetary Astronomy program.

## FROM: Hawaii- Government Agencies

1. DLNR-Division of Forestry & Wildlife \$345,000  
 "Natural Area Reserves Management"  
 Duffy, David Botany  
 Research and manage endangered species in their protected habitats in the state's natural area reserves.
2. DLNR-Division of Forestry & Wildlife \$49,140  
 "Survey and Collection of Propagules of 17 Critically Rare Plant Taxa in the Ko'olau Mountains Watershed Areas"  
 Morden, Clifford W Botany  
 Preserve and protect the most critically endangered plants in the Koolau watershed on Oahu by monitoring known populations of target species, surveying for additional populations, and identifying threats while implementing threat management.
3. DLNR-Division of Forestry & Wildlife \$55,371  
 "Forestry and Watershed Planner"  
 Morden, Clifford W Botany  
 Create a prioritized schedule of actions for forest reserves on Kauai and Maui, working closely with watershed planners on both islands.
4. Hawaii-Dept of Health \$24,999  
 "Water Quality Analysis in Hawaii, Laboratory Studies of Pollutant Loading"  
 Babcock, Roger W Water Resource Research  
 Support in developing statewide water pollution control and water quality management policy through the quantification and analysis of ambient water quality and pollutant loading in surface water.
5. Hawaii-Dept of Land & Natural Resources \$65,000  
 "APHIS/WS Avian Influenza Surveillance Implementation Plan"  
 Duffy, David Botany  
 Work collaboratively with multiple partners to sample bird populations for avian influenza.
6. Hawaii-Dept of Land & Natural Resources \$143,138  
 "Lana'ihale Forest and Watershed Project - 2008"  
 Duffy, David Botany  
 Research and monitor endangered seabirds, focusing on habitat restoration in Lanaihale.

7. Hawaii-Dept of Land & Natural Resources \$83,387  
 "Black Coral Density and Uncertain Taxonomy: What are the Implications for the Black Coral Fishery?"  
 Wiltshire, John C HURL - SOEST  
 These dives will allow resource manager to measure black coral species densities with a better understanding of species identification.
8. Hawaii-Dept of Land & Natural Resources \$17,000  
 "Black Coral Density and Uncertain Taxonomy: What are the Implication for the Black Coral Fishery? Part II"  
 Wiltshire, John C HURL - SOEST  
 These dives will allow managers to measure black coral species densities with a better understanding of species identification.
- FROM: Hawaii- Associations, Foundations, Societies, etc.
1. Tri-Isle Resource Conservation & Development Council \$150,000  
 "Maui Invasive Species Committee Coqui Frog Project"  
 Duffy, David Botany  
 Detect and eradicate coqui frog populations on Maui.
2. Tri-Isle Resource Conservation & Development Council \$125,000  
 "East Maui Watershed Threat Abatement and Control"  
 Morden, Clifford W Botany  
 Continue adaptive watershed management focusing on threat abatement and control techniques.
- FROM: Hawaii- Business and Other
1. Hawaii business and entrepreneur Acceleration \$10,000  
 "Evaluation of Syrbactins in TH-MYCN Neuroblastoma Tumor Model"  
 Bachmann, Andre S Cancer Research Center  
 Determine the efficacy of a novel proteasome inhibitor, syringolin A as well as related glidobactin A, and derivatives thereof (together called syrbactins) in a neuroblasotma tumor model (TH-MYCN mice).
- FROM: Hawaii- Health Organizations
1. Queen's Medical Center \$63,000  
 "Memorandum of Understanding between the QMC and UHM SONDH"  
 Inouye, Jillian Nursing  
 Develop strategies and plans for collaborative research activities, identify shared educational opportunities, support participation in identified committees at each organization, promote the appointment of QMC staff as non-compensated clinical faculty at UHM and promote ongoing communication to identify opportunities to expand future education and practice partnerships.



