Gifts, Grants, and Contracts for June 2009

The following gifts, grants and contracts received by all campuses during the period June 1, 2009 through June 30, 2009 total $54,541,058.

This report is also available for viewing at: http://www.hawaii.edu/ors/Board_Reports.htm

Research

DA-Dept of Agriculture

Agriculture, Dept - FED

Value-added Products and Postharvest Treatments Development for Hawaii
Andrew G Hashimoto, College of Tropical Agriculture and Human Resources
Developing innovative agricultural processes, including value-added biobased products, including bio-based fuels, novel postharvest technologies, marketing strategies, and appropriate training, that will expand and diversify Hawaii’s agriculture and boost exports.

Agriculture, Dept - FED

Hawaii Experimental Tropical Forest
David C Duffy, Department of Botany
Build research expertise and infrastructure at the newly established Hawaii Experimental Tropical Forest to help enhance the capabilities to conduct research in watershed science, silviculture, restoration ecology, wetlands biology and other disciplines in the Forest.

Agriculture, Dept - FED

Surveys of Invasive Alien Species of Terrestrial Snails and Slugs in Hawaii, Especially Those of Horticulture Concern
Robert H Cowie, Pacific Biosciences Research Center
Survey alien snails and slugs in Hawaii, focusing on lowland areas distributed by human activities, and on higher elevation more pristine habitats, in order to ascertain the identity and distribution of the species present, which and how many of them have spread from the presumed horticultural facilities from which they originated.

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Natl Inst of Health (NIH)

COBRE: Center for Cardiovascular Research
Ralph Victor Shohet, Department of Medicine
This supplement is to expand the educational initiatives of the parent grant through the development of online training modules.

Health & Human Svc, Dept - Natl Inst of Health (NIH)

Institute for Biogenesis Research: COBRE
William S Ward, Dept Anatomy, Biochemistry, Physiology and Reproductive Biol
Develop the existing Institute for Biogenesis Research into a multi-disciplinary research center for reproductive biology research.

Health & Human Svc, Dept - Natl Inst of Health (NIH)

Transcriptional and Physiological Analysis of Cardiac HIF-1
Ralph Victor Shohet, Department of Medicine
We will identify the immediate downstream targets of HIF-1 transcriptional activation in vivo; measure the contribution of carbohydrates, long chain fatty acids and other substrates to energy production in the heart with HIF-1 over expression, define the angiogenic effects of HIF-1 over expression in the heart.

Health & Human Svc, Dept - Natl Inst of Health (NIH)

Cancer Research Center of Hawaii
Michele Carbone, Cancer Research Center
Assess current informatics systems at CRCH and develop an implementation plan for adopting in the three caBIG software bundles.
Gifts, Grants, and Contracts for June 2009

Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Natl Inst of Health (NIH) - $591,628
Malarial Immunity in Pregnant Cameroonian Women
Diane W. Taylor - Dept of Trop Med, Medical Microbiology and Pharmacology
The study evaluates the influence of an antimalarial drug on the immune response of pregnant Cameroonian women to malaria. Specifically, it will determine if treatment decreases immunity that aids in eliminating parasite from the placenta, pathology associated with low birthweight babies, and alters immunity to malaria in babies.

Health & Human Svc, Dept/NIH - Natl Cancer Institute - $258,798
Regulation of Tumor Promotion by RasGRP1
Patricia S. Lorenzo - Cancer Research Center
To investigate the mechanisms of RasGRP1 participation in skin carcinogenesis and the cooperation with oncogenic Ras.

Health & Human Svc, Dept/NIH - Natl Cancer Institute - $214,682
Role of Polyamines in MYCN-Amplified Neuroblastoma
Andre S. Bachmann - Cancer Research Center
Ornithine decarboxylase (ODC) is a key enzyme in polyamine biosynthesis, and elevation of polyamines can lead to uncontrolled cancer growth. ODC is a transcriptional target of MYCN, which often is amplified in neuroblastoma.

Health & Human Svc, Dept/NIH - Natl Cancer Institute - $304,481
Neuroimaging to Assess the Effects of Therapy in Children with Acute Lymphoblastic Leukemia
Bruce T Shiramizu - Department of Pediatrics
The objective is to understand the effects of chemotherapy on the brain in children diagnosed with leukemia using sensitive magnetic resonance imaging techniques.

Health & Human Svc, Dept/NIH - Natl Cancer Institute - $559,073
Hawaii Minority-Based CCOP
Jonathan Cho - Cancer Research Center
Working through Hawaii community physicians and hospitals in the absence of a University hospital or Outpatient Clinic for treatment patients, this award makes National Cancer Institute-funded treatment and prevention studies available to Hawaii cancer patients and individuals at high-risk for developing cancer.

Health & Human Svc, Dept/NIH - Natl Ctr on Minority Hlth & Hlth Disprty - $1,443,422
Partnerships for Cardiometabolic Disparities in Native and Pacific Peoples
Marjorie K H Mau - Department of Native Hawaiian Health
Additional requested funds.

Health & Human Svc, Dept/NIH - Natl Ctr on Minority Hlth & Hlth Disprty - $416,651
Partnerships for Cardiometabolic Disparities in Native and Pacific Peoples
Marjorie K H Mau - Department of Native Hawaiian Health
Additional requested funds.
Gifts, Grants, and Contracts for June 2009

Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept/NIH - Natl Ctr on Minority Hlth & Hlth Disprty
Partnerships for Cardiometabolic Disparities in Native and Pacific Peoples
Marjorie K H Mau Department of Native Hawaiian Health
Additional requested funds.

Health & Human Svc, Dept/NIH - Natl Inst of Allergy & Infectious Dis
Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms
Mariana Gerschenson John A. Burns 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.

Health & Human Svc, Dept/NIH - Natl Inst of Nursing Rsch
Center for ‘Ohana and Self-Management of Chronic Illnesses in Hawaii (COSMCI): Building Research Teams for the Future
Jillian Inouye Department of Nursing
To establish a Center for ‘Ohana and Self-Management of Chronic Illnesses in Hawaii (COSMCI) whose vision is to understand, develop, and test family, community, and culturally appropriate interventions to enhance ‘ohana and self-management techniques that will reduce health disparities in diverse groups with chronic illnesses.

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)
Measurement and Parameterization of Air-Sea DMS Transfer over the Southern Ocean in GasEx-III
Barry J Huebert Department of Oceanography
We propose to use our new method for measuring the rate at which the ocean absorbs and emits DMS gas, which is emitted by ocean algae and controls the whiteness of clouds. We will deploy this method on the NOAA ship Ronald H. Brown as part of the GasEx-III program.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)
Evaluation and Improvement of NOAA Climate GCM Air-Sea Interaction Physics: An EPIC/VOCALS Synthesis Project
Yuqing Wang Joint Institute for Marine and Atmospheric Research
This is a proposal for a joint NOAA/ESRL and University of Hawaii effort to synthesize recent CPPA-funded research to promote its application in the NOAA Coupled Forecasting System (CFS) model. Our plan is to work within the Climate Testbed structure with NOAA scientists involved with CFS.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)
An Exploratory Application of Agent Based Modeling for Policy Evaluations in Hawaii’s Longline Fishery
Ping Sun Leung Department of Molecular Biosciences and Bioengineering
This research attempts to explore the use of Agent-Based Model as a flexible and comprehensive alternative for the analysis of fishers' responses to alternative fishery policies, using Hawaii's longline fishery as an illustrative example.
Gifts, Grants, and Contracts for June 2009

Research

DOD-Department of Defense

Defense, Dept - Office of Naval Research $50,000
Integration of Seakeeping Capability in the Coastal and Ocean Modeling System through Google Map API
Kwok Fai Cheung Department of Ocean and Resources Engineering
Integration of seakeeping capability in the coastal and ocean modeling system through google map API.

