BOARD OF REGENTS’ MEETING

Date: November 15-16, 2007  
Board business not completed on the first day will be taken up on the second day at a time announced at the conclusion of the first day’s meeting.

Time: 9:30 a.m.

Place: Maui Community College  
Laulima #105  
310 Ka‘ahumanu Ave.  
Kahului, HI  96732

AGENDA

I.  Call Meeting to Order

II.  Public Comment Period:  
Individuals may orally testify on items on this agenda either during the Public Comment Period or when the agenda item is taken up by the Board. If you wish to testify orally, please call the Board Office prior to the meeting or notify the Secretary of the Board at the meeting site. The order of testimony will generally reflect the order of notification. Each speaker will be allowed three minutes to present testimony. Written testimony is also accepted.

III.  Report of the President

IV.  Report of the University of Hawai‘i Foundation

V.  Items for Board Action:

University of Hawai‘i System
1.  Approval of Amendment to BOR Policy: B-Plus Scholarships
2.  Approval of Amendment to BOR Policy: Chartered Student Organizations
3.  Approval of CIP and R&M Project Contracts for 3rd Quarter
4.  Approval to Amend BOR Policy Chapter 9, Section 9-1a (3), Department Chairs, and Section 9.1a. (4) Special Program Directors and Chairs of Academic Subdivisions
5.  Approval of Revisions to the UH Community College Faculty Classification Plan
6.  Approval of Lease Extension for Mānoa Innovation Center
7.  Approval to Amend BOR Policy Section 8-7, Travel Reports

University of Hawai‘i – Mānoa
8.  Approval of Proposed Amendments to BOR Policy 9-10.a and 9-10.b on Faculty Housing
9.  Approval of College of Tropical Agriculture and Human Resources Kaua‘i Land Transactions with Dept. of Land and Natural Resources
10.  Approval of Long Range Development Plan Update
11.  Authorization for Public Hearing to Amend Chapter 20-12, Hawai‘i Admin. Rules, on Parking Regulations
Board of Regents’ Meeting of Nov. 15-16, 2007 – Agenda (cont.)

University of Hawai‘i – West O‘ahu
12. Approval of Land Transaction with State Dept. of Transportation

University of Hawai‘i Community Colleges
13. Approval of Associate in Science Degree in Dental Hygiene – Maui Community College

VI. Acceptance and Approval of Gifts, Grants and Contracts [Attachments A-1 & A-2]

VII. Approval of Appointments, Changes in Appointments, Leaves of Absence, Promotion, Tenure, Waiver of Minimum Qualifications, Emeritus Titles, Shortening of Probationary Period, Salary Adjustments, Position Actions, Classification, Pricing, [Attachment B]

VIII. Announcements

A. Next Meeting of the Board:
   Date: January 10-11, 2008
   Place: University of Hawai‘i at Mānoa

B. Board Committees and Task Group Assignments

IX. Executive Session (closed to the public)

   Legal Matters  (To consult with attorneys on powers, immunities, and liabilities in executive session pursuant to HRS § 92 5(a)(4))

   a. Approval of Amendment to BOR Policy: Chartered Student Organizations
   b. U.S. – China Center Lease

   Personnel Actions Related to the Following Positions: (Personnel actions noticed below will be discussed in executive session pursuant to HRS § 92-5(a)(2))

   c. Approval of Emeritus Professor Title – Hawai‘i Community College
   d. Approval of Emeritus Professor Titles – Kaua‘i Community College
   e. Approval of Reappointment of Interim Dean, John A. Burns School of Medicine
   f. Update on Executive Searches

X. Adjournment
The following gifts, grants, and contracts received during the period August 1, 2007 through August 31, 2007 total $45,442,012. The University of Hawai'i at Hilo received a total of $4,318,598 during the same period.

A-1 Gifts, Grants, and Contracts Received August 1-31, 2007

RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture $194,000
   "Hawaii Experimental Tropical Forest"
   Duffy, David Botany
   Build research expertise and infrastructure at the newly established Hawaii Experimental Tropical Forest to help enhance the capabilities to conduct research in watershed science, silviculture, restoration ecology, wetlands biology and other disciplines in the Forest.

2. DA-Dept of Agriculture $60,500
   "USDA-ARS Specific Cooperative Agreement No. 58-6615-4-237, Amendment 03"
   Grace, J Kenneth Plant & Environmental
   Monitor the distribution of invasive termites, assess and improve termite prevention and control techniques, and investigate termite behavioral ecology with respect to control methodology.

3. DA-Dept of Agriculture $6,550
   "2007 -- Funding for Research of Mutual Interest - Amendment #1"
   Grace, J Kenneth Plant & Environmental
   Continuation of student assistants at Manoa ARS facility for ongoing research and grant studies.
4. DA-Dept of Agriculture $550,000
"Area-Wide Pest Management Tephritid Flies that Infest Hawaii-Grown Fruits and Vegetables"
Mau, Ronald Plant & Environmental
Perform research on the field behavior of oriental fruit fly in papaya at Puna, Hawaii. Determine the impact of area-wide fruit fly suppression practices on fruit infestation and fly populations in commercial papaya orchards and whether infestation free zones can be established. Improve ongoing fruit fly management practices.

5. DA-Dept of Agriculture $151,423
"Attraction of Non-Target Organisms to Fruit Fly Female Attractants and Male Lures in Hawai'i"
Rubinoff, Daniel Plant & Environmental
Measure the non-target impacts of fruit fly control measures on native insects.

6. DA-Natural Resources Conservation Service $73,334
"Hawaii Rainfall and Forage Production Index Project"
Thorne, Mark Human Nutrition, Food &
Develop Rainfall and Forage Production indices and MAP/ANPP functions for Hawaii that will be used to improve grazing management of range and pasture lands.

FROM: DHHS-Dept of Health & Human Services

1. National Institutes of Health $544,401
"Early Brain Development After Prenatal "Ice" Exposure: A Longitudinal MR Study"
Chang, Linda School of Medicine
To assess changes in brain structure and brain metabolite concentrations in young children who were exposed to METH in utero, and to follow these changes until age 7. To evaluate neurophsychological performance in these children on a yearly basis over the same time period. To evaluate how structural and chemical brain abnormalities are related to cognitive development.

2. National Institutes of Health $69,200
"Functional Genomics is a Simple Model Metazoan"
Martindale, Mark Q Kewalo Marine Mammal Lab
This work will establish protocols to manipulate gene expression (mis expression, knock-down) in the new-simple metazoan model system, the starlet sea anemone, Nematostella vectensis.
3. National Institutes of Health
"Regulation of Cell Signaling and Adhesion"
Ramos, Joe William  Cancer Research Center
This competitive renewal is to continue funding for our work investigating the function of a protein called PEA-15 in controlling cell proliferation and death in the immune system and cancer.

4. NIH-Agency for Health Care Research
"Research Outcomes Accelerating Discoveries for Medical Applications and Practice"
Ostrander, Gary K.  School of Medicine
The RCMI Program aims to further develop research excellence in biomedicine and health by fostering translational research linking basic science and clinical medicine. Research activities include biomedical imaging and bioengineering, bioactive nutrients, tropical infectious diseases detection and prevention and expanded biostatistics and computer core services.

5. NIH-Natl Cancer Institute (NCI)
"Surveillance, Epidemiology, and End Results (SEER) Program"
Goodman, Marc T  Cancer Research Center
The Hawaii Tumor Registry will maintain a cancer registration system for identification and follow-up of all cancers diagnosed in Hawaii as a part of the SEER program.

6. NIH-Natl Cancer Institute (NCI)
"Ethnic/Racial Minorities in the Colon CFR"
Le Marchand, Loic  Cancer Research Center
To collect data, blood & tissue to determine genetic risk factors for colorectal cancer.

7. NIH-Natl Cancer Institute (NCI)
"Inflammatory Markers in a 2-year Soy Intervention among Premenopausal Women"
Maskarinec, Gertraud  Cancer Research Center
This secondary analysis will use blood samples from a 2-year soy intervention among premenopausal women to explore whether soy foods influence the immune system.
8. NIH-Natl Center for Research Resources (NCRR)$2,014,839
"Pacific Research Center for Early Human Development"
Ward, Kenneth Obstetrics - GYN - MED
The major goal of this proposal is to establish a center of research excellence in early human development that will 1) further augment and strengthen research capacity, 2) mentor junior investigators, 3) attract other investigators to complement the specific research area, 4) contribute to the reduction of health disparities in early human development in Hawaii.

9. NIH-Natl Center for Research Resources (NCRR) $1,726,238
"Pacific Center for Emerging Infectious Diseases Research"
Yanagihara, Richard T Pediatrics- MED
The overall goal of this program is to establish a center of research excellence for emerging infectious diseases for the State of Hawaii at the University of Hawaii at Manoa. Specific projects focus on the natural history of human papillomavirus infection in men, the immunopathogenesis of dengue fever, and the molecular epidemiology of group A streptococci.

10. NIH-Natl Inst of Drug Abuse $142,457
"Impact of Marijuana Exposure on Brain Maturation"
Cloak, Christine Medicine- MED
This career development award will pay salary and some research funds to help the principal investigator become an independent investigator. It involves the use of magnetic resonance imaging techniques to study brain structure and chemistry of adolescents exposed to marijuana.

11. NIH-Natl Inst of Mental Health (NIMH) $69,200
"Neurologic Predictors of Schizophrenia"
Schiffman, Jason Psychology
Propose to analyze existing data that might be useful in the prediction of psychopathology. (Originally submitted May 2005. Current proposal represents a resubmission with no changes to the budget and almost no changes to the scope.)

12. NIH-Natl Inst of Neurological Disorders & Stroke $322,121
"Autonomic function/insulin resistance/Multiethnic population"
Grandinetti, Andrew Public Health Sciences
The aim of this research project is to investigate the relationship of insulin resistance and autonomic function in a population-based, multiethnic study.
FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric $2,264,348
   "MoA Between the University of Hawaii SOEST-HIMB"
   Leong, Jo-Ann Haw Inst Marine Bio-SOEST
   Continuing project for collaborative research, monitoring and data
   management and outreach by HIMB for use by National Marine
   Sanctuaries Program and NWHI Marine National Monument.
   Education curriculum development for K-12 and renovation of
   learning facility at HIMB.