FROM: Mainland- Associations, Foundation, Soc, etc.		
1. American Astronomical Society		\$2,685
"Eruptive Variables and their Importance in Star Formation"		
Aspin, Colin	Institute for Astronomy	
Research is focused on the role of eruptive variables in early formative stages in young stars. Funding is requested to support publishing papers on research results and purchasing equipment used in research.		
FROM: Mainland- Business		
1. Booz, Allen & Hamilton Inc		\$19,448
"caBIG (Cancer Biomedical Informatics Grid) - Task Order #4"		
Wilkens, Lynne	Cancer Research Center	
Vocabulary and Common Data Elements Workspace: evaluating and integrating systems for vocabulary and ontology content development, as well as software systems for content delivery; developing standards for the representation of ontologies and vocabularies, and assessments of existing systems for use within the caBIG; developing vocabulary and ontology content.		
2. Booz, Allen & Hamilton Inc		\$19,448
"caBIG (Cancer Biomedical Informatics Grid) - Base Agreement"		
Wilkens, Lynne	Cancer Research Center	
The CRCH group will be working with the NCICB EVS group to add functionality to the NCI Thesaurus in Nutritional Epidemiology. The ultimate goal is to create a reservoir of information that has accepted terminology and links between dietary elements.		
3. Concurrent Technologies Corporation		\$815,040
"Hawaii Underwater Chemical Munitions Survey Plan"		
Syrmos, Vassilis L	Vice Chancellor Research	
To survey the Hawaiian Waters for Chemical Munitions.		
4. DiObex Inc.		\$2,663
"DiObex Inc. DIO-502"		
Arakaki, Richard F	Medicine- MED	
This is a Phase 2b study, randomized, double-blind, parallel-group. It will investigate the safety and efficacy of 16-weeks of treatment with DIO-902 or DIO-902 Placebo in addition to Metformin and Atorvastatin or Atrovastatin placebo in subjects with type 2 diabetes.		
5. Health Research, Inc		\$139,260
"Chemical Markers of Heterocyclic Aromatic Amines for Human Biomonitoring"		
Le Marchand, Loic	Cancer Research Center	
Establish noninvasive chemical markers of heterocyclic aromatic amines (HAAs) to allow for an assessment of long-term HAA exposure through the diet to determine cancer risk.		

FROM: Mainland- Other		
1. Jet Propulsion Lab		\$42,900
"Martian Bulk Composition and Crustal Evolution"		
Taylor, G Jeffrey	Haw Inst Geophys & Planet	
Use data from the Mars Odyssey Gamma-Ray spectrometer to understand the geochemistry of Martian crust.		
FROM: U.S. Universities and Colleges		
1. Case Western Reserve University		\$74,875
"Metabolic Consequences of Thymidine Sparing Regimens"		
Gerschenson, Mariana	School of Medicine	
Perform laboratory assays on samples submitted by Case Western.		
2. Cornell University		\$49,006
"Stardust-NExT Project"		
Meech, Karen J	Institute for Astronomy	
To define the rotation period of the comet to assess the observing strategy and to enable the determination of the appropriate strategies for targeting the impact crater on the flyby of comet 9P/Tempel 1.		
3. Indiana University		\$48,924
"Development of Isoform Specific Sensory Neuronal Sodium Channel Blockers"		
Bingham, Jon-Paul	Molecular Biosciences &	
Solid-phase Peptide Synthesis of a spider toxin; work involves a total 'alanine-walk' for structure activity determinants; quantification of peptide toxins for pharmacological analysis.		
4. Univ of California- Berkeley		\$201,500
"Collaborative Research with the SuperNova Integral Field Spectrograph (SNIFS) and the University of Hawaii 2.2 Meter Telescope"		
Aspin, Colin	Institute for Astronomy	
To continue collaboration with the Nearby Supernova Factory and the University of California in providing telescope time for the SNIFS instrument to conduct supernova studies.		
5. Univ of California- Davis		\$7,000
"2008 Hawaii Food Use Field Research Center Support"		
Kawate, Michael K	Plant & Environmental Protection	
For the purchase of an ultra-low temperature freezer for coffee projects.		
6. Univ of Maryland		\$124,000
"Alliance for Coastal Technology"		
Atkinson, Marlin J	Haw Inst Marine Bio-SOEST	
Evaluate and test sensors for monitoring coastal environment.		

7. University of Cincinnati \$157,253  
 "Food Intake and Obesity in Cloned Mice"  
 Yamazaki, Yukiko Anatomy- MED  
 The major goal of this project is to examine the food intake and obesity in mice cloned from adult somatic cells.

FROM: All Non-U.S.