Federal Agencies

Homeland Security, Dept - FED $2,100,000
The National Center for Island, Maritime and Extreme Environment Security (CIMES)
James R Gaines Vice President for Research
The goal of this Center of Excellence is to develop leading-edge, multi-institutional, focused education and basic research program capable of delivering the scientific advances necessary to permit revolutionary improvements in America’s ability to protect its citizens, infrastructure, economy, and environment in the Maritime, Remote Island, and Extreme Environment domain.

Foreign

Academy of Korean Studies $23,890
Korean Civil Society and Re-emergence of Historical Memories
Jungmin Seo Department of Political Science
Producing quantitative and qualitative database on history-issue focused Korean civil society organizations and finding out the causal relationship between the growth of Korean civil society and the re-emergence of historical memories in Korea and international realm.

Japan Agency for Marine-Earth Science & Tech (JAMSTEC) $2,246,000
JAMSTEC Year 13
Kevin P Hamilton Department of Meteorology
Provide an international research environment dedicated to improving understanding of the nature and predictability of climate variability in the Asia-Pacific sector, including influences of global environmental change within the region.

Hawaii- Business and Other

Referentia Systems, Inc $10,000
Distributed Simulation Tools to Enhance Naval and Joint Capabilities
Gurdal Arslan Department of Electrical Engineering
We propose to determine and assess the expected performance of algorithms in a given problem.

Research Corporation, University of Hawaii $43,114
Exploration of the Northwestern Hawaiian Island's Deep-Sea Fauna and Habitats Using Baited Cameras
Jeffrey C Drazen Department of Oceanography
We propose to describe the deep-sea fauna of the northwestern Hawaiian Islands using baited traps and cameras from ~500-4000 meters depth.
Gifts, Grants, and Contracts for June 2009

Research

Hawaii- Business and Other

Sunfuels Hawaii LLC

NSF Center for Bioenergy Research & Development -- SunFuels Hawaii LLC Membership
Scott Q Turn Hawaii Natural Energy Institute
SunFuels Hawaii LLC is paying for a membership in the University of Hawaii site of the NSF supported Center for Bioenergy Research & Development

Hawaii- Government Agencies

Business, Econ Dev & Tourism, Dept (DBEDT) - HI $1,200,000

Hawaii Hydrogen Power Park - Technology Validation of a Hydrogen Fueling Station
Richard E Rocheleau Hawaii Natural Energy Institute
Procure, install, commission, and conduct engineering and economic analysis of a hydrogen fueling station located at the Hawaii Gateway Energy Center at NELHA.

Business, Econ Dev & Tourism, Dept (DBEDT) - HI $1,459,000

Ocean Floor Survey for Interisland Power Cable
Brian Taylor School of Ocean and Earth Science and Technology
Ocean floor survey for interisland power cable to link Oahu and Maui County.

City & County of Honolulu $24,850

Biological & Habitat Assessment of Palolo Stream Oahu
Michael H Kido Pacific Biosciences Research Center
To conduct a detailed biological and habitat assessment evaluating the biological integrity of the stream as well as the condition of the habitat of the Palolo Stream (Oahu) for the City and County of Honolulu (Environmental Services Division).

County of Kauai $50,000

Air Sampling and Analysis for Pesticides Residues and Odorous Chemicals in the Air in the Waimea Areas, Kauai
Qingxiao Li Department of Molecular Biosciences and Bioengineering
The purpose of this project is to analyze what chemicals (i.e., organic substances) are present in the ambient air in Waimea, Kauai and study what chemicals may cause health problems (exposure to people) if any.

County of Maui $37,500

Kihei Coastline Mapping Project
Charles H Fletcher Department of Geology and Geophysics
Update the Maui Shoreline Atlas database for the Kihei-Makena Community Plan Areas and use newly calculated rates of shoreline change to identify the coastal erosion hazard zone for the year 2030.

Defense, Dept - Hawaii Army National Guard-HI $31,900

Underage Drinking Social Marketing Campaign
Stefan Keller Department of Public Health Sciences and Epidemiology
Dr. Keller will be involved in creating an evaluation plan, developing survey and focus group instruments, consulting during data collection, performing data analysis, authoring of final report and peer reviewed publications.
Gifts, Grants, and Contracts for June 2009

Research

Hawaii- Government Agencies

Hawaiian Affairs, Office of-HI

The Study of Disparate Treatment of Native Hawaiians in the Criminal Justice System (Quantitative Methods)
James Spencer Department of Urban and Regional Planning
The project will conduct a study of secondary data on the disproportionate representation of Native Hawaiians int he Hawaii criminal justice system.

Health, Dept - HI

Social Epidemiology Project/Epidemiologic Research Relating to Public Health
Jason E. Maddock Office of Public Health Studies
This project provides evaluation and research support to the Healthy Hawaii Initiative.

Health, Dept - HI

Evaluation of State/Tribal Youth Suicide Prevention Grant
Judith K Inazu Social Science Research Institute
Evaluate youth suicide prevention initiative under the direction of the Hawaii State Department of Health.

Health, Dept - HI

Hawaii Physical Activity and Nutrition Coalition
Jason E. Maddock Office of Public Health Studies
This project will develop and maintain a coalition to increase physical activity and improve nutrition in the state of Hawaii.

Land & Natural Res, Dept - Div of Aquatic Resources-HI

Evaluating the Effectiveness of Restricted Fishing Areas for Improving the Bottomfish Fishery in the Main Hawaiian Islands
Jeffrey C Drazen Department of Oceanography
To evaluate the effectiveness of restricted fishing areas for improving the bottomfish fishery in the main Hawaiian Islands.

Land & Natural Res, Dept - HI

Cooperative Administration of FADs
Kim N Holland Hawaii Institute of Marine Biology
Maintain the network of fish aggregation devices (FADs) around the Hawaiian Islands, promote dialogue with user community and facilitate appropriate collaborative research.

Land & Natural Res, Dept - HI

Plant Restoration and Enhancement, Micropropagation/Storage, Oahu EPRE 3
Nellie C Sugii Lyon Aboretum
Continue tissue culture propagation and storage of the critically endangered Hawaiian plants.

Land & Natural Res, Dept - HI

Kauai Lagoons Nene Translocation Project
David C Duffy Department of Botany
Develop, implement, and evaluate translocation techniques for nene goose populations from sites where they are in conflict with humans to more suitable habitats.
Gifts, Grants, and Contracts for June 2009

Research

Hawaii- Government Agencies

Land & Natural Res, Dept - HI $20,000
Assessment of Coral and Fish Disease in Three Priority Watersheds in Relationship to Land-Based Pollution Loads
Carl I Evensen Department of Natural Resources and Environmental Management
We propose to examine the occurrence of coral and fish disease in relation to land-based pollutants including sediment and waste-water loads in three priority coral reef Land-Based Pollution Local Action Strategy (CRLBPLAS) watersheds.

Land & Natural Res, Dept - HI $65,000
Development of a Hawaii Statewide Assessment of Forest Conditions and Statewide Resource Strategy (HI-SWARS)
David C Duffy Department of Botany
Develop an assessment of Hawaii forest conditions and a statewide resource strategy.

Land & Natural Res, Dept - HI $38,000
Plant Restoration and Enhancement, Micropropagation/Storage, Oahu EPRE 3
Nellie C Sugii Lyon Aboretum
Continue tissue culture propagation and storage of the critically endangered Hawaiian plants.

Land & Natural Res, Dept - HI $75,000
Landowner Assistance Program for Endangered Species Protection
David C Duffy Department of Botany
Provide conservation expertise to landowners on all aspects of assistance programs for endangered species protection, and assist in development of plans and agreements.