2. DOC-National Oceanic & Atmospheric $24,000
   "Economic Analytical Support for Fishery Management
   Actions"
   Leung, Ping S Molecular Biosciences &
   To train a graduate student to work with the agency's economist to
   conduct economic impact analyses of proposed and alternative
   fisheries management measures.

3. DOC-National Oceanic & Atmospheric $24,878
   "For Analysis of High Frequency Pressure Time Series
   Comparing Elevated Water Levels Measured at Tsunami
   Warning Gauges with Nearby Wave Buoys"
   Merrifield, Mark A JIMAR - SOEST
   Assimilation of high frequency pressure time series available from
   the network of tsunami warning gauges located around the islands
   and to conduct analyses comparing elevated water levels measured
   at the gauges with the offshore forcing as specified by nearby wave
   buoys.

4. DOC-National Oceanic & Atmospheric $109,000
   "Satellite Remote Sensing Research Related to the West
   Coast Integrated Observing System (IOOS)"
   Schroeder, Thomas A JIMAR - SOEST
   Provide University of Hawaii researchers access to an expanded
   suite of satellite oceanographic data assembled by NOAA for use in
   physical, biological, and fisheries oceanography research and for
   developing satellite-derived ocean data research.

5. DOC-Nat'l Marine Fisheries Service $339,407
   "Sustainable Fisheries Initiative"
   Schroeder, Thomas A JIMAR - SOEST
   To foster the sustained optimal use of marine fishery resources and
   maximum protection of endangered and threatened species of the
   State of Hawaii and other U.S. flag islands in the Western Pacific
   region.
6. DOC-Nat'l Marine Fisheries Service
   "Pacific Islands Observer Program Initiative"
   Schroeder, Thomas A       JIMAR - SOEST
   To collect high quality data on protected species interactions that occur in the fishing industry. Observers are trained by the Pacific Islands Regional Observer Program (PIROP) staff to collect data on protected species interactions, fishing effort, total catch composition, and selected fisheries research projects.

7. DOC-Nat'l Marine Fisheries Service
   "Fisheries Oceanography: Analysis and Updated Report on Bycatch by U.S. Pacific Island Fisheries"
   Schroeder, Thomas A       JIMAR - SOEST
   The work proposed involves analysis of fish bycatch and protected species interactions data from fisheries in the NOAA Fisheries Service Pacific Islands Region. The results will be used for an updated bycatch report on the Region's fisheries.

8. DOC-Nat'l Marine Fisheries Service
   "NEPA Initiative"
   Schroeder, Thomas A       JIMAR - SOEST
   To obtain technical assistance on an activity and project specific basis to ensure and legally sufficient agency compliance with applicable National Environmental Policy Act (NEPA) requirements.

FROM: DOD-Dept of Defense

1. DOD-Dept of Air Force
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K          Info Technology Services
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

2. DOD-Dept of Air Force
   "Operations and Management of the Maui Supercomputing Center"
   Lassner, David K          Info Technology Services
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3. DOD-Dept of Air Force
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16. **DOD-Dept of Air Force**  
   "$50,000  
   "Operations and Management of the Maui Supercomputing Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

17. **DOD-Dept of Air Force**  
   "$6,518  
   "Operations and Management of the Maui Supercomputing Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

18. **DOD-Dept of Air Force**  
   "$2,924  
   "Operations and Management of the Maui Supercomputing Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

19. **DOD-Dept of Air Force**  
   "$399  
   "Operations and Management of the Maui Supercomputing Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

20. **DOD-Dept of Air Force**  
   "$5,538  
   "Operations and Management of the Maui Supercomputing Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

21. **DOD-Dept of Air Force**  
   "$17,085  
   "Operations and Management of the Maui Supercomputing Center"  
   Lassner, David K  
   Info Technology Services  
   Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

22. **DOD-Dept of Army**  
   "$51,000  
   "Use of AHI for Multispectral Test & Evaluation"  
   Lucey, Paul  
   Haw Inst Geophys & Planet  
   Test hyperspectral testbed against multiple sensors.
23. **DOD-Dept of Navy**  
Nachtigall, Paul E  
Haw Inst Marine Bio-SOEST  
Proposal to continue examination of hearing and echolocation of whales and dolphins housed off Coconut Island and at other places where they are available.

24. **DOD-Naval Research Laboratory**  
"Assimilation of Long-Range Lightning Data over the Pacific"  
Businger, Steven  
Meteorology - SOEST  
This proposal seeks modest support for continued development of PacNet and to support operational utilization of the data stream at NRL for (i) nowcasting convective activity, (ii) convective rainfall analyses over the Pacific, and (iii) to improve marine prediction of cyclogenesis and squall-line motion through sferics data assimilation in COAMP and NOGAPS.

FROM: **DOE-Dept of Energy**

1. **DOE-Dept of Energy**  
"Future Projections of Mean and Variability of the Asian Summer Monsoon and Indian Ocean Climate Systems"  
Annamalai, H  
Meteorology - SOEST  
The primary goal of the proposal is to quantify the future projections of the Asian Summer Monsoon and tropical Indian Ocean Climate systems. Specifically, the proposed research aims to examine the degree to which changes in greenhouse gas and aerosol concentrations influence the time-mean state of the monsoon

2. **DOE-Dept of Energy**  
"Fabrication & Testing of 3D Active-Edge Silicon Sensors: High Speed, High Yield"  
Parker, Sherwood I  
Physics & Astronomy  
Continued development of 3D silicon radiation sensors employing electrodes fabricated perpendicular to the sensor surfaces to improve fabrication yields and increasing pulse speeds.
3. DOE-Dept of Energy  $240,000
"Hawaii Distributed Energy Resource Technologies for Energy Security - Phase 2"
Rocheleau, Richard E   Haw Nat Energy Inst -SOEST
Develop an implementation plan to ensure the project selected will result in conceptual design, approval by stakeholders, and implementation on the Big Island. Electric system data will be gathered for Maui and Kauai. We will support new mechanisms for research and development initiatives. We will coordinate with New Mexico Technology.

4. DOE-Dept of Energy  $130,000
"Mild Catalytic Methods for Alkyl-Alkyl Bond Formation"
Vicic, David   Chemistry
We hope to transform the emerging synthetic chemistry involving alkyl-alkyl cross-couplings into more of a mechanism-based field so that new, rationally-designed catalysts can perform under energy efficient conditions.

FROM: DOI-Dept of Interior

1. DOI-Geological Survey  $30,188
"Developing A Coral Conservation Strategy for the Global Warming Era in the National Park of American Samoa"
Birkeland, Charles   Zoology
Reciprocal transplant experiments of corals between stressful and benign environments will determine the nature of response of corals to the effects of global warming, i.e., acclimatization (physiological response) and/or adaptation (genetic response). We will also examine the effects of local physical environmental processes such as water motion in ameliorating the influe.

2. DOI-Geological Survey  $50,000
"Assessing Effects of Intraborehole Flow in Deep Monitoring Wells on Estimates of Aquifer Salinity Profiles"
El-Kadi, Aly I   Water Resource Research
This study will evaluate the potential for intraborehole flow in leading to inaccurate or misleading information being used for ground-water management in Hawaii. Two approaches will be used: (1) evaluate and summarize existing work to date, and (2) consult with experts in borehole geophysical logging to design a strategy for further field work.
3. DOI-Geological Survey
"Sensitivity of Pacific Island Tropical Montane Cloud Forests to Climate Change: Observing Climatic and Hydrological Processes"
Giambelluca, Thomas W Geography
Conduct field measurements of hydrologically-sensitive canopy characteristics in forests below, within, and above the current fog zone in Hawaii. Develop a model of cloud water interceptions based on surface wind velocity, liquid water content of surface air, and canopy characteristics.

4. DOI-Geological Survey
"Spatial Data and Mapping Projects in Collaboration with the Pacific Basin Information Node (PBIN)"
Gibson, Barbara Pacific Biosciences Research
This cooperative project would serve to continue the development of internet mapping (WebGIS) capabilities. The geospatial functionality made available through the PBIN web interface allows for the rapid assessment and interpolation of bio-data.

FROM: National Science Foundation

1. National Science Foundation
"A Complementary Approach to Present-day Chemical Abundances in Galaxies"
Bresolin, Fabio Institute for Astronomy
This project addresses the study of present-day abundances in star-forming galaxies. The proposed complementary approach involves the spectroscopic observation and analysis of HII regions and young massive stars in nearby galaxies. It will provide an improved calibration of widely-used abundance indicators for ionized nebulae.

2. National Science Foundation
"CR: Large-Scale, Long-Term, Multi-Directional, Cross-Hole Experiments in the Upper Oceanic Crust Using a Borehole Observatory Network"
Cowen, James P Oceanography - SOEST
Provide expertise and support for colloid (microspheres and bacteria) tracers during tracer transport experiment in ocean crust.

3. National Science Foundation
"Collaborative Research: Bolometric Studies of Cosmic Star Formation History"
Cowie, Lennox L Institute for Astronomy
Determine the reshift distribution of the submillimeter population in order to trace the extent and evolution of obscured star formation in the distant Universe.
4. National Science Foundation $339,561
"MRI: Acquisition of a Laser Micromanipulation, Dissection and Catapulting System"
Donachie, Stuart Microbiology
Acquisition of an instrument that combines 2 laser beams in a microscope to push, hold and dissect microscopic objects.

5. National Science Foundation $594,089
"An Investigation of Patterns of Deep-Sea Demersal Fish Metabolism and Feeding Rates"
Drazen, Jeffrey Oceanography - SOEST
We propose to investigate metabolism of deep-sea fishes off the coast of California to determine depth related trends and adaptations to their environment.

6. National Science Foundation $157,045
"Coll. Research: Magnetic Ocean Crust: High-Fidelity Geomagnetic Field Recorder and Sensitive Indicator of Magmatic, Tectonic, and Alteration Processes"
Herrero-Bervera, Emilio Haw Inst Geophys & Planet
Investigate magnetic, petrologic, and geochemical characteristics of iron oxide minerals from oceanic crust samples.