1. APEC Climate Center (APCC) \$158,618  
 "Development of Long-Lead Coupled Model Prediction and ISO Prediction System"  
 Wang, Bin Meteorology - SOEST  
 Facilitate establishment of APCC one-tier seasonal prediction system and development of the capacity for intraseasonal prediction.
2. University of Auckland \$18,042  
 "The Dynamics of Deep Marine Explosive Volcanic Eruptions: Insights from the Kermadec Arc"  
 Houghton, Bruce Geology & Geophys - SOEST  
 To quantify microtextures of pumice from selected eruptions from Kermadec volcanoes.

#### NON-RESEARCH AWARDS

FROM: Dept of Education

1. DOI-Haleakala National Park \$45,957  
 "Hawaii Preservation Field School, Hawaii Volcanoes National Park"  
 Chapman, William R American Studies  
 National Parks Service and UH American studies Historic Preservation Program will collaborate on a 4-week field school that will provide unique education opportunities for community, staff and students, and will aid the park in its historic resource inventory.

FROM: DOC-Dept of Commerce

1. DOC-Minority Business Development Agency \$178,238  
 "Honolulu Minority Business Enterprise Center"  
 Rota, Michael T Office, VP Community Coll.  
 The Minority Business Development Agency Award supports the Honolulu Minority Business Enterprise Center that will provide economic development and technical assistance work to minority business enterprises located in Hawaii.

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research \$8,000,000  
 "The Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)"  
 Kaiser, Nick Institute for Astronomy  
 Design and construction of the Panoramic Survey Telescope and Rapid Response System (Pan-STARRS).

- |                                   |  |             |
|-----------------------------------|--|-------------|
| 2.                                | DOD-Dept of Defense<br>"Memorandum of Agreement Regarding High Performance Communication Cooperation"<br>Lassner, David K                      Info Technology Services<br>Provision of Trans-Pacific Network capacity between Hawaii and California for Defense Research and Engineering Network (DREN).  | \$175,560   |
| 3.                                | DOD-Naval Research Laboratory<br>"Supplement to: RV Kilo Moana Ship Operations and Technical Support Services"<br>Taylor, Brian                              Sch Ocean,Earth Sci & Tec<br>Operation of R/V Kilo Moana for ONR-sponsored research projects in 2008.   | \$1,341,600 |
| FROM: ED-Dept of Education        |  |             |
| 1.                                | ED-Dept of Education<br>"Center for Southeast Asian Studies National Resource Center - FLAS"<br>Andaya, Barbara W                      South Asian Stud- SHAPS<br>Support for programs in Southeast Asian Studies campus wide including foreign language fellowships.  | \$315,500   |
| 2.                                | ED-Dept of Education<br>"National Resource Center for East Asian Studies at the University of Hawaii - FLAS"<br>Huey, Robert                              Japanese Studies- SHAPS<br>Funding for new course development evaluation of East Asian Languages Program (including placement tests) outreach activities, library acquisitions, and graduate student fellowships in East Asian Studies at University of Hawaii.  | \$301,500   |
| FROM: National Science Foundation |  |             |
| 1.                                | National Science Foundation<br>"REU Site: Integrating the Study of Hawaiian Landscapes through Archaeology, Geography, Hawaiian Studies, and History"<br>Graves, Michael W                      Anthropology<br>This project will provide an Integrative Research Experience for Undergraduates in archaeology, geography, Hawaiian Studies, and history, part of a program of research in North Kohala, Hawaii Island. Research will focus on traditional Hawaiian settlements, subsistence/resources, and social organization and complexity. Students will combine intensive classroom/laboratory experiences learning GIS and database management with six weeks of archaeology field training, and produce an original research report. | \$99,844    |