Transportation, Dept - HI $10,000
National Register Nomination for Hamakua Trestle Bridges
Spencer Leineweber School of Architecture
Research and Write National Register of Historic Places Form for Six Steel and Concrete Bridges along the Hamakua Coast.

Hawaii- Health Organizations

Kaiser Permanente - HI $52,246
Hawaii Family DASH
Claudio R Nigg Office of Public Health Studies
This is a subcontract for the physical activity intervention and assessment portion and the data analysis for a project addressing childhood obesity through the physician and at home.

Hawaii- Non-Profit Organizations

HCF-Medical Research Funds $50,000
Recombinant Oligomeric Antimicrobial Peptides with Enhanced Activities
Wei-Wen Winston Su Department of Molecular Biosciences and Bioengineering
Develop recombinant antimicrobial peptides and examine their activities, to establish more effective antimicrobial peptides.
Gifts, Grants, and Contracts for June 2009

Research

Hawaii- Non-Profit Organizations

HCF-Medical Research Funds
A Novel Model of Molecular CCK-CRF Interaction in Anxiety
Cedomir Todorovic John A. Burns School of Medicine
Anxiety disorders are on the increase in the state of Hawaii and it is important to understand the biological mechanisms of these disorders to aid pharmacological intervention. This project targets molecular candidates involved in the crosstalk between Cholecystokinin and Corticotropin releasing factor and their role in anxiety disorders.

HCF-Medical Research Funds
RSK2 Modulates Cell Adhesion
Joe William Ramos Cancer Research Center
We have that the protein RSK2 modulates cell adhesion. We propose to determine the molecular mechanism for this function.

Hawaii Community Foundation (HCF)
Stroke and Functional Impairment Among Demented Elderly Nursing Home Patients in Hawaii
Christina Bell Department of Geriatric Medicine
Retrospective cohort study to compare two groups: those with dementia and cerebrovascular disease, and those with dementia without cerebrovascular disease. Prevalence of dementia with cerebrovascular disease, risk factors, mortality rates, feeding dependence, functional status, and pneumonia will be compared.

Hawaii Community Foundation (HCF)
The Role of the Novel TRPM2 Calcium Permeable Ion Channel in Beta Cell Death
John G Starkus Pacific Biosciences Research Center
The proposal aims to study how the ion channel TRPM2 may be involved in the autoimmune disease of Type 1 diabetes or juvenile diabetes.

Hui Malama i ke Kai Foundation

Hui Malama o ke Kai
Angela Sy Department of Public Health Sciences and Epidemiology
Collect and analyze data on program activities for the Hui Malama o ke Kai program and provide other evaluation research support as needed.

Lyman House Museum
Design Plan for the Restoration the Annex Addition at the Lyman House
Spencer Leineweber School of Architecture
The purpose of the Design Plan will be to understanding the construction and former layout of the addition, called the Annex, used by Father Lyman as an office for the Hilo Boarding School and as well as a barter room for the storage and exchange of material goods with the Native Hawaiians.

University of Hawaii Foundation
CRCH Traineeship
Michele Carbone Cancer Research Center
Support of CRCH activity: 2008 Meiji Yasuda summer research fellowships.
Gifts, Grants, and Contracts for June 2009

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation
Philosophy for Children Research Associate
Thomas E Jackson
Department of Philosophy
The Philosophy for Children Research Associate will gather data and conduct research on the effectiveness of a proposed "Philosopher in Residence" initiative at two public schools in Hawaii.

University of Hawaii Foundation
Design of a Continuous Flow Microwave Pasteurizer
Soojin Jun
Department of Human Nutrition, Food and Animal Sciences
Develop a pilot scale continuous flow microwave pasteurizer intensified with lethal wave functions. Dr. Jun will spend his one summer month to complete the system design and optimization in terms of food quality and safety.

Mainland- Business and Other

Agriculture, Dept - Agricultural Research Svc-FED
Integrated Management Strategies for Invasive Social Insects in Hawaii and the Pacific Basin
Jack Kenneth Grace
Department of Plant and Environmental Protection Sciences
Actively engage in independent research in IPM of urban pests and social insects such as fire ants, pest ants, subterranean termites and drywood termites. Evaluate effects of wood preservatives in preventing termite damage in Hawaii and the Pacific. Develop monitoring tools for invasive termite and ants.

BioLargo, Inc.
Evaluation of CupriDyne to Mitigate Microbial Contamination of Beach Sand
Roger S Fujioka
Water Resources Research Center
To determine whether addition of selective acids to CupriDyne reagent will enhance the disinfection of microorganisms in sand, which have become resistant to disinfection by adsorbing on to particulate matter or becoming part of biofilm.

Concurrent Technologies Corp
Hawaii Underwater Chemical Munitions Survey Plan
Vassilis L Syrmos
Vice Chancellor for Research and Graduate Education
To survey the Hawaiian Waters for Chemical Munitions.

GlaxoSmithKline
A Randomized, Double-Blind, Parallel-Group, Multicenter Study to Determine the Efficacy and Long-Term Safety of Albiglutide Compared with Insulin in Sub...
Richard F Arakaki
Department of Medicine
This study will evaluate the efficacy and long-term safety of a weekly injected dose of albiglutide as compared with insulin (insulin glargine) in subjects with inadequately controlled type 2 diabetes using only metformin or metformin + sulfonlyurea.

GlaxoSmithKline
A Randomized, Double-Blind, Placebo- and Active-Controlled, Parallel-Group, Multicenter Study to Determine the Efficacy and Safety of Albiglutide When...
Richard F Arakaki
Department of Medicine
This study will evaluate the efficacy and safety of a weekly injected dose of albiglutide administered in combination with metformin as compared with metformin + sitagliptin, metformin + glimepiride, or metformin + placebo in subjects with inadequately controlled type 2 diabetes using only metformin.
Gifts, Grants, and Contracts for June 2009

Research

Mainland- Business and Other

GlaxoSmithKline $10,155
A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter Study to Determine the Efficacy and Safety of Two Dose Levels of Albiglutide...
Richard F Arakaki Department of Medicine
This study will evaluate the efficacy and safety of two dose levels of a weekly injected Albiglutide compared with placebo for subjects with inadequately controlled type 2 diabetes who are on a regimen of diet & exercise and have received less than 7 contiguous days of antidiabetic treatment within 3 months of screening.

GlaxoSmithKline $9,255
A Randomized, Double-Blind, Placebo- and Active Controlled, Parallel-Group, Multicenter Study to Determine the Efficacy and Safety of Albiglutide Admi...
Richard F Arakaki Department of Medicine
This study will evaluate the efficacy and safety of two dose levels of a weekly injected Albiglutide in combination with metformin + glimepiride compared with metformin + glimepiride + placebo and metformin + glimepiride + pioglitazone in subjects with type 2 diabetes.

Jet Propulsion Lab $18,400
Deep IRAC/MIPS Photometry of Candidate Young Planetary Mass Objects
Michael C Liu Institute for Astronomy
We propose to map a 0.7 sq deg area of the Ophiuchus Cloud to very deep levels with IRACS and PIMPS to identify a robust sample of young, planetary mass objects from a set of 39 candidates.

Jet Propulsion Lab $50,000
A Complete Census of Star-formation/AGN Activity in a z-0.14 "Proto-cluster"
Glenn Morrison Institute for Astronomy
We propose deep, wide-field observations of one of the richest, developing filamentary-type clusters in the nearby universe for the purpose of measuring galaxy activity and answering questions about galaxy activity and galaxy density.

Jet Propulsion Lab $50,000
The IRAC-ORELSE Survey
Roy Gal Institute for Astronomy
Survey the universe with Observation of Redshift Evolution in Large Scale Environments to characterize galaxy evolutions.

