BOARD OF REGENTS’ MEETING

Date:  May 29-30, 2008  
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:  9:15 a.m.

Place:  Hale Kalaniana‘ole
Dept. of Hawaiian Home Lands
91-5420 Kapolei Parkway
Kapolei, HI  96707

AGENDA

I.  Call Meeting to Order

II.  Approval of Meeting Minutes of February 15, 2008, and March 13, 2008

III.  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.

IV.  Report of the President

V.  Report on the Association of Governing Boards Conference

VI.  Report of the University of Hawai‘i Foundation

VII.  Items for Board Action:

University of Hawai‘i – Mānoa
1. Approval of Donor Recognition and Naming for the Clarence T.C. Ching Athletics Complex
2. Approval of Extension of Lease Agreement for Temporary Space at Dole Office Building for Library Services
3. Approval of a Service Order to RCUH for Equipment Purchase for the Advanced Technology Research Center on Maui, Institute for Astronomy
4. Approval of a Master’s Degree in Financial Engineering, Shidler College of Business

University of Hawai‘i - Community Colleges
6. Approval of Amendments to West Hawai‘i Campus Lease Agreements — Hawai‘i Comm. Coll.
University of Hawai‘i System
8. Approval of CIP and R & M Project Contracts for FY 07-08
9. Update on Construction Projects/Funding (Information only)
10. Asset Management Report by PPCG (Information only)
11. Quarterly Financial Status Report (Information only)
12. Response to Legislative Resolutions
13. Approval of Service Order to RCUH for Equipment and Furniture for UH Hilo’s Science and Technology Building

Report from Board Committees
a. Committee on University Audits
   14. Acceptance of (a) Report of the External Auditor on the Audit of the Consolidated Financial Statements of the University of Hawai‘i; and (b) External Auditor’s Internal Controls and Business Issues Report
   15. Approval of Internal Audit Plan, FY 08-09
b. Committee on Personnel Affairs
   16. Approval of Tenure and Promotion
17. New Regent Orientation Proposed Agenda

Amendments to BOR Bylaws and Policies, and Public Policies
18. Approval to Amend BOR Policy, Chapter 6, to Establish a New Student Activity Fee – UH Hilo
19. Approval to Amend BOR Policy, Chapter 6, to Increase Student Health Fee - UH Mānoa
20. Approval to Amend BOR Policy, Chapter 8, Admission Fees and Charges to Athletic Events - UH Mānoa
21. Approval to Amend BOR Policy, Chapter 9, Supplemental Compensation for All Coaches and Designated Classes - UH Mānoa
22. Approval to Amend BOR Policy, Chapter 5, Relating to Research Management Group
23. Approval to Amend BOR Bylaws, Article II.D, Committees of the Board
24. Approval of Amendment to Chapter 20-12-18, Hawai‘i Administrative Rules, Governing Schedule of Penalties for Disabled Parking Violations


IX. 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]

X. Announcements

Next Meeting of the Board:
Date: July 31, August 1, 2008
Place: Leeward Community College

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XI. Executive Session (closed to the public):

Matters Relating to the Solicitation and Acceptance of Private Donations: (To discuss the following donation matters pursuant to HRS §92-5(a)(7))
   a. Approval of Donor Recognition and Naming for the Clarence T.C. Ching Athletics Complex
   b. Review of Services Provided by UH Foundation

Personnel Actions Related to the Following Positions: (To discuss the following personnel matters pursuant to HRS §92-5(a)(2))
   c. Approval of Appointment of Chancellor, Leeward Community College
   d. Approval of Appointment of Chancellor, Kaua’i Community College
   e. Approval of Appointment of Interim Chancellor, Honolulu Community College
   f. Approval of Incentive Early Retirement Agreement with Honolulu Community College Chancellor
   g. Approval of Exception to BOR Policy, Chapter 9-13d(2), Awarding of Emeritus Title
   h. Approval of Emeritus Title, Kaua’i Community College Faculty
   i. Evaluation of Personnel Reporting Directly to the Board
   j. Approval of Tenure and Promotion
   k. Special Salary Adjustment and Term — UH Hilo Chancellor
   l. Update on Executive Searches

Personnel Actions Related to the Following Positions: (To discuss authority of persons conducting labor negotiations pursuant to HRS §92-5(a)(3))
   m. Collective Bargaining

XII. Adjournment
Gifts, Grants, and Contracts

The following gifts, grants and contracts received by all campuses except the University of Hawai‘i at Hilo during the period January 1, 2008 through January 31,2008 total $17,303,040. The University of Hawai‘i at Hilo received a total of $834,621 during the same period.

Gifts, Grants, and Contracts Received January 1-31, 2008

RESEARCH AWARDS

FROM: World Turtle Trust

1. World Turtle Trust
   "Hawaii Island Hawksbill Turtle Recovery Project"
   Duffy, David Botany
   Manage and protect the endangered Hawksbill sea turtle by protectin and restoring its nesting habitat on the Big Island.

FROM: DA-Dept of Agriculture

1. DA-Dept of Agriculture
   "Modulation by Gonadal Steroid Hormones of the Effects of Growth Hormone, Prolactin and Somatolactin on Somatic Growth and Reproduction"
   Grau, E Gordon Haw Inst Marine Bio-SOEST
   The specific aim is to characterize the mechanisms that determine how energy is directed toward somatic growth and/or reproduction.

2. DA-Dept of Agriculture
   "Determining the Mechanisms of Environmental Salinity and Gonadal Steroid Hormones on the Growth Hormone/Insulin…Fellow-D.Lerner"
   Lerner, Darren T. Haw Inst Marine Bio-SOEST
   The specific aim of the proposal is to investigate the effects of environmental salinity and gonadal steroid hormones on the growth hormone/insulin-like growth factor axis. Tilapia will be exposed to estrogens or androgens at various salinities. Mechanisms of action will be determined by measuring hormones, gene expression and receptor activity.

FROM: DHHS-Dept of Health & Human Services

1. National Institutes of Health
   "Hawaii ACTU - Adult Therapeutic Clinical Trials Program"
   Shikuma, Cecilia M Medicine- MED
   To test various experimental HIV drug therapies and regimens on human subjects.
2. NIH-Nat'l Cancer Institute (NCI)  
"Role of Cell Mediators in Asbestos - SV40 Carcinogenesis"  
Carbone, Michele  
Cancer Research Center  
This proposal will be studying the hypothesis that asbestos and SV40 are co-carcinogens in causing malignant mesothelioma.

3. NIH-Nat'l Center for Complementary &  
"Cruciferous Indoles in the Amelioration of the Metabolic Syndrome"  
Theriault, Andre G  
Medical Technology- MED  
Investigation of nutrients from cruciferous vegetables on fat and sugar metabolism in diabetic hamsters.

4. NIH-Nat'l Inst of Allergy & Infectious Diseases  
"Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms"  
Gerschenson, Mariana  
School of Medicine  
39 million people are living with HIV and when they are treated with drugs like d4T or ZDV this can cause side-effects like fat loss that we are trying to understand and prevent.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric  
"Dive Proposal to Investigate the Deep Coral Reefs of Hawaii"  
Wiltshire, John C  
HURL - SOEST  
To conduct submersible dives in waters off Maui or in coastal waters of the main Hawaiian Islands to investigate a deep coral reef complex.

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research  
"Coherence-based Modeling of Cultural Change and Political Violence"  
Chai, Sun-Ki  
Sociology  
Building simulation environment that will allow policy-makers to analyze long-term effects of various policy interventions on configurations of culture (ideologies, values, and beliefs) in different parts of the world, and also predict the effect of cultural change, in interaction with economic and political structural conditions, upon violent collective action.

2. 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.
3. DOD-Dept of Navy

"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.

4. DOD-Dept of Navy

"Radar Remote Sensing of the Mesoscale Flow Through Straits of the Philippines Archipelago"

Flament, Pierre J  Oceanography - SOEST

An observational program to quantify the mesoscale flow through archipelago straits of South East Asia was proposed. An expansion is requested to cover additional sub-contractual work.

5. DOD-Dept of Navy

"Multiple Approaches for Testing Novel Coatings in the Laboratory and in Pearl Harbor, Hawaii: Investigations at the Microbial and Macrofouler Levels"

Hadfield, Michael G  Pacific Biosciences

Testing of fouling organisms on experimental marine coatings.

6. DOD-Dept of Navy

"Analysis and High-Resolution Modeling of Tropical Cyclogenesis during the TCS-08 and TPARC Field Campaign"

Li, Tim  Meteorology - SOEST

To assimilate the in-situ observations using NAVDAS and 4DVar, and to investigate 3D moisture, temperature and wind structure and evolution characteristics prior to and during TC formation, and to conduct COAMPS high-resolution cyclogenesis forecasts using the data assimilation product.

7. DOD-Dept of Navy

"Enhanced Spatial Mapping Capabilities for the Kilo Nalu Observatory"

Pawlak, Eugene  Ocean & Resources

The work proposed here aims to exploit new AUV resources and enhance existing AUV/ROV capabilities in parallel, with the objective of developing new spatial mapping capacity at the Kilo Nalu Observatory.

8. DOD-Dept of Navy

"Detection Methods of Counter Improvised Explosive Devices (C-IED)"

Syrmos, Vassilis L  Vice Chancellor Research

This project addresses detection methods for counter improvised explosive devices. The proposed research is focused in three major technologies. In particular, a) detection of explosives with Stand-off
Raman Spectroscopy, b) detection of buried objects via measurements of Telluric Current Gradients and c) High Powered Miniature Lasers for IED Characterization.

9. DOD-Naval Research Laboratory $221,728
"Long-Range Lightning Detection over the Western Pacific Ocean"
Businger, Steven Meteorology - SOEST
The goals of this proposal are: (i) to expand PacNet long-range lightning detection coverage to the Western Pacific Ocean, (ii) to calibrate the extended network (Cummins 2006), (iii) establish relationships between lightning rates and rainfall fates, (iv) investigate the morphology of lightning in storms systems, and (v) assimilate the data into numerical models.

10. DOD-Naval Research Laboratory $85,000
"Modeling and Testing of Laser-Water Light Fields"
Porter, John N Haw Inst Geophys & Planet
Refined modeling studies of water surface lidar.

FROM: DOE-Dept of Energy

1. DOE-Dept of Energy $150,000
"I. Structural and Mechanistic Studies of Doped Alanates; II. Kinetic Enhancement of Thermodynamically Tuned, High Capacity, Reversible Metal Hydrides"
Jensen, Craig M Chemistry
Development of high performance hydrogen storage materials.

FROM: Environmental Protection Agency

1. Environmental Protection Agency $9,968
"Treatment and Reuse of Urban Storm Water With a Customized Constructed Wetland"
Idol, Travis Natural Resources &
We will be designing a constructed wetland to treat on-campus storm water flows. The grant will support data collection, training, analysis, and consultation with experts to develop the design parameters and an implementation plan, including a demonstration strategy and educational presentations.

FROM: National Science Foundation

1. National Science Foundation $258,365
"VOCALS: Airborne Measurements of Aerosol Dynamics and Evolution"
Clarke, Antony D Oceanography - SOEST
Understanding the role of aerosol properties in cloud and drizzle formation.
2. National Science Foundation
"Mantle Structure Beneath UltraSlow-Spreading Mid-Ocean Ridges"
Dunn, Robert A
Geology & Geophys - SOEST
1) To determine whether lithospheric thickness, thermal structure and melt distribution in the mantle beneath the Arctic Ridges correlate with trends in spreading rate, axial depth, basalt geochemistry, crustal thickness, and style of rifting, and 2) To determine whether the lithosphere is substantially thicker than that beneath faster spreading ridges.

3. National Science Foundation
"Collaborative Research: A Distributed Data Management System to Support Arctic Geology and Geophysics Programs"
Edwards, Margo H
Haw Inst Geophys & Planet
Collect and archive raw geophysical and navigational data on the first leg of the USCGC Healy 2006 summer field program.

4. National Science Foundation
"CAREER: Crystallization Kinetics in Volcanology"
Hammer, Julia E
Geology & Geophys - SOEST
Experimental study of crystal nucleation, growth, and textural evolution in silicate magma.

5. National Science Foundation
"Powerful Silicic Explosive Volcanism: Understanding Abrupt Eruption Shifts in Style and Intensity in the 181 AD Taupo Eruption"
Houghton, Bruce
Geology & Geophys - SOEST
Development of a model to explain the complex and rapidly changing nature of the most powerful eruption recorded in the last 5000 years worldwide.

6. National Science Foundation
"Developing a Collaborative Educational/Research Program for Remote Sensing Using Precision Spectropolarimetry"
Kuhn, Jeffrey R
Institute for Astronomy
This planning activity will formulate and initialize a program to allow technical students from Mexico to travel to the University of Hawaii, Institute for Astronomy Haleakala Observatory. We expect to formulate a long-running joint US/Mexico program that will allow students to learn to obtain and analyze remote sensing astronomical spectropolarimetry data.

7. National Science Foundation
"Functional Approaches to the Origin of the Bilaterally Symmetrical Body Plan in Animal Development"
Martindale, Mark Q
Pacific Biosciences
To document anatomical features of bilateral symmetry in the nervous system of "simple" animals (sea anemones) and to investigate whether the molecular basis for bilaterality is the same in this group as it is in "higher" animals.
8. National Science Foundation
"Biodiversity of Hawaiian Rhodophyta: Morphological Vouchers, DNA Archival and Sequence Diversity Assessment"
Sherwood, Alison Botany
The proposed research will document the biodiversity of Hawaii's red algae. A variety of analyses will be employed, including traditional morphological examinations, DNA extraction and archival, and the development of a genetic assessment technique. The research emphasizes accurate and up-to-date dissemination of biodiversity data through web-accessible databases.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration
"A Method for Identifying Mineralogical Signatures in Locales with Large Topography Using Atmospherically Equalized THEMIS Data"
Anderson, F Scott Haw Inst Geophys & Planet
Derive and test new atmospheric correction for THEMIS data from Mars.

2. Nat'l Aeronautics & Space Administration
"Characterization of Hg: Cd: Te Avalanche Photo Diode Arrays: A Path to an Infrared Photon Counting Array"
Hall, Donald N B Institute for Astronomy
The objective of this proposed research is to completely bypass the voltage read noise in conventional charge integrating arrays by demonstrating noiseless infrared photon counting detector arrays limited only by natural background. We propose to demonstrate this for the near infrared utilizing existing, space qualified components.

3. Nat'l Aeronautics & Space Administration
"Origin and Evolution of the Solar System Through the Study of Extraterrestrial Materials"
Keil, Klaus Haw Inst Geophys & Planet
Study of extraterrestrial materials such as meteorites from asteroids, Moon and Mars and returned lunar samples to understand the history of solid materials in the first few million years of Solar System history, and the formation of planetesimals, asteroids and planets.

4. Nat'l Aeronautics & Space Administration
"The Origin, History, and Distribution of Water and its Relation of Life in the Universe"
Meech, Karen J Institute for Astronomy
To research the diversity, phylogeny, and genetics of the basal metazoan Trichoplax adhaerens (placozoa) to further our understanding of the origin of complex life on Earth.

5. Nat'l Aeronautics & Space Administration
"NASA Roses-2005 NRA Living with a Star"
Roussev, Ilia I. Institute for Astronomy
This proposal is to study the shock acceleration of solar energetic
particles, and their transport, coupled to the dynamics of coronal mass ejections driven shock wave of the sun. The goal is to develop a self-consistent model which integrates the best theories developed for every aspect of the solar particle production and transport.

6. Nat'l Aeronautics & Space Administration
   "Improved Detention and Monitoring of Volcanic Activity Using MODIS"
   Wright, Robert  Haw Inst Geophys & Planet
   Developing a new method for detecting volcanic activity using satellite data by using NASA's MODIS sensor.

FROM: Hawaii- Government Agencies

1. DLNR-Division of Aquatic Resources
   "Analytical Support for DAR Coral Reef Science and Monitoring Programs in the Main Hawaiian Islands"
   Birkeland, Charles  Zoology
   DAR and partner institutions will (I) gather, maintain and analyze new and existing data for status and trends of coral reef resources; (ii) assess the effectiveness of existing management programs; and (iii) disseminate credible and scientifically valid information within DAR, to external agencies and NGOs, and to the public at large.

2. Hawaii-Civil Defense Division
   "Tsunami Inundation Map for Hawaii"
   Cheung, Kwok F  Ocean & Resources
   Develop tsunami inundation maps for Hawaii.

3. Hawaii-Dept of Agriculture
   "Pesticide Registration: Quality Assurance"
   Li, Qing  Molecular Biosci & Biosyst
   Quality assurance of field efficacy and residue studies of pesticides on crops for pesticide registration on compliance with the EPA GLPs (40 CFR 160).

4. Hawaii-Dept of Human Services
   "Money Follow the Person - Going Home Plus"
   Ozaki, Rebecca  Center on Disability Studies
   Community planning to implement the going home plus grant.

5. Hawaii-Dept of Land & Natural Resources
   "Kauai Alien Pest Response Effort"
   Duffy, David  Botany
   Continue work of Kauai Invasive Species Committee to detect and manage invasive species on Kauai.

6. Hawaii-Dept of Land & Natural Resources
   "The CGAPS Project: FY 08"
   Duffy, David  Botany
   Continue coordination of Coordinating Group on Alien Pest Species projects, specifically education and public outreach.

7. Hawaii-Dept of Land & Natural Resources
   "Detection and Control of Invasive Species on Oahu"
   Duffy, David  Botany
   Continue invasive species eradication and related work on Oahu.
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Budget</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>8. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$629,301</td>
<td>Continue support of Maui Invasive Species Committee's eradication of Invasive species on Maui.</td>
</tr>
<tr>
<td>9. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$61,772</td>
<td>Facilitate the implementation of Hawaii's Recreational Impacts to Reefs Local Action Strategy and Outreach Coordinator.</td>
</tr>
<tr>
<td>10. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$42,490</td>
<td>Work cooperatively with DLNR on GIS mapping of forest fire response and development of a state forestry plan.</td>
</tr>
<tr>
<td>11. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$152,637</td>
<td>Develop a programmatic seabird habitat conservation plan, addressing the take of endangered and threatened seabirds resulting from urbanization impacts on Kauai.</td>
</tr>
<tr>
<td>12. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$391,000</td>
<td>Continue Big Island Invasive Species Committee's efforts to contain damaging Invasive species on the Big Island.</td>
</tr>
<tr>
<td>13. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$172,000</td>
<td>Research and manage recovery efforts for endangered Maui forest birds, including the Po'ouli.</td>
</tr>
<tr>
<td>14. Hawaii-Dept of Land &amp; Natural Resources</td>
<td>$22,344</td>
<td>The objectives of this study are to: 1) Determine problems and costs associated with improving the accuracy of game harvest estimates and hunter recreation in Hawaii; 2) (ii) Devise strategies that reduce differences between the number of hunters and the number of hunting licenses purchased; and, 3) (iii) Test date gathering procedures to determine accuracy of estimates.</td>
</tr>
<tr>
<td>15. Hawaii-Dept of Transportation</td>
<td>$121,784</td>
<td></td>
</tr>
</tbody>
</table>
"Application of Recycled Materials in Highway Projects"
Ooi, Phillip S K Civil and Environmental
Study the feasibility and develop guidelines and procedures on the use of recycled glass, recycled concrete aggregate and reclaimed asphalt pavement for use in highway projects.