7. National Science Foundation $160,181
"Tomographic Imaging of the Velocity and Magnetic Fields in the Sun's Atmosphere"
Jefferies, Stuart Institute for Astronomy
This supplement will provide the project the necessary manpower to 1) support the (significantly delayed) observing campaign at South Pole, 2) reduce and analyze the data to verify proof-of-concept for the instrument, and 3) generate preliminary scientific results.

8. National Science Foundation $40,000
"Collaborative Research: Energy-efficient Communication with Optimized ECC Decoders: Connecting Algorithms and Implementations"
Kavcic, Aleksandar Electrical Engineering
System-level optimization of power-constrained communication links such as back-planes of internet routers or wireless sensor nodes.

9. National Science Foundation $18,816
"CAREER: Aggregate-Enhanced Membrane Filtration"
Kim, Albert S Civil Engineering
To enhance the computational capability and efficiency of the current Beowulf Linux cluster purchased from Dell by installing more memory and nodes (processors).
10. National Science Foundation $294,386
"Collaborative Research: Equilibration of Ocean Currents via Inertial Instability"
Kloosterziel, Rudolf Oceanography - SOEST
This research concerns the evolution of unstable oceanic flows and is aimed at estimating and predicting energy losses in the oceans due to instabilities and predicting what new flows emerge after the evolution of the instability ceases.

11. National Science Foundation $99,997
"Pacific Research Center for Marine Biomedicine"
Laws, Edward A Oceanography - SOEST
This supplement provides salary support for graduate student and post-doctoral student to participate in studies of enteric pathogens in Hawaiian coastal waters and beach sand. It also provides funds to train a technician to carry out analytical studies of neurotoxins in fish flesh.

12. National Science Foundation $177,305
"The Gemini NICI Planet-Finding Campaign"
Liu, Michael Institute for Astronomy
To support the science activities of the NICI (Near-IR Coronagraphic Imager) Planet-Finding Campaign to be conducted at the Gemini-South 8.1 meter Telescope.

13. National Science Foundation $48,125
"Collaborative Research: Observing Integrating Ocean Variables"
Luther, Douglas S Oceanography - SOEST
In collaboration with the Applied Physics Lab of the Univ. of Washington, design and construction of autonomous instruments that measure integrating ocean variables (including sea floor to sea surface acoustic travel time, bottom pressure, and horizontal electric fields) is proposed.

14. National Science Foundation $132,103
"The Pan-STARRS Brown Dwarf Factory"
Magnier, Eugene Institute for Astronomy
Scientific astronomical research on brown dwarfs using the Pan-STARRS telescope on Heleakala, Maui.

15. National Science Foundation $159,020
"Coll. Research: Investigating the Distribution of Hydrothermal Activity and its Geologic and Geophysical Controls at the Lau Integrated Studies Sites"
Martinez, Fernando Haw Inst Geophys & Planet
Compiled data and analyses for Lau Basin tectonic movement.
16. National Science Foundation $198,948
"Accomplishment Based Renewal: Evolution of the Lau Basin - A Reappraisal"
Martinez, Fernando Haw Inst Geophys & Planet
Compiled data and analyses for Lau Basin tectonic movement.

17. National Science Foundation $385,570
"Collaborative Research: Impacts of Ocean Physics on the Arabian Sea Oxygen Minimum Zone"
McCreary, Julian P Oceanography - SOEST
To understand the processes that determine the strength and location of the Arabian Sea oxygen-minimum zone (ASOMZ).

18. National Science Foundation $998,250
"The Effects of Formative Assessment in a Networked Classroom on Student Learning of Algebraic Concepts"
Olson, Melfried CRDG
This project will investigate the use of formative assessment practices in mathematics to determine if networked calculator technology has a positive effect on resulting student achievement.

19. National Science Foundation $231,250
"Collaborative Research: Controls on Alkenone Temperatures in Subtropical and Subpolar Waters"
Popp, Brian N Geology & Geophys - SOEST
Study the chemical and biological oceanography of the subtropical and subpolar regions of the ocean east of New Zealand.

20. National Science Foundation $308,509
"COLLABORATIVE RESEARCH: Nitrogen Fixation and its Coupling with Denitrification in the Eastern Tropical North Pacific"
Popp, Brian N Geology & Geophys - SOEST
Study the chemical and biological oceanography of the eastern tropical North Pacific Ocean and the Gulf of California.

21. National Science Foundation $300,000
"Discovery, Follow-up, and Calibration of Near-Earth Objects"
Tholen, David J Institute for Astronomy
We propose to find new Near Earth Objects at solar elongations of less than 90 degrees where objects in certain types of orbits can spend a majority of their time.
22. National Science Foundation $13,851
"SGER: Preliminary Experiments on the Grain Boundary Diffusivity of Water"
Workman, Rhea Geology & Geophys - SOEST
Experimental determination of the rate of diffusive transport of water through polycrystalline olivine.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration $75,000
"Mechanics of Rootless Eruptions and the Formation of Rootless Cone Groups: Implications for Near-Surface Water on Mars"
Fagents, Sarah Haw Inst Geophys & Planet
We propose a suite of field, laboratory and modeling studies in order to produce accurate assessments of the amount of regolith ice required to form explosive rootless volcanic cones observed on Mars.

2. Nat'l Aeronautics & Space Administration $29,720
"Integrating MESSENGER Data to Investigate the Origin of Mercury's Intercrater and Smooth Plains Deposits"
Gillis-Davis, Jeffrey Haw Inst Geophys & Planet
The proposed work will investigate the origin of Mercury's Smooth plains and intercrater plains using data from the Mercury Surface, Space Environment, Geochemistry, and ranging (MESSENGER) mission. The main tasks of the proposal include; create a prioritized list of geologic targets, and integrate X-ray, gamma-ray, neutron, and spectral data to map these two units.

3. Nat'l Aeronautics & Space Administration $76,000
"ANITA: Antarctic Impulsive Transient Antenna"
Gorham, Peter W Physics & Astronomy
To fly long duration balloon mission to address the question of the nature & origin of the highest energy cosmic rays and the ultimate limits of energy in the universe.

4. Nat'l Aeronautics & Space Administration $44,200
"Regional Planetary Image Center"
Hawke, Bernard R Haw Inst Geophys & Planet
This is a proposal for the continued support of the Pacific Regional Image Facility at University of Hawaii campus in Honolulu.
5. Nat'l Aeronautics & Space Administration  
"Thousand Asteroid Light Curve Survey"  
Jedicke, Robert  
Institute for Astronomy  
Project will measure light curves and thereby obtain rotation periods, for ~1,000 asteroids in a well-controlled survey program designed to correct for observational selection efforts.  

6. Nat'l Aeronautics & Space Administration  
"Transition Objects"  
Jewitt, David C  
Institute for Astronomy  
Some objects with the dynamical characteristics of asteroids are known to display physical properties (in particular, mass-loss) more characteristic of comets. We will explore the incidence of this phenomenon using sensitive, high-resolution imaging from Mauna Kea. We will also obtain observations designed to determine the nature of the processes responsible for mass-loss.  

7. Nat'l Aeronautics & Space Administration  
"Mapping the Caldera of Olympus Mons Volcano, Mars"  
Mouginis-Mark, Peter J  
Haw Inst Geophys & Planet  
I will create a geologic map of the summit area of the biggest volcano on Mars, and use this map to aid geologic investigation of the volcano.  

8. Nat'l Aeronautics & Space Administration  
"Investigating Mid-latitude Ocean and Climate Dynamics using Satellite Altimetry and Modeling Analysis"  
Qiu, Bo  
Oceanography - SOEST  
The goal of the study is to investigate mid-latitude ocean and climate dynamics using satellite altimetry and modeling analysis.  

FROM: Independent Federal Agencies- Minor  

1. Nat'l Geospatial-Intelligence Agency  
"From Looking Up to Looking Down"  
Tonry, John  
Institute for Astronomy  
We are developing computer software for the automated analysis of vast amounts of astronomical imaging data from the Pan-STARRS project.
FROM: Hawaii- Government Agencies

1. CCH-Board of Water Supply  $20,000
   "Updating and Publication of Climatological Rainfall Stations for the City and County of Honolulu"
   Chu, Pao-Shin  Meteorology - SOEST
   To update an old report on rainfall information for Oahu and produce recent rainfall contour maps.

2. City and County of Honolulu  $14,857
   "Beach Hazard Website"
   Fletcher, Charles H  Geology & Geophys - SOEST
   Manage the progress of the beach hazard website and its continued expansion.

3. County of Hawaii  $10,000
   "Potential Productivity of Corn-based Bioethanol for Hawaii County"
   Brewbaker, James L  Tropical Plant & Soil Science
   Field trials to determine the maximum yield of corn (dry matter) per acre per year at different locations in Hawaii.

4. County of Hawaii  $10,800
   "Effect of Season, Location and Age of Regrowth on Forage Protein and Carbohydrate Fractions, and In Vitro Digestibility of Tropical Grasses"
   Carpenter, James R  Human Nutrition, Food & Evaluation of the digestibility of tropical grasses for livestock as effected by location, age, and season at time of harvest.

5. County of Hawaii  $5,000
   "Evaluation of Sweet Potato Cultivars for Fuel Alcohol Production"
   Miyasaka, Susan C  Tropical Plant & Soil Science
   This project proposes to evaluate 10 sweet potato cultivars for yield and starch levels when grown along the Hamakua Coast of Hawaii. It also proposes to quantify amounts of discarded 'Okinawan' sweet potatoes.

6. County of Hawaii  $5,000
   "Conversion of Invasive Species into Charcoal and Assessment of Use as Potting Media"
   Nishina, Melvin S  Tropical Plant & Soil Science
   Conversion of strawberry guava and Albizia trees into charcoal. The charcoal will then be evaluated as a potting media for nursery
7. County of Hawaii $8,000

"Evaluating Yield Potential and Quality Parameters of Taiwan and China Oolong Tea for Small Scale Production in Hawaii"

Sato, Dwight M HITAHR - Hawaii - CTAHR

None of the green teas released in Hawaii has been characterized for adaptability in the market. At the completion of this project, two tea cultivars will be identified for large scale farm cooperator advanced testing. This project will help to reduce grower risks in choosing cultivars to grow, thus maintaining consistent quality in the market.