Jet Propulsion Lab $15,000
Precision Tests of Ultracool Dwarf Atmospheric Models
Michael C Liu Institute for Astronomy
We will test current theoretical models of substellar atmospheres and evolution using brown dwarfs that are companions to main-sequence stars, where there are independent determinations of the ages and metallicities.

Novartis Pharmaceuticals Corp $16,904
CHCH 0803: Novartis Protocol No. ASA404A2301, Phase III, Randomized, Double-Blind, Placebo-Controlled Multi-Center Study of ASA404 in Combination...
Jonathan Cho Cancer Research Center
Cancer patients are referred to the study and will have their medical records reviewed by a Clinical Research Associate (CRA), who will review eligibility criteria to determine patient eligibility. The CRA will assist the project in consenting patients, patient registrations, specimen submissions, and submitting all treatment and follow-up data to sponsor.
Gifts, Grants, and Contracts for June 2009

Research

Mainland- Business and Other

Research Corporation for Science Advancement $42,056
Extinction & Star Formation Rates in Nearby Galaxies
Marianne Takamiya Astronomy-UHH
Calibrate the star formation rate determined from Ha in nearby galaxies relative to radio and infrared emission

Social & Scientific Systems, Inc $1,298
Protocol ACTG 5073(v.2.0, dated 10/2/02): A Randomized, Phase II, Open Label Study to Compare Twice Daily and Once Daily Potent Antiretroviral Therapy
Cecilia M Shikuma John A. Burns School of Medicine
Recruited, screened, enrolled and monitored subjects on a drug study. One subject was seen in clinic daily, M-F, for 6 months as a part of the study. Funds were awarded to our site for successful completion of the subject on the study

Space Telescope Science Institute $81,730
Determining the Physical Properties of Comet 103P/Hartley 2 in Support of NASA's EPOXI Mission
Karen J Meech Institute for Astronomy--Director
Characterize the shape, size, and rotation period of the nucleus of comet 103P/Hartley 2.

TEC, Inc $96,335
Assessment of the Benthic Marine Habitat in the Vicinity of the CVN Project, Outer Apra harbor, Guam
Steven J Dollar School of Ocean and Earth Science and Technology
This project will provide a comprehensive assessment of the benthic marine habitat in the area that will be subjected to dredging in order to accommodate the safe passage of Aircraft Carriers into Apra Harbor Guam. Data generated by this project will serve as input for determining potential impacts and mitigation for the activity.

University Corporation for Atmospheric Research $11,962
High-Resolution Weather Modeling to Improve Local Weather Forecasts over the Hawaiian Island
Yi-Leng Chen Department of Meteorology
In this project, we would like to refine our daily high-resolution model runs, continue to provide daily high-resolution model daily forecasts to NWS Honolulu, and construct high resolution climatology for non-trade wind cases using model archives.

University Corporation for Atmospheric Research $11,913
Validation of the High-Resolution WRF-NMM/LSM over the Hawaiian Island
Yi-Leng Chen Department of Meteorology
1. To upgrade our WRF-NMM runs using WRF-NMM version 3 with two-way nesting procedures. 2. To improve the land surface properties for the Hawaiian Island. 3. The evaluation of model performance.

Mainland- Non-Profit Organizations

National Fish and Wildlife Foundation $87,500
Pinpointing Pollution Sources in Maunalua Bay (#2008-0061-016)
Robert H Richmond Pacific Biosciences Research Center
Perform research in support of Malama Maunalua and state and federal agencies' efforts to reduce anthropogenic stressors affecting the oral reef communities in Manaulua Bay.
Gifts, Grants, and Contracts for June 2009

Research

Mainland- Non-Profit Organizations

National Marine Sanctuary Foundation

- A Study to Determine the Underwater Noise Levels Associated with Pile Driving Operations off Kihei, Maui
  - Whitlow W L Au
  - Hawaii Institute of Marine Biology
  - Measure underwater sounds in Humpback Whale Sanctuary created by pile driving operations at the HHIWS office in Kihei, Maui

National Aeronautics and Space Administration

- Water and Habitable Worlds
  - 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.

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- The Detailed Thermal Structure of Active Lava Bodies Revealed by the Earth Observing-1 Hyperion
  - Robert Wright
  - Hawaii Institute of Geophysics and Planetology
Gifts, Grants, and Contracts for June 2009

Research

National Aeronautics and Space Administration

Analysis of hyperspectral satellite data of active lava flows using an experimental NASA satellite; application of the results to lava flow modeling.

National Aeronautics & Space Administration $102,986
Assessment of Lunar Resources: Using Targeted Observations of Mini-RF in Conjunction with Data from LROC, LEND, DLRE, LOLA, and LAMP
Jeffrey Gillis-Davis Hawaii Institute of Geophysics and Planetology
The proposed work will create a list of lunar geologic features to target with the Lunar Reconnaissance Orbiter mini radar. Data will be acquired of basalt flows of varying titanium content and lunar pyroclastic deposits to investigate the resource potential of these two types of deposits.

National Aeronautics & Space Administration $127,652
LRO Mission Participation: Mineral Mapping With Diviner and LOLA
Paul Lucey Hawaii Institute of Geophysics and Planetology
The project funds the participation of Paul G. Lucey in the Lunar Reconnaissance Orbiter Mission to the Moon.

National Aeronautics & Space Administration $103,721
An Investigation of Lunar Dark Mantle Deposits using LROC Data
Bernard Ray Hawke Hawaii Institute of Geophysics and Planetology
This is a proposal to be a Lunar Reconnaissance Orbiter Participating Scientist.

National Aeronautics & Space Administration $57,555
Regional Planetary Image Center
Bernard Ray Hawke Hawaii Institute of Geophysics and Planetology
This is a proposal for the continued support of the Pacific Regional Planetary Image Facility at the University of Hawaii. Continued support is needed for the development and operations of the center.

National Aeronautics & Space Administration $116,864
Combined Raman, Fluorescence, and Lidar Multi-Sensors (RFLMS) for Remote Mineralogical, Biological and Planetary Atmospheric Exploration
Shiv K Sharma Hawaii Institute of Geophysics and Planetology
This project is focused on developing a combined Raman and laser-induced native fluorescence spectrometer and lidar instrument for robotic and lander based exploration of Mars.

National Aeronautics & Space Administration $57,000
Chemical, Mineralogical, and Isotopic Characterization of Stardust Samples from Comet Wild 2 by Ion Microprobe and Confocal Raman Spectroscopy
Gary Robert Huss Hawaii Institute of Geophysics and Planetology
I propose to study samples returned by NASA's Stardust mission to comet Wild 2 using our new cameca ims 1280 ion microprobe and Witec Confocal Raman microscope. The results will give us a better understanding of the origin of the solar system.
Gifts, Grants, and Contracts for June 2009

Research

National Aeronautics and Space Administration

National Aeronautics & Space Administration

   Early Historic Landscapes of Cambodia's Mekong Delta
   Miriam T Stark
   Department of Anthropology

   The proposed archaeological research uses remote sensing data to study changing patterns of settlement and land-use in southern Cambodia (c. 500 BC - AD 500) from an historical ecological viewpoint. Funding is also requested to develop an integrated GIS database for heritage management and to train Cambodians to use it to manage their archaeological resources.

National Science Foundation

National Science Foundation

   Collaborative Research: Energy-efficient Communication with Optimized ECC Decoders: Connecting Algorithms and Implementations
   Aleksandar Kavcic
   Department of Electrical Engineering

   System-level optimization of power-constrained communication links such as back-planes of internet routers or wireless sensor nodes.