16. Hawaii-Dept of Transportation $119,315
"Enhanced Hydraulics Design for Highway Bridges and Culverts"
Teng, Michelle H Civil and Environmental
This project will involve both laboratory and field studies on selected bridges and culverts in Hawaii. The main objective is to improve the current design manuals used by design engineers nationwide for bridge and culvert design by adding more specific factors that are unique to Hawaii's streams and watershed.

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

1. Hawaii's Fisheries Local Action Strategy $12,681
"Life History Compendium for Exploited Hawaiian Fishes"
Langston, Ross Zoology
The proposed project will conduct a literature review of life history information for selected reef fishes and incorporate the information into a published compendium.

2. HCF-Geist Foundation $50,000
"Establishment of Lentiviral Vector Mediated Transduction and Expression of a Potential Neuro-Protective Factor in Mouse Monocytes and Macrophages"
Lu, Yuanan Public Health Sciences
Up-regulated expression of tumor necrosis factor-a in the central nervous system (CNS) plays an important role in the development of human immunodeficiency virus-1 (HIV-1)-associated dementia (HAD). This study is aimed to test a novel therapeutic approach for HAD is to block the biological activity of the TNF-a through the delivery of a soluble TNF receptor.

3. HCF-Hawaii Community Foundation - General $49,917
"Inhibition of miRNA Functions by NS1 Protein of Influenza A Virus"
Li, Hongwei Microbiology
Non-structural protein 1 (NS1) of influenza A virus is the major virulent factor and essential for viral pathogenesis. We propose to investigate the effect of NS1 protein on the functions of a class of small regulatory RNAs (microRNAs), and provide further insights into the mechanism of NS1-mediated viral virulence.

4. HCF-Hawaii Community Foundation - General $50,000
"RasGRP1 in Human Non Melanoma Skin Cancer"
Lorenzo, Patricia S Cancer Research Center
To study RasGRP1 signaling in human skin tumors and in 3-D cultures.

5. Oahu Resource Conservation and Development $251,445
"Evaluating Cover Crop Effects on Soil Quality, Insect
Population Dynamics, and Economic Return for Diversified Farms in Hawaii

Deenik, Jonathan Tropical Plant & Soil Science

The goal of the present project is to quantify the impacts of cover cropping on soil quality, insect population dynamics, and the economic return to the farmer.

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

1. American Chemical Society - Petroleum Res
   "Investigation of Flow Boiling Heat Transfer to Binary Mixtures in Micro-Channels"
   Qu, Weilin Mechanical Engineering
   The proposed study will experimentally investigate the pressure drop, heat transfer, and flow pattern associated with binary mixture flow boiling in micro-channels. New heat transfer predictive tool will be developed based on experimental results.

2. American Chemical Society - Petroleum Res
   "A Refined Chronology of Late Eocene to Late Oligocene Coral Reefs: Implications for Coral Calcification Under a Regime"
   Ravizza, Gregory E Geology & Geophys - SOEST
   The proposed work will support a graduate students' PhD dissertation work. The project required the study of fossil coral reefs and associated geochemical analyses in order to precisely determine the time of coral reef formation. The specific deposits to be studied are of special interest because they grew during times of elevated atmospheric carbon dioxide levels.

3. US-China Legal Cooperation Fund
   "Death Penalty Standards in China"
   Johnson, David T Sociology
   This is a research for standards on nurturing the rule of law in Chinese capital punishment by assessing how the supreme people's court's new death penalty guidelines are being applied in Beijing, Shandong, and Guangdong.

FROM: Mainland- Business

1. Concurrent Technologies Corporation
   "Hawaii Underwater Chemical Munitions Survey Plan"
   Syroms, Vassilis L Vice Chancellor Research
   To survey the Hawaiian Waters for Chemical Munitions.

2. MVS Systems, Inc.
   "Photoelectrochemical Hydrogen Production"
   Miller, Eric Haw Nat Energy Inst -SOEST
   An "energy economy" based on clean-burning hydrogen instead of fossil fuels will be an important part of our nation's future. In this research, the Hawaii Natural Energy Institute will be developing low cost photoelectrochemical devices to produce hydrogen directly from water using sunlight as the energy source.
3. Ocean Acoustical Services and Instrumentation
   "$25,000"
   "Identification of Marine Mammal Sounds from Passive
   Detector"
   Au, Whitlow       Haw Inst Marine Bio-SOEST
   Perform analysis of sounds recorder on a glider and identify marine
   mammal species recorded.

4. Raytheon Company
   "$100,000"
   "Pacific Disaster Center Real-time Sharing of Hazard
   Data"
   Gaines, James R   VP for Research
   PDC will devise a two-way data sharing capability between PDC's
   geospatial information technology dissemination services and
   Solipsys's Tactical Display Framework and Multi Source Correlator
   Tracker software products.

FROM: Mainland- Health Organizations

1. American Diabetes Association, Inc
   "$199,997"
   "Intervention for a Chronic Disease Epidemic: Community
   Health Initiatives and Promotion Strategies for Diabetes
   Prevention (ICE CHIPS) in Native NA's"
   Sharma, Sangita   Cancer Research Center
   The aim of this project is to reduce risk factors for diabetes by taking
   a novel approach of working in partnership with Native North
   American communities and local government to develop, implement
   and evaluate a culturally appropriate community-based diabetes
   prevention program aimed at improving diet and physical activity in
   adults.

2. Women & Infants Hospital of Rhode Island
   "$270,499"
   "Prenatal Methamphetamine Exposure and School Aged
   Outcome (IDEAL II)"
   Derauf, D Christian Pediatrics- MED
   The major goal of this project is to study the effects of prenatal
   methamphetamine exposure on child outcomes.

FROM: Mainland- Other

1. Black and Veatch
   "$41,400"
   "Hawaii Statewide Biofuels Assessment"
   Ogoshi, Richard   Tropical Plant & Soil Science
   This project will conduct a statewide biofuels assessment.

2. Jet Propulsion Lab
   "$18,600"
   "Mineralogy and Geology of Olivine-rich Terrains Using
   THEMIS Data"
   Hamilton, Victoria Haw Inst Geophys & Planet
   Conduct research into the mineralogy of the Martian surface using
3. Jet Propulsion Lab  
"Albedos of Small Hilda Asteroids"  
Jewitt, David C  
Institute for Astronomy  
The science objective of this proposal is to measure albedos from main-belt comets and dynamically similar objects so as to enable comparison with classical comets. Ground-based data at optical wavelengths are combined with Spitzer thermal measurements to determine albedos.

4. Lincoln Institute of Land Policy  
"Biases in Estimating the Effect of Hawaii’s Split-rate Property Tax Reform on Long-run Spatial Development"  
Kwak, Sally  
Economics  
We investigate the size and direction of bias in estimates of the effect of split-rate systems of property taxation on elements of spatial development. In order to understand this bias, it is crucial to address the potential non-randomness in the adoption (or not) of split-rate systems by localities. To keep the problem manageable, we examine one particular state, Hawaii.

5. Smithsonian Astrophysical Observatory  
"The Non-Potential Structure of Active Regions"  
Li, Jing  
Institute for Astronomy  
Data taken at the Mees Solar Observatory on the Imaging Vector Magnetograph will be reduced by the PI and shared with the other project members to refine the modeling methods to construct Nonlinear Force Free Fields (NLFFF). This in turn will improve the understanding of the solar magnetic field.

FROM: U.S. Universities and Colleges

1. Arizona State University  
"Maximizing Mini-TES: Refining the Details and Expanding the Investigation of the Mineralogy of Gusev Crater"  
Hamilton, Victoria Haw  
Inst Geophys & Planet  
Dr. Hamilton is a Co-Investigator on this proposal submitted by Dr. Steven Ruff of Arizona State University. Dr. Hamilton will aid Dr. Ruff in the interpretation and analysis of geologic data collected by the Mars Exploration Rover "Spirit" on Mars.

2. Drexel University  
"Subaward to the Drexel University NSF Proposal Entitled 'The Pacific Atmospheric Sulfur Experiment'"  
Blomquist, Byron  
Oceanography - SOEST  
Through this subaward, UH (Bryon Blomquist) will prepare, install, and operate 3 mass spectrometer systems on the NCAR C-130 research aircraft during the 2007 PASE field deployment. Following the field phase, the PI will also be responsible for data workup leading to a budget analysis of atmospheric boundary layer sulfur chemistry.

3. Univ of California - San Francisco  
"Macrophage Targeted Therapy for HAD and HIV Disease"  

(data from the Thermal Emission Imaging System instrument onboard NASA's Mars Odyssey spacecraft)
(UH Subcontract for UCSF Project) [RFA-AI-06-009; Novel HIV Therapies: Integrated Preclinical…”

Shikuma, Cecilia M  School of Medicine
The proposal is a subcontract with a Program Project grant application to develop new treatment approaches for dementia associated with human immunodeficiency virus infection.

4. Univ of California- San Diego  $86,508
"Current Measurements on Global Ocean Repeat Hydrography Cruises"
Firing, Eric  JIMAR - SOEST
Ocean currents will be measured on a series of basin-wide cruises designed to monitor long-term changes on ocean properties and transports.

5. Univ of Georgia  $259,609
"Functional Genomics of Maize Centromeres"
Presting, Gernot  Molecular Biosciences &
Chromosome movement during cell division is controlled by the centromere. The proper segregation of chromosomes into the two daughter cells during cell division is required for survival, making the centromere an extremely important chromosomal region. The DNA and protein components of corn centromeres will be studied with the intent of identifying the critical components for making an artificial chromosome.

6. Univ of Mississippi  $98,886
"Operations and Maintenance for IS59"
Garces, Milton  Haw Inst Geophys & Planet
Operation and maintenance of infrasound site 59 in Kailua-Kona.

7. Univ of Mississippi  $59,370
"Technical Support for Infrasound Sites IS39 and IS52"
Garces, Milton  Haw Inst Geophys & Planet
Continuation of operation and maintenance of infrasound array sites IS39 and IS52.

8. Univ of Mississippi  $54,791
"Technical Support for Infrasound Sites IS39 and IS52"
Garces, Milton  Haw Inst Geophys & Planet
Continuation of operation and maintenance of infrasound array sites IS39 and IS52.

9. Univ of Wisconsin- Milwaukee  $139,840
"Ralstonia Solanacearum Race 3 biovar 2: Detection, Exclusion, and Analysis of a Select Agent Pathogen"
Alvarez, Anne M  Plant & Environmental

10. University of Alabama in Huntsville  $170,000
"Incremental Learning Methods for Energy Estimates of Production Facilities and Natural Events"
Wright, Robert  Haw Inst Geophys & Planet
Using infrared satellite data to detect and monitor the heat signatures of gas flares, oil refineries, and natural heat sources (volcanoes, wildfires).

NON-RESEARCH AWARDS
FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric $9,300
   "Ocean Literacy Alliance Workshop-Supplement to NSF GK-12 Grant 0538550"
   Kaneshiro, Kenneth Y Pacific Biosciences
   Coordination and Hosting of an Ocean Literacy Workshop in Hawaii to fulfill request made by Inter Agency Working Group - Ocean Education.

FROM: DOD-Dept of Defense

1. DOD-Naval Research Laboratory $20,252
   "A Scholarly Work to Write a Scientific Test Book Entitled Marine Bioacoustics Signal Processing and Analysis"
   Au, Whitlow Haw Inst Marine Bio-SOEST
   The proposal is to support writing a book entitled Marine Bioacoustics Signal Processing and Analysis.

FROM: Hawaii- Government Agencies

1. County of Maui $250,000
   "Maui Community Care Corps - Developing Long Term care Work Force"
   Sakamoto, Clyde Maui CC
   To support administrative activities to develop and implement Maui Community Care Corps - an initiative of the Maui Long Term Care Partnership - Aging with Aloha that addresses worker shortage in Maui County by increasing the long term care work force; both paid and unpaid.

2. County of Maui $50,000
   "County of Maui-MCC Cooperative Education Internship Partnership Providing Relevant Field Experience for MCC Students"
   Sakamoto, Clyde Maui CC
   Maui Community College students will intern in various County of Maui departments and select not-for-profits through the Cooperative Education Program and will be awarded academic credits and stipends.

3. Hawaii-Dept of Education $33,000
   "An Evaluation of the Kahuku 21st Century Community Learning Centers Project in 2007-08"
   Higa, Terry Ann CRDG
   The evaluation will study the implementation of 21st Century project activities and outcomes. The data will include student attendance demographics, staff questionnaires, teacher questionnaires about student academic behaviors, Language Arts and Mathematics course grades, and school-based pre-post test scores, School
4. **Hawaii-Dept of Education**
   "Native Hawaiian Career Technical Education Program - Poina Nalu"
   Matsui, Sandy
   Honolulu CC
   To increase the enrollment, retention and completion of Native Hawaiians in career technical education programs.

5. **Hawaii-Dept of Education**
   "Volunteer Partners Pilot Program - Year 2"
   Nguyen, Thanh Truc T.
   CRDG
   To conduct a formative evaluation of the "Volunteer and Partners Pilot Program -- Year 2" of the Hawaii State Department of Education. The evaluation will include a development and administering of questionnaires as well as interviews with personnel involved in the pilot program.

6. **Hawaii-Dept of Education**
   "Provision of an Associate in Science Degree Program"
   Pagotto, Louise
   Kapiolani CC
   Kapi'olani Community College will be providing instruction to Educational Assistants employed by the Hawaii Department of Education, who will subsidize students' tuition at the rate of $79/credit.

7. **Hawaii-Dept of Hawaiian Home Lands**
   "Hawaiian Home Land Agriculture Education Program"
   Nishijima, Wayne T
   College of Tropical Ag &
   Provide educational training and technical assistance for DHHL agricultural and pastoral lessees in subsistence or commercial agricultural production.

8. **Hawaii-Dept of Health**
   "Adult Residency Contract, ASO Log No. 06-140"
   Hishinuma, Earl
   Psychiatry- MED
   Provide training and administrative support services to psychiatric residents and fellows at various sites for the Department of Health, Adult Mental Health division as outlined in the scope of services in the contract.

9. **Hawaii-Dept of Health**
   "HIV Prevention Evaluation Services"
   Katz, Alan R
   Public Health Sciences
   Support the development of the evaluation for the HIV prevention services STD/AIDS Branch.

10. **Hawaii-Dept of Health**
    "Sexual Violence Prevention Project"
    Quemuel, Christine
    Stdtnt, Eqty, Excel & Div.
    The UH Manoa Women's Center will pilot the development of a model for permanent campus infrastructure to address sexual violence prevention and victim services at UH Hilo at Kapiolani Community College, followed by implementation at all other UH campuses in the following years.

11. **Hawaii-Dept of Human Services**
    "Adult Protective Services Practicum Contract FY 2007-2008"
<table>
<thead>
<tr>
<th>#</th>
<th>Department</th>
<th>Project Description</th>
<th>Principal Investigator</th>
<th>Department / Program</th>
<th>Amount</th>
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<tr>
<td>12.</td>
<td>Hawaii-Dept of Human Services</td>
<td>&quot;Memorandum of Agreement Relating to Quality Care for Home-Based and Center-Based Child Care Providers&quot;</td>
<td>Yuen, Sylvia H L</td>
<td>Center on the Family</td>
<td>$15,750</td>
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<td>13.</td>
<td>Hawaii-Dept of Land &amp; Natural Resources</td>
<td>&quot;Maintenance of Research and Services by the Hawaii Cooperative Fishery Research Unit&quot;</td>
<td>Birkeland, Charles</td>
<td>Zoology</td>
<td>$20,000</td>
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<td></td>
<td></td>
<td>This request is to cover the increased costs of computers and supplies for our sub-contractor on this project - PATCH - plus 5% for University indirect.</td>
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<td>14.</td>
<td>Hawaii-Dept of Land &amp; Natural Resources</td>
<td>&quot;Volcano Rare Plant Facility&quot;</td>
<td>Kaneshiro, Kenneth Y</td>
<td>Pacific Biosciences</td>
<td>$90,000</td>
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<td></td>
<td></td>
<td>Propagation and maintenance of endangered-Hawaiian plant species at the Volcano Rare Plant Propagation Facility.</td>
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<td>15.</td>
<td>Hawaii-Dept of Transportation</td>
<td>&quot;Court Monitoring Program Renewal&quot;</td>
<td>Dykstra, Douglas</td>
<td>SVP - Academic Affairs</td>
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<td></td>
<td></td>
<td>Court Monitoring Program grant renewal to gather and evaluate data on OVUII/DUI cases in the Third Circuit Courts in Hawaii County to improve the criminal justice system's adjudication of defendants.</td>
<td></td>
<td></td>
<td></td>
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<td>16.</td>
<td>Hawaii-Executive Office on Aging</td>
<td>&quot;$Healthy Aging Project Coordination&quot;</td>
<td>Braun, Kathryn L</td>
<td>School of Social Work</td>
<td>$30,000</td>
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<tr>
<td></td>
<td></td>
<td>To coordinate healthy aging meetings and strategic planning.</td>
<td></td>
<td></td>
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<td>17.</td>
<td>Hawaii-Executive Office on Aging</td>
<td>&quot;Caregiver's Resource Initiative&quot;</td>
<td>Lum, Wesley</td>
<td>School of Medicine</td>
<td>$87,830</td>
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<tr>
<td></td>
<td></td>
<td>To be the Caregiver's Resource Initiative state level project leader.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Conduct an internship program and provide practicum stipends to Native Hawaiian MSW students.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Providing funding to doctoral students for the completion of dissertations that further the University's commitment to Native Hawaiians and Native Hawaiian research.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>20.</td>
<td>Hawaii-Off of Hawaiian Affairs</td>
<td>&quot;$Oiwi Ake Akamai Fellowship&quot;</td>
<td></td>
<td></td>
<td>$22,500</td>
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</tbody>
</table>
Ostrander, Gary K.  
Chancellor - UH Manoa

The 'Oiwi Ake Akamai Fellowship Program will enable the University of Hawaii at Manoa to provide support for doctoral candidates of Native Hawaiian Ancestry. Specifically the program will fund mentor pairs of graduate faculty and Native Hawaiian Students engaged in a specific research project of relevance to the Native Hawaiian community.

21. Hawaii-Off of Hawaiian Affairs  
"Center for Excellence in Native Hawaiian Law Na'au Pono Initiative"
Soifer, Aviam  
School of Law

Improve the quality of life for Native Hawaiians by providing Law students, attorneys and community members the opportunities and tools to learn about and impact Native Hawaiian law and issues.

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

1. Catholic Charities Hawaii  
"Try Wait! Abstinence Program Evaluation - Year 2"
Nagatoshi, Charles  
School of Social Work

To assist in the data collection and analysis of the Try Wait! Abstinence program.

2. HCF-Hawaii Community Foundation - General  
"Substance Abuse Counseling Distance Education Workforce Training to Kauai County"
Dykstra, Douglas  
SVP - Academic Affairs

To provide distance education and workforce training to Kauai County to increase the number of State Certified Substance Abuse Counselors.

FROM: Hawaii - Business and Other

1. Alu Like  
"Native Hawaiian Career and Technical Education Project, PY 2007-2008"
Lee, Mona  
Kapiolani CC

Offer a suite of culturally-based services to students that recruit, enroll, and support academic completion of career and technical education degrees and certificates. Partners with Castle High School's Health Career Academy Project to create a clearly defined pathway from high school to college and to related employment in the career pathway.