8. County of Hawaii $11,959

"Improved Water Management Technology for Hawaii’s High Value Export Crops"

Singleton, Paul W Tropical Plant & Soil Science

Research and extension training in water management of raphis and Kentia palm and cut flower Anthurium in East Hawaii.

9. Hawaii Health Systems Corp. $9,863

"HHIC Data Analysis Project"

Wood, D William College of Social Sciences

HHIC has a large amount of data to be analyzed and Sociology has a student that can do it. The student is a foreign student on an F-1 Visa and cannot be paid to work off campus. This contract facilitates the analyses.

10. Hawaii-Dept of Land & Natural Resources $150,000

"Detection and Control of Coqui Frogs in Maui County"

Duffy, David Botany

Detect any new populations of coqui frogs in the islands of Maui County, control and attempt to eradicate all known populations.

11. Hawaii-Dept of Land & Natural Resources $120,000

"Maui District Endangered Species Research"

Duffy, David Botany

Research and monitor endangered seabirds on Lanai and Maui.

12. Hawaii-Dept of Land & Natural Resources $104,000

"USFWS Avian Influenza Surveillance Implementation Plan (was "APHIS/WS Avian Influenza Surveillance Implementation Plan")"

Duffy, David Botany

Conduct surveys of migratory birds to prioritize testing sites for avian influenza monitoring.
13. Hawaii-Dept of Land & Natural Resources $75,235  
"Statewide Watershed Partnership Support Program"  
Duffy, David Botany  
Provide strategic planning and coordination of efforts to the watershed partnerships statewide.

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

1. HCF-Ingeborg V.F. McKee Fund $50,000  
"Tocotrienol in the Prevention of Lipotoxicity and Insulin Resistance"  
Theriault, Andre G Medical Technology- MED  
Investigation of vitamin E on fat and sugar metabolism in diabetic hamsters.

2. HCF-Robert C. Perry Fund $50,000  
"The Effects of Physiologically Important Fatty Acids On Human Serum Albumin's Binding and Transport of Therapeutic Agents"  
Bhagavan, Nadhipuram V Anatomy, Biochemistry & The goal of this research project is to examine the role of human serum albumin complexed with varying concentration of fatty acids in the transport of many drugs.

3. Kaululani Urban and Community Forestry Grant $8,529  
"People's Psychophysiological Responses to Tropical Trees in Urban Landscapes of Hawaii"  
Kaufman, Andrew Tropical Plant & Soil Science  
Identify and understand people's physiological and emotional responses to pruning practices of trees in Hawaii. Data will assist in the development of specific educational programs of proper tree care practices and their social and environmental acceptance can be implemented throughout the State.

4. Parents and Children Together (PACT) $17,044  
"PACT-UH Native Hawaiian Domestic Violence Project"  
Kanuha, Valli Sociology  
Parents and Children Together will partner with UH to design, pilot test, and evaluate a Hawaiian cultural domestic violence intervention for male batterers residing on Oahu. The program will be based on a model currently used on Hawaii Island that PI Kanuha was involved in developing and evaluating.
FROM: Hawaii - Business and Other

1. East West Center $50,000
   "Long-Term Trends, Variability, and Extreme Event Characteristics of the Pacific Basin Water Level Climatology"
   Merrifield, Mark A JIMAR - SOEST
   This Scope of Work represents a portion of the High Seas theme-specific work plan that will lead to the creation of a High Seas derived-data product suite.

2. Group 70 International $103,853
   "Tsunami Hurricane Evacuation Behavioral Study: Saipan, Tinian, and Rota HES Study"
   Matsuoka, Jon K School of Social Work
   To oversee and coordinate the tropical storm/typhoon and tsunami response surveys for Saipan, Tinian and Rota.

3. NovaSol $16,000
   "Ground Based Data Collection - Novasol"
   Lucey, Paul Haw Inst Geophys & Planet
   Collect and process ground based AHI sensor data.

4. NovaSol $5,000
   "Ground Based Data Collection - Novasol"
   Lucey, Paul Haw Inst Geophys & Planet
   Collect and process balcony based AHI sensor and deliver processed data to Novasol.

5. Pacific Resources for Education & Learning $41,004
   "Online PPST Preparation for Pacific Region"
   McKimmy, Paul B. College of Education
   UHM College of Education will provide student accounts to a designated contact at each PREL-sponsored Pacific institution outside of Hawaii. PREL and TDP will assess the impact of the PPST-prep system on Praxis-1 success rates for pacific islanders.

FROM: Hawaii - Health Organizations

1. Pacific Health Research Institute $11,668
   "Epidemiology of CHD Men Aged 40+"
   Blanchette, Patricia Geriatrics-MED
2. Pacific Health Research Institute  $22,597
"Risk factors for Pathological Markers - Parkinson's Disease"
Uyehara-Lock, Jane  Pathology- MED
Pacific Health Research Institute wishes to purchase the staff time of Jane Uyehara-Lock, M.D., a University of Hawaii employee, to conduct research relating to Parkinson's Disease.

FROM: Mainland- Associations, Foundation, Soc, etc.

1. Joseph H. Hill Memorial Foundation, Inc.  $1,375
"New Tropical Ginger Cut Flowers"
Criley, Richard A  Tropical Plant & Soil Science
Two ginger species (Etlingera venusta and Zingiber spectabile) will be subjected to photoperiod controls to manipulate flowering periods in order to extend the marketable flower season. Postharvest studies will be conducted to lengthen the useful vase life of these tropical ginger cut flowers. The goal is to provide new flower crops for Hawaii flower growers.

2. MedStar Research Institute  $6,030
"Partnerships for Diabetes Related Disparities in Hawaii"
Mau, Marjorie K  Native Hawaiian Health- MED
This study will examine the risk factors leading to heart disease in Hawaiian people. The results of this study will help determine better ways to identify Hawaiian people who are at risk for heart disease.

3. Toshiba America Foundation  $4,990
"Inquiry-Based Investigations into the Unique Properties of Water"
Baumgartner, Erin  CRDG
Research and development of inquiry-based activities of unique properties of water to support revisions of the CRDG-produced Fluid Earth/Living Ocean curriculum.

FROM: Mainland- Other

1. AmericaView  $51,000
"State View Program Development and Support for the State of Hawaii"
Wright, Robert  Haw Inst Geophys & Planet
Promoting the use of satellite remote sensing in the State of Hawaii through education, research, outreach and technology transfer; archive satellite data relevant to the State of Hawaii.
2. Carnegie Institution of Washington  
"PLUME: Imaging the Hawaiian Hotspot and Swell"  
Wolfe, Cecily J  
Haw Inst Geophys & Planet  
Study the Earth's mantle structure in Iceland and Hawaii.

3. Ernest Orlando Lawrence - Berkeley National Lab  
"Subcontract with UC Lawrence Berkeley National Laboratory for Use of the UH 2.2-m Telescope on Mauna Kea"  
Aspin, Colin  
Institute for Astronomy  
UH shall furnish the necessary faculties, supplies, equipment and personnel to conduct certain research activities using the UH 2.2 meter Telescope on Mauna Kea.

4. Jet Propulsion Lab  
"Galaxy Evolution in the Cluster/Filament Environment"  
Ebeling, Harald  
Institute for Astronomy  
By examining the properties of starburst galaxies during activation, we can learn more about the physical processes that transform field galaxies into the passively evolving galaxies found in clusters.

5. Jet Propulsion Lab  
"A Mid-Infrared Study of Hickson Compact Groups: Probing the Effects of Environment on Galaxy Interactions"  
Le Floc'h, Eméric M.  
Institute for Astronomy  
Use Spitzer space telescope to study a sample of 13 Hickson Compact Groups (groups of 4 or more galaxies located in a small area of sky that interact with each other).

6. Jet Propulsion Lab  
"The Origin of QSO Extended Emission Regions: Superwinds from Starbursts or QSO Ignition?"  
Stockton, Alan N  
Institute for Astronomy  
Reduce and analyze data from the Spitzer Space Telescope, together with data to be obtained from ground-based telescopes. Publish the results of the investigation.

7. Jet Propulsion Lab  
"Orographically induced Ocean-Atmosphere Interaction: Satellite Observations and Numerical Modeling"  
Xie, Shang-Ping  
Meteorology - SOEST  
Conduct analysis of observations by the QuikSCAT and other NASA satellite observations for a better description and understanding of ocean-atmosphere interaction and climate.
8. Space Telescope Science Institute $64,983
"The Sloan Lens ACS Survey: Towards 100 New Strong Lenses"
Bolton, Adam Institute for Astronomy
This project uses the Hubble Space Telescope to discover and analyze a large sample of rare pairs of distant galaxies termed "gravitational lenses". The "gravitational lensing" effect of one galaxy in each pair by the other allows us to make a direct measurement of the mass of the latter.

9. Space Telescope Science Institute $25,500
"Gotcha Using Swift GRBs to Pinpoint the Highest Redshift Galaxies"
Cowie, Lennox L Institute for Astronomy
We will use HST and Spitzer satellite to image the host galaxies of very high redshift Gamma ray bursts identified with the SWIFT satellite. The observed IR images correspond to the rest frame optical and should provide us with new insight on the high redshift galaxy population.

10. Space Telescope Science Institute $42,796
"A Snapshot Survey of the Most Massive Clusters of Galaxies"
Ebeling, Harald Institute for Astronomy
We have compiled a sample of over 120 X-ray selected, massive, distant clusters of galaxies. The awarded snapshot observations with HST will allow us to study the morphology of the central cluster galaxy as well as the mass distribution in the cluster core using strong gravitational lensing.

11. Space Telescope Science Institute $22,511
"HST-GO-111100.03: Two New 'Bullets' for MOND: Revealing the Properties of Dark Matter in Massive Merging Clusters"
Ebeling, Harald Institute for Astronomy
We will study the physical nature of dark matter and how it influences galaxy formation and evolution. Two newly-identified, massive, colliding, clusters of galaxies will be observed using space and ground based telescopes to measure and define dark matter properties.