National Science Foundation

SpeX Upgrade for IRTF

John T Rayner
Institute for Astronomy

The objective of this proposal is to upgrade SpeX, a medium resolution spectrograph, with a higher performance infrared array and array controller. These upgrades will benefit observing programs and provide critical observing capability for the astronomical community.

National Science Foundation

GOALI: Wireless Life Monitoring Transponders

Victor Manuel Lubecke
Department of Electrical Engineering

We propose to explore wireless transponders to enhance Doppler radar sensing, by creating multi-static radar systems and by tagging subjects for identification and additional monitoring functions.

National Science Foundation

I/URC Center for Bioenergy Research and Development

Scott Q Turn
Hawaii Natural Energy Institute

Conduct bioenergy related research and development in accordance with Industry/University Cooperative Research Center program's Center for Bioenergy Research and Development.

National Science Foundation

   CAREER: The Cosmic Metallicity and Star Formation History of Galaxies
   Lisa J Kewley
   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.

National Science Foundation

Collaborative Research: Crustal Accretion and Mantle Processes Along the Subduction Influenced Eastern Lau Spreading Center

Robert A. Dunn
Department of Geology and Geophysics

Active and passive source seismic experiment along the Eastern Lau Spreading Center to image crustal and mantle structure.
Gifts, Grants, and Contracts for June 2009

Research

National Science Foundation

National Science Foundation
Understanding Paleo-Climate Tools: Effects of Carbonic Anhydrase and Mg on Oxygen Isotopes in Dissolved and Solid Carbonate
Richard E. Zeebe Department of Oceanography
Using laboratory experiments, the project results will significantly contribute to understanding tools that are widely used to reconstruct the climate of the past.

National Science Foundation
Dynamics of the Descending Branch of the Atlantic Meridional Overturning Circulation
Julian P McCreary Department of Oceanography
To understand the fundamental, 3-dimensional dynamics of the Atlantic Meridional Overturning Circulation's large-scale descending branch, including its dependence on horizontal and vertical mixing, buoyancy fluxes, winds, bottom topography and basin geometry, and southern-hemisphere forcing.

National Science Foundation
Collaborative Research: P2C2–Toward Improved Projections of the Climate Response to Anthropogenic Forcing: Combining Proxy and Instrumental Observations with an Earth System Model
Axel Timmermann Department of Oceanography
To explore the possibility for future abrupt climate change using an Earth System Model of Intermediate Complexity.

National Science Foundation
Collaborative Research: Reconstructing Deep Sea Acidification During the Paleocene-Eocene Thermal Maximum
Richard E. Zeebe Department of Oceanography
Investigate changes in past ocean chemistry in order to improve understanding and forecast of future changes.

National Science Foundation
Learning and Cognition in Honeybees
Patricia A Couvillon Pacific Biosciences Research Center
This grant proposal is for behavioral experiments with honeybees focused on short-term memory, concept learning, and relational learning.

National Science Foundation
Ecological Diversity, Systematics, and Conservation of Hawaii's Endemic Hyposmocoma
Daniel Z Rubinoff Department of Plant and Environmental Protection Sciences
A phylogenetic analysis of Hawaii's endemic aquatic and terrestrial Hyposmocoma moths based on both morphological and molecular data.

National Science Foundation
Concentration Gradients of Activator and Inhibitors of Cellular Differentiation in a Filamentous Cyanobacterium
Sean M Callahan Department of Microbiology
Characterize the mechanism of pattern formation in a multicellular cyanobacterium.
Gifts, Grants, and Contracts for June 2009

Research

National Science Foundation

National Science Foundation

DISSERTATION RESEARCH: Austral Origins and Pacific Radiations: Tracing Transitions in the Biogeography, Morphology, and Ecology of the Asteliaceae (Asparagales)
Clifford W Morden Department of Botany
The evolutionary history of the flowering plant family Asteliaceae will be investigated based on phylogenetic and biogeographic analyses. Comparative analyses will be conducted to determine traits that are correlated with long-distance dispersal. This research extends current knowledge of the generation of biodiversity in island archipelagos.

National Science Foundation

Collaborative Research: Pacific Research Center for Marine Biomedicine
Edward A Laws Department of Oceanography
The Pacific Research Center for Marine Biomedicine will continue its studies of the ways in which the ocean affects human health.

US Colleges and Universities

California Institute of Technology

NEOWISE Part II - Pan-STARRS MOPS Consulting Proposal: Consulting Support for MOPS Software integration into WSDS
Robert Jedicke Institute for Astronomy
The MOPS software engineer and manager will each provide consulting services on MOPS operations to the Infrared Processing and Analysis Center and Johns Hopkins University development teams.

California Institute of Technology

WISE (Wide-field Infrared Survey Explorer) Solar System Object IDentification (SSOID)
David J Tholen Institute for Astronomy
This project is intended to support the WISE spacecraft mission by providing a capability to identify known solar system objects in the WISE data stream.

California Irvine, University of

A Multiplex Serodiagnostic Protein Microarray
Duane Gubler Dept of Trop Med, Medical Microbiology and Pharmacology
Pathogens leave a distinct signature of infection with their hosts as a unique antibody response. We develop an "antigen" protein-based microarray to probe host sera and tissue for past infection at an extremely high pathogen-specific resolution. This will provide an important tool for elucidating the true distribution of infectious agents.

Cincinnati, University of

Food Intake and Obesity in Cloned Mice
Yukiko Yamazaki Dept Anatomy, Biochemistry, Physiology and Reproductive Biol
The major goal of this project is to examine the food intake and obesity in mice cloned from adult somatic cells.

Maryland, University of

Alliance for Coastal Technology
Marlin J Atkinson Hawaii Institute of Marine Biology
Evaluate and test sensors for monitoring coastal environment.
Gifts, Grants, and Contracts for June 2009

Research

US Colleges and Universities

New Mexico, University of

Direct and In Situ Determination of Immobilized Activity and Loading
Michael J Cooney Hawaii Natural Energy Institute
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.

Northeastern University

Cannabinergic Ligands and Drugs
Marcus A Tius Department of Chemistry
The research is a collaborative effort in which my group is responsible for the preparation of a series of small molecules to be evaluated for various pharmacological properties.

Northeastern University

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

Pittsburgh, University of

Emerging Learning and Integrated Technologies Education (ELITE) Faculty Development Program
Benjamin W Berg John A. Burns School of Medicine
Support curriculum development and delivery; develop onsite and online distance learning presentations as ELITE workshop instructional partner; coordinate activities with learning partners.

Scripps Institution of Oceanography (UC San Diego)

Taxonomically Diversified Global Census of Coral Reef Ecosystems
Thomas A Schroeder Joint Institute for Marine and Atmospheric Research
The Hawaii node plans to work with scientists and experts around the world to improve global understanding of the biological diversity of coral reef ecosystems by developing new protocols for measuring indices of biodiversity, collaborating in field sampling efforts involving understudied species, populating biodiversity databases, and conducting outreach and education.

Southern California, University of

A Multiethnic Genome Wide Scan of Prostate Cancer
Loic Le Marchand Cancer Research Center
To conduct a whole genome association study of prostate cancer among five ethnic groups to identify genetic susceptibility factors for this common cancer.

Southern California, University of

A Genome Wide Association Study of Prostate Cancer in African Americans
Loic Le Marchand Cancer Research Center
To conduct a whole genome association study of prostate cancer in African Americans to identify susceptibility factors for this disease and replicate the findings in other ethnic groups in the Multiethnic Cohort Study.

Tufts University

A Longitudinal MRS Study on HIV-Related Brain Injury
Thomas M. Ernst Department of Medicine
Gifts, Grants, and Contracts for June 2009

Research

US Colleges and Universities

We aim to use proton magnetic resonance spectroscopy (MRS) to monitor the treatment effect of HIV medications on brain injury that might have resulted from HIV infection. The subjects will be followed and evaluated at 0, 3, 6, and 9 months with MRS neuropsychological tests and spinal taps.