2. Alu Like  
"Native Hawaiian Digital Arts Project"
Murakami, Violet  
Hawaii CC

The project proposes to teach digital arts courses to Native Hawaiian students for the recruitment, retention and completion of Native Hawaiian students into the DMA program at Hawaii CC.

3. Alu Like  
"'Oihana, Native Hawaiian Career & Technical Education Project"
Nishiguchi, Earl K  
Kauai CC  
The project will provide students internship opportunities and course work.

4. Alu Like  
"Po'okela Project, Maui Community College"  
Sakamoto, Clyde  
Maui CC  
Project to serve 70 Hawaiian students through cohort and summer bridge programs that focus on personal, educational, career and technical development aimed at improving student recruitment and retention.

5. Alu Like  
"Ho'oulu Project"  
Tagawa, Michael  
Leeward CC  
To improve career and technical education services for Hawaiian natives.

6. Hawaii Public Utilities Commission  
"Assessment of Renewable Portfolio Standard Goals"  
Rocheleau, Richard E  
Haw Nat Energy Inst - SOEST  
As mandated by HRS 269-95, HNEI will conduct independent studies on the capability of Hawaii's electric utility companies to achieve renewable portfolio standards in a cost-effective manner and to project renewable portfolio standards to be set five and ten years beyond the current standards.

FROM: Mainland - Health Organizations

1. Childrens Hospital Los Angeles  
"Kids Seek for Cure for Kids"  
Nerurkar, Vivek R  
Trop Med - Med Micro - MED  
The faculty (mentor) will supervise the students with experimental techniques. The students will be evaluated on the results of the experiment.

FROM: U.S. Universities and Colleges

1. California Inst of Technology  
"Three Year Spitzer Fellowship for Lucas Cieza"  
Liu, Michael  
Institute for Astronomy  
Awarded to Lucas Cieza to conduct independent research with the goal of enhancing the overall return from the Spitzer Space Telescope mission.

2. Univ of California- Los Angeles  
"Pacific Public Health Training Center"  
Yontz, Valarie  
Public Health Sciences  
The grant's goal is to develop and support public health training opportunities that are consistent with the public health workforce development objectives in healthy People 2010.

3. Western Washington University  
"Students in Service (SIS)"

FROM: Mainland - Health Organizations

1. Childrens Hospital Los Angeles  
"Kids Seek for Cure for Kids"  
Nerurkar, Vivek R  
Trop Med - Med Micro - MED  
The faculty (mentor) will supervise the students with experimental techniques. The students will be evaluated on the results of the experiment.
Pascua, Atina T  
SVP - Academic Affairs  
Provide opportunities for students to be involved in community service and service learning.

FROM: All Non-U.S.

1. Ministry of Commerce and Trade  
"PBCP-AAPI Support 2008-Palau"  
Rota, Michael T  
Office, VP Community Coll.  
This award supports the economic development and technical assistance work of the Pacific Business Center Program under the University Center grant from the Economic Development Administration, US Department of Commerce.

FROM: Miscellaneous

1. International Union of Nutritional Sciences  
"Financial Duties for the International Union of Nutritional Sciences (IUNS)"  
Kolonel, Laurence N  
Cancer Research Center  
Send annual dues notices to approximately 80 countries that are Adhering Bodies (Abs) of IUNS; Receive & deposit dues from Abs and send receipts; communicate as needed with Abs regarding overdue dues; disperse funds as directed by Treasurer (Dr. S. Murphy); Maintain accurate financial records for IUNS & provide a final report of expenditures.
### Funds Received from UH Foundation

**NON-RESEARCH AWARDS**

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

<table>
<thead>
<tr>
<th>#</th>
<th>Name of Foundation</th>
<th>Amount</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Univ of Hawaii Foundation</td>
<td>$10,000</td>
<td>&quot;Lyon Arboretum General Operating Account&quot;&lt;br&gt;Dunn, Christopher&lt;br&gt;Lyon Arboretum&lt;br&gt;To support the general operations of the Lyon Arboretum. Services provided include the maintenance of the facilities and grounds by student assistants, printing of newsletters and other publications, purchasing of field and office supplies, and other services that may be required.</td>
</tr>
<tr>
<td>2.</td>
<td>Univ of Hawaii Foundation</td>
<td>$25,000</td>
<td>&quot;Coastal Mapping Project&quot;&lt;br&gt;Fletcher, Charles H&lt;br&gt;Geology &amp; Geophys - SOEST&lt;br&gt;This project will create an accurate detailed and accessible data base of historical shoreline change for the Sandy shoreline of Oahu. The data will enable stakeholders to make informed decisions to minimize hazards and encourage sustainable development of the coastal zone, while maximizing preservation and restoration of beach resources.</td>
</tr>
<tr>
<td>3.</td>
<td>Univ of Hawaii Foundation</td>
<td>$50</td>
<td>&quot;Korean Literature Publication&quot;&lt;br&gt;Kim, Yung Hee&lt;br&gt;East Asian Language &amp; Lit&lt;br&gt;Pay for publication and editorial student salaries.</td>
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<tr>
<td>4.</td>
<td>Univ of Hawaii Foundation</td>
<td>$246,400</td>
<td>&quot;Myron Pinky Thompson Chair&quot;&lt;br&gt;Mau, Marjorie K&lt;br&gt;Native Hawaiian Health- MED&lt;br&gt;To develop a research and training program on health disparities in Native Hawaiian and other underserved populations.</td>
</tr>
<tr>
<td>5.</td>
<td>Univ of Hawaii Foundation</td>
<td>$95,000</td>
<td>&quot;Sustainable Living Institute of Maui (SLIM)&quot;&lt;br&gt;Sakamoto, Clyde&lt;br&gt;Maui CC&lt;br&gt;The work consists of furthering the mission of the Sustainable Living Institute of Maui. This includes program management and administration as well as administrative support. This work is currently undertaken by the Executive Director and a casual hire and may include future additional staff as needed.</td>
</tr>
<tr>
<td>6.</td>
<td>Univ of Hawaii Foundation</td>
<td>$19,950</td>
<td>&quot;Law School Annual Fund&quot;&lt;br&gt;Soifer, Aviam&lt;br&gt;School of Law&lt;br&gt;Process payment for law school UHF account with payroll and tax implications.</td>
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SUMMARY

EXTRAMURAL RESEARCH AWARDS,

DISTRIBUTION BY SPONSORS

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
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<tbody>
<tr>
<td>World Turtle Trust</td>
<td>1</td>
<td>$49,533</td>
<td>0.41</td>
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<td>DA-Dept of Agriculture</td>
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<td>DOE-Dept of Energy</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>Mainland- Other</td>
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## SUMMARY

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

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### YEAR-TO-DATE SUMMARY

**EXTRAMURAL RESEARCH AWARDS, DISTRIBUTION BY SPONSORS**

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<th>PERCENT</th>
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<td>World Turtle Trust</td>
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### Year-to-Date Summary

**Extramural Non-Research Awards, Distribution by Sponsors**

<table>
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<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<td>DA-Dept of Agriculture</td>
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<td>DOD-Dept of Defense</td>
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<td>ED-Dept of Education</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>$9,284,064</td>
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<td>Miscellaneous</td>
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**Total** 391 | **$94,234,962** | **100.00**
Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: DOI-Department of Interior

1. Department of Interior, National Park Service $ 31,372
   "Anchialine Pool Catalog"
   Jim Beets UHH Natural Sciences

2. Department of Interior, National Park Service $ 49,968
   "Targeted Intertidal Resource Species"
   Jim Beets UHH Natural Sciences

3. Department of Interior, National Park Service $ 4,037
   "Baseline Inventory of Coral Health and Reef Composition"
   Jim Beets UHH Natural Sciences

   "UHH Habitat Selection: Hoary Bat"
   Sharon Ziegler-Chong UHH Aquaculture

FROM: Hawaii Government Agencies

1. County of Hawaii $ 5,000
   "Goats: Guava Tree Consumption"
   Julie Luiz UHH Agriculture

FROM: Hawaii Association, Foundation, and Societies

1. UH Foundation $ 31,000
   "UH Hilo CARNRM Post Doc Position"
   William Steiner UHH Agriculture

NON-RESEARCH AWARDS

FROM: Hawaii Government Agencies

1. State Department of Business, Economic Development & Tourism $ 400,000
   "Pacific International Space Center for Exploration Systems (PISCES)"
   Frank Schowengerdt UHH Physics & Astronomy
Awards Received by University of Hawaii at Hilo

2. County of Maui-Office of Economic Development  $ 75,000
   "Hawaii Business Research Library"
   
   Maile Luuwai  UHH -Small Business Development Center

FROM: Hawaii Business & Other

1. Alu Like, Inc.  $ 80,000
   "Ulukau Titles"
   
   Keiki Kawaiiaea  UHH Hawaiian Studies
### UNIVERSITY OF HAWAII AT HILO SUMMARY

#### EXTRAMURAL RESEARCH AWARDS: DECEMBER 2007

#### DISTRIBUTION BY SPONSORS

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
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<tbody>
<tr>
<td>DOI-Department of Interior</td>
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<td>$88,877</td>
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<tr>
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<tr>
<td>Hawaii Associations, Foundations, and Societies</td>
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<td>$31,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>6</strong></td>
<td><strong>$124,877</strong></td>
<td><strong>100%</strong></td>
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</table>
UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS: DECEMBER 2007

DISTRIBUTION BY SPONSORS

<table>
<thead>
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<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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## UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

### EXTRAMURAL RESEARCH AWARDS: JULY 2007 - DECEMBER 2007

#### DISTRIBUTION BY SPONSORS

<table>
<thead>
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<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<tbody>
<tr>
<td>DOA-Department of Agriculture</td>
<td>3</td>
<td>$201,626</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
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<td>DOI-Department of Interior</td>
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<tr>
<td>DOJ-Department of Justice</td>
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<td>NSF-National Science Foundation</td>
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<td><strong>Total</strong></td>
<td><strong>40</strong></td>
<td><strong>$3,274,437</strong></td>
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Attachment A-1a, p.5
## UNIVERSITY OF HAWAII AT Hilo YEAR-TO-DATE SUMMARY

### EXTRAMURAL NON-RESEARCH AWARDS: JULY 2007 - DECEMBER 2007

**DISTRIBUTION BY SPONSORS**

<table>
<thead>
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<th>AGENCY-UNIT</th>
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<th>AMOUNT</th>
<th>PERCENT</th>
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<tr>
<td>DOA-Department of Agriculture</td>
<td>1</td>
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<tr>
<td>ED-Department of Education</td>
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<td>$3,562,578</td>
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<td>DHHS-Dept of Health and Human Services</td>
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<tr>
<td>NSF-National Science Foundation</td>
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<td>Mainland Other</td>
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</table>

**Total**                                          | 24            | $6,418,987 | 100%    |
Gifts, Grants, and Contracts

The following gifts, grants and contracts received by all campuses except the University of Hawai‘i at Hilo during the period February 1, 2008 through February 29, 2008 total $12,740,667. The University of Hawai‘i at Hilo received a total of $801,608 during the same period.

Gifts, Grants and Contracts Received February 1 - 29, 2008

RESEARCH AWARDS

FROM: DOC-Dept of Commerce

1. DOC-Western Pacific Region Fisheries Mgmt Cncl $57,403
   "Reproductive Characteristics of the Hawaiian Black Coral Species Antipathes Dichotoma and Implications for Future Management"
   Toonen, Robert Haw Inst Marine Bio-SOEST
   Determine reproductive biology of precious black corals for effective management in Hawaii.

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research $51,622
   "Physical and Genetic Mechanisms Guiding the Evolution and Development of Dendritic, Flapping Insect-Wings"
   Kobayashi, Marcelo Mechanical Engineering
   The present research would provide a first view into the effects of the large deformations of non-linear, elastic insect-wing on the aeroelastic coupling. The aeroelastic model together with blood transport models would be used to investigate, the genetic and physical mechanisms underlying the evolution and development of the dendritic venation of insect wings.

2. DOD-Dept of Air Force $35,420
   "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.

3. DOD-Dept of Air Force $1,518
   "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.

4. DOD-Dept of Air Force $11,390
   "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.
<table>
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<tr>
<th></th>
<th>DOD-Dept of Air Force</th>
<th>Amount</th>
<th>Description</th>
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<td>5.</td>
<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$2,530</td>
<td>Lassner, David K Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>6.</td>
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<td>Lassner, David K Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>7.</td>
<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
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<td>8.</td>
<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$17,710</td>
<td>Lassner, David K Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>9.</td>
<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>$177</td>
<td>Lassner, David K Info Technology Services Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>10.</td>
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<td></td>
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<td>15.</td>
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<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
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<td>16.</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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<td>17.</td>
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<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
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<td>18.</td>
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<td>19.</td>
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<td>20.</td>
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<td>Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.</td>
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</tbody>
</table>
21. **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.

22. **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.

23. **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.

24. **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.

25. **DOD-Dept of Defense**
   "Managing Partner of Pacific Disaster Center, Optional Funding Period 1"
   Gaines, James R  VP for Research
   This Cooperative Agreement provides for the transfer of Federal funds for the evolution of the Pacific Disaster Center into a public-private partnership benefiting from shared responsibilities and assistance from the Department of Defense and the Managing Partner (Recipient) with its internal management, administration, and development of concepts as

26. **DOD-Dept of Navy**
   "Sea-salt Aerosol in Hawaii and the Influence of Large Organized Structures (LOS) or Rolls on Fluxes and Visibility"
   Clarke, Antony D  Oceanography - SOEST
   Investigate the marine aerosol properties including their evolution in the boundary layer and coastal regions in Hawaii.

27. **DOD-Naval Research Laboratory**
   "Radar Remote Sensing of the Mesoscale Flow through Straits of the Philippines Archipelago"
   Flament, Pierre J  Oceanography - SOEST
   Deployment of high frequency radars to measure surface currents in the coastal zone and straits between Panay and Palawan, Philippines, as part of a large coordinated ONR experiment.
<table>
<thead>
<tr>
<th>No.</th>
<th>Grantor</th>
<th>Amount</th>
<th>Title</th>
<th>Principal Investigator</th>
<th>Co-Investigator</th>
<th>Abstract</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>National Science Foundation</td>
<td>42,123</td>
<td>&quot;Collaborative Research: Towards a Quaternary Spatial and Temporal Deformation History at the Central Andean Thrust Front&quot;</td>
<td>Brooks, Benjamin</td>
<td>Haw Inst Geophys &amp; Planet</td>
<td>Further GPS deformation research in Argentina.</td>
</tr>
<tr>
<td>2.</td>
<td>National Science Foundation</td>
<td>150,007</td>
<td>&quot;A Multidisciplinary Approach to Species Boundaries in Tropical Reef Corals&quot;</td>
<td>Carlon, David</td>
<td>Zoology</td>
<td>An ecological, morphological, and molecular analyses of the processes that determine biological boundaries in stony coral species of the tropical Atlantic. Molecular analyses will be conducted at the UH Manoa campus. Ecological field work will be based at the Smithsonian Tropical Research Institute, Panama. Additional field trips to Costa Rica and Brazil.</td>
</tr>
<tr>
<td>3.</td>
<td>National Science Foundation</td>
<td>145,043</td>
<td>&quot;Collaborative Research: The Internal Tide and Mixing in Monterey and Ascension Canyons&quot;</td>
<td>Carter, Glenn</td>
<td>Oceanography - SOEST</td>
<td>A collaborative proposal between UH and APL/UW to model and conduct intensive observations in Monterey Canyon, CA and nearby Ascension Canyon. The focus is on how internal tides propagate in canyons and are steered and focused by the topography.</td>
</tr>
<tr>
<td>4.</td>
<td>National Science Foundation</td>
<td>354,685</td>
<td>&quot;Serpentinization Effects on Forearc Peridotite: Mineralogic, Textural, and Geophysical Study&quot;</td>
<td>Fryer, Patricia</td>
<td>Haw Inst Geophys &amp; Planet</td>
<td>Provide detailed information on mud volcanoes under the sea.</td>
</tr>
<tr>
<td>5.</td>
<td>National Science Foundation</td>
<td>15,549</td>
<td>&quot;Secondary Hawaiian Hotspot Volcanism: What, When, Where, and Why?&quot;</td>
<td>Garcia, Michael O</td>
<td>Geology &amp; Geophys - SOEST</td>
<td>Determine the volume and ages of subaerial and submarine rejuvenated volcanism on Oahu and Kauai to better constrain the cause(s) of this volcanism.</td>
</tr>
</tbody>
</table>
6. National Science Foundation
"University of Hawaii Partnership with NSF I/U CRC for Telecommunications Systems"
Iskander, Magdy F HCAC (HI Ctr for Advanced University of Hawaii will join the cooperative research center "Connection One" that includes Arizona State University and the University of Arizona. The three universities will work collaboratively on research projects sponsored by industry.

7. National Science Foundation
"CAREER: The Cosmic Metallicity and Star Formation History of Galaxies"
Kewley, Lisa Institute for Astronomy The PI proposes a large research program to gain a simultaneous understanding of the metallicity and star formation history of galaxies between 0<z<3.

8. National Science Foundation
"Collaborative Research: Participation in the GEOTRACES Intercalibration Cruise"
Measures, Christopher Oceanography - SOEST To investigate the credibility of the sub-sampling systems.

9. National Science Foundation
"COLLABORATIVE RESEARCH: Intercalibrating Analytical Methods for Osmium Isotopes and Concentrations in Seawater"
Ravizza, Gregory E Geology & Geophys - SOEST This is a collaborative proposal with Woods Hole Oceanographic Institution and Dartmouth College to participate in the NSF sponsored Geotraces intercalibration programs. The UH contribution to this proposal involves the determination of concentration and isotopic composition of a suite of seawater sample collected explicitly for this effort.

10. National Science Foundation
"Early Detection of Ocean Acidification Effects on Marine Calcification and Deep-Sea Carbonate Dissolution"
Zeebe, Richard E. Oceanography - SOEST Develop a model to forecast changes in alkalinity due to changes in surface calcification and rates of carbon distribution in the deep-sea.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration
"A LASER RIMS Instrument to Date Igneous Rocks using Rb-Sr and Measure Elemental Chemistry"
Anderson, F Scott Haw Inst Geophys & Planet A proposal to build a device to measure the age of a rock.
2. Nat'l Aeronautics & Space Administration
   "Improving the Correlation Between Lunar Prospector Gamma-ray and Neutron Spectrometer Data for Titanium"
   Gillis-Davis, Jeffrey  
   The correlation for titanium between the Lunar Prospector gamma-ray and neutron data sets is not ideal (e.g., relation is not 1:1, does not go through zero, and the correlation coefficient is low). By analyzing the data reduction methods for these data sets, we intend to improve the titanium correlation between these two data sets.

3. Nat'l Aeronautics & Space Administration
   Huss, Gary  
   I will use the University of Hawaii Cameca ims 1280 ion microprobe to study the origin of the solar system through measurements of the isotopic compositions of meteorites and interplanetary dust particles. I will investigate the raw materials, the processes and the timing of events in the early solar system.