- |  |  |           |
|--|--|-----------|
| 2.   | National Science Foundation<br>"University of Hawaii Partnership with the NSF I/U CRC for Telecommunications Systems"<br>Iskander, Magdy F                      HCAC (HI Ctr for Advanced<br>This is a supplemental funding request for the I/U CRC Connection One Center for Telecommunications. The requested supplemental funding will be used to support the Research Experience for Teachers (RET) to expand the program to include four additional schools which are Waianae Intermediate, Nanakuli High/Intermediate, Stevenson Middle, and Kapaa Middle Schools. | \$40,000  |
| 3.   | National Science Foundation<br>"Roots, Resilience, and Reach: Strengthening the STEM Infrastructure at Kapiolani Community College, University of Hawaii"<br>Richards, Leon                      Kapiolani CC<br>To develop a Science, Technology, Engineering and Math (STEM) Pipeline of support services, faculty and curriculum development so that a growing number of Hawaiian and underrepresented students can successfully pursue STEM majors and careers.  | \$250,000 |
| FROM: Hawaii- Government Agencies                        |  |           |
| 1.   | Hawaii-Dept of Health<br>"Project Makana Nui: Making Activity Kind, Accessible, Nurturing & Active with Nutrition for You and I"<br>Maeda, Julienne                      Kinesiology & Leisure Sci<br>Provide SPRK, CATCH, and nutrition training to Recreation Directors at 7 target Summer Fun sites.  | \$3,623   |
| 2.   | Hawaii-Dept of Health<br>"State of Hawaii Department of Health Memorandum of Agreement"<br>Qureshi, Kristine                      School of Nursing<br>Contractor shall provide support services to establish and implement a framework for an active Medical Reserve Corps on each of the four counties in the State of Hawaii: Oahu, Hawaii, Maui, and Kauai.  | \$48,000  |
| 3.   | Hawaii-Dept of Land & Natural Resources<br>"Lanaihale Watershed: Outreach for Managing Biodiversity and Forest Integrity - 2008"<br>Duffy, David                      Botany<br>Conduct public outreach and education to gain public understanding and support for conservation efforts on Lanaihale watershed.  | \$22,695  |
| FROM: Hawaii- Associations, Foundations, Societies, etc. |  |           |
| 1.   | Tri-Isle Resource Conservation & Development Council<br>"Banana Bunchy Top Virus on Maui"<br>Duffy, David                      Botany<br>Eradicate banana bunchy top virus in known infected areas on Maui while containing the spread.  | \$46,000  |

2. Tri-Isle Resource Conservation & Development Council \$496,000  
 "Support for the Maui County Invasive Species Committee Project: FY 08"  
 Duffy, David Botany  
 Detect, control, and eradicate various alien invasive species on Maui.
- FROM: Hawaii- Business and Other
1. Olelo Community Television \$60,000  
 "University of Hawaii - Supplemental Projects 2007"  
 Okimoto, Hae K Info Technology Services  
 Produce courses and programs for the public access channel, Oceanic 55.
- FROM: Hawaii- Health Organizations
1. Kalihi-Palama Health Center \$27,581  
 "Improving Heart Health and Changing Lives in Filipino Communities Initiative"  
 Leake, Anne R. Nursing  
 Anne Leake will serve as Project Director at 15% FTE, responsible overall operation of this community-based project focused on cardiovascular disease prevention in the Filipino community on Oahu. She will provide clinical services for 10% FTE.
- FROM: Mainland- Health Organizations
1. Gilead Foundation \$150,000  
 "SEARCH Regional HIV/AIDS Training"  
 Shikuma, Cecilia M Medicine- MED  
 Provide advanced HIV training in SE Asia, to physicians, nurses, laboratory technicians and peer educators who have basic HIV/AIDS knowledge and are caring for patients with HIV.
- FROM: U.S. Universities and Colleges
1. Univ of California- Los Angeles \$108,078  
 "The Alliance for Inclusion Advancement"  
 Stodden, Robert A Center on Disability Studies  
 Over the 3 years period, CDS will establish 3 local inclusion network collaboration (LNC's) to build capacity of service programs and disability organizations to entice people with disabilities in service; facilitate 9 match-making meetings between national service programs and local disability organizations to place individuals with disabilities in service
- FROM: All Non-U.S.
1. Guam Department of Public Health & Social Services \$25,000  
 "Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract from Guam DPHSS)"  
 Palafox, Neal A Fam Prac & Comm Hlth- MED  
 Implement the Pacific Regional Comprehensive Cancer Control Program in conjunction with the USAPI jurisdictions; develop a shared cancer resource for use by the jurisdictions; conduct relevant training for health providers; build capacity and policies relevant to cancer control.