12. Univ Corp for Atmospheric Research $10,702
"Analyses of an Unusual Heavy Rainfall Period Over the Hawaiian Islands"
Chen, Yi-Leng Meteorology - SOEST
To study the unusual weather patterns associated with the record rainfall period during February 19 - April 2, 2006.
FROM: U.S. Universities and Colleges

1. California Inst of Technology  $76,632
   "A Wide-Field Low-Mass Census of the Nearest Star-Forming Region"
   Liu, Michael  Institute for Astronomy
   To conduct a wide-field survey for young low-mass stars and brown dwarfs across the rho Ophiuchus cloud complex.

2. Case Western Reserve University  $87,111
   "Role of Mitochondria in HIV Lipoatrophy"
   Gerschenson, Mariana  Medicine- MED
   Measure mitochondrial parameters in blood and fat tissue.

3. Cornell University  $33,000
   "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 P3/2003SD220.

4. Georgia Institute of Technology  $38,047
   "Support to Georgia Tech"
   Lucey, Paul  Haw Inst Geophys & Planet
   Support Georgia Tech Science of Land Targets MURI.

5. Oregon State University  $22,966
   "Relationship of an Alien Plant, Fuel Dynamics, Fire Weather and Unprecedented Wildfires in Hawaiian Rain Forest"
   Litton, Creighton  Natural Resources &
   Funds are requested from Oregon State University to support salary for Dr. Creighton M. Litton for three months.

6. Univ of California - Irvine  $149,885
   "The Role of Evolution in Dengue Virus Emergence"
   Bennett, Shannon N  Trop Med - Med Micro- MED
   Dengue virus, causing fever with the occasional hemorrhaging, is expanding worldwide, producing more frequent, severe epidemics. Evidence suggests genetic changes in circulating viruses underlie these dynamics. We compare virus sequence data from multiple populations all undergoing endemic/epidemic transitions for a universal genetic factor.
7. Univ of Maryland  
   "Alliance for Coastal Technology _ Hawaii Pacific Island Partner"  
   Atkinson, Marlin J  
   Haw Inst Marine Bio-SOEST  
   Member of a National program to test and evaluate sensors for coastal observing; local coordination and outreach activities for coastal monitoring.

8. Univ of Mississippi  
   "Technical Support for CTBT Infrasound Sites IS52 and IS39"  
   Garces, Milton  
   Haw Inst Geophys & Planet  
   Maintenance on infrasound sites in Palau and Diego Garcia.

9. Univ of Washington  
   "Prenatal Post-Traumatic Stress Disorder Among Low-Income Women Living on the Waianae Coast of Oahu"  
   Dodgson, Joan E.  
   Nursing  
   The demographic, social and health characteristics of a group of low-income pregnant women living on the Waianae Coast of Oahu, who screen positive for Post-traumatic stress disorder during their pregnancy, will be compared with an equal number of pregnant women who do not screen positive.

10. Univ of Washington  
    "Development of Molecular Adjuvants for Therapeutic HIV-1 Vaccines"  
    Yu, Qigui  
    Medicine- MED  
    This study will develop and evaluate a novel formulation of therapeutic HIV vaccine regimen in the absence of CD4+ help in a mouse model, which mimics an accelerated form of AIDS in humans. Data obtained from this study will provide key information for therapeutic vaccine development.

11. Univ of Wisconsin- Madison  
    "Askaryan Underice Radio Array (AURA) Stations"  
    Varner, Gary  
    Physics & Astronomy  
    Fabricate and provide integrated circuit boards (ROBUSTS2 and SHORT2) to be integrated with the IceCube communications and power supply systems based at Univ of Wisconsin, Madison.
12. Utah State University $45,343
"Enhancing Phyto-nutrient Content, Yield and Quality of Vegetables with Compost Tea in the Tropics"
Radovich, Theodore Tropical Plant & Soil Science
This project includes research and educational activities to improve the efficacy of compost tea and increase the role of renewable resources in Hawaii agriculture.

13. Vanderbilt University $79,914
"Association of Micronutrients with Cancer Risk in Chinese Women (Project Extension)"
Franke, Adrian A Cancer Research Center
To measure dietary micronutrients in human urine and serum.

FROM: All Non-U.S.

1. GeoForschungsZentrum $100,000
"Hawaii Scientific Drilling Program with Germany"
Thomas, Donald M Haw Inst Geophys & Planet
Continued core drilling in a well near Hilo International Airport.

2. The World Conservation Union $14,743
"Preventing Extinction: Hawaii's Rare Plant Genetic Safety Net Program"
Duffy, David Botany
Support travel costs for on-going Oahu Genetic Safety Net Program.

NON-RESEARCH AWARDS

FROM: DA-Dept of Agriculture

1. DA-Cooperative State Research Service $1,560,000
"University of Hawaii Agribusiness Education, Training and Incubator Project"
Takahashi, Ronald K Kapiolani CC
The primary goals of the University of Hawaii (UH) Agribusiness Education, Training and Incubator Project (AETI) project are to enhance the University's educational and workforce development and agribusiness incubation capacities. This project is being implemented with a collaborative effort between the nine UH campuses and the associated Cooperative Extension Services.
2. DA-Dept of Agriculture $471,646
"Portal Program for Iraq and Afghanistan Provincial Reconstruction Teams (PRT-Portal)"
Jarjees, Ekhlass A. Natural Resources &
UH and Texas A&M consortium propose to provide technical agricultural information support for the agricultural advisors deployed to Provincial Reconstruction Teams (PRTs) in Iraq and Afghanistan to rehabilitate physical and Institutional infrastructure.

3. DA-Dept of Agriculture $150,000
"A Risk Management Training Program for Socially Disadvantaged Filipino and Southeast Asian Growers of Hawaii"
Swift, Sabina F Plant & Environmental
Continue to provide information and training to Filipino and Southeast Asian growers crop production, integrated pest management, pesticide safety, marketing, record keeping and farm finances and to expand outreach by integrating risk management tools such as Adjusted Gross Revenue-Life and other federal government services to becomes successful producers.

4. Pacific Islands Convervation Innovation Grant $46,040
"New Innovations in Native Forest Restoration for High-Elevation Rangelands Infested with the Noxious Weed Kikuyu Grass (Pennisetum clandestinum)"
Idol, Travis College of Tropical Ag &
The purpose of this research is to introduce a scientifically-proven strategy for managing invasive kikuyu grass (Pennisetum clandestinum) and promoting the establishment of young koa (Acacia koa) and ohia (Metrosiderous polymorpha) forests in the high-elevation rangelands of Mauna Kea.

FROM: DHHS-Dept of Health & Human Services

1. NIH-Nat'l Inst of Diabetes, Digestive, Kidney $44,250
"Pacific Region Diabetes Education Program"
Chang, Healani K Pacific Biosciences Research
Short-term research education for minority students to encourage them to pursue research careers in the areas of Diabetes, Nutrition, Obesity, Kidney Diseases or other metabolic disorders.
2. PHS-Centers for Disease Control (CDC) $10,000
"Coordinating Center for the Academic Centers of Excellence on Youth Violence Prevention"
Mark, Gregory Y Psychiatry-MED
To assess additional information, partners, and resources to include a larger more encompassing planning effort in order to implement the development of the strategic plan for the National Academic Centers of Excellence Program.

3. PHS-Centers for Disease Control (CDC) $200,708
"Coordinating Center for the National Academic Centers of Excellence on Youth Violence Prevention"
Mark, Gregory Y Psychiatry-MED
Fulfill the overall objectives of the ACE program by 1) enabling faster development, synthesis and broader dissemination of center specific and cross-center activities and products in youth interpersonal violence research and practice, and 2) serving as a key resource for the efficient national translation of knowledge generated by the program into the health and community.

4. PHS-Substance Abuse & Mental Health Services $50,000
"2008 Family Psychoeducation Conference"
Wylie, Alexander M Social Science Rsrch Inst
2008 Family Psychoeducation Conference

FROM: DOC-Dept of Commerce

1. DOC-Minority Business Development Agency $122,500
"Honolulu Minority Business Enterprise Center FY 2007"
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.

2. DOC-National Oceanic & Atmospheric $19,922
"Conduct Field Surveys for Two National Marine Fisheries Service Pacific Islands Region Species of Concern, Lingula reevii and Montipora dilatata"
Hunter, Cynthia Biology Program
Extensive surveys of fringing reef, patch reef, and barrier reef habitats within Kaneohe Bay will be conducted between May 21 and June 9th, 2007. Surveys will be performed by nine students trained under the supervision of two instructors (Dr. Cynthia Hunter and Dr. David Strang) as part of University of Hawaii-Manoa's Field Problems in Marine Biology (Biol 403).
3. DOC-National Oceanic & Atmospheric $15,000
   "Sea Turtle Stranding Project"
   Hunter, Cynthia Marine Option Pgm - SOEST
   Provide support and assistance to NMFS turtle stranding and salvaging network.

4. National Sea Grant College Program $50,000
   "Insular Pacific Regional Research, Information Planning and Coordination"
   Grau, E Gordon Sea Grant - SOEST
   Develop a regional research and information plan for the insular Pacific by utilizing UH Sea Grant's capabilities to facilitate discussions among the broad range of insular Pacific stakeholders to help identify and prioritize critical resource management problems and associated research and information needs necessary for practical solutions.

FROM: ED-Dept of Education

1. ED-Dept of Education $421,324
   "PALS: Program for Afterschool Literacy Support"
   Ah Sam, Anna L F Office of Student Affairs
   PALS will address the literacy needs of Native Hawaiian children in grades 3 to 6 in "restructuring" schools by examining the effectiveness of specific literacy interventions on student No Child Left Behind-related achievement outcomes.

2. ED-Dept of Education $231,186
   "Center for Southeast Asian Studies National Resource Center - NRC"
   Andaya, Barbara W South Asian Stud- SHAPS
   Support for programs in Southeast Asian Studies campus wide including foreign language fellowships.