4. Nat'l Aeronautics & Space Administration
   "Mineralogy, Petrology, and Isotope Chemistry of the Metal-Rich CH and CB Carbonaceous Chondrites"
   Krot, Alexander N  
   Mineralogical, petrographic, and isotopic studies of chondrules, refractory inclusions, and metal grains from the metal-rich CH and CB carbonaceous chondrites using scanning electron microscopy, electron probe microanalysis, secondary ion mass spectrometry, Raman spectroscopy and other analytical techniques.

5. Nat'l Aeronautics & Space Administration
   "Corundum and Corundum-Hibonite Solar-System Condensates as Probes of Isotopic Evolution of the Inner Solar Nebula"
   Krot, Alexander N  
   Mineralogical and isotopic studies of the very refractory gas-solid condensates of the early Solar System; astrophysical, thermodynamic and experimental modeling of isotopic evolution of the early Solar System.

6. Nat'l Aeronautics & Space Administration
   "The Evolution of the Regulation of Cell-Cell Adhesion in a Basal Metazoan"
   Martindale, Mark Q  
   Studying the early development and gastrulation of ctenophore embryos will provide insight into the evolution and molecular regulation of cell adhesion at the base of the Metazoa.

7. Nat'l Aeronautics & Space Administration
   "The Detailed Thermal Structure of Active Lava Bodies Revealed by the Earth Observing-1 Hyperion"
   Wright, Robert  
   Analysis of hyperspectral satellite data of active lava flows using an experimental NASA satellite; application of the results to lava flow
FROM: Hawaii- Government Agencies
1. Hawaii-Dept of Land & Natural Resources $69,930
   "Restoration Research on Oahu's Lowland Rare Plants"
   Duffy, David Botany
   Work to restore Oahu lowland plants, and to create new populations of
   endangered plant species, especially the endangered Abutilon menziesii
   which was rediscovered n the path of a planned roadway.
2. Hawaii-Dept of Land & Natural Resources $38,000
   "Plant Restoration and Enhancement, Micropropagation/Storage,
   Oahu EPRE 5"
   Sugii, Nellie C Lyon Arboretum
   Continue tissue culture propagation and storage of the critically
   endangered Hawaiian plants.

FROM: Hawaii- Associations, Foundations, Societies, etc.
1. HCF-Hawaii Community Foundation - General Fund $49,090
   "Development and in Vitro Validation of scFv Directed against HIV-1
   Tat - A Novel Neuroprotective Approach for NeuroAIDS"
   Cao, Shengbo Public Health Sciences
   Human immunodeficiency virus-1 (HIV-1) infection mediated release of
   HIV-Tat is known to plays an important role in the development of
   HIV-associated dementia (HAD). This study is aimed to test a novel
   therapeutic approach for HAD related to neutralizing tat-induced
   neurotoxic activity through viral vector-mediated expression of anti-HIV1-Tat
2. Tri-Isle Resource Conservation & Development Council $80,000
   "East Maui Watershed Protection"
   Duffy, David Botany
   Control and reduce invasive species in protected areas in the East Maui
   Watershed and record data to track the effectiveness of control techniques.

FROM: Hawaii- Business and Other
1. East West Center $54,750
   "Pacific Disaster Center Data Enhancement and Outreach Support
   for the Pacific Regional Integrated Data on the Environment (PRIDE)
   Hawaii Resource Info"
   Gaines, James R VP for Research
   Develop web-based application supporting coastal risk management in
   Hawaii and the Asia Pacific Region. The application, based on Pacific
   Disaster Center's Hazards and Vulnerabilities Atlas, will be hosted by the
   National Oceanic & Atmospheric Administration Integrated Data and
   Environmental Applications Center.
2. Hawaii Agriculture Research Center $25,000
   "Field Evaluation of Oil Seed Crops at Benchmark Locations"
   Uehara, Goro Tropical Plant & Soil Science
   The proposed work is to establish field trials of oil bearing trees at 5
   locations on the island of Hawaii.
3. Referentia Systems Inc $107,430
   "Pacific Disaster Center Threat Assessment For Papahanaumokuakea Marine National Monument"
   Gaines, James R VP for Research
   The Pacific Disaster Center will prepare a threat assessment report for the Monument.

FROM: Mainland- Associations, Foundation, Soc, etc.
1. Association of Universities for Rsrch in Astronomy $28,098
   "Ground Layer Turbulence Site Monitoring Campaign on Mauna Kea"
   Chun, Mark Institute for Astronomy
   To extend the site monitoring campaign for six months starting February 2008 through July 2008.

FROM: Mainland- Other
1. Jet Propulsion Lab $51,700
   "Three-dimensional Analysis of Graben-Pit Catena for Mars and Earth"
   Martel, Stephen J Geology & Geophys - SOEST
   The proposed research investigates the structure and mechanics of pit craters and associated faults on Mars and terrestrial analogs on Hawaii.

FROM: U.S. Universities and Colleges
1. Oregon Health Sciences University $8,071
   "Blood Loss at Time of First Trimester Surgical Abortion in Anticoagulated Women"
   Kaneshiro, Bliss Obstetrics - GYN - MED
   The objective of this study is to compare blood loss resulting from surgical termination of pregnancy up to 12 weeks gestation between women who are anticoagulated to therapeutic levels (INR = 2.0 to 3.0 or heparin level 0.7 to 1.1) and those who are not anticoagulated.

2. Univ of New Mexico $48,833
   "Direct and In Situ Determination of Immobilized Activity and Loading"
   Cooney, Michael J Haw Nat Energy Inst -SOEST
   In this work it is proposed to use 1) quantitative fluorescence and 2) imaging ellipsometry coupled to quartz crystal microbalance to quantify immobilized enzyme and loading.

3. Univ of Southern California $203,667
   "Characterizing Genetic Susceptibility to Breast and Prostate Cancer; the BPC3"
   Le Marchand, Loic Cancer Research Center
   The major goal of this project, which is part of the "Cohort Consortium," is to allow for large-scale analyses of breast and prostate cancer risk in relation to genetic polymorphisms and gene-environment interactions that affect hormone metabolism.
FROM: All Non-U.S.

1. Subaru Telescope
   $26,665
   "Design of the Interface Module between HiCIAO and AO188"
   Hodapp, Klaus W
   Institute for Astronomy
   Design an interface module between a high contrast imager and the
   adaptive optics system for the Subaru Telescope.

2. Trojan Technologies, Inc
   $78,958
   "Ultraviolet Radiation Technology Investigation"
   Moreland, Victor
   Water Resource Research
   Provide assistance in testing protocols for various ultraviolet system
   components and full-scale systems testing and provide training materials
   to improve water and wastewater treatment knowledge to company
   personnel focusing on up-stream treatment processes that influence

NON-RESEARCH AWARDS

FROM: Dept of Education

1. DOI-Fish & Wildlife
   $17,955
   "Consultant Services for the US Fish and Wildlife Service"
   Hamnett, Michael P
   Social Science Rsrch Inst
   Provide scientific consulting services to the US Fish and Wildlife Service,
   including: complete final draft and Habitat Equivalency Analysis inputs for
   the primary restoration proposal for the M/V Cape Flattery grounding site,
   provide technical review or all restoration proposals, design pilot projects for
   compensatory restoration projects.

FROM: DOC-Dept of Commerce

1. DOC-Minority Business Development Agency
   $61,250
   "Honolulu Minority Business Enterprise Center 1st Quarter 2008"
   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 Administration
   $961
   "2007 Whale Sanctuary Interns"
   Maynard, Sherwood D
   Marine Option Program - CNS
   MOP will recruit and employ an office assistant(s) and will engage and
   monitor student interns who will assist the Hawaiian Islands Humpback
   Whale National Marine Sanctuary conduct their education and outreach
FROM: National Science Foundation

1. **National Science Foundation**
   - **“Solar and Space Science Development at the Institute for Astronomy”**
     - Kuhn, Jeffrey R, Institute for Astronomy
     - We are requesting funds to rebuild the solar and space physics program at the Institute for Astronomy. The tenure track faculty member that will be recruited using these funds will teach, conduct research, mentor graduate students, and visit and speak at undergraduate universities to encourage students to pursue graduate studies.

2. **National Science Foundation**
   - **“The Ho'okahua Project”**
     - Nakama, Debra, Maui CC
     - The Ho'okahua Project aims to strengthen science, technology, and math curriculum, courses and programs to promote the enrollment, retention and completion of Hawaiian students in these areas.

FROM: Hawaii- Government Agencies

1. **DLNR-Division of Forestry & Wildlife**
   - **“Leeward Haleakala Watershed Restoration Partnership”**
     - Duffy, David, Botany
     - Continue forest restoration on Leeward Haleakala for the protection of East Maui's watershed.

2. **DOH-Adult Mental Health**
   - **“Hawaii Mental Health Transformation State Incentive Grant”**
     - Wylie, Alexander M, College of Social Sciences
     - The purpose of this grant is to do a transformation of the current mental health delivery system in the state. It is to look at the system as a whole and modify laws, norms and values, reassessed, and systems of service delivery and finance, changed.

3. **Hawaii-Dept of Health**
   - **“Hawaii School Health Surveys”**
     - Saka, Susan, CRDG
     - In cooperation with the Hawaii School Health Surveys Committee composed of representatives from the Departments of Education and Health and University of Hawaii, coordinate the administration of the health surveys, administer the 2007 Youth Risk Behavior Surveys (YRBS) and Youth Tobacco Surveys, and prepare reports of the YRBS results.

4. **Hawaii-Dept of Human Services**
   - **“Memorandum of Agreement Relating to Quality Care for Home-Based and Center-Based Child Care Providers”**
     - Yuen, Sylvia H L, Center on the Family
     - This request is to cover the personnel costs of increasing the scope of services to do the preliminary work for developing the protocol to assess quality in infant and toddler programs.
5. Hawaii-Dept of Land & Natural Resources $188,856
   "State West Maui Mountains Watershed Partnership"
   Duffy, David Botany
   Support West Maui Mountains Watershed Partnership's effort to protect
   the watershed from invasive species.

6. Hawaii-Off of Hawaiian Affairs $24,958
   "Improving Educational Access for Ni‘ihau Residents"
   Cha, Peggy Kauai CC
   The proposal requests tuition, fees and supplied support for Ni‘ihau
   residents pursuing higher education opportunities at Kauai Community
   College, in particular Ni‘ihau residents seeking NCLB acceptable
   certification as educational aides and teachers.

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

1. HI Hotel & Res Ind Empl & Trng Trst (HARIETT) $109,073
   "Hotel and Restaurant Industry Training"
   Hoshiko, Carol A Kapiolani CC
   The HARIETT program is tasked to coordinate with DLIR Apprenticeship
   Division to ensure proper registration and standards are met. The program
   provides pre-apprenticeship, post-apprenticeship and related instructions.
   The two main responsibilities of the office is to monitor Daily Progress
   Reports and provide the proper developmental on-the-job training hours and

2. Partners in Development $24,000
   "Agreement between Partners in Development Foundation and the
   University of Hawaii"
   Miller, Judith Nursing
   The grant will provide a health promotion and health education parenting
   curriculum. It will consist of 15 individual modules and will be taught by the
   contract's principal investigator. A pre and post curriculum questionnaire
   will be obtained from the participants.

3. Tri-Isle Resource Conservation & Development Council $35,000
   "Support for the Maui County Invasive Species Committee Project:
   FY 08"
   Duffy, David Botany
   Support miconia control work by the Maui Invasive Species Committee.

FROM: Hawaii- Business and Other

1. Alu Like $108,046
   "The Po‘okela Project - Molokai-Maui Community College"
   Sakamoto, Clyde Maui CC
   The Pookela Project Molokai intends to serve 60 native Hawaiian students
   on Molokai in FY2007-2009. Students will be assisted through a culturally
   based recruitment and retention model that provides academic and
   vocational activities to prepare students for today's high skills, high wage,
   and high demand occupations locally and globally.
2. Hawaii Council for the Humanities  
"History Commemorative Project"  
Horton, James  
American Studies  
We will be sponsoring a series of public lectures and Teachers' Seminars in recognition of the bicentennial of the ending of the US Atlantic slave
3. Research Corp, University of Hawaii  
"REAL: Hawaii Youth Movement Exposing the Tobacco Industry"  
Albright, Cheryl  
Cancer Research Center  
To raise awareness and educate Hawaii's youth about the manipulative targeting strategies used by the tobacco industry and to offer opportunities to take action.

FROM: Hawaii- Health Organizations
1. Rehabilitation Hospital of the Pacific  
"Salary, Fringe Benefit & Malpractice Insurance Reimbursement Agreement - FY08, Agreement No. SF08-REHAB-MED"  
Tam, Elizabeth K  
Medicine-MED  
Salary, Fringe Benefit & Malpractice reimbursement agreement to provide physician and physician related services for FY2008.
2. Waianae Coast Comprehensive Health Center  
"Jobs to Careers: Promoting Work-Based Learning for Quality Care"  
Tagawa, Michael  
Leeward CC  
Establish a work-based learning program mode, Credit Preceptor Model (CPM) for frontline health care workers.
3. Waianae Coast Comprehensive Health Center  
"Native Hawaiian Training - Nursing and Health Administration"  
Tagawa, Michael  
Kapiolani CC  
Provide nursing and health administration training to Native Hawaiians incorporating Native Hawaiian learning styles.
4. Waianae Coast Comprehensive Health Center  
"Native Hawaiian Training - Medical Receptionist"  
Tagawa, Michael  
Leeward CC  
Provide medical receptionist and pre-health (math and English) courses to Native Hawaiian incorporating Native Hawaiian learning styles.

FROM: Mainland- Associations, Foundation, Soc, etc.
1. Christopher Reeve Paralysis Foundation  
"Dressing Paralyzed Patients: Brochures and Video Training for Caregivers (Chinese and Japanese)"  
Lin, Shu  
Family and Consumer Sciences  
This project will produce two videotaped guides for dressing and undressing paralyzed patients; one in Japanese and one in Mandarin Chinese. Also, these detailed yet accessible and easily understandable instructional booklets will be produced in each language (English, Chinese, and Japanese) to assist those caregivers who do not have access to
FROM: Mainland- Business

1. Anheuser-Busch Inc. $60,000
   "Expanding the Manoa Alcohol Project"
   Stockert, Nancy Office of Student Affairs
   The project will continue and expand the present Manoa Alcohol Project, to provide alcohol prevention programming for undergraduates at UH - Manoa, primarily using a social norms approach.

2. Aura, Inc $30,000
   "Purchase Order 27593AN NICI Backup Deformable Mirror and Blank"
   Ftaclas, Christ Institute for Astronomy
   Manufacture 2 mirrors for Association of Universities for Research in Astronomy, Inc.

FROM: U.S. Universities and Colleges

1. Mississippi State University $31,625
   "University of Hawaii Participation in MOS University Consortium PET Project"
   Lassner, David K Info Technology Services
   The University of Hawaii will support the MOS University Team with the Training Coordination of the DoD PET Program. It will also respond to requests for technical training support as requested.

FROM: All Non-U.S.

1. Commonwealth of Northern Mariana Islands $25,000
   "Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract From CNMI DPH)"
   Buenconsejo-Lum, Lee 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.
Funds Received from UH Foundation

RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $11,000
   "Collaborative Software Development Laboratory Fund"
   Johnson, Philip M Info & Computer Science
   Perform research and development on inference of test driven development.

2. Univ of Hawaii Foundation $2,500
   "A Descriptive and Comparative Grammar of Western Old Japanese"
   Vovin, Alexander East Asian Language & Lit
   Pay for the salary and fringe benefits of an assistant to help with the research during the project.

NON-RESEARCH AWARDS

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

1. Univ of Hawaii Foundation $15,000
   "Lyon Arboretum Internship Program"
   Dunn, Christopher Lyon Arboretum
   To support the Lyon Arboretum Internship Program.

2. Univ of Hawaii Foundation $20,000
   "International Auto/Biography Association 2008 Conference"
   Howes, Craig College of Lang, Ling, & Lit

3. Univ of Hawaii Foundation $20,913
   "UHF Prenatal Oral Health Project"
   Johnson, Nancy K Maui CC
   This project will involve working with the Community Clinic of Maui to identify pregnant women in need of dental cleanings. We will be performing an initial exam and a dental cleaning for each of these woman. The funding for this project is from a donation to the Maui Oral Care Patient Aid Fund.

4. Univ of Hawaii Foundation $20,000
   "Basic Institutional Needs"
   Sohn, Ho-Min Korean Studies- SHAPS
   Pay for student salaries.
5. Univ of Hawaii Foundation $79,110
   "Kudo Chair of Law"
   Soifer, Aviam School of Law
   Faculty Salary and Fringe Benefits - Kudo Chair of Law.