2. University of Queensland \$15,000

"Global Environmental Facility PhD"

Gates, Ruth

Haw Inst Marine Bio-SOEST

Support the education of one developing country PhD student at UH, offset the running costs and participation of developing country students in training workshops at HIMB. Support travel costs for the PI to interact with the Bleaching Group embedded within the Global Coral Reef Targeted Research & Capacity Building Project.

## Funds Received from UH Foundation

## RESEARCH AWARDS

FROM: Hawaii- Associations, Foundations, Societies, etc.

- |    |  |          |
|----|--|----------|
| 1. | Univ of Hawaii Foundation<br>"The Primal Quest"<br>Herman, Louis G                      UH-West Oahu<br>Salary of lecturer replacement for Louis Herman to continue work on his Primal Quest book, manuscript, and multimedia project. Money received from Doran Foundation. | \$5,000  |
| 2. | Univ of Hawaii Foundation<br>"Cell and Molecular Biology Program"<br>Humphreys, Tom D                      Pacific Biosciences Research<br>Study of development and regeneration of neural structures of Ptychoderal Flava.  | \$20,000 |

## NON-RESEARCH AWARDS

FROM: Hawaii- Associations, Foundations, Societies, etc.

- |    |  |          |
|----|--|----------|
| 1. | Univ of Hawaii Foundation<br>"CCS Staff and Student Support"<br>Chang, Rosita P.                      Chinese Studies- SHAPS<br>Funds to pay salary and fringes for students and staff working on various projects of the Center for Chinese Studies.  | \$10,000 |
| 2. | Univ of Hawaii Foundation<br>"Lyon Arboretum Memorial Account"<br>Dunn, Christopher                      Lyon Arboretum<br>To support the repairs and maintenance of existing memorials located at the Lyon Arboretum and to work on new memorial projects as requested by donors.           | \$5,000  |
| 3. | Univ of Hawaii Foundation<br>"Sen Soshitsu Students'/Staff Support"<br>Huey, Robert                      Japanese Studies- SHAPS<br>To cover salary and fringe benefits - costs for students and staff support at the Center for Japanese Studies.   | \$4,000  |
| 4. | Univ of Hawaii Foundation<br>"P-20 Expenditures"<br>Johnsrud, Linda                      College of Education<br>To pay for salary and fringe cost for P-20 staff to provide event coordination support work and communicate with the partner organizations involved in the P-20 Initiative. | \$20,948 |



- 5. Univ of Hawaii Foundation \$1,995,400  
"Equipment for Ocean Science Facility"  
Karl, David M Oceanography - SOEST  
To build a common vision for the field of Microbial Oceanography (C-MORE/Moore Foundation).
  
- 6. Univ of Hawaii Foundation \$4,940  
"UHF MCC Development Fund Support for MCC General Laborer"  
Tamanaha, David S Maui CC  
UHF MCC Development Funds to support 33% if the MCC General Laborer position (900184). This position to support campus beautification and preventative maintenance projects, campus-wide.

EXTRAMURAL RESEARCH AWARDS  
FOR THE MONTH OF APRIL 2008  
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	1	\$139,134	0.97
Dept of Education	2	\$48,713	0.34
DHHS-Dept of Health & Human Services	4	\$882,142	6.18
DOC-Dept of Commerce	1	\$137,454	0.96
DOD-Dept of Defense	11	\$2,282,116	15.98
DOE-Dept of Energy	1	\$425,000	2.98
National Science Foundation	5	\$1,858,405	13.01
Nat'l Aeronautics & Space Administration	15	\$5,469,957	38.31
Hawaii- Government Agencies	8	\$783,035	5.48
Hawaii- Associations, Foundations, Societies, etc.	4	\$300,000	2.10
Hawaii- Business and Other	1	\$10,000	0.07
Hawaii- Health Organizations	1	\$63,000	0.44
Mainland- Associations, Foundation, Soc, etc.	1	\$2,685	0.02
Mainland- Business	5	\$995,859	6.97
Mainland- Other	1	\$42,900	0.30
U.S. Universities and Colleges	7	\$662,558	4.64
All Non-U.S.	<u>2</u>	<u>\$176,660</u>	<u>1.24</u>
	70	\$14,279,618	100.00