Subtotal: 119 Subcount: $29,385,800

Non-Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Adm for Children & Families (ACF)-FED $528,000
Pacific Basin University Centers for Excellence
Robert A Stodden Center on Disability Studies
The Pacific Basin University Center for Excellence (PBUCE) in Developmental Disabilities achieves its goals through governance, technical assistance & mentorship activities, to further develop the capacity of the Centers to fulfill the requirements of DD Act and basic management/organizational administration components.

Health & Human Svc, Dept - FED $47,671
Hawaii Medical Student Aging Research Training Center
Kamal H Masaki Department of Geriatric Medicine
Establishment of medical student aging research training center. Designed to achieve the goals of providing short term research, clinical & didactic experiences, and to expose students to career opportunities in aging related research & academic Geriatrics.

Health & Human Svc, Dept - FED $528,000
University Center for Excellence in Developmental Disabilities Education, Research & Service
Robert A Stodden Center on Disability Studies
This grant is being submitted by the UH-CDS to the Administration on Developmental Disabilities for a 5-year grant to provide support for the University Center on Excellence. This will be accomplished through interdisciplinary training, community training and service, research and evaluation, and dissemination activities.

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) $398,802
PaciOOS Regional Association Support 2008-2011
Brian Taylor School of Ocean and Earth Science and Technology
Implement ocean observing regional association.

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) $119,996
UH Manoa Marine Option Program Support
Cynthia L. Hunter Biology Program
Support UH Marine Option Program Manoa Coordinator, Student Coordinator, interisland travel (3), office supplies, and van rental for student transport to planned activities.
Gifts, Grants, and Contracts for June 2009

Non-Research

DOD-Department of Defense

Defense, Dept - Natl Security Agency

2009 STARTALK Chinese Immersion Sports Camp
Cynthia Y Ning Center for Chinese Studies
The University of Hawaii’s Center for Chinese Studies (UH-CCS), in conjunction with its Confucius Institute (CI-UHM), will provide a three-week Chinese Immersion Sports Camp in July 2009 for middle and high school students focusing on Chinese language and cultural studies. The camp will enroll 30 students from Hawaii and across the US.

Defense, Dept - Natl Security Agency

2009 STARTALK Chinese Teacher Training Institute
Cynthia Y Ning Center for Chinese Studies
The University of Hawaii’s Center for Chinese Studies (UH-CCS), in conjunction with its Confucius Institute (CI-UHM), will provide a four-week Teacher Training Institute beginning on July 1, 2009. 15 participating teachers will be heavily involved in activities focusing on Teaching Chinese as a Foreign Language at K-12 levels.

ED-Dept of Education

Education, Dept - FED

Preparing Distance Education Leaders in Evidence-Based Practices to Serve Multicultural Populations
Bryan Cook Department of Special Education
This project will train 6 Ph.D. in Education, Exceptionalities Specialization scholars with a focus on evidence-based practices, distance education, and multiculturalism. Trainees will receive financial support for four years.

Education, Dept - FED

Culturally Responsive Response to Intervention Strategies
Robert A Stodden Center on Disability Studies
Project will serve up to 500 Native Hawaiian (NH) youth in grades 7-12 who have been inappropriately or are at risk of being identified as eligible for special education services under the requirements of the Individuals with Disabilities in Education Act (IDEA) and are most at risk of school failure.

Education, Dept - FED

Creating a Mobile High-Touch, High-Tech Learning Environment: A Program to Promote Academic & Psychosocial Engagement & to Increase Participation STEM
Gene I Awakuni Chancellor, University of Hawaii at West Oahu
This proposal addresses the activities that UHWO can implement to increase college success as measured by improving retention and graduate rates. It also aims to increase access to higher education by increasing opportunities for students to participate successfully in STEM classes and disciplines. UHWO will develop a high-touch mobile learning environment.

Education, Dept - FED

Students with Disabilities as Diverse Learners: Innovative Teaching Methods in Postsecondary Education
Robert A Stodden Center on Disability Studies
The ultimate goal of the proposed project is to improve faculty attitudes, knowledge, and practice, resulting in increased retention and completion of postsecondary education by students with disabilities.

Education, Dept - FED

Windward Community College Upward Bound Program
Lisa C Gillis-Davis Chancellor, Windward Community College
Windward Upward Bound will provide opportunities for 50 low-income/first generation college potential public
**Gifts, Grants, and Contracts for June 2009**

**Non-Research**

**ED-Dept of Education**

School students to receive academic support, career guidance, college planning, and summer residential college experience.

**Education, Dept - FED**

**Liko A’e III: Native Hawaiian Scholarship Program**  
Clyde M Sakamoto  
Chancellor, Maui Community College  
The Liko A’e III Native Hawaiian Scholarship Program proposes to provide scholarship to Native Hawaiian Students here and in other US states pursuing higher education.  

**Native Hawaiian Serving Institution 2010**  
Gail M Makuakane-Lundin  
Vice Chancellor for Student Affairs-UHH  

**Maui County Upward Bound Program**  
Alvin R Tagomori  
Chancellor, Maui Community College  
The Upward Bound Program affords Maui County secondary students who are economically disadvantaged and have a "high academic risk for failure" the opportunity to acquire the basic skills and information necessary for enrolling and succeeding in postsecondary educational programs.

**First Step to Success**  
Jean Lee Johnson  
Center on Disability Studies  
The goal of this proposed project is to reduce the frequency of antisocial behaviors exhibited by at-risk children thus positively impacting their academic success through the implementation of the First Step to Success early intervention program.

**Pono School Climate Project**  
Kelly D Roberts  
Center on Disability Studies  
The project’s vision is to use Native Hawaiian cultural values to create safe and nurturing learning environments where all students achieve high academic standards, choose to remain in school, attain skills necessary to reach their goals and meet their potential, and are contributing members of society.

**"I" in the IEP**  
Kelly D Roberts  
Center on Disability Studies  
To improve outcomes for Native Hawaiian youth with disabilities through the development and testing of two interventions designed to equip educators, administrators and parents with necessary tools to support Native Hawaiian students with disabilities to engage within and benefit from the process of developing their own Individualized Education Plans (IEPs).
Gifts, Grants, and Contracts for June 2009

Non-Research

ED-Dept of Education

Education, Dept - FED

Ka’imi loa o ka hihi Project: Math and Science WebQuests
Norma Jean Stodden Center on Disability Studies
This project will develop standards-based math and science WebQuests (WQs) for grades 4 - 7 to increase the academic achievement of Native Hawaiian students at-risk and with disabilities.

Education, Dept - FED

STEM Scholars Program: A Proposal to Grow, Extend, and Disseminate Native Hawaiian Excellence in STEM Education
Joshua Kaakua College of Engineering
Activities to increase participation of Native Hawaiians in Science, Technology, Engineering, and Mathematics including outreach, high school workshops, bridge programs, student internships, and student stipends.

Federal Agencies

Commerce, Dept/NOAA - Natl Sea Grant College Prog

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

Labor, Dept - Employment & Training Admin-FED

Remote Rural Hawaii Job Training and Educational Opportunities
Clyde M Sakamoto Chancellor, Maui Community College
This project will provide vocational and educational training to residents of rural Hawaii utilizing the UH Community

Foreign

American Samoa, Govt of

2008 SPED Cohort Programs
Robert A Stodden Center on Disability Studies
Provide a variety of services and activities related to the development and delivery of University of Hawaii special education course work specifically designed for special education teachers to obtain their B.Ed in elementary education with a certification in special education.

American Samoa, Govt of

Early Childhood Endorsement Education Project - 2008
Jamie Simpson-Steele 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.