6. Univ of Hawaii Foundation $3,500
   "Manoa Journal"
   Stewart, R Frank English
   Funds for staff wages.

7. Univ of Hawaii Foundation $40,250
   "East Asian Buddhism Professorship"
   Tiles, Mary E Philosophy
   To pay for salary and fringe of the East Asian Buddhism Professorship for
   the College of Arts & Humanities.
### SUMMARY

**EXTRAMURAL RESEARCH AWARDS, DISTRIBUTION BY SPONSORS**

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## SUMMARY

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<td>Mainland- Other</td>
<td>32</td>
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<td>U.S. Universities and Colleges</td>
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<td>All Non-U.S.</td>
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<td>Miscellaneous</td>
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<td></td>
<td>713</td>
<td>$132,815,805</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>
</tr>
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<tbody>
<tr>
<td>DA-Dept of Agriculture</td>
<td>11</td>
<td>$2,799,559</td>
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<tr>
<td>Dept of Education</td>
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<tr>
<td>DHHS-Dept of Health &amp; Human Services</td>
<td>30</td>
<td>$16,100,449</td>
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<tr>
<td>DOC-Dept of Commerce</td>
<td>16</td>
<td>$1,614,749</td>
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<tr>
<td>DOD-Dept of Defense</td>
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<td>$2,262,966</td>
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<tr>
<td>ED-Dept of Education</td>
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<td>$17,178,925</td>
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<td>HUD-Dept of Housing &amp; Urban Development</td>
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<tr>
<td>Independent Federal Agencies- Minor</td>
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<td>Hawaii- Government Agencies</td>
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<td>$27,629,344</td>
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<td>Hawaii- Associations, Foundations, Societies, etc.</td>
<td>71</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>$9,661,629</td>
<td>9.90</td>
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<td>mainland- Associations, Foundation, Soc, etc.</td>
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<td>$920,739</td>
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<td>mainland- Business</td>
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<td>0.33</td>
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<tr>
<td>mainland- Health Organizations</td>
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<td>0.02</td>
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<td>mainland- Other</td>
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<td>$253,271</td>
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<td>U.S. Universities and Colleges</td>
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<tr>
<td>All Non-U.S.</td>
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<td><strong>$97,580,432</strong></td>
<td><strong>100.00</strong></td>
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</table>
Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: Department of Health and Human Services

1. DHHS, National Institute of Health
   "Genome Project, 2008" $ 69,200
   Ronald Amundson UHH Philosophy

FROM: Department of Interior

1. Department of Interior, National Park Service
   "Insectivorous Bat Monitoring Protocols" $ 28,318
   Patrick Hart UHH Biology

2. Department of Interior, U.S. Geological Survey
   "Tropical Montane Cloud Forests" $ 3,500
   Sharon Ziegler-Chong UHH Aquaculture

3. Department of Interior, U.S. Fish & Wildlife Service
   "Hawaiian Forest Bird Research, FY 2008" $ 20,000
   Sharon Ziegler-Chong UHH Aquaculture

FROM: Department of Agriculture

1. Department of Agriculture
   "Development of Post Harvest Technology FY 2008" $ 59,380
   William Sakai UHH Agriculture

2. Department of Agriculture
   "Risk Assessment - GMO Plants" $ 77,151
   William Sakai UHH Agriculture

3. Department of Agriculture
   "Develop GMO Resistant to Viruses" $ 42,305
   Michael Shintaku UHH Agriculture

4. Department of Agriculture
   "Support of Agricultural Research, FY 08-4" $ 5,400
   Norm Stahl UHH Student Affairs
<table>
<thead>
<tr>
<th>#</th>
<th>Source of Funding</th>
<th>Amount</th>
<th>Project Description</th>
<th>Contact Person(s)</th>
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<tbody>
<tr>
<td>5</td>
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<td>$ 1,500</td>
<td>&quot;Support of Agricultural Research, FY 08&quot;</td>
<td>Norm Stahl UHH Student Affairs</td>
</tr>
<tr>
<td>6</td>
<td>Department of Agriculture</td>
<td>$ 6,513</td>
<td>&quot;Support of Agricultural Research, FY 08-2&quot;</td>
<td>Norm Stahl UHH Student Affairs</td>
</tr>
<tr>
<td></td>
<td>FROM: Hawaii Government Agencies</td>
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<td></td>
</tr>
<tr>
<td>1</td>
<td>State of Hawaii</td>
<td>$ 5,000</td>
<td>&quot;Hawaiian Forest Bird Research, FY 2008&quot; State Support</td>
<td>Sharon Ziegler-Chong UHH Aquaculture</td>
</tr>
<tr>
<td></td>
<td>FROM: US Colleges &amp; Universities</td>
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<tr>
<td>1</td>
<td>University of New Orleans</td>
<td>$ 52,142</td>
<td>&quot;Analysis of Spotted Seatrout - Louisiana Bay Systems&quot;</td>
<td>Jason Turner UHH Marine Science</td>
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<tr>
<td></td>
<td>NON-RESEARCH AWARDS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>National Science Foundation</td>
<td>$ 344,550</td>
<td>&quot;LSAMP: Islands of Opportunity&quot;</td>
<td>Rose Tseng UHH Chancellor's office</td>
</tr>
<tr>
<td></td>
<td>FROM: Hawaii Government Agencies</td>
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<td></td>
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</tr>
<tr>
<td>1</td>
<td>State of Hawaii</td>
<td>$ 15,315</td>
<td>&quot;Clinical Supervision FY 2008&quot;</td>
<td>Corinne Tamashiro UHH Continuing Education</td>
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<tr>
<td>2</td>
<td>County of Hawaii</td>
<td>$ 12,000</td>
<td>&quot;Imiloa Web Marketing&quot;</td>
<td>Rose Tseng UHH Chancellor's Office</td>
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<tr>
<td>3</td>
<td>State of Hawaii, Office of Hawaiian Affairs</td>
<td>$ 66,334</td>
<td>&quot;Imiloa Pocket Theater&quot;</td>
<td>Rose Tseng UHH Chancellor's Office</td>
</tr>
</tbody>
</table>
4. County of Hawaii
"Imiloa Enrichment Programming - Merrie Monarch Festival"

Rose Tseng
UHH Chancellor's Office

$ 5,000
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>
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<td>1</td>
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<tr>
<td>DOI - Department of Interior</td>
<td>3</td>
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<tr>
<td>USDA - Dept of Agriculture</td>
<td>6</td>
<td>$192,249</td>
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<tr>
<td>Hawaii Government Agencies</td>
<td>1</td>
<td>$5,000</td>
<td>1.3%</td>
</tr>
<tr>
<td>US Colleges &amp; Universities</td>
<td>1</td>
<td>$52,412</td>
<td>14.1%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>$370,679</strong></td>
<td><strong>100.0%</strong></td>
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</table>
UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS: FEBRUARY 2008

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>National Science Foundation</td>
<td>1</td>
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<td>77.7%</td>
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<tr>
<td>Hawaii Government Agencies</td>
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<td>Total</td>
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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL RESEARCH AWARDS: JULY 2007 - FEBRUARY 2008

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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<tr>
<td>DOA-Department of Agriculture</td>
<td>9</td>
<td>$393,875</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
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<tr>
<td>DOI-Department of Interior</td>
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<tr>
<td>DOJ-Department of Justice</td>
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<td>$23,406</td>
<td>1%</td>
</tr>
<tr>
<td>NSF-National Science Foundation</td>
<td>2</td>
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<tr>
<td>NON-US Entities</td>
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<td>1%</td>
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<tr>
<td>Hawaii Government Agencies</td>
<td>5</td>
<td>$53,679</td>
<td>1%</td>
</tr>
<tr>
<td>Hawaii Business and Other</td>
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<td>$105,123</td>
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<tr>
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<td>$31,000</td>
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<td>US Colleges &amp; Universities</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>55</strong></td>
<td><strong>$3,921,850</strong></td>
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</table>
UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS: JULY 2007 - FEBRUARY 2008

DISTRIBUTION BY SPONSORS

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<thead>
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<th>AGENCY-UNIT</th>
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<th>AMOUNT</th>
<th>PERCENT</th>
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<td>DOA-Department of Agriculture</td>
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<tr>
<td>ED-Department of Education</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
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<tr>
<td>Dept of State</td>
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<tr>
<td>NSF-National Science Foundation</td>
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<tr>
<td>Mainland Other</td>
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<td>$ 6,720</td>
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<td>Mainland Associations, Foundations &amp; Societies</td>
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<td>$ 150,000</td>
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<tr>
<td>US Colleges and Universities</td>
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<tr>
<td>Other Colleges and Universities</td>
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<td>Hawaii Business &amp; Other</td>
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<td>2</td>
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<td>1.7%</td>
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<tr>
<td>Total</td>
<td>35</td>
<td>$ 7,367,661</td>
<td>100%</td>
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</tbody>
</table>
**Gifts, Grants, and Contracts**

The following gifts, grants and contracts received by all campuses except the University of Hawai‘i at Hilo during the period March 1, 2008 through March 31, 2008 total $33,364,105. The University of Hawai‘i at Hilo received a total of $530,074 during the same period.

**Gifts, Grants and Contracts Received March 1 - 31, 2008**

**RESEARCH AWARDS**

<table>
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<tr>
<th>FROM: DA-Dept of Agriculture</th>
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<tr>
<td>1. DA-Dept of Agriculture</td>
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<tr>
<td>&quot;Funding for Mutual Interest&quot;</td>
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<tr>
<td>Grace, J Kenneth</td>
<td>Plant &amp; Environmental Protection</td>
<td></td>
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<tr>
<td>Continuation of student assistant(s) at Manoa ARS facility for on-going research and grant studies.</td>
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<table>
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<tr>
<th>FROM: Dept of Education</th>
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<tr>
<td>1. DOI-Geological Survey</td>
<td>$92,335</td>
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<tr>
<td>&quot;Water Resources Research Institute Annual Base Program 2008&quot;</td>
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<tr>
<td>Moncur, James E T</td>
<td>Water Resource Research</td>
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<tr>
<td>Summary of 6 USGS WRRIP 2008 Proposals.</td>
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<table>
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<th>FROM: DHHS-Dept of Health &amp; Human Services</th>
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<tbody>
<tr>
<td>1. National Institutes of Health</td>
<td>$330,868</td>
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<tr>
<td>&quot;Effects of Soy on Estrogens in Breast Fluid and Urine&quot;</td>
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<td></td>
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<tr>
<td>Maskarinec, Gertraud</td>
<td>Cancer Research Center</td>
<td></td>
</tr>
<tr>
<td>Examine two alternate hormonal mechanisms of action for soy: modification of estrogen levels and epithelial cells directly in the breast and modulation of urinary estrogen metabolite patterns.</td>
<td></td>
<td></td>
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<tr>
<td>2. National Institutes of Health</td>
<td>$233,887</td>
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<tr>
<td>&quot;HIV-1 Proviral DNA and Monocyte Phenotype in Relation to Neurocognitive Function&quot;</td>
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<td></td>
</tr>
<tr>
<td>Shiramizu, Bruce</td>
<td>Pediatrics- MED</td>
<td></td>
</tr>
<tr>
<td>The objective is to understand mechanisms how HIV affects monocytes and causes dementia in HIV-1-infected individuals.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. National Institutes of Health</td>
<td>$57,828</td>
<td></td>
</tr>
<tr>
<td>&quot;GRS Supplement to University HI Research Scientist Award in Molecular Cardiology&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shohet, Ralph</td>
<td>Medicine- MED</td>
<td></td>
</tr>
<tr>
<td>The goal of this project is to support a minority graduate student in pursuing biomedical scientific inquiry.</td>
<td></td>
<td></td>
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</table>
4. National Institutes of Health  
"Cyclopentannelation in Total Synthesis"  
Tius, Marcus A  
Chemistry  
The development of methodology for organic synthesis and its application to natural products total synthesis.

5. National Institutes of Health  
"Minimum Y gene complement necessary for successful ART"  
Ward, Monika  
Anatomy- MED  
The primary goal of this application is to use intracytoplasmic sperm (ICSI) and other assisted reproduction techniques (ART) to define the minimum Y gene requirement during spermatogenesis that is compatible with the generation of ART-competent sperm.

6. NIH-Nat'l Cancer Institute (NCI)  
"Role of Cell Mediators in Asbestos - SV40 Carcinogenesis"  
Carbone, Michele  
Cancer Research Center  
This proposal will be studying the hypothesis that asbestos and SV40 are co-carcinogens in causing malignant mesothelioma.

7. NIH-Nat'l Cancer Institute (NCI)  
"Multiethnic Cohort Study of Diet and Cancer"  
Kolonel, Laurence N  
Cancer Research Center  
This project entails follow-up on a large group of subjects (215,000) in Hawaii and California, on whom lifestyle and dietary information was obtained from 1993-2008. By determining which subjects developed cancer, we will be able to identify factors leading to increased cancer risk.

8. NIH-Nat'l Cancer Institute (NCI)  
"Regulation of Cx43 by Src and Novel Interacting Proteins"  
Lau, Alan F  
Cancer Research Center  
Specific Aim 1 will investigate the involvement of the P-Y427 site and other domains of Cx43 in the Src-induced disruption of Cx43 gap junction channels. Specific Aims 2 and 3 will investigate the Cx43-CIP75 and Cx43-CIP85 interactions and the role they play in the proteasomal degradation of Cx43 in mammalian cells.

9. NIH-Nat'l Heart, Lung & Blood Institute  
"University of Hawaii Research Scientist Award in Molecular Cardiology"  
Shohet, Ralph  
Medicine- MED  
Phase II (years 3-7) will establish a research and education program with the recruited scientist as principal investigator.

10. NIH-Nat'l Inst of Environmental Health Sciences  
"Pacific Research Center for Marine Biomedicine"  
Laws, Edward A  
Oceanography - SOEST  
The Center conducts hypothesis-driven, interdisciplinary research on harmful algal blooms (HABs), water- and vector-borne diseases, and marine derived pharmaceuticals and probes, in the thematic context of tropical coastal waters and small islands.
11. NIH-Natl Inst of General Medical Sciences
   "Dynamin: Ligand Interactions and Conformational Dynamics"
   Jameson, David M   Cell & Molecular Biology- MED
   An important process in all living cells is called endocytosis which refers to
   the way in which cells can take in vital biomolecules. The protein dynamin is
   critical for this process. The overall goal of the proposed research is to
   investigate specific protein-protein and protein-lipid interactions of dynamin
   which are implicated in endocytosis.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric Administration
   "Sea Grant College Program Institutional Program"
   Grau, E Gordon   Sea Grant - SOEST
   To promote an innovative and effectively managed program of research,
   education, and outreach directed to the improved understanding,
   management, and wise use of marine resources of the state, region, and
   nation.

2. DOC-National Oceanic & Atmospheric Administration
   "CRES (2007): Investigating Deep (50-100m) Coral Reefs in Hawaii"
   Popp, Brian N   Geology & Geophys - SOEST
   We will study the food habits and ecology of fish associated with deep reefs
   in Hawaii.

3. NOAA-National Ocean Service (NOS)
   "Cooperative Agreement for Integrated Coral Ecosystem Mapping
   and Monitoring of U.S. Pacific Reefs"
   Jokiel, Paul L   Haw Inst Marine Bio-SOEST
   This project represents a collaborative effort to map, describe and evaluate
   coral reefs throughout Hawaii and the Pacific.

FROM: DOD-Dept of Defense

1. DOD-Air Force Office of Scientific Research
   "Physical and Genetic Mechanisms Guiding the Evolution and
   Development of Dendritic, Flapping Insect-Wings"
   Kobayashi, Marcelo   Mechanical Engineering
   The primary goal of this endeavor is to conduct a comparative study of the
   morphology of insect wing veins to identify morphological features that have
   been the target of natural selection for wing robustness and flight
   performance.

2. DOD-Dept of Air Force
   "AEOS Faint-Object Adaptive Corrector (AFOAC)"
   Chun, Mark   Institute for Astronomy
   This proposal is to supply a complete natural guide star adaptive optics
   system based on curvature wavefront sensing for the Air Force Maui Optical
   and Supercomputing Site's telescope is revised to include an initial phase to
   obtain on-sky measurements using the existing IFA adaptive optics system
   (Hokupaa-85).
<table>
<thead>
<tr>
<th>#</th>
<th>Department</th>
<th>Award Amount</th>
<th>Project Description</th>
<th>Principal Investigator</th>
<th>Lead Agency</th>
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<tbody>
<tr>
<td>3</td>
<td>DOD-Dept of Air Force</td>
<td>$8,355</td>
<td>&quot;Operations and Management of the Maui Supercomputing Center&quot;</td>
<td>Lassner, David K</td>
<td>Info Technology Services</td>
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<td>Lassner, David K</td>
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11. DOD-Dept of Air Force  
   "$1,965,627  
   "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.

12. DOD-Dept of Air Force  
   "$41,775  
   "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.

13. DOD-Dept of Navy  
   "$147,432  
   "Response of Marine Vehicles Advancing in a Seaway and in the Surf Zone"  
   Cheung, Kwok F  Ocean & Resources Engineering -  
   Develop a hydroelasticity model for marine vehicles advancing in a seaway and a CFD toolbox to model dynamic response of marine vehicles in the surf zone.

14. DOD-Dept of Navy  
   "$98,881  
   "Tropical Cyclone Genesis and Sudden Changes of Trade and Intensity in the Western Pacific"  
   Wang, Bin  Meteorology - SOEST  
   This proposal addresses a number of important issues relating to sudden changes in the track, storm scale structure, and intensity of the tropical cyclones in the western Pacific.

15. DOD-Naval Research Laboratory  
   "$41,953  
   "Developing cDNA Libraries of Receptors Involved in the Recruitment of the Biofouling Tubeworm Hydroides elegans"  
   Hadfield, Michael G  Pacific Biosciences Research  
   This project will develop cDNA libraries for analysis of receptors involved in the recruitment of the biofouling tubeworm Hydroides elegans. We plan to make at least two developmental stage-specific cDNA libraries.

16. DOD-Naval Research Laboratory  
   "$250,000  
   "Ion Tiger UAV"  
   Rocheleau, Richard E  Haw Nat Energy Inst -SOEST  
   Conduct research for the improvements of power sources for small military systems via material and systems development.

17. DOD-Naval Research Laboratory  
   "$244,589  
   "Development of a Combined Raman and LIBS System for Stand-off Detection of Explosive Residues"  
   Sharma, Shiv K  Haw Inst Geophys & Planet  
   The purpose of this proposal is to develop a combined Raman and LIBS system for a stand-off detection of explosives and residues.
FROM: DOE-Dept of Energy
1. DOE-Dept of Energy
   "Hydrogen Fuel Contaminant Studies for PEM Fuel Cells"
   Rocheleau, Richard E       Haw Nat Energy Inst -SOEST
   Testing and analysis to characterize the effect of low level contaminants on PEM fuel cells.

FROM: National Science Foundation
1. National Science Foundation
   "CAREER: Fully Elastic, Compression Carbon Nanotubes with Controlled Strength, Flexibility, and Resilience"
   Cao, Anyuan               Mechanical Engineering
   Fabrication and large-scale assembly of buckled carbon nanotubes working as compression springs. Investigation of buckling behavior of nanotubes under compression, and controlling mechanical properties such as strength, flexibility, and resilience. Probing applications such as energy absorption layers.

2. National Science Foundation
   "Towards Better InSAR Event Detection: Modeling Atmospheric Artifacts"
   Foster, James             Haw Inst Geophys & Planet
   High resolution weather atmospheric model.

3. National Science Foundation
   "Collaborative Research: Testing a New Empirical Law Relating the Efficiency of Thermoremanent Magnetization (TRM) and Saturation Magnetization (Ms)"
   Fuller, Michael D         Haw Inst Geophys & Planet
   Understanding of thermo-remanent magnetization (TRM).

4. National Science Foundation
   "Collaborative Research: Hawaiian Plume Heterogeneity Revealed by Kilauea's Ongoing Eruption, Prehistoric Lavas and Olivine-hosted Melt Inclusions"
   Garcia, Michael O         Geology & Geophys - SOEST
   To analyze historical lavas from Kilauea volcano to evaluate the heterogeneity and melting processes in the Hawaiian plume.

5. National Science Foundation
   "Collaborative Research: Biological and Physical Controls on DMS Production and Emission During VOCALS"
   Huebert, Barry J          Oceanography - SOEST
   Some dimethylsulfide gas (DMS) from algae escapes from the ocean to the atmosphere. It affects how much incoming sunlight in scattered back to space by low clouds, potentially stabilizing climate. We will quantify the effects of light on biological DMS formation and of winds on moving DMS to the atmosphere.
6. National Science Foundation
   "Collaborative Research: Processes, Feedbacks and Air-Sea Carbon Dioxide Exchange in the Land-Coastal Ocean System"
   Mackenzie, Fred T
   Oceanography - SOEST
   To study the global changes from the air-sea carbon dioxide exchange in the land-coastal system.

7. National Science Foundation
   "Collaborative Research: Knowledge, Attitudes and Behavioral Intentions of Essential Personnel with Respect to Avian Influenza and SARS"
   Qureshi, Kristine
   School of Nursing & Dental
   Develop, administer and analyze a survey to access knowledge, beliefs, attitudes and intentions of health care responders for SARS or Avian Influenza.

8. National Science Foundation
   "Dynamics and Moist Thermodynamics of Boreal Summer Intraseasonal Oscillation"
   Wang, Bin
   Meteorology - SOEST
   This work investigate physical processes governing boreal summer intraseasonal variation of the tropical atmosphere.

9. National Science Foundation
   "Study of Processes Leading to Tropical Cyclone Structure and Intensity Changes"
   Wang, Yuqing
   Meteorology - SOEST
   Comprehensive study on processes that can lead to considerate tropical cyclone structure and intensity changes with idealized numerical experiments and diagnostic analysis.