3. ED-Dept of Education $401,330

   Dobry, Thaddeus P College of Engineering
   Build Native Hawaiian Science & Engineering Mentoring Program through community outreach, recruitment, and retention strategies.
4. ED-Dept of Education $544,349
"Ho'opa'a Technology, Language, and Basic Educational Success for Hawaiian Children and Youth with Disabilities - 84.362A"
Dowrick, Peter W College of Education
Hawaiian children and youth with disabilities need basic academics and pride in their culture to succeed. To bridge the existing divide, our project seeks to boost basic education, technology skills, and knowledge of Hawaiian vocabulary through evidence based methods. Three schools and three community programs will collaborate in this 3-year effort.

5. ED-Dept of Education $223,590
"Project Kahuewai Ola: Supporting Native Hawaiian Scholars in the Math and Sciences at UHM - 84.362A"
Gomes, Lenore K Office of Student Affairs
Kahuewai Ola will increase the representation, retention, and graduation rates among Hawaiian students in math and science disciplines at UHM. Activities include outreach, scholarship support, peer mentoring, and faculty development.

6. ED-Dept of Education $474,935
"Native Hawaiian Education Program - Ka 'upena o Ke A'o"
Hemphill, Norman Jean Center on Disability Studies
Project will provide culturally advanced & innovative curriculum in the areas of science and math to Native Hawaiian Students in Elementary and High Schools.

7. ED-Dept of Education $192,279
"Hui Malama o ke Kai - Native Hawaiian After School Health & Wellness Program"
Hirose-Wong, Shannon Public Health Sciences
Increase the capacity of Hui Malama o ke Kai to formalize: 1) academic tutoring sessions; and 2) culturally appropriate health & wellness curriculum through an after school program for 5th and 6th “at-risk” youth and their families in Waimanalo Hawaii.

8. ED-Dept of Education $489,339
"LEI Aloha's Connections to Teaching Careers - 84.336C"
Ho, Curtis P Educational Technology
To diminish teacher shortages for the State of Hawaii on a long-term basis, a systematic approach to recruitment, preparation, and induction of new teachers needs to be institutionalized. This project proposes to build a collaborative continuum of important educational stakeholders to create more highly knowledgeable teachers for our high needs schools.
9. ED-Dept of Education $310,415
"DOE - Career Opportunities Program 2007-2008"
Howard, Bernadette  Windward CC
Provide education and training opportunities for the Department of Education Comprehensive School Alienation Program (CSAP) eligible students.

10. ED-Dept of Education $226,600
"Windward Community College - Educational Talent Search Program - Honolulu"
Inouye, Roy  Windward CC
Educational Talent Search will provide opportunities for 600 low-income/first-generation college potential public school students, ages 11-27, to receive career guidance and college planning support at their schools.

11. ED-Dept of Education $351,298
"Student Support Services"
Inouye, Roy  Windward CC
Support services for low income, first generation and disabled students.

12. ED-Dept of Education $1,012,726
"Na Lama Heluhelu: The Pihana Na Mamo early Reading Initiative - 84.362A"
Lai, Morris K  Curriculum Studies
Na Lama Heluhelu: The Pihana Na Mamo Early Reading Initiative is designed to address the beginning reading needs of Native Hawaiian students in kindergarten through third grade. The project is a collaborative effort between the University of Hawaii and the Hawaii Department of Education.

13. ED-Dept of Education $1,120,602
"Kako'o Piha: The Pihana Na Mamo Project to Support At-Risk Native Hawaiian Youth - 84.362A"
Lai, Morris K  CRDG
Kako'o Piha: The Pihana Na Mamo Project to Support At-Risk Native Hawaiian Youth, addresses the needs of Hawaiian students who are at risk, including those identified with a disability. The project will use a comprehensive mentoring and academic support model to ensure promotion and successful transition into post-high options.
14. ED-Dept of Education
"Kapiolani Community College - TRIO Student Support Services"
Lee, Mona Kapiolani CC
Support services (academic and non-academic) for eligible low income, first generation in college, and students with disabilities enrolled at Kapiolani Community College. At selected participants must demonstrate need for academic support.

15. ED-Dept of Education
"Manana Kupono: Supporting At-Risk Native Hawaiian Students to Succeed at UHM"
Maglaya, Michael Office of Student Affairs
Manana Kupono will increase postsecondary access for Native Hawaiian high school students from at-risk Oahu communities, increase the transfer rate of Native Hawaiian community college students into baccalaureate programs, and increase the retention and graduation rates of Native Hawaiian undergraduate students attending the University of Hawaii at Manoa.

16. ED-Dept of Education
"Kiwila: A Civics Grant"
Roberts, Kelly Center on Disability Studies
Produce culturally responsive civics curriculum which will increase the civic knowledge of Hawaiian students while also increasing the number of Native Hawaiian youth, young adults, and adults who are active participants in civic related activities. Achievement of these goals should assist in improving educational and employment outcomes for all Native Hawaiians.

17. ED-Dept of Education
"Liko Ae Native Hawaiian Scholarship Program"
Sakamoto, Clyde Maui CC
The Liko Ae Native Hawaiian scholarship program proposes to provide scholarship to Native Hawaiian students here and on the U.S. continent pursuing a higher education degree.

18. ED-Dept of Education
"Project to Ensure Postsecondary Education Students Receive a Quality Education"
Stodden, Robert A Center on Disability Studies
Project will provide technical assistance and professional development for faculty and administrators of IHEs in order to provide them with the skills and supports that they need to teach students with disabilities.
19. ED-Dept of Education $429,406
"Native Hawaiian Education Program - Ka Hana 'Imi Na'auao - 84.362 A"
Stodden, Robert A Center on Disability Studies
Project will provide culturally advanced & innovative curriculum in the areas of sciences and math to Native Hawaiian students in Elementary and High Schools.

20. ED-Dept of Education $426,991
"Maui County Educational Opportunity Center"
Tagomori, Alvin R Maui CC
Provide college access services-career exploration, college and financial and information and application assistance to predominantly low-income, first generation Maui county residents.

21. ED-Dept of Education $441,880
"I Mua No Ka 'Ulu - E4.362A"
Warner, Sam L Hawai'n & Indo-Pac Language
Project will develop a language and literacy program for Hawaiian immersion, including 75 children's books and curriculum units based on those books for grades K-3 in Hawaiian immersion schools. Teachers from 5 to 7 schools will be trained in developing and implementing curriculum units.

22. ED-Dept of Education $234,947
"CREDE Professional Development for Teachers of At-Risk Native Hawaiian Students"
Yamauchi, Lois A Educational Psychology
the project will develop and evaluate professional development designed to promote the Five Standards for Effective Pedagogy, instructional strategies that increase the academic success of culturally diverse learners. The goal is to promote teachers' use of the Five Standards to increase the achievement of at-risk Hawaiian students.

23. ED-Dept of Education $377,689
"HANA LIKE: Hawaiian Youth Improve Education and Create their Futures"
Yuen, JoAnn Center on Disability Studies
Native Hawaiians are underrepresented in the teaching and computer/technology professions, they are overrepresented in special education and in the justice system. Our project will implement program in four sites (2 public school, 2 alternative schools) to address these issues.
24. ED-Student Services  
"Windward Community College Educational Talent Search Program - Windward"  
Inouye, Roy  
Windward CC  
Educational Talent Search will provide opportunities for 600 low-income/first generation college potential public school students, ages 11-27, to receive career guidance and college planning support at their schools.

FROM: HUD-Dept of Housing & Urban Development

1. HUD-Dept of Housing & Urban Development  
"Ohana Learning Center at Palolo Homes"  
Franco, Robert W  
Kapiolani CC  
Renovate existing 5,850 sq ft on 2nd floor of Palolo Housing Administration Building, 2170 Ahe Street, Honolulu, HI 96816 and develop programs in conjunction with KapCC Service Learning.

2. HUD-Dept of Housing & Urban Development  
"Waianae Animation Arts and Technology Training and Bridge Project (Digital Bridge)"  
Pecsok, Michael H  
Leeward CC  
Expand the capacity of the partners to educate and train more than 130 new primarily low-income youth from across Waianae Coast.

FROM: National Science Foundation

1. National Science Foundation  
"Research Experience for Undergraduates (REU) Site in Astronomy at the University of Hawaii"  
Williams, Jonathan P  
Institute for Astronomy  
This NSF program was designed to give undergraduate students, interested in science, the opportunity to experience ongoing, cutting-edge research with the hope that some of these students might pursue graduate level studies and become the next generation of scientist. Under this grant, we would establish a site in

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration  
"The Hawaii Space Grant Consortium: Educating the New NASA Workforce"  
Flynn, Luke P  
Haw Inst Geophys & Planet  
The proposed effort outlines the goals carried out by the Hawaii Space Grant Consortium to support NASA science education and workforce development activities.
2. Nat'l Aeronautics & Space Administration  $24,000
"Search for Ultra High Energy Astrophysical Neutrinos with the ANITA Experiment - NESSF - A. Romero-Wolf"
Gorham, Peter W  Physics & Astronomy
NASA Earth and Space Science Fellowships.

3. Nat'l Aeronautics & Space Administration  $31,646
"LWS Support for SPD Summer School on Observations and Models of the Solar Corona in 2007"
Roussev, Ilia I.  Institute for Astronomy
We propose to organize the third Solar Physics Division summer school on Maui, Hawaii, in the summer of 2007. The summer school will benefit from the expanding solar research and education programs at the Institute for Astronomy, which span both observational and computational solar physics.

FROM: Independent Federal Agencies- Minor

1. Corporation for National and Community Service  $10,000
"HIPICC VISTA Project"
Pascua, Atina T  SVP - Academic Affairs
This VISTA proposal will meet the needs of low income communities in Hawaii and the Pacific Island Territories of American Samoa, Guam, and the Commonwealth of the Northern Marianas (CNMI). The VISTA positions will help to develop programs that will help with literacy and economic revitalization.

FROM: Hawaii- Government Agencies

1. County of Kauai  $4,000
"County of Kauai Recycling Internships"
Kincaid, Ramona  Kauai CC
This is an education and training opportunity for student via internships; they will assist in the County's Recycling Office in its waste diversion program and public education outreach.