Elsevier Science Ltd.

International Journal FY 2003
Dan Landis Psychology-UHH
Gifts, Grants, and Contracts for June 2009

Non-Research

Foreign

Federated States of Micronesia $90,000
Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract from FSM DOH) Lee Buenconsejo-Lum Department of Family Medicine and Community Health
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.

High Energy Accelerator Research Orgn (KEK) $35,901
JFY 2009 US Japan Program for Cooperation in High energy Physics for the High Luminosity R&D Gary S Varner Department of Physics and Astronomy
Fabrication of a high speed STURM II chip from MOSIS to be used in the accelerator beam diagnostics at the accelerator at KEK, Tsukuba, Japan.

International Union of Nutritional Sciences $3,740
Financial Duties for the International Union of Nutritional Sciences (IUNS) Laurence N Kolonel Cancer Research Center
Send annual dues notices to approximately 80 countries that are Adhering Bodies (ABs) of IUNS; Receive & deposit dies from ABs and sent receipts; Communicate as needed with ABs regarding overdue dues; Disperse funds as directed by Treasurer (Dr. S. Murphy); Maintain accurate financial records for UIUNS & provide a final report of expenditures.

Korea Foundation $35,000
2009 Annual Workshop of the World Consortium of Korean Studies Centers Ho-Min Sohn Department of East Asian Languages and Literatures
Grant will pay for participant's travel, accommodations, meals and miscellaneous expenses for the 5th annual workshop of the World Consortium of Korean Studies Centers in June 2009.

Okinawa Prefectural Government $883,578
Okinawa Postgraduate Medical Education Program Satoru Izutsu John A. Burns School of Medicine
To provide an "American Style" medical residency training program at Okinawa Chubu Hospital for graduates from Japanese medical schools.

Hawaii- Business and Other

Kamehameha Schools $12,565
Archaeological Collections Inventory Peter Mills Social Sciences-UHH - Division Office
Provide archaeological data collection services to Kamehameha Schools

Olelo Community Television $20,000
Hawaii Educational Networking Consortium (HENC) David K Lassner Information Technology Services
To provide oversight of the two educational access cable television channels (channel 55 and 56) provided for accredited education on Oahu.
Gifts, Grants, and Contracts for June 2009

Non-Research

Hawaii- Business and Other

Olelo Community Television

University of Hawaii - Supplemental Projects 2007
Hae K Okimoto Information Technology Services
Produce courses and programs for the public access channel, Oceanic 55.

Papa Ola Lokahi

'Imi Hale Research Administration
Kathryn L Braun Department of Public Health Sciences and Epidemiology
To identify, train, and mentor individuals interested in conducting research in cancer health disparities.

Hawaii- Government Agencies

Education, Dept - HI $200,000

P-20 Initiative Memorandum of Agreement with Hawaii Department of Education
Linda K Johnsrud College of Education
Facilitate, coordinate, implement and support the P-20 Strategic Plan through regional participation; marketing and communications; data analyses and technical assistance for schools to meet American Diploma Project-related activities; and operational and administrative support work.

Education, Dept - HI $49,017

Math Science Partnership (MSP) Program Cohort VI
Luke Paul Flynn Hawaii Institute of Geophysics and Planetology
The Hawaii Space Grant Consortium will be a partner to assist Stevenson Middle School to provide support and services outlines in the statement of work. Our support will be to enhance professional development skills to increase subject matter knowledge and teaching skills for math and science teachers.

Education, Dept - HI $370,000

UH Masters of Education in Teaching Program
Joseph T Zilliox Department of Curriculum Studies
To provide teaching interns for the Department of Education’s Master’s of Education in Teaching Program and in-service professional development and school renewal.

Education, Dept - HI $41,717

Reading and Language Arts for K-3 Classroom Teachers
Jonathan Schwartz Chancellor, University of Hawaii at West Oahu
This workshop if for DOE classroom teachers to learn about teaching reading and language arts.

Hawaii Health Systems Corp. $279,380

Hawaii Rural Health Interdisciplinary Training Demonstration Project
Allen Hixon Department of Family Medicine and Community Health
Development of the UH Family Medicine Center-Hilo and rural family medicine 1-2 program.
Gifts, Grants, and Contracts for June 2009

Non-Research

Hawaii- Government Agencies

Hawaii Health Systems Corp. $19,965
- **Hawaii Rural Interdisciplinary Training Demo Project**
  - Katharyn Daub, Chancellor, University of Hawaii at Hilo-UHH
  - UHH Nursing students learn collaborative care, nursing leadership and management as well as focused assessments across the lifespan

Health, Dept - Council on Devlpmt Disabilities-HI $24,840
- **State Council on Developmental Disabilities Project**
  - Jean Lee Johnson, Center on Disability Studies
  - State Council on Developmental Disabilities project will coordinate self-advocacy network activities, gather information to develop education and training materials for advocacy and leadership development, and provide coordination on outreach and leadership training and educational events for SAAC.

Health, Dept - HI $164,951
- **Hawaii School Health Surveys**
  - Susan M Saka, Curriculum Research and Development Group
  - 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.

Health, Dept - HI $1,382,864
- **Hawaii Health Data Warehouse**
  - Jason E. Maddock, Cancer Research Center
  - Maintain the operation of the HHDW with the addition of new licenses, data sets, hardware (Servers), new reports and expand technical training. Enhance the functionality of the warehouse and website.

Health, Dept - HI $1,600,000
- **Hawaii Medicare Rural Hospital Flexibility Program**
  - Norman H Okamura, Social Science Research Institute
  - Implement the open source version of the VistA Electronic Health Record system for two Critical Access Hospitals and four clinics that are part of the Hawaii Health System Corporation Kauai Region Network.

Health, Dept - HI $3,105
- **Kick Butts Day 2/27/09 (REAL: Hawaii Youth Movement Against Tobacco Use)**
  - Alana D Steffen, Cancer Research Center
  - Kick Butts Day on 2/27/09, REAL observes this day by providing youth with advocacy training for tobacco control along with an opportunity to meet with their state legislators in order to promote youth involvement in tobacco control.

Human Services, Dept - HI $26,400
- **Vocational Skills Instruction for First-to-Work Participants**
  - Carol A Hoshiko, Chancellor, Kapiolani Community College
  - Provide continuing education instruction for eligible First-to-Work, Department of Human Services students in existing classes noted under previous agreement.
Gifts, Grants, and Contracts for June 2009

Non-Research

Hawaii- Government Agencies

Human Services, Dept - HI $450,910
Learning to Grow 2008-2009
Grace Fong Department of Family and Consumer Sciences
Learning to Grow will develop, disseminate, and evaluate education outreach programs and resource materials for families receiving child care subsidies from the State, with the aim of improving the quality of care provided to children ages birth to five.

Human Services, Dept - HI $179,124
Adult Basic Education and Vocational Instruction
Michael H Pecsok Chancellor, Leeward Community College
Delivery of Adult Basic Education courses & Vocational Instruction tuitions.

Human Services, Dept - HI $517,022
Memorandum of Agreement Relating to Quality Care for Home-Based and Center-Based Child Care Providers
Sylvia H L Yuen Center on the Family
Develop curriculum, training, assessment, and evaluation for increasing the quality of child care in all settings in the state. Develop a database to monitor activity and generate reports.

Human Services, Dept - HI $616,637
DHS Task Order 5: Hawai'i Child Welfare Continuous Quality Improvement Project
Lee Stein Chancellor, Maui Community College
Maui Community college assists the Hawai'i Department of Human Services with enhancing the skills of casework staff and the development and implementation of a comprehensive quality assurance system for child welfare services. Funded by federal reimbursements earned under Title IV-E of the Social Security Act.