10. National Science Foundation
    "REU Site: Astronomy in Hawaii"
    Williams, Jonathan P
    Institute for Astronomy
    The REU Site program at the UH Institute for Astronomy provides astronomy research experiences to undergraduate students from across the United States during a 10 week summer program. Students will conduct an individual research project while being mentored by IFA faculty, observe on one of the telescopes at Mauna Kea, and present at a national conference.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration
   "Single and Multi-layered Ejecta Craters: Characterization of Morphology and Assessment of Possible Mechanisms of Ejecta Emplacement"
   Boyce, Joseph
   Haw Inst Geophys & Planet
   Proposal to use morphology of impact crater on Mars to understand their ejecta emplacement mechanics.
2. Nat'l Aeronautics & Space Administration
   "Measurement and Analysis of Aerosol Physio-chemistry and Optical
   Properties in Support of ARCTAS"
   Clarke, Antony D Oceanography - SOEST
   To support NASA's mission objectives on board the proposed aircraft P-3b,
   primarily airborne instrumentation.

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

4. Nat'l Aeronautics & Space Administration
   "Characterization of Hg: Cd: Te Avalanche Photo Diode Arrays: a Path
   to an Infrared Photon Counting Array"
   Hall, Donald N B Institute for Astronomy
   The objective of this proposed research is to completely bypass the voltage
   read noise in conventional charge integrating arrays by demonstrating
   noiseless infrared photon counting detector arrays limited only by natural
   background. We propose to demonstrate this for the near infrared utilizing
   existing, space qualified components.

5. Nat'l Aeronautics & Space Administration
   "Partial Funding of the Acquisition of an Electron Microprobe"
   Keil, Klaus Haw Inst Geophys & Planet
   Study of extraterrestrial materials such as meteorites from asteroids, Moon
   and Mars and returned lunar samples to understand the history of solid
   materials in the first few million years of Solar System history, and the
   formation of planetesimals, asteroids and planets.

6. Nat'l Aeronautics & Space Administration
   "Support Development of Next Generation Coronagraph"
   Kuhn, Jeffrey R Institute for Astronomy
   Modify the SOLARC facility to integrate it with the GSFC Instrument, including
   interface design, implementation, and operation costs.

7. Nat'l Aeronautics & Space Administration
   "Data-Intensive Research and Model Development at the
   International Pacific Research Center (IPRC)"
   McCreary, Julian P Sch Ocean, Earth Sci & Tec
   To enhance the research conducted at the IPRC to study the Pacific climate
   variability and processes, Pacific Ocean circulation and its roles in climate
   and Asian-Australian monsoon system (A-AMS).
8. Nat'l Aeronautics & Space Administration

"The Origin, History and Distribution of Waters and Its Relations to the Life in the Universe"

Meech, Karen J
Institute for Astronomy

This project will trace the history of water from its formation in the interstellar medium to incorporation in the solar system, how it reaches the terrestrial planets, and its role in life.

FROM: Hawaii- Government Agencies

1. County of Hawaii

"Coqui Frog Community Education/Outreach/Applied Research"

Hara, Arnold H
Plant & Environmental Protection

The overall objective of this proposal is to conduct effective community education and outreach programs on the biology and control of the coqui frog and to conduct applied research on chemical and non-chemical controls to mitigate the coqui frog in Hawaii County.

2. Hawaii-Dept of Health

"Hair Analysis for Mercury and Arsenic Exposure"

Li, Qingxiao
Molecular Biosci & Biosyst

To assist the Hazard Evaluation and Emergency Response Office, Hawaii Department of Health in establishing a biomonitoring project to assess exposure to hazardous substances in the environment. Mercury and arsenic will be measured in hair collected from Women, Infant and Child participants.

3. Hawaii-Dept of Human Services

"Memorandum of Understanding to Provide Technical Assistance Services"

Else, Iwalani
Psychiatry- MED

Conduct a needs assessment to provide DHS with the necessary data for short and long term strategic planning for the delivery of Medicaid-funded behavioral health services to the underserved and poor on the Big Island of Hawaii.

4. Hawaii-Dept of Land & Natural Resources

"Koolau Mountains Watershed Partnership Management Plan Implementation, FY 08"

Duffy, David
Botany

Research and manage watershed conservation in the Koolau Mountains on Oahu.

5. Hawaii-Dept of Land & Natural Resources

"Support for the HISC Program"

Duffy, David
Botany

Coordinate invasive species management and control programs for various entities, assess new invasive species risks, ensure good science is applied to management plans, and implement a public outreach program.
6. Hawaii-Dept of Land & Natural Resources $168,720
"Resource Management in the East Maui Watershed"
Duffy, David Botany
Conduct adaptive resource management of the East Maui Watershed.

7. Hawaii-Dept of Transportation $67,985
"Nuclear Gauge Calibration and Testing Guidelines for Hawaii"
Brandes, Horst Civil and Environmental
A study to calibrate nuclear gauge density and moisture content readings for local soils. Also, to develop nuclear gauge use guidelines for Hawaii Department of Transportation.

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

1. HCF-Hawaii Community Foundation - General Fund $49,984
"Role of Human Brain Microvascular Endothelial Cells in West Nile Virus-CNS Invasion"
Verma, Saguna Trop Med - Med Micro- MED
To understand the mechanism of how West Nile virus infects human brain microvascular endothelial cells which are a component of the blood brain barrier and enters the brain to cause fatal encephalitis.

2. Tri-Isle Resource Conservation & Development Council $92,000
"East Maui Watershed Protection"
Duffy, David Botany
Control and reduce invasive species in protected areas in the East maui Watershed and record data to track the effectiveness of control techniques.

FROM: Hawaii- Business and Other

1. Bishop Museum $26,710
"Investigating the Deep (50-100m) Coral Reefs of Hawaii"
Smith, Celia M Botany
This proposal provides research expertise in physiology of deep water corals and algae of Hawaii.

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

1. NSABP Foundation Inc $52,900
"Addendum to TIND -- 118, Treatment Industrial Master Purchased Services Agreement"
Oishi, Robert H Cancer Research Center
This addendum adds funding for patients enrolled on two new projects, B-40 and LTS-01 in performing patient screening and determining patient eligibility, patient follow-up, patient education and other protocol-related procedures required by sponsor.

FROM: Mainland- Business

1. ChemImage Corporation $68,842
"Stand-Off Raman Sensor (Subcontract)"
Sharma, Shiv K Haw Inst Geophys & Planet
This proposal seeks support for collaborating with Chem Image Corporation, Pittsburgh, PA for developing Stand-Off UV Raman technique for detecting explosives.
2. ChemImage Corporation
   "Stand-Off Raman Sensor (Subcontract)"
   Sharma, Shiv K   Haw Inst Geophys & Planet
   This proposal seeks support for collaborating with Chem Image Corporation, Pittsburgh, PA for developing Stand-Off UV Raman technique for detecting explosives.

FROM: Mainland- Other

1. Space Telescope Science Institute
   "The Cosmos 2 Degree ACS Survey"
   Sanders, David B   Institute for Astronomy
   To assist with observations on Mauna Kea observatory and compute photometric redshifts.

2. Woods Hole Oceanographic Inst
   "Glacial Radiocarbon Constraints from Drake Passage Deep-Sea Corals"
   Waller, Rhian   Sch Ocean,Earth Sci & Tec
   Collecting images and samples of fossil and live deep-water corals in the Drake Passage to Investigate species richness, biodiversity and habitat complexity in this area.

FROM: U.S. Universities and Colleges

1. Colorado School of Mines
   "Renewable Biosolar Hydrogen Production from Robust Oxygen Phototrophs"
   Bidigare, Robert R   Haw Inst Marine Bio-SOEST
   To perform studies that will produce new methods for optimizing the yield of photosynthetic H2 and will identify new wild strains and engineer new hybrid strains of photosynthetic microorganisms capable of more efficient and more economical H2 production as a renewable fuel source derived from water.

2. Northeastern University
   "Endocannabinoid Active Sites as Therapeutic Targets"
   Tius, Marcus A   Chemistry
   Preparation through chemical synthesis of a series of organic small molecules to use as probes for biological function.

3. Univ of Arizona
   "JWST Near Infrared Camera Co-Investigator Support"
   Hodapp, Klaus W   Institute for Astronomy
   Develop an observational program using JWST to addressing a broad spectrum of scientific issues, advising the NIR Cam PI and developing required data analysis.

4. Univ of California- Los Angeles
   "Subgrant from "CAREER: The Coordination of Leaf Hydraulics, Structure and Gas Exchange"
   Ranker, T A   Botany
   Research on the coordination of leaf structure, hydraulics, physiology and ecology of Native Hawaiian plant species. Support of UHM Botany Department graduate students as research assistants for the project.
5. Univ of Maryland
   "EPOXI Mission"
   Meech, Karen J Institute for Astronomy
   To reduce and analyze data obtained (including recovering the comet) and characterizing the nucleus for the EPOXI Mission.
   
6. Univ of Mississippi
   "Technical Support for CTBT Infrasound Sites"
   Garces, Milton Haw Inst Geophys & Planet
   Analyze and compare data and modify algorithms from various infrasonic sounds from the Big Island, Southwestern US, Washington, Ecuador.
   
7. Univ of Mississippi
   "Technical Support for CTBT Infrasound Sites"
   Garces, Milton Haw Inst Geophys & Planet
   Analyze and compare data and modify algorithms from various infrasonic sounds from the Big Island, Southwestern US, Washington, Ecuador.
   
8. Univ of Texas- Austin
   "Protoplanetary Disks Around the Lowest Mass Brown Dwarfs"
   Allers, Katelyn Institute for Astronomy
   To study the disks around objects with masses from 6 M-Jupiter up to the hydrogen burning limit, with emphasis on the lowest mass disks.

FROM: All Non-U.S.

1. Norwegian Embassy, New Delhi, India
   "Climate Change and Persistent Droughts: Impacts, Vulnerability and Adaptation in Rice Growing Subdivisions of India"
   Annamalai, H Meteorology - SOEST
   The goal of the proposal is to understand how in a future warmer climate, would drought conditions behave in India, in particular persistence of droughts or failure of the monsoon for 3-4 years in succession and their impacts on crop production and drinking water supply.
   
2. RIKEN
   "RIKEN Observing on UH 2.2 meter Telescope"
   Aspin, Colin Institute for Astronomy
   Collaborative research by the Cosmic Radiation Laboratory, RIKEN and UH 2.2 meter Telescope.

3. St. Thomas University (STU)
   "Influence of Demographic and Economic Changes on the Development of Private Universities in the Osaka and Hyogo Prefectures"
   Englert, Peter Haw Inst Geophys & Planet
   The influence of the falling number of eligible students and the changing economic basis in the Hyogo and Osaka prefectures of Japan on the development of private higher education institutions will be investigated.

4. Subaru Telescope
   "Software Graphical Interface for HiCIAO"
   Hodapp, Klaus W Institute for Astronomy
   Create graphical user interface software (GUI) for the specified instrument.
FROM: Miscellaneous

1. Center for Tropical and Subtropical Aquaculture (CTSA) $35,000
   "Improving Outputs in the Commercial Scale Production of Swordtails - Year 2"
   Tamaru, Clyde S Sea Grant - SOEST
   The overall goal of the proposed project is to elevate swordtail production in Hawaii to the point where it becomes a major driver in the expansion of the freshwater ornamental fish industry. The main way this is to be achieved is by the establishment of populations of all female homozygous lyretail broodstock that can be distributed to Hawaii's swordtail producers.

NON-RESEARCH AWARDS

FROM: DHHS-Dept of Health & Human Services

1. National Institutes of Health $178,901
   "High School Students STEP-UP to Biomedical Research"
   Hui, George S N Trop Med - Med Micro- MED
   To provide biomedical research training for high school students of ethnic minority and economically disadvantaged background.

FROM: DOC-Dept of Commerce

1. DOC-National Oceanic & Atmospheric Administration $41,500
   "Dean John A. Knauss Marine Policy Fellowship - P. Maurin"
   Grau, E Gordon Sea Grant - SOEST
   Provide educational experience in the policies and processes of the legislative and executive branches of the federal government to graduate students in marine and aquatic-related fields.

FROM: ED-Dept of Education

1. ED-Dept of Education $135,000
   "National Resource Center and Foreign Language and Area Studies Fellowships - FLAS"
   Hanlon, David L. History
   The work to be funded includes instruction, conferences, and a community outreach program, all designed to promote knowledge of the Pacific Islands. The development of language materials and the enhancement of library resources comprise two other key areas of the project.

2. ED-Dept of Education $83,000
   "Advanced Filipino Abroad Program"
   Mabanglo, Ruth Haw'n & Indo-Pac Language
   Eight week advanced Filipino language immersion project in De La Salle University-Dasmarias campus, set in a rural town in Cavite Province, Philippines. This is funded by Fulbright-Hays Groups Projects Abroad of the United States Department of Education.

3. ED-Dept of Education $65,450
   "Advanced Study of Khmer (ASK) - Summer Abroad Intensive Program in Cambodia"
   Sak-Humphry, Chhany Haw'n & Indo-Pac Language
   The intensive and immersion advanced study of Khmer language program in Cambodia.
FROM: National Science Foundation

1. National Science Foundation               $326,000
   "Graduate Research Fellowship Program"
   Garrod, Peter V        Graduate Division
   To provide graduate students the opportunity to further their education by
   funding their research projects.

2. National Science Foundation               $550,019
   "Eco-DAS: Ecological Dissertations in the Aquatic Sciences Series"
   Kemp, Paul             Oceanography - SOEST
   The Eco-DAS symposium series designed to facilitate workshops and
   conferences to encourage and foster interdisciplinary collaborations among
   early career scientists to benefit both science and researchers in Aquatic
   Sciences.

FROM: Nat'l Aeronautics & Space Administration

1. Nat'l Aeronautics & Space Administration   $150,000
   "The Hawaii NASA EPSCoR Program: Educating the New NASA
   Workforce"
   Flynn, Luke P          Haw Inst Geophys - SOEST
   This proposal establishes the Hawaii EPSCoR Program and elaborates on
   three tasks: (1) forming an advisory committee, (2) creating a workforce
   development project on Kauai, and (3) exploring new research opportunities
   with NASA Ames and JPL Centers.

FROM: Independent Federal Agencies- Minor

1. Corporation for National and Community Service   $23,275
   "The Health Disparities Service-Learning Collaborative Program"
   Maddock, Jason E       Public Health Sciences
   This grant will enhance service-learning to address health disparities in the
   Department of Public Health Sciences.

FROM: Hawaii- Government Agencies

1. Hawaii-Dept of Education                  $9,240
   "Provision of Professional Development in Mathematics"
   Slovin, Hannah         CRDG
   CRDG shall provide professional development to examine instructional
   strategies, to enhance mathematical content knowledge to help students think
   algebraically and become better problem solvers, and to problem solve ways
   to help struggling students.

2. Hawaii-Dept of Health                    $711,452
   "Child Residency Training ASO Log No. 02-002"
   Guerrero, Anthony      Psychiatry- MED
   Provide training and administrative support service to psychiatric residents
   and fellows for the Department of Health, Child and Adolescent Mental Health
   Division as outlined in the scope of services in the contract.

3. Hawaii-Dept of Land & Natural Resources   $10,000
   "State Land Conservation Fund Program Development and
   Coordination"
   Duffy, David           Botany
   Coordinate the Legacy Land Conservation Program to aide the acquisition of
   lands with natural resource value that are in danger of being developed.
4. Hawaii-Dept of Land & Natural Resources  
   "West Nile Virus Early Detection on Oahu (Dead Bird Retrieval Program)"
   Duffy, David  
   Botany
   Identify reported bird carcasses and take them to Hawaii Dept. of Health testing facilities as a first defense against the import of West Nile Virus.

5. Hawaii-Judiciary  
   "History of the Pacific Judicial Conference"
   Van Dyke, Jon M  
   School of Law
   Research and editorial work on the history of the Pacific Judicial Conference. Research involves interviewing key judges involved in the Pacific Judicial Conferences over the past years.

FROM: Hawaii- Associations, Foundations, Societies, etc.
1. Hawaii Disability Rights Center  
   "Hawaii Disability Rights Center Technical Assistance Contract"
   Johnson, Jean  
   Center on Disability Studies
   The HDRC is in need of technical assistance in areas of mutual interest relative to disability issues. CDS will provide expertise and personnel to assist in research on these disability issues.

2. Nat'l Resource Conservation Service  
   "Hawaii Conservation Alliance"
   Kaneshiro, Kenneth Y  
   Pacific Biosciences Research
   Outreach to increase awareness and involvement in conserving and managing Hawaii's ecosystems. Production of an annual report on effective conservation in the Hawaiian Islands.

FROM: Hawaii- Business and Other
1. Akaku Maui Community Television  
   "MCC-TV Educational Access Television"
   Sakamoto, Clyde  
   Maui CC
   Manage, coordinate, and operate MCC-TV Educational Access television. This channel is one of the designated providers of educational television programming in Maui County.

FROM: Mainland- Associations, Foundation, Soc, etc.
1. Casey Foundation (Annie E Casey)  
   "2008 Hawaii Kids Count Plan Guidelines"
   Yuen, Sylvia H L  
   Center on the Family
   Hawaii Kids Count's objective is to improve the well-being of Hawaii's children and families by increasing public awareness of their conditions and serving as a catalyst for positive action on their behalf. Activities include maintaining a database of child and family indicators, tracking indicators over time, and writing/disseminating reports on critical issues.

FROM: Mainland- Business
1. Aura, Inc  
   "Purchase Order 27593AN NICI Backup Deformable Mirror and Blank"
   Ftaclas, Christ  
   Institute for Astronomy
   Manufacture 2 mirrors for Association of Universities for Research in Astronomy, Inc.
FROM: U.S. Universities and Colleges

1. Gallaudet University $32,436
   "Gallaudet University Regional Center: Hawai'i and Pacific Rim"
   Pagotto, Louise Kapiolani CC
   To provide educational and other support services to the deaf and hard-of-hearing, their families, and the professionals who work with them in Hawai'i and the Pacific Islands.

2. Univ of California - San Francisco $8,000
   "HIV Care Services Training & Educational Services"
   Goshima, Cyril Psychiatry- MED
   Provide HIV/AIDS Care Services Training and Educational Services to health care providers in Hawaii and South Pacific.

3. Western Washington University $15,600
   "Students in Service (SIS)"
   Pascua, Atina T SVP - Academic Affairs
   Provide opportunities for students to be involved in community service and service learning.

FROM: All Non-U.S.

1. Government of American Samoa $816,928
   "American Samoa Territorial Training Assistance Project - 2008"
   Haleck, Peggy A College of Education
   To provide a Bachelor of Education degree and teacher certification to upgrade the skills of in service teachers in American Samoa.

2. Government of American Samoa $42,541
   "Early Childhood Endorsement Education Project - 2008"
   Haleck, Peggy A College of Education
   To provide courses which lead toward Early Childhood endorsement through the bachelor of education degree via the Territorial Teacher Training Assistance Project in American Samoa.

3. Kurdistan Regional Government $1,691,516
   "Hawaii-Iraq Partnership for Revitalizing Kurdistan Agricultural Higher Education and Development (KAHEAD)"
   El-Swaify, Samir Natural Resources &
   Revitalize agricultural higher education in Kurdistan (Northern Iraq).

4. Nat'l Astronomical Observatory of Japan $18,802
   "NAOJ-Subaru Telescope Use of the UH 2.2-m Telescope FY08"
   Aspin, Colin Institute for Astronomy
   To foster collaborative astronomical programs, primarily, the collaborative use of the UH 2.2-meter Telescope.