EXTRAMURAL NON-RESEARCH AWARDS  
FOR THE MONTH OF APRIL 2008  
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
Dept of Education	1	\$45,957	0.33
DOC-Dept of Commerce	1	\$178,238	1.29
DOD-Dept of Defense	3	\$9,517,160	69.01
ED-Dept of Education	2	\$617,000	4.47
National Science Foundation	3	\$389,844	2.83
Hawaii- Government Agencies	3	\$74,318	0.54
Hawaii- Associations, Foundations, Societies, etc.	8	\$2,582,288	18.73
Hawaii- Business and Other	1	\$60,000	0.44
Hawaii- Health Organizations	1	\$27,581	0.20
Mainland- Health Organizations	1	\$150,000	1.09
U.S. Universities and Colleges	1	\$108,078	0.78
All Non-U.S.	<u>2</u>	<u>\$40,000</u>	<u>0.29</u>
	27	\$13,790,464	100.00

EXTRAMURAL RESEARCH AWARDS  
YEAR TO DATE: 7/01/2007 - 4/30/2008  
DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
World Turtle Trust	1	\$49,533	0.03
DA-Dept of Agriculture	25	\$3,020,344	1.72
Dept of Education	29	\$1,858,197	1.06
DHHS-Dept of Health & Human Services	77	\$41,000,116	23.34
DOC-Dept of Commerce	57	\$25,184,548	14.34
DOD-Dept of Defense	135	\$37,703,001	21.47
DOE-Dept of Energy	12	\$2,073,309	1.18
ED-Dept of Education	1	\$300,000	0.17
Environmental Protection Agency	3	\$183,569	0.10
National Science Foundation	96	\$20,740,549	11.81
Nat'l Aeronautics & Space Administration	75	\$13,511,858	7.69
Independent Federal Agencies- Minor	1	\$120,000	0.07
Hawaii- Government Agencies	80	\$10,247,343	5.83
Hawaii- Associations, Foundations, Societies, etc.	49	\$2,354,724	1.34
Hawaii- Business and Other	25	\$1,517,616	0.86
Hawaii- Health Organizations	7	\$298,130	0.17
Mainland- Associations, Foundation, Soc, etc.	20	\$1,131,838	0.64
Mainland- Business	37	\$3,915,884	2.23
Mainland- Health Organizations	7	\$911,583	0.52
Mainland- Other	35	\$1,875,314	1.07
U.S. Universities and Colleges	72	\$6,375,695	3.63
All Non-U.S.	17	\$943,349	0.54
Miscellaneous	4	\$323,422	0.18
	865	\$175,639,921	100.00

## EXTRAMURAL NON-RESEARCH AWARDS

YEAR TO DATE: 7/01/2007 - 4/30/2008

## DISTRIBUTION BY SPONSORS

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
University of Hawaii Foundation	1	\$1,900	0.00
DA-Dept of Agriculture	11	\$2,799,559	2.40
Dept of Education	12	\$743,423	0.64
DHHS-Dept of Health & Human Services	31	\$16,279,350	13.96
DOC-Dept of Commerce	18	\$1,834,487	1.57
DOD-Dept of Defense	10	\$11,780,126	10.10
ED-Dept of Education	47	\$18,079,375	15.50
HUD-Dept of Housing & Urban Development	2	\$1,381,247	1.18
Environmental Protection Agency	1	\$14,114	0.01
National Science Foundation	16	\$4,529,070	3.88
Nat'l Aeronautics & Space Administration	7	\$873,646	0.75
Independent Federal Agencies- Minor	6	\$686,995	0.59
Hawaii- Government Agencies	101	\$28,453,848	24.39
Hawaii- Associations, Foundations, Societies, etc.	86	\$7,528,073	6.45
Hawaii- Business and Other	29	\$3,908,959	3.35
Hawaii- Health Organizations	26	\$9,689,210	8.31
Mainland- Associations, Foundation, Soc, etc.	17	\$995,739	0.85
Mainland- Business	5	\$322,330	0.28
Mainland- Health Organizations	3	\$170,540	0.15
Mainland- Other	8	\$253,271	0.22
U.S. Universities and Colleges	24	\$1,094,236	0.94
All Non-U.S.	20	\$5,108,582	4.38
Miscellaneous	3	\$115,770	0.10
	<u>484</u>	<u>\$116,643,850</u>	<u>100.00</u>