2. County of Maui  $50,000
"Ka Ipu Kukui Fellows Program"
Sakamoto, Clyde  Maui CC
The funds will help create a community-based leadership program for Maui County using the core values found in the Decisions Maui and Focus Maui Nui process.
3. **DOH-Child & Adolescent Mental Health Division** $21,000

"Family Story Video: Promoting Community Collaboration in Early Childhood, Social and Emotional Issues"

Iwaishi, Louise K Pediatrics- MED

The Dept of Pediatrics and subcontractors are not able to fulfill the original contract in the specified deadling because CAMHD is requiring additional services. In order to fulfill requirements, the Dept of Pediatrics and subcontractors require: 1) Extend the end date of the existing contract from Aug 30, 2007 to Dec 30, 2007 and 2) Charge $150/hr additional services.

4. **DOH-Child & Adolescent Mental Health Division** $243,966

"Graduate Assistant Research and Evaluation Program"

Mueller, Charles W Psychology

Psychology department and DOH (Department of Health), Child and Adolescent Mental Health Division collaborate to provide research and evaluation training for graduate psychology students.

5. **Hawaii-Dept of Agriculture** $7,500

"Solar Water Disinfection for Produce Washing: Workshops and Survey"

Hollyer, James R Plant & Environmental

Conduct workshops and survey farmers to identify agricultural water sources for local farms.

6. **Hawaii-Dept of Education** $20,000

"Hawaii Networked Learning Communities Subscription"

Suthers, Daniel D Info & Computer Science

Provide Department of Education teachers and educational officers with access to Hawaii Networked Learning Communities web site. Support with account and workspace creation and online support such as help with use of features.

7. **Hawaii-Dept of Health** $167,281

"Child and Adolescent Mental Health Nursing (CAMHN) Project"

Chinn, Ramona Nursing

State of Hawaii, Department of Health, Child and Adolescent Mental Health Division (CAMHD) to fund specialized faculty to create an instructional graduate nursing specialization in CAMHN with clinical experience, student's support in form of tuition waivers and role development for advance practice registered nurses (APRN) through faculty practice in the public sector.
8. Hawaii-Dept of Health $28,200
"Grocery Store Tour: Touring Our Supermarkets for Salads, Soups and Stir-Frys"
Kanehiro, Naomi A Coop Extension Svc- CTAHR
Adapt existing materials and models to create a grocery store curriculum, model, and training prototype for grocery store tour leaders to educate FS and FS eligible participants regarding the art and benefits of shopping for produce. This will include curriculum, a Food Education Toolkit, leaflet, and curriculum for Train the Trainer sessions.

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

1. HCF-Hawaii Community Foundation - General $5,000
"10th Grade 2-Day Career Awareness Workshop"
Haleamau-Kam, Raynette Hawaii CC
The purpose of the 2-day workshop is Career Awareness. Students are exposed to a variety of guest speakers from various professions and the second day, they are involved in a career shadowing component within the hotel where the workshop takes place.

FROM: Hawaii- Business and Other

1. Hawaiian Electric Co Inc $30,000
"Data Acquisition System Troubleshooting, Repair, Monitoring, and Maintenance of Photovoltaic Systems" for HECO SunPower for Schools Program"
Miller, Eric Haw Nat Energy Inst -SOEST
The Hawaii Natural Energy Institute (HNEI) at the University of Hawaii at Manoa (UH) will perform consulting work for the Hawaiian Electric Company (HECO), providing recommendations for repairing, maintaining and operation data acquisition systems at HECO-specified photovoltaic installation sites in the "SunPower for Schools" program.

2. Queen Emma Land Company $471,602
"Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY2008, Agreement No. SF08-QEF-MED"
Tam, Elizabeth K Medicine- MED
Salary, Fringe Benefit & Malpractice reimbursement agreement to provided physician and physician related services for FY 2008.
FROM: Hawaii- Health Organizations

1. Hawaii Medical Center East $252,852
   "Salary, Fringe Benefit & Malpractice Insurance
   SF08-HMCE-SURG"
   Takanishi, Danny M. Surgery- MED
   Salary, Fringe Benefit & Malpractice reimbursement agreement to
   provided physician and physician related services for FY 2008.

2. Hawaii Medical Center East $272,102
   "Salary, Fringe Benefit & Malpractice Insurance
   SF08-HMCE-MED"
   Tam, Elizabeth K Medicine- MED
   Salary, Fringe Benefit & Malpractice reimbursement agreement to
   provided physician and physician related services for FY 2008.

3. Queen Emma Clinic $168,095
   "Salary, Fringe Benefit & Malpractice Insurance
   Reimbursement Agreement No. SF08-QEC-PEDS"
   Rudoy, Raul C Pediatrics- MED
   Salary, Fringe Benefit & Malpractice reimbursement agreement to
   provided physician and physician related services or FY 2008.

4. Queen Emma Clinic $62,033
   "Salary, Fringe Benefit & Malpractice Insurance
   Reimbursement Agreement No. SF08-QEC-Surgery"
   Takanish, Danny M. Surgery- MED
   Salary, Fringe Benefit & Malpractice reimbursement agreement to
   provided physician and physician related services or FY 2008.

5. Queen Emma Clinic $313,989
   "Salary, Fringe Benefit & Malpractice Insurance
   Reimbursement Agreement No. SF08-QEC-MED"
   Tam, Elizabeth K Medicine- MED
   Salary, Fringe Benefit & Malpractice reimbursement agreement to
   provided physician and physician related services or FY 2008.

6. Queen's Medical Center $81,000
   "IKE AO PONO/NHHI PROGRAM - Yr 3 Funding from
   Queen's Medical Center"
   Minton, B. Nalani School of Nursing & Dental
   Nursing education program assistance for Native Hawaiian and
   Pacific Island students.
7. Queen's Medical Center  $394,665
"Salary, Fringe Benefit & Malpractice Insurance
Reimbursement Agreement No. SF08-QMC-SURG"
Takanishi, Danny M. Surgery- MED
Salary, Fringe Benefit & Malpractice reimbursement agreement to
provided physician and physician related services or FY 2008.

8. Queen's Medical Center  $43,949
"Salary, Fringe Benefit & Malpractice Insurance
Reimbursement Agreement No. SF08-QMC-MED"
Tam, Elizabeth K Medicine- MED
Salary, Fringe Benefit & Malpractice reimbursement agreement to
provided physician and physician related services or FY 2008.

9. Univ. Clinical, Education & Research Assoc.  $17,973
"Salary, Fringe Benefit & Malpractice Insurance
Reimbursement Agreement No. SF08-UCERA FAM-HM"
Palafox, Neal A Fam Prac & Comm Hlth- MED
Salary, Fringe Benefits & Malpractice insurance premium
reimbursement by University Clinical, Education & Research
Associates (UCERA) to University of Hawaii John A. Burns School of
Medicine for 10% FTE services by physician of Department of Family
Medicine & Community Health for 10 months.

FROM: Mainland- Associations, Foundation, Soc, etc.

1. Haereticus Environmental Laboratory  $7,680
"Belize Dry Season Samples 2006"
Ostrander, Gary K. Chancellor - UH Manoa
Analysis of Belize dry season samples 2006.

2. International Information Systems Security  $12,500
"The Network Threat Recognition with Immune-Inspired
Anomaly Detection Model"
Binsted, Kimberly A Info & Computer Science
The Network Threat Recognition with immune-inspired Anomaly
Detection (NetTRIIAD) model draws inspiration from both the innate
and adaptive portions of the natural immune system, to defend
computers and networks against attack.

3. Sidney Stern Memorial Trust  $2,000
"KIDS FIRST! Film Festival"
Brandman, Ann Outreach College
KIDS FIRST! Film Festival; film screenings and related media literacy
programs.
4. The National Academies

"Ford Foundation Support for: Functional Molecular Analysis of Variation in the Development of the Arthropod Head and Nervous System (FMIS 658992)"

Browne, William E. Pacific Biomed Rsrch Cntr

The funds allocated by the Ford Foundation will support my NSF project which will utilize standard molecular genetic, microinjection, and transgenic methodologies for cloning, functional knockdown, and isolation of genes and promoter sequences implicated in the development of the head and nervous system of the amphipod crustacean, Parhyale hawaiensis.

FROM: Mainland- Other

1. National Foreign Language Center

"Startalk: A Chinese Language Immersion Sports Camp"

Ning, Cynthia Y Chinese Studies- SHAPS

To facilitate the Chinese Language Immersion Sports Camp; planning, administration, and pre- and post-program communication.

2. Space Telescope Science Institute

"Directly Detecting and Analyzing the First Self-Luminous Exoplanets around Sunlike Stars-Hubble Fellow-B. Biller"

Liu, Michael Institute for Astronomy

Directly measuring colors, spectra, and luminosities will provide direct constraints on the temperatures and compositions of these objects, as well as clearly testing model predictions.

FROM: U.S. Universities and Colleges

1. Charles R. Drew University

"NIDDK/Drew National High School Student Summer Research Apprenticeship Program - Hawaii Chapter"

Hui, George S N Trop Med - Med Micro- MED

2. Univ of Maryland

"A Chinese Language Immersion Sports Camp"

Ning, Cynthia Y Chinese Studies- SHAPS

Design and administer a 3-week Chinese language immersion sports camp to a total of 60 students, and a concurrent teachers institute for 10 teachers.
3. Univ of Notre Dame
   "QuarkNet"
   Jones, Michael D    Physics & Astronomy
   The QuarkNet project involves high school teachers using cosmic ray detectors as a way to introduce particle physics concepts in their teaching.

FROM: Miscellaneous

1. Center for Tropical and Subtropical Aquaculture
   "Pacific Regional Aquaculture Information Service for Education (PRAISE) and Publications, Year 1--Publications Components"
   Hashimoto, Andrew    College of Tropical Ag &
   Supply educators, industry members, and other key individuals in Hawaii and the American Insular Pacific with timely and relevant information, using the Internet, traditional print formats, and other media. Update this aquaculture community on the progress of projects supported by CTSA and other Regional Aquaculture Centers. Deliverables include a quarterly newsletter.
Funds Received from UH Foundation

NON-RESEARCH AWARDS

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

1. Univ of Hawaii Foundation  $24,125
   "SAIC Scholarship"
   Fossorier, Marc P C  Electrical Engineering
   Not applicable as no delivery expected.