FROM: Miscellaneous

1. Miscellaneous - Assign new code $54,549
   "Provide Technical Assistance for the Division of Special Ed"
   Stodden, Robert A Center on Disability Studies
   This project is organized into three sections. Teacher Preparation project is designed for special education teachers to obtain their B.Ed in elementary education with certification in special education. The Assistive Technology project instructs teachers in the area of assistive technology and the Speech/Language covers assessment, evaluation, and instruction.
Funds Received from UH Foundation

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

1. Univ of Hawaii Foundation $16,500
   "M. Carbone Laboratory - UH Foundation Account #124-7980-4"
   Carbone, Michele Cancer Research Center
   Salary for Graduate Assistant in Dr. Carbone's lab.

2. Univ of Hawaii Foundation $50,000
   "Seafloor Hydrothermal Research"
   Martinez, Fernando Haw Inst Geophys & Planet
   Further the instructional and research objectives of the University of Hawaii
   with the study of seafloor hydrothermal systems including sea-going
   expeditions, student training, and research into the formation, nature and
   evolution of seafloor hydrothermal systems.

NON-RESEARCH AWARDS
FROM: Hawaii- Associations, Foundations, Societies, etc.

1. Univ of Hawaii Foundation $48,562
   "Osher Lifelong Learning Institute"
   Dubanoski, Richard A College of Social Sciences
   To provide partial funding for Director of the Osher Lifelong Learning Institute
   for the period 04/01/08 - 03/31/09.

2. Univ of Hawaii Foundation $8,000
   "Philosophy in the Schools Educational Specialists"
   Jackson, Thomas E Philosophy
   Educational Specialists to assist classroom teachers in philosophical
   discussions with students; help prepare classroom lessons; maintain
   research journals.

3. Univ of Hawaii Foundation $5,000
   "President's Emerging Leaders Program, 2007-08"
   Johnsrud, Linda College of Education
   To pay for program costs related to the President's Emerging Leaders
   Program for the period of August 1, 2007 through June 30, 2008.

4. Univ of Hawaii Foundation $1,000
   "Teaching Korean Pronunciation"
   Park, Mee Jeong East Asian Language & Lit
   Pay for Graduate Research assistant salary.

5. Univ of Hawaii Foundation $1,900
   "The Florence Macaulay Lecture"
   Shultz, Edward J School of Hawaiian, Asian & Pacific
   To fund the Florence Macaulay lectures in Asian and Pacific Studies.

6. Univ of Hawaii Foundation $56,440
   "Law School Annual Fund"
   Soifer, Aviam School of Law
   Process payment for Law School UHF account with payroll and tax
   implications.
### SUMMARY

**EXTRAMURAL RESEARCH AWARDS, DISTRIBUTION BY SPONSORS**

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## SUMMARY

### EXTRAMURAL NON-RESEARCH AWARDS,

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## YEAR-TO-DATE SUMMARY

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| Total                                       | 795           | $161,360,303 | 100.00  |
# YEAR-TO-DATE SUMMARY
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Awards Received by University of Hawaii at Hilo

RESEARCH AWARDS

FROM: Hawaii Government Agencies

1. State of Hawaii $ 47,600
   "Management of Invasive Species Data, Phase II"
   Kevin Hopkins UHH Aquaculture

2. State of Hawaii $ 1,563
   "Humuula Gorse Project 2"
   Rebecca Ostertag UHH Biology

FROM: US Colleges & Universities

1. University of Illinois at Chicago $ 83,054
   "Studies on Biodiversity of Vietnam and Laos"
   John Pezzuto UHH Pharmacy

NON-RESEARCH AWARDS

FROM: National Science Foundation

1. National Science Foundation $ 250,000
   "Hawaiian Values Science & Technology, Phase II"
   Sonia Juvik UHH Social Science

FROM: Hawaii Associations, Foundations & Societies

1. ALU Like, Inc. $ 147,857
   "Ulukau - Curriculum"
   Keiki Kawaiaea UHH Hawaiian Language
UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL RESEARCH AWARDS: MARCH 2008

DISTRIBUTION BY SPONSORS

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UNIVERSITY OF HAWAII AT HILO SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS: MARCH 2008

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**UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY**

**EXTRAMURAL RESEARCH AWARDS: JULY 2007 - MARCH 2008**

**DISTRIBUTION BY SPONSORS**

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UNIVERSITY OF HAWAII AT HILO YEAR-TO-DATE SUMMARY

EXTRAMURAL NON-RESEARCH AWARDS: JULY 2007 - MARCH 2008

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<tr>
<td><strong>Total</strong></td>
<td><strong>37</strong></td>
<td><strong>$7,814,726</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
**PURSUANT TO BOARD OF REGENTS’ POLICY, CHAPTER 8-1**
**FOR BOARD APPROVAL**

<table>
<thead>
<tr>
<th>Description</th>
<th>To provide exclusive beverage pouring and vending rights for the University of Hawai‘i at Mānoa Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor</td>
<td>Coca Cola Bottling Company of Hawai‘i</td>
</tr>
<tr>
<td>Amount:</td>
<td>Projected return of $3,184,000 over seven (7) years</td>
</tr>
<tr>
<td>Term:</td>
<td>July 1, 2008 to June 30, 2015</td>
</tr>
<tr>
<td>Campus:</td>
<td>UH Mānoa, Auxiliary Services</td>
</tr>
<tr>
<td>Fund:</td>
<td>Revolving</td>
</tr>
</tbody>
</table>
Consent Agenda for Three (3) Indemnity Provisions
Attachment

1. Indemnity Provision - Subaward Agreement between the University of Hawai'i (UH) and University of Texas at Austin

The University of Texas, Austin (UT) is the prime Awardee of this NASA award. UT will issue to subaward to UH. Dr. Daniel Jaffe of UT is the Principal Investigator of the NASA Origins Grant entitled "Protoplanetary Disks Around the Lowest Mass Brown Dwarfs." Dr. Katelyn Allers, a UH Post-Doc Fellow, is the Co-Investigator. Her adviser is Dr. Michael Liu of UH. A technician will operate the NASA Telescope which will generate data related to the study of brown dwarfs (brown dwarfs are astronomical objects in between a large planet like Jupiter and a small star) and their protoplanetary disks (which is a ring disk of matter orbiting around a star, including space gas and dust, from which planets may eventually form or be in the process of forming). The purpose of Dr. Aller's analysis is to determine the properties of the brown dwarfs themselves. The performance of this must be done by March 2008. The total amount of the subaward is fifteen thousand six hundred and thirty six dollars ($15,636.00).

Among the provisions incorporated into this Grant Agreement is FAR § 1260.61, which provides as follows:

Allocation of risk/liability (October 2000)

(a) With respect to activities undertaken under this agreement, the Recipient agrees not to make any claim against NASA or the U.S. Government with respect to the injury or death of employees or its contractors and subcontractors employees, or to the loss of its property or that of its Contractors and subcontractors, whether such injury, death, damages or loss arises through the negligence or otherwise, except in the case of willful misconduct.

(b) In addition, the Recipient agrees to indemnify and hold the U.S. Government and its Contractors and subcontractors harmless from any third party claim, judgment, or cost arising from the injury to or death of any person, or for damages to or loss of any property, arising as a result of its possession or use of any U.S. Government property.

This clause comes from 14 CFR Part 1260 which is NASA's regulations pertaining to grants and cooperative agreements.

Dr. Katelyn Aller's work involves analyzing data. The majority of the data that she will be analyzing will be provided to her.

If Dr. Aller needs follow-up observation to obtain additional data, the data will be obtained from the NASA Telescope facility. If this occurs, Dr. Aller's responsibility
will include planning the observations and executing the commands for the camera on the telescope, which she will do remotely using the computer in her office from the Institute of Astronomy at UH Manoa. At Dr. Aller's command, the camera will take pictures, which will generate the data for Dr. Aller's analysis.

The camera may be U.S. government property, however, since all that she will be doing is executing the command for the camera to record images upon her command, the probability of a third party claim, judgment, or cost arising from the injury to or death of any person, or for damages to or loss of any property, arising as a result of its possession or use of any U.S. Government property is remote.

For the reasons provided, it is unlikely that a circumstance would arise that would require UH defending or indemnifying UT.
2. Indemnity Provision – Agreement between the NEC Foundation of America and the University of Hawai‘i

NEC Foundation of America (NEC) is making $53,000.00 available to the University of Hawai‘i to do a study on Remote Accessibility Assessment System (RAAS) ("Project"). The Project will be performed by Dr. Weol Soon Kim-Rupnow, PI, and David Baker, UH Graduate Assistant. Other people who will be working on the Project are Dr. Jong Bae Kim of University of Pittsburg, a Home Modification Specialist at PacMed and three subjects who are the Project participants.

The subjects are individuals with physical disabilities. They each have "built environment" which is an architectural physical work environment which is already built. The purpose of the Project is to study and assess the work environment for each of the three subjects, using the conventional on-site method and the RAAS.

The Project entails three participants filling out a survey about their work environment. In the conventional on-site method, a PacMed workplace evaluator will then visit each participant's workplace and do an on-site evaluation about accessibility.

In the RAAS method, the UH Grad student will set up an internet camera at each worksite and carry the camera around the environment at the direction of the PI. The PI at the University of Pittsburg will take images of the participants' workplace environment for the purpose of constructing a VR 3D environment using the 3D modeling software. Once that is completed, the PI from University of Pittsburg will assess the accessibility of each participant’s workplace via the VR 3D, the survey information and the 2D photos.

The evaluation results, using the conventional on-site method and the RAAS method, will then be compared to evaluate the differences between the two methods, using the standardized evaluation form.

If the study results in the RAAS method of evaluation generate the same results as the conventional on-site method, it is the desire of the PIs to disseminate this new RAAS assessment method to underserved areas, such as rural areas and remote island areas.

The availability of skilled professionals with experience in architectural modifications that enhance accessibility is limited, particularly in rural and remote island areas. The Project was conceived to determine whether the RAAS assessment method is as effective as the conventional method.

It is the environment that is being studied and not the persons. The field study will be done in six months.
Grantee agrees to indemnify and hold harmless NEC Foundation of America, its successors and assigns, from and against any and all liability, damage, loss, cost or expense, including, without limitation, attorneys' fees and costs, arising out of or in any way resulting from any activity undertaken in connection with the funded projects." NEC Foundation of America is a private, non-profit organization established to society through technology and helping people to realize their full potential." Every grant they award "must have national reach and impact related to assistive technology for people with disabilities."

NEC Foundation of America is a funding source only and is not otherwise involved in the actual performance of the project. Thus, it is extremely unlikely that NEC Foundation of America could be held liable for any injuries, damages, losses, etc.

The University of Hawai'i is one of three grantees, others being University of Pittsburg and PacMed.

There are three participants, all of whom are disabled individuals who will conduct their normal work in their already built environment. The indemnification is applicable to only NEC Foundation of America.

Under these circumstances, it is highly unlikely that the indemnification clause will be invoked.
3. Indemnity provision - Agreement between the University of Hawai‘i (UH) and National Aeronautics and Space Administration (NASA).

The University of Hawai‘i has obtained a grant from National Aeronautics and Space Administration (NASA) for training, Prime Award No. The performance of this grant is 36 months beginning May 10, 2007. The total amount of the award is one hundred fifteen thousand dollars ($115,000.00).

Among the provisions incorporated into this Grant Agreement is FAR § 1260.61, which provides as follows:

Allocation of risk/liability (October 2000)

(a) With respect to activities undertaken under this agreement, the Recipient agrees not to make any claim against NASA or the U.S. Government with respect to the injury or death of employees or its contractors and subcontractors employees, or to the loss of its property or that of its Contractors and subcontractors, whether such injury, death, damages or loss arises through the negligence or otherwise, except in the case of willful misconduct.

(b) In addition, the Recipient agrees to indemnify and hold the U.S. Government and its Contractors and subcontractors harmless from any third party claim, judgment, or cost arising from the injury to or death of any person, or for damages to or loss of any property, arising as a result of its possession or use of any U.S. Government property.

This clause comes from 14 CFR Part 1260 which is NASA's regulations pertaining to grants and cooperative agreements.

Dr. Luke Flynn has described his work under the Grant to be in the following three areas:

(1) Establish a Technical Advisory Committee (TAC);

(2) Start a program at Kauai Community College (KCC) that teach core courses in engineering, marine science, space science, and business to create an Associate Degree in Program Management that will help to develop a technically capable workforce on Kaua‘i; and

(3) Facilitate UH-based research (in UH facilities) that would investigate payload integration and mechanical structures.

According to Dr. Flynn, no U.S. government property will be used for the work under this agreement. Moreover, no work will be performed at Federal government facilities. The control of the work to be performed under this Grant will remain with UH personnel, and Dr. Flynn himself will do the work.
The TAC will meet twice a year at the University of Hawai‘i at Manoa or at one of the Community Colleges. The courses taught at KCC will be taught by existing instructors at KCC or by instructors hired by KCC. It is not anticipated that any U.S. Government property will be used in classroom instructions. Finally, the UH-based research will be done at a research lab at the POST building, and the research will involve the building of structures to hold satellites. None of the activities described will involve the use of U.S. Government property.

Since the work does not involve the use of U.S. Government property and the nature of the work would not place a person’s life or limb at risk, it is unlikely that a circumstance would arise that would require UH to defend or indemnify NASA.
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

Professor or Equivalent

AUMAN, ANN ELIZABETH
Professor, I5
School of Communications
Promotion
August 1, 2008

CHANDLER, PAUL MICHAEL
Professor, I5
Languages and Literatures of Europe and the Americas
Promotion
August 1, 2008

CHEN, HONG-MEI
Professor, I5
Information Technology Management
Promotion
August 1, 2008

CURB, J. DAVID
Professor, M5
Geriatric Medicine
Award Tenure
August 1, 2008

DEBRECENY, ROGER S.
Professor, I5
School of Accountancy
Award Tenure
August 1, 2008

DUCKWORTH, LINDA W.
Specialist, S5
International Student Services
Promotion
August 1, 2008

EL-KADI, ALY I.
Professor, I5
Geology and Geophysics (FTE .50)
Water Resources Research Center (FTE .50)
Promotion
August 1, 2008
ENOMOTO, ERNESTINE K.
Professor, I5
Educational Administration
Promotion
August 1, 2008

FLYNN, LUKE PAUL
Specialist, S5
Hawai'i Institute of Geophysics
and Planetology
Award Tenure and Promotion
August 1, 2008

GRACE, DONNA J.
Professor, I5
Institute for Teacher Education,
Elementary Program
Promotion
August 1, 2008

HISHINUMA, EARL S.
Professor, I5
Psychiatry
Award Tenure
August 1, 2008

HUI, GEORGE S. N.
Researcher, R5
Tropical Medicine, Medical Microbiology
and Pharmacology
Award Tenure
August 1, 2008

HUSS, GARY ROBERT
Researcher, R5
Hawai'i Institute of Geophysics
and Planetology
Award Tenure
August 1, 2008

IDETA, LORI M.
Specialist, S5
Office of the Vice Chancellor for Students
Promotion
August 1, 2008

INAZU, JUDITH K.
Specialist, S5
Social Science Research Institute
Award Tenure
August 1, 2008
JOHNSON, DAVID T.
Professor, I5
Sociology
Promotion
August 1, 2008

JOHNSON, KEVIN T.
Researcher, R5
Geology and Geophysics
Promotion
August 1, 2008

LU, YUANAN
Professor, I5
Public Health Sciences
Award Tenure and Promotion
August 1, 2008

MASUTANI, STEPHEN M.
Researcher, R5
Hawai‘i Natural Energy Institute
Promotion
August 1, 2008

MURATA, NATHAN M.
Professor, I5
Kinesiology and Leisure Science
Promotion
August 1, 2008

PAK, GARY Y. K.
Professor, I5
English
Promotion
August 1, 2008

QUIGLEY, PETER S.
Professor, I5
English
Award Tenure
August 1, 2008

REED, GAY G.
Professor, I5
Educational Foundations
Promotion
August 1, 2008

RIESER, ALISON
Professor, I5
Geography
Award Tenure
August 1, 2008
ROLEY, V. VANCE  
Professor, I5  
Financial Economics and Institutions  
Award Tenure  
August 1, 2008

SAKAGUCHI, ANN M.  
Specialist, S5  
Anthropology  
Award Tenure and Promotion  
August 1, 2008

SCHOONMAKER, JANE E.  
Specialist, S5  
Oceanography  
Promotion  
August 1, 2008

SORENSEN, CHRISTINE K.  
Professor, I5  
Educational Technology  
Award Tenure and Promotion  
August 1, 2008

SHIROMA, WAYNE AKIRA  
Professor, I5  
Electrical Engineering  
Promotion  
August 1, 2008

SHOULTZ, JANICE E.  
Professor, I5  
Nursing  
Promotion  
August 1, 2008

SOGUK, NEVZAT  
Professor, I5  
Political Science  
Promotion  
August 1, 2008

SUTHERS, DANIEL D.  
Professor, I5  
Information and Computer Sciences  
Promotion  
August 1, 2008

WANG, YUQING  
Professor, I5  
Meteorology  
Award Tenure and Promotion  
August 1, 2008
WATLING, LESLIE E.
Professor, I5
Zoology
Award Tenure
August 1, 2008

WHITE, GEOFFREY MILES
Professor, I5
Anthropology
Award Tenure
August 1, 2008

WILKENS, GEORGE R. JR.
Professor, I5
Mathematics
Promotion
August 1, 2008

YOSHIHARA, MARI
Professor, I5
American Studies
Promotion
August 1, 2008

ZALUD, IVICA
Professor, M5
Obstetrics, Gynecology and Women’s Health
Promotion
August 1, 2008

**Associate Professor or Equivalent**

ALLEN, CHIZUKO T.
Associate Specialist, S4
Dean’s Office
Promotion
August 1, 2008

ALVAREZ, ANN R.
Associate Professor, I4
Social Work
Award Tenure
August 1, 2008

ARCHILLA, ADRIAN R.
Associate Professor, I4
Civil and Environmental Engineering
Award Tenure and Promotion
August 1, 2008
ARSLAN, GURDAL
Associate Professor, I4
Electrical Engineering
Award Tenure and Promotion
August 1, 2008

BARNES, BRUCE E.
Associate Professor, I4
Matsunaga Institute for Peace
Award Tenure
August 1, 2008

BRESOLIN, FABIO
Associate Researcher, R4
Institute for Astronomy
Award Tenure
August 1, 2008

BROOKS, BENJAMIN A.
Associate Researcher, R4
Hawai‘i Institute of Geophysics
and Planetology
Award Tenure and Promotion
August 1, 2008

CARLON, DAVID BOVARD
Associate Professor, I4
Zoology
Award Tenure and Promotion
August 1, 2008

CHOPEY, MICHAEL ANDREW
Librarian IV, B4
Hamilton Library
Promotion
August 1, 2008

DAVIS, SANDRA KAY
Associate Specialist, S4
International Student Services
Promotion
August 1, 2008

DEENIK, JONATHAN L.
Associate Specialist, S4
Tropical Plant and Soil Science
Award Tenure and Promotion
August 1, 2008

DONACHIE, STUART
Associate Professor, I4
Microbiology
Award Tenure and Promotion
August 1, 2008
DONG, YINGFEI
Associate Professor, I4
Electrical Engineering
Award Tenure and Promotion
August 1, 2008

FRIDAY, JAMES B.
Associate Specialist, S4
Natural Resources and
Environmental Management
Award Tenure and Promotion
August 1, 2008

GONZALVES, THEODORE S.
Associate Professor, I4
American Studies
Award Tenure and Promotion
August 1, 2008

HA, CHUNG-EUN
Associate Professor, I4
Native Hawaiian Health
Promotion
August 1, 2008

HALM, BRUNHILD M.
Associate Professor, M4
Pediatrics
Promotion
August 1, 2008

HAYASHI, KENTARO
Associate Professor, I4
Psychology
Award Tenure and Promotion
August 1, 2008

HERRING, JENNIFER
Associate Specialist, S4
Institute for Teacher Education
Award Tenure and Promotion
August 1, 2008

HOFFMAN, ELLEN
Associate Professor, I4
Educational Technology
Award Tenure
August 1, 2008

HOANG, TUNG THANHTHANH
Associate Professor, I4
Microbiology
Award Tenure and Promotion
August 1, 2008
KARL, STEPHEN ANTHONY  
Associate Researcher, R4  
Hawai'i Institute of Marine Biology  
Award Tenure  
August 1, 2008

KOBUYASHI, MARCELO H.  
Associate Professor, I4  
Mechanical Engineering  
Award Tenure  
August 1, 2008

KELLER, STEFAN  
Associate Professor, I4  
Public Health Sciences  
Promotion  
August 1, 2008

LATNER, JANET D.  
Associate Professor, I4  
Psychology  
Award Tenure and Promotion  
August 1, 2008

LEONG, PETER W.K.  
Associate Specialist, S4  
Educational Technology  
Promotion  
August 1, 2008

LEVINSON, JUSTIN D.  
Associate Professor, J4  
Law  
Award Tenure and Promotion  
August 1, 2008

LORENZO, PATRICIA S.  
Associate Researcher, R4  
Cancer Research Center of Hawai'i  
Award Tenure and Promotion  
August 1, 2008

MATTOS, JODIE HIDEMI  
Librarian IV, B4  
Hamilton Library  
Promotion  
August 1, 2008

MOODY, MARC A.  
Associate Professor, I4  
School of Communications  
Award Tenure and Promotion  
August 1, 2008
NIGG, CLAUDIO R.
Associate Professor, I4
Public Health Sciences
Award Tenure
August 1, 2008

NIXON, DAVID C.
Associate Professor, I4
Public Administration Program
Award Tenure
August 1, 2008

NORRIS, JOHN M.
Associate Professor, I4
Second Language Studies
Award Tenure and Promotion
August 1, 2008

NOY, ILAN
Associate Professor, I4
Economics
Award Tenure and Promotion
August 1, 2008

OKADA, ERICA MINA
Associate Professor, I4
Marketing
Award Tenure
August 1, 2008

OKUHARA, KEIKO
Librarian IV, B4
Law Library
Award Tenure and Promotion
August 1, 2008

OMORI, JILL S. M.
Associate Professor, M4
Family Medicine and Community Health
Promotion
August 1, 2008

ORNELLES, CECILY
Associate Professor, I4
Special Education
Award Tenure and Promotion
August 1, 2008

OSTUKA, YUKO
Associate Professor, I4
Linguistics
Award Tenure and Promotion
August 1, 2008
PERKINSON, ROBERT R.
Associate Professor, I4
American Studies
Award Tenure and Promotion
August 1, 2008

PORT, DANIEL N.
Associate Professor, I4
Information Technology Management
Award Tenure and Promotion
August 1, 2008

RHEE, MOOWEON
Associate Professor, I4
Management and Industrial Relations
Award Tenure and Promotion
August 1, 2008

ROUSSEV, ILIA I.
Associate Researcher, R4
Institute for Astronomy
Promotion
August 1, 2008

RUTTER, SARA M.
Librarian IV, B4
Hamilton Library
Award Tenure and Promotion
August 1, 2008

SHARMA, NANDITA (FTE .50)
Associate Professor, I4
Ethnic Studies
Promotion
August 1, 2008

SHARMA, NANDITA (FTE .50)
Associate Professor, I4
Sociology
Promotion
August 1, 2008

SHARMA, SANGITA
Associate Researcher, R4
Cancer Research Center of Hawai‘i
Promotion
August 1, 2008

SHEEHEY, PATRICIA H.
Associate Professor, I4
Special Education
Award Tenure and Promotion
August 1, 2008
SHERSTYUK, EKATERINA V.
Associate Professor, I4
Economics
Award Tenure
August 1, 2008

SHERWOOD, ALISON RUTH
Associate Professor, I4
Botany
Award Tenure and Promotion
August 1, 2008

SKOUGE, JAMES R.
Associate Professor, I4
Special Education
Award Tenure and Promotion
August 1, 2008

STEWARD, GRIEG F.
Associate Professor, I4
Oceanography
Award Tenure and Promotion
August 1, 2008

SULLIVAN, ROBERT B. M.
Associate Professor, I4
English
Award Tenure
August 1, 2008

SWIFT, SABINA F.
Associate Specialist, S4
Plant and Environmental Protection Sciences
Promotion
August 1, 2008

SZAPUDI, ISTVAN
Associate Researcher, R4
Institute for Astronomy
Award Tenure
August 1, 2008

TAKANISHI, DANNY M. JR.
Associate Professor, M4
Surgery
Award Tenure
August 1, 2008

TENGAN, TY P.
Associate Professor, I4
Anthropology (FTE .50)
Ethnic Studies (FTE .50)
Award Tenure and Promotion
August 1, 2008
THOMAS, FLORENCE I.  
Associate Researcher, R4  
Hawai‘i Institute of Marine Biology  
Award Tenure  
August 1, 2008

THORNE, MARK S.  
Associate Specialist, S4  
Human Nutrition, Food and Animal Sciences  
Award Tenure  
August 1, 2008

TITCHENAL, CHARLES A.  
Associate Professor, I4  
Human Nutrition, Food and Animal Sciences  
Award Tenure and Promotion  
August 1, 2008

TOONEN, ROBERT J.  
Associate Researcher, R4  
Hawai‘i Institute of Marine Biology  
Award Tenure and Promotion  
August 1, 2008

WANG, XIAOJUN  
Associate Professor, I4  
Economics  
Award Tenure and Promotion  
August 1, 2008

YEE, THOMAS  
Associate Professor, I4  
Music  
Award Tenure  
August 1, 2008

ZEEBE, RICHARD E.  
Associate Professor, I4  
Oceanography  
Award Tenure and Promotion  
August 1, 2008

Assistant Professor or Equivalent

BINGHAM, RUTH O.  
Assistant Specialist, S3  
Student Academic Services  
Award Tenure and Promotion  
August 1, 2008

KAALOA, ROCHELLE P. H.  
Assistant Specialist, S3  
Center for Hawaiian Studies  
Award Tenure  
August 1, 2008
LANGWORTHY, CHRISTINE  
Assistant Specialist, S3  
Social Work  
Award Tenure  
August 1, 2008

MCDONALD, TY G.  
Assistant Extension Agent, A3  
Tropical Plant and Soil Science  
Award Tenure  
August 1, 2008

Instructor or Equivalent

TAKUSHI, IRIS S.  
Junior Specialist, S2  
Career Development and  
Student Employment  
Award Tenure  
August 1, 2008

Emeritus

MENTON, LINDA K.  
Professor, I5  
Curriculum Research and Development Group  
College of Education  
Upon Board Approval

UNIVERSITY OF HAWAI'I AT HILO

Executive

TSENG, ROSE  
Chancellor and Professor  
Office of the Chancellor, UHH  
Special Salary Adjustment  
July 1, 2007  
Professional Improvement Leave  
January 1, 2010 – December 30, 2010  
Waiver of Return Service Obligation

Professor or equivalent

BINDER, PHILIPPE  
Professor, I5  
Physics and Astronomy  
Promotion  
August 1, 2008

CASTILLE, PHILIP  
Professor, I5  
English  
Award Tenure  
August 1, 2008
FISHER, EDWARD
Professor, I5
Pharmaceutical Sciences
Award Tenure
August 1, 2008

FRUEH, BARTLEY C.
Professor, I5
Psychology
Award Tenure
August 1, 2008

KIM, BRYAN
Professor, I5
Psychology
Award Tenure and Promotion
August 1, 2008

MILLS, PETER
Professor, I5
Anthropology
Promotion
August 1, 2008

OKAMOTO, MARK
Professor, I5
Pharmacy Practice
Award Tenure
August 1, 2008

Associate Professor or equivalent

BELT, TODD
Associate Professor, I4
Political Science
Award Tenure and Promotion
August 1, 2008

BESIO, KATHRYN
Associate Professor, I4
Geography
Promotion
August 1, 2008

EBERSOLE, MICHELE
Associate Professor, I4
Education
Award Tenure and Promotion
August 1, 2008

MARTIN, DREW
Associate Professor, I4
Marketing
Award Tenure
August 1, 2008
RAMOS, CHERYL
Associate Professor, I4
Psychology
Promotion
August 1, 2008

UNIVERSITY OF HAWAI’I – WEST O’AHU

Professor or equivalent

HELLER, MARY
Professor, I5
Elementary Education
Award Tenure and Promotion
August 1, 2008

Associate Professor or equivalent

LANGFORD, RICHARD
Associate Professor, I4
Psychology
Promotion
August 1, 2008

ROSENLEE, LISA
Associate Professor, I4
Philosophy
Promotion
August 1, 2008

COMMUNITY COLLEGES

Executive

CABRAL, MANUEL J. $12,918 per month.
Chancellor
Leeward Community College
Appointment
June 1, 2008 – May 31, 2011

COX, HELEN $12,500 per month.
Chancellor
Kaua‘i Community College
Appointment
August 12, 2008 – August 11, 2011

PEDERSON, RAMSEY R. $5,128.80 per month.
Chancellor
Honolulu Community College
Incentive Early Retirement Appointment
July 1, 2008 – June 30, 2009
ROTA, MICHAEL T. $14,018 per month.
Interim Chancellor
Honolulu Community College
Appointment
July 1, 2008 – August 31, 2009
or unless sooner relieved.

Professor or equivalent

AKI, JESSIE L.
Professor, CC, C5
Cosmetology
Honolulu Community College
Promotion
August 1, 2008

FRIED, JAN L.
Professor, CC, C5
Non-Credit
Kapi'olani Community College
Promotion
August 1, 2008

HARADA, GAIL N.
Professor, CC, C5
English
Kapi'olani Community College
Promotion
August 1, 2008

KATSUTANI, MICHELE A.
Professor, CC, C5
Counseling
Maui Community College
Promotion
August 1, 2008

LOCOCO, PAUL, JR.
Professor, CC, C5
History
Leeward Community College
Promotion
August 1, 2008

MATSUOKA, ERIC T.
Professor, CC, C5
Mathematics
Leeward Community College
Promotion
August 1, 2008
MORAVCIK, EVA R.
Professor, CC, C5
Human Services
Honolulu Community College
Promotion
August 1, 2008

NEILS, PATRICIA C.
Professor, CC, C5
History
Leeward Community College
Promotion
August 1, 2008

POOLE, RICHARD J.
Professor, CC, C5
Information and Computer Science
Honolulu Community College
Promotion
August 1, 2008

TERAOKA, WESLEY
Professor, CC, C5
Geography
Leeward Community College
Promotion
August 1, 2008

TOLLIVER, DOROTHY
Professor, CC, C5
Library
Maui Community College
Promotion
August 1, 2008

UMEHIRA, RONNY T.
Professor, CC, C5
Hotel Operations
Kapi'olani Community College
Promotion
August 1, 2008

WILLIAMSON, GAILLYNN M.
Professor, CC, C5
Philosophy
Leeward Community College
Promotion
August 1, 2008
Associate Professor or equivalent

AIU, DANNY
Associate Professor, CC, C4
Sheet Metal & Plastics
Honolulu Community College
Promotion
August 1, 2008

BERNER, ANN C.
Associate Professor, CC, C4
English
Leeward Community College
Promotion
August 1, 2008

CHUN, LEANNE Y.
Associate Professor, CC, C4
Educational Media Center
Leeward Community College
Promotion
August 1, 2008

COHEN, DENISE L.
Associate Professor, CC, C4
Nursing
Maui Community College
Promotion
August 1, 2008

COLEMENARES, LETICIA U.
Associate Professor, CC, C4
Chemistry
Windward Community College
Promotion
August 1, 2008

DENTON, ERIC A.
Associate Professor, CC, C4
Philosophy
Kapi'olani Community College
Promotion
August 1, 2008

FOREMAN, CYNTHIA L.
Associate Professor, CC, C4
Humanities
Maui Community College
Promotion
August 1, 2008
FUCHINO-NISHIDA, SHERYL M.
Associate Professor, CC, C4
Food Service
Kapi‘olani Community College
Promotion
August 1, 2008

KATAOKA, YUKIO
Associate Professor, CC, C4
Language Arts
Kapi‘olani Community College
Promotion
August 1, 2008

KOTECKI, KATHLEEN J.
Associate Professor, CC, C4
Nursing
Hawai‘i Community College
Promotion
August 1, 2008

KUNIMUNE, DELLA A.
Associate Professor, CC, C4
Accounting
Leeward Community College
Promotion
August 1, 2008

LARISH, MICHAEL D.
Associate Professor, CC, C4
English
Hawai‘i Community College
Promotion
August 1, 2008

LAYCOCK, STEVEN W.
Associate Professor, CC, C4
Philosophy
Leeward Community College
Promotion
August 1, 2008

LEE, FEMAR R.
Associate Professor, CC, C4
Learning Resources
Honolulu Community College
Promotion
August 1, 2008

NISHIKAWA, RAE R.
Associate Professor, CC, C4
Accounting
Kaua‘i Community College
Promotion
August 1, 2008
NEKOBA, GORDON M.
Associate Professor, CC, C4
Voc. Tech. – Carpentry
Hawai‘i Community College
Promotion
August 1, 2008

NULLET, DENNIS M.
Associate Professor, CC, C4
Geography
Kapi‘olani Community College
Promotion
August 1, 2008

PATTERSON, PATRICK M.
Associate Professor, CC, C4
History
Honolulu Community College
Promotion
August 1, 2008

PERREIRA, ROSEMARY J.
Associate Professor, CC, C4
Nursing
Maui Community College
Promotion
August 1, 2008

ROSS, AULII-ANN P.
Associate Professor, CC, C4
Counseling
Leeward Community College
Promotion
August 1, 2008

SAVIANO, JERRY D.
Associate Professor, CC, C4
English
Honolulu Community College
Promotion
August 1, 2008

SEVERNS, TARA T. L.
Associate Professor, CC, C4
Library
Windward Community College
Promotion
August 1, 2008

TEMPLETON, MARGARET A.
Associate Professor, CC, C4
Counseling
Honolulu Community College
Promotion
August 1, 2008
TSUCHIYAMA, ALAN T.  
Associate Professor, CC, C4  
Food Service  
Kapi'olani Community College  
Promotion  
August 1, 2008

UYEDA, JEFFREY H.  
Associate Professor, CC, C4  
Carpentry  
Honolulu Community College  
Promotion  
August 1, 2008

WOOD, SUSAN M. H.  
Associate Professor, CC, C4  
English  
Leeward Community College  
Promotion  
August 1, 2008

Assistant Professor or equivalent

BARONE, MARGARET A.  
Assistant Professor, CC, C3  
Nursing  
Kapi'olani Community College  
Award Tenure and Promotion  
August 1, 2008

BRANSON, CANDY L.  
Assistant Professor, CC, C3  
Social Sciences  
Kapi'olani Community College  
Award Tenure and Promotion  
August 1, 2008

BUSH, AARON C.  
Assistant Professor, CC, C3  
Natural Science  
Leeward Community College  
Award Tenure and Promotion  
August 1, 2008

CONSTANTINO, JOHN  
Assistant Professor, CC, C3  
Counseling  
Kaua'i Community College  
Award Tenure and Promotion  
August 1, 2008
DUNAN, SALLY E.
Assistant Professor, CC, C3
Engineering Technology
Honolulu Community College
Award Tenure and Promotion
August 1, 2008

FRANCL, MARY E.
Assistant Professor, CC, C3
Nursing
Maui Community College
Award Tenure and Promotion
August 1, 2008

HIRAOKA, CAROL K.
Assistant Professor, CC, C3
Mathematics
Honolulu Community College
Award Tenure and Promotion
August 1, 2008

KALEI, DONNALYN N.
Assistant Professor, CC, C3
Administration of Justice
Hawai‘i Community College
Award Tenure and Promotion
August 1, 2008

KANE, KAREN S.
Assistant Professor, CC, C3
Counseling
Hawai‘i Community College
Award Tenure and Promotion
August 1, 2008

KANIHO, JESSICA M.
Assistant Professor, CC, C3
Cosmetology
Honolulu Community College
Award Tenure and Promotion
August 1, 2008

KINNINGHAM, RUSSELL D.
Assistant Professor, CC, C3
Nursing
Kapi‘olani Community College
Award Tenure and Promotion
August 1, 2008

KWOK, SIU LUNG
Assistant Professor, CC, C3
Natural Science
Leeward Community College
Award Tenure and Promotion
August 1, 2008
KWON, BRENDA L.
Assistant Professor, CC, C3
Language Arts
Honolulu Community College
Award Tenure and Promotion
August 1, 2008

LANE, MICHAEL E., III
Assistant Professor, CC, C3
Oceanography
Leeward Community College
Award Tenure and Promotion
August 1, 2008

MAGNUSSSEN, SANDRA S. U.
Assistant Professor, CC, C3
Kaua‘i Community College
Award Tenure and Promotion
August 1, 2008

MCGRATH, PATRICIA M.
Assistant Professor, CC, C3
English
Kaua‘i Community College
Award Tenure and Promotion
August 1, 2008

MOENG, ROBERT S.
Assistant Professor, CC, C3
Biology/Zoology
Kapi‘olani Community College
Award Tenure
August 1, 2008

RISELEY, IAN M.
Assistant Professor, CC, C3
Food Service
Leeward Community College
Award Tenure and Promotion
August 1, 2008

ROSADO, JULIETA M.
Assistant Professor, CC, C3
Nursing
Kapi‘olani Community College
Award Tenure and Promotion
August 1, 2008

SAGLIANO, JULIA P.
Assistant Professor, CC, C3
Language Arts, ESL
Leeward Community College
Award Tenure and Promotion
August 1, 2008
SCANLAN, LAVACHE
Assistant Professor, CC, C3
Developmental Math/Learning Resources
Kapi'olani Community College
Award Tenure and Promotion
August 1, 2008

SHIMABUKURO LEE, JAN M.
Assistant Professor, CC, C3
Counseling
Leeward Community College
Award Tenure and Promotion
August 1, 2008

TASAKA, TRIXY IWALANI KOIDE
Assistant Professor, CC, C3
Language Arts
Kapi'olani Community College
Award Tenure
August 1, 2008

YAGODICH, FRANK J., III
Assistant Professor, CC, C3
Non-Credit
Kapi'olani Community College
Award Tenure and Promotion
August 1, 2008

Emeritus

UCHIDA, SUSAN L.
Professor, C5
Kaua'i Community College
Upon Board Approval

Recommendation: That the Board approve the personnel actions as recommended.

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David McClain
President