2. Univ of Hawaii Foundation  $24,300
   "Philosophy in the Schools Graduate Assistant"
   Jackson, Thomas E  Philosophy
   Hire of a graduate assistant to provide administrative support to
   Director of Philosophy in the Schools Program. Meet weekly with
   Director to develop and review goals, develop a database of
   participating teachers and graduate students, work on teaching
   schedule for graduate students, and maintain calendar of important
   project dates and deadlines.

3. Univ of Hawaii Foundation  $210,094
   "Contemporary Challenges in Microbial Oceanography"
   Karl, David M  Oceanography - SOEST
   To train the next generation of scientists in the discipline of microbial
   oceanography.

4. Univ of Hawaii Foundation  $22,853
   "WCC/UHF General Support"
   Meixell, Angela C  Windward CC
   Account established to make payments to UH employees with UHF
   funds.

5. Univ of Hawaii Foundation  $20,000
   "UHF General Support of Hon CC"
   Pedersen, Ramsey  Honolulu CC
   To provide general support of Honolulu Community College through
   the use of funds currently administered by the University of Hawaii
   Foundation.

6. Univ of Hawaii Foundation  $3,500
   "Manoa: A Pacific Journal"
   Stewart, R Frank  English
   Production of a literary magazine; funds will be used for staff wages.
### SUMMARY

**EXTRAMURAL RESEARCH AWARDS, DISTRIBUTION BY SPONSORS**

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# SUMMARY

## EXTRAMURAL NON-RESEARCH AWARDS,

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79  $18,851,555  100.00
YEAR-TO-DATE SUMMARY
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DISTRIBUTION BY SPONSORS

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<td>232</td>
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## YEAR-TO-DATE SUMMARY

**EXTRAMURAL NON-RESEARCH AWARDS**,  
**DISTRIBUTION BY SPONSORS**

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>5</td>
<td>$2,317,890</td>
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<td>DHHS-Dept of Health &amp; Human Services</td>
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<td>$2,677,971</td>
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<td>DOC-Dept of Commerce</td>
<td>5</td>
<td>$665,431</td>
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<td>DOD-Dept of Defense</td>
<td>1</td>
<td>$749,029</td>
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<tr>
<td>DOI-Dept of Interior</td>
<td>1</td>
<td>$230,000</td>
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<tr>
<td>ED-Dept of Education</td>
<td>30</td>
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<td>HUD-Dept of Housing &amp; Urban Development</td>
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<td>National Science Foundation</td>
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<td>Nat'l Aeronautics &amp; Space Administration</td>
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<td>Independent Federal Agencies- Minor</td>
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<tr>
<td>Hawaii- Government Agencies</td>
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<td>Hawaii- Associations, Foundations, Societies, etc.</td>
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<td>Hawaii- Business and Other</td>
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<td>Hawaii- Health Organizations</td>
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<td>$3,173,128</td>
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<td>Mainland- Associations, Foundation, Soc, etc.</td>
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<td>Mainland- Business</td>
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<td>Mainland- Other</td>
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<tr>
<td>Miscellaneous</td>
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</table>

**Total**: 142  
**Amount**: $36,543,625  
**Percent**: 100.00
Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DHHS-Dept of Health and Human Services

1. DHHS-Dept of Health and Human Services       $646,230
   “Biomed Research – UH Hilo”
   Daniel Brown             UHH-Natural Science

2. DHHS-Dept of Health and Human Services $19,557
   “Evaluation of EDXRF – Hamakua Coast”
   Steven Lundblad          UHH-Geology

FROM: DOI-Dept of Interior

1. DOI-Dept of Interior $37,153
   “Arthropod Prey Availability FY 08”
   Sharon Ziegler-Chong     UHH-Aquaculture

2. DOI-Dept of Interior $2,996
   “Hawaii Volcanoes National Park Lithics Field
   Collection and Household Artifact Analysis”
   Steven Lundblad          UHH-Geology

3. DOI-Dept of Interior $194,584
   “Unit Support/General Activities ‘04”
   Sharon Ziegler-Chong     UHH-Aquaculture

4. DOI-Dept of Interior $32,400
   “Unit Support/General Activities UH HIP”
   Sharon Ziegler-Chong     UHH-Aquaculture

5. DOI-Dept of Interior $88,739
   “UHH Controlling Invasive Ants”
   Sharon Ziegler-Chong     UHH-Aquaculture
6. DOI-Dept of Interior  
   “UHH Developing Strategies: Managing Mouflon”  
   Sharon Ziegler-Chong  
   UHH-Aquaculture  
   $53,595

7. DOI-Dept of Interior  
   “UHH Koa Ohia Community Ecology”  
   Sharon Ziegler-Chong  
   UHH-Aquaculture  
   $41,000

FROM:  NSF-Nat’l Science Foundation

1. NSF-Nat’l Science Foundation  
   “Graduate Research Fellowship Program”  
   Rose Tseng  
   UHH-Chancellor’s Office  
   $40,500

FROM: Hawaii Government Agencies

1. State of Hawaii-Department of Agriculture  
   “Census Assessment-Coqui Frog Populations and Application of Sound Pressure Level Recording To Efficacy Measure”  
   William Mautz  
   UHH-Natural Science  
   $34,865

NON-RESEARCH AWARDS

FROM:  ED-Dept of Education

1. ED-Dept of Education  
   “YR 3 Native Hawaiian Serving Institution ‘08”  
   Gail Makuakane-Lundin  
   UHH-Distance Education And Instructional Technology  
   $494,075

2. ED-Dept of Education  
   “YR 2 Education Native Hawaiians: Pathway ‘08”  
   David Sing  
   UHH-Director’s Office  
   $1,102,680

3. ED-Dept of Education  
   “YR 3 Education Native Hawaiians: Hoomau ‘08”  
   $618,798
David Sing UHH-Director’s Office

4. ED-Dept of Education $344,930
   “YR 1 Education Native Hawaiians: Olelo Ola ’08”
   Keiki Kawaiaea UHH-Hawaiian Studies

5. ED-Dept of Education 430,114
   “Upward Bound Classic Program/Room & Board ’07/08”
   Leonard Woods UHH-Upward Bound

FROM: DHHS-Dept of Health and Human Services

1. DHHS-Dept of Health and Human Services $136,382
   “Mentoring/Career Development Of PTSD
   Services Research”
   B. Christopher Frueh UHH-Social Sciences
### UNIVERSITY OF HAWAII AT HILO SUMMARY
### EXTRAMURAL RESEARCH AWARDS, AUGUST 2007 - AUGUST 2007
### DISTRIBUTION BY SPONSORS

<table>
<thead>
<tr>
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<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<td>DOI-Dept of Interior</td>
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<td>NSF-Nat’l Science Foundation</td>
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<td>Hawaii Government Agencies</td>
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<td><strong>Total</strong></td>
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# UNIVERSITY OF HAWAII AT Hilo Summary

## Extramural Non-Research Awards, August 2007 - August 2007

### Distribution by Sponsors

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<thead>
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<th>PERCENT</th>
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<tbody>
<tr>
<td>ED-Dept of Education</td>
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<td><strong>Total</strong></td>
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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL RESEARCH AWARDS, JULY 2007 - AUGUST 2007

DISTRIBUTION BY SPONSORS

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<th>PERCENT</th>
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<tbody>
<tr>
<td>DHHS-Dept of Health and Human Services</td>
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<td>52.00</td>
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<td>DOI-Dept of Interior</td>
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<td>DOJ-Dept of Justice</td>
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<tr>
<td>NSF-Nat’l Science Foundation</td>
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<tr>
<td>Hawaii Government Agencies</td>
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<tr>
<td>Hawaii Business and Other</td>
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<td><strong>Total</strong></td>
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<td><strong>$1,271,506</strong></td>
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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS, JULY 2007 - AUGUST 2007

DISTRIBUTION BY SPONSORS

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<tr>
<td>ED-Dept of Education</td>
<td>5</td>
<td>$2,990,597</td>
<td>69.00</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
<td>1</td>
<td>$136,382</td>
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<tr>
<td>Hawaii Business &amp; Other</td>
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PURSUANT TO BOARD OF REGENTS POLICY, CHAPTER 8-1C
SUBMISSION OF CONSULTANT SERVICES CONTRACT
EXCEEDING $100,000 FOR BOARD APPROVAL

Description: Extension of consultant services contract to enhance extramural funding opportunities for University of Hawaii research proposals

Contractor: The Implementation Group

Amount: $180,000.00

Term: July 1, 2007 to June 30, 2008

Campus: UH System, Office of the Vice President for Research

Fund Source: Revolving

Recommendation: That the Board approve the contract extension
Appointments, changes in appointments, leaves of absence, promotion, tenure, waiver of minimum qualifications, emeritus titles, shortening of probationary period, salary adjustments, position actions, classification, pricing.

UNIVERSITY OF HAWAI'I AT MĀNOA

Executive

OSTRANDER, GARY KENT
Vice Chancellor Research and Graduate Education
& Interim Director of the Pacific Biomedical Research Center & Professor
Temporary Assignment of Additional Duties
   Associated with the Interim Dean, John A. Burns School of Medicine
   September 25, 2007 – September 24, 2008, or unless sooner relieved

COMMUNITY COLLEGES

Emeritus

BUSHNELL, ANDREW F.
Professor, CC, C5
History
Kaua'i Community College
Upon Board Approval

CARMICHAEL, RICHARD
Professor, CC, C5
Nursing
Kaua'i Community College
Upon Board Approval

LAI, WAIHANG
Professor, CC, C5
Art
Kaua'i Community College
Upon Board Approval

PENISTEN, JOHN
Professor, CC, C5
English
Hawai'i Community College
Upon Board Approval

Recommendation: That the Board approve the personnel actions as recommended