Human Services, Dept - HI $10,321
Child Welfare Training
Meripa T. Godinet School of Social Work
To train social workers, administrators, and social work students to meet key competency areas in child and family social work practice. In addition, to evaluate and research child welfare issues and practice with focus on cultural competence.

Human Services, Dept - Ofc of Youth Svcs-HI $165,000
Office of Youth Services, State of Hawaii, Hawaii Youth Correctional Facilities
Raul C Rudoy Department of Pediatrics
Services provided to the Hawaii Youth Correctional Facility by the Dept. of Pediatrics in teaching residents.

Hawaii- Health Organizations

Kalihi-Palama Health Center $31,963
Reimbursement Agreement - FY2010, Agreement No. SF10-KPHC-OBGYN
Lynnae K Millar Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide physician and physician related services for FY 2010
Gifts, Grants, and Contracts for June 2009

Non-Research

Hawaii- Health Organizations

Kapiolani Medical Center  $325,002
Reimbursement Agreement - FY2010, Agreement No. SF10-KMCWC-PEDS
Raul C Rudoy  Department of Pediatrics
Agreement to provide physician and physician related services for FY 2010.

Kapiolani Medical Center  $48,000
Reimbursement Agreement - FY2010, Agreement No. SF10-KMCWC-OBGYN-MFM
Lynnae K Millar  Department of Obstetrics, Gynecology, and Women's Health
Agreement to support of fellowship program in Maternal Fetal Medicine for FY2010.

Kapiolani Medical Center  $44,291
Reimbursement Agreement - FY2010, Agreement No. SF10-KMCWC-SURG
Danny M Takanishi  Department of Surgery
Agreement to provide physician and physician related services for FY 2010.

Kapiolani Medical Specialists  $1,843,613
Reimbursement Agreement - FY2010, Agreement No. SF10-KMS-PEDS
Raul C Rudoy  Department of Pediatrics
Agreement to provide physician and physician related services for FY2010.

Pacific In Vitro Fertilization Institute  $91,692
Reimbursement Agreement - FY2010, Agreement No. SF10-PIVF-OBGYN
Lynnae K Millar  Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide physician and physician related services for FY2010.

Queen Emma Clinic  $206,490
Reimbursement Agreement - FY2010, Agreement No. SF10-QMC-QEC-PEDS
Raul C Rudoy  Department of Pediatrics
Agreement to provide physician and physician related services for FY2010.

Queen Emma Clinic  $360,393
Reimbursement Agreement - FY2010, Agreement No. SF10-QMC-QEC-SURG
Danny M Takanishi  Department of Surgery
Agreement to provide physician and physician related services for FY2010.

Queen's Medical Center  $55,149
Reimbursement Agreement - FY2010, Agreement No. SF10-QEC-MED
Elizabeth K Tam  Department of Medicine
Agreement to provide physician and physician related services for FY2010.
Gifts, Grants, and Contracts for June 2009

Non-Research

Hawaii- Health Organizations

Queen's Medical Center
Reimbursement Agreement - FY2010, Agreement No. SF10-QMC-SURG-URO
Danny M Takanishi Department of Surgery
Agreement to provide physician and physician related services for FY2010.

Queen's Medical Center
Reimbursement Agreement - FY2010, Agreement No. SF10-QEC-QELC-MED
Elizabeth K Tam Department of Medicine
Agreement to provide physician and physician related services for FY2010

Queen's Medical Center
Reimbursement Agreement - FY2010, Agreement No. SF10-QMC-SURG
Danny M Takanishi Department of Surgery
Agreement to provide physician and physician related services for FY2010.

Queen's Medical Center
Reimbursement Agreement - FY2010, Agreement No. SF10-QMC-SURG-ORTHO
Danny M Takanishi Department of Surgery
Agreement to provide physician and physician related services for FY2010.

Rehabilitation Hospital of the Pacific
Reimbursement Agreement - FY2010, Agreement No. SF10-REHAB-MED
Elizabeth K Tam Department of Medicine
Agreement to provide physician and physician related services for FY2010

Straub Clinic & Hospital
Reimbursement Agreement - FY2010, Agreement No. SF10-STRAUB-SURG
Danny M Takanishi Department of Surgery
Agreement to provide physician and physician related services for FY 2010

Waianae Coast Comprehensive Health Ctr
Native Hawaiian Training: Pre-Health and Health Information Tech - Waianae Health Academy - Ola Loa Ka Naauao
Michael Tagawa Chancellor, Leeward Community College
Provide Health Info Tech and pre-health (English and math) courses to native Hawaiians incorporating Native Hawaiian learning styles.

Hawaii- Non-Profit Organizations

Hawaii County Econ Opportunity Council
Hawaii County Economic Opportunity Council Renewable Energy Project
Joni Onishi Chancellor, Hawaii Community College
Establish a training program that will contribute to building an infrastructure of skilled workers for employment in renewable energy industries.
## Gifts, Grants, and Contracts for June 2009

### Non-Research

#### Hawaii- Non-Profit Organizations

<table>
<thead>
<tr>
<th>Organization</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Hawaii Primary Care Association</td>
<td>$106,845</td>
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<tr>
<td>Hawaii Primary Care Cessation Network</td>
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<tr>
<td>Hye-Ryeon Lee</td>
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<tr>
<td>Cancer Research Center</td>
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<tr>
<td>This project seeks to create a primary care cessation network to promote the use of evidence-based approaches to tobacco cessation in all of Hawaii’s 13 Federally Qualified Health Centers (FQHCs). The project will be carried out in collaboration with the National Cancer Institute's Cancer Information Service, Pacific Region.</td>
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<tr>
<td>Hawaii Primary Care Association</td>
<td>$15,005</td>
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<tr>
<td>Agreement Between the University of Hawaii and Hawaii Primary Care Association</td>
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<td>Alice M Tse</td>
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<td>Department of Nursing</td>
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<td>Design and implementation of an evaluation plan for the health information technology collaborative entitled Holomua.</td>
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<tr>
<td>Pacific Marine Life Foundation</td>
<td>$10,000</td>
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<tr>
<td>Malama Maunalua: Restoration Through Education and Outreach</td>
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<td>E Gordon Grau</td>
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<tr>
<td>Sea Grant College Program</td>
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<td>To undertake and assist in a comprehensive restoration of Maunalua Bay and its adjacent watersheds. UH Sea Grant will utilize a public education program aimed at building awareness and stewardship among residents, the larger local community, key decision-makers, and visitors based on successful ReefTeach, ReefWatch, and ReefTalk activities and on our Hanauma Bay Education Program.</td>
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<tr>
<td>University of Hawaii Foundation</td>
<td>$10,644</td>
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<td>East Asian Buddhism Professorship</td>
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<td>Mary Elizabeth Tiles</td>
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<td>Department of Philosophy</td>
<td></td>
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<tr>
<td>To pay for salary and fringe benefits to hire the East Asian Buddhist Professor as a lecturer in the Philosophy Dept./College of Arts &amp; Humanities.</td>
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<tr>
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<td>David S Tamanaha</td>
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<tr>
<td>Chancellor, Maui Community College</td>
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<tr>
<td>UHF MCC Development Funds to support 33% of the MCC General Laborer position (900184). This position to support campus beautification and preventative maintenance projects, campus-wide.</td>
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<tr>
<td>Vice President for Academic Planning and Policy</td>
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<tr>
<td>To pay for salary and fringe cost for Hawaii P-20 staff to implement the Hawaii P-20 Initiative Strategic Plan.</td>
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<td>University of Hawaii Foundation</td>
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<td>Thomas E Jackson</td>
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<tr>
<td>Department of Philosophy</td>
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<td>Educational Specialists to assist classroom teachers in philosophical discussions with students; help prepare classroom lessons; maintain research journals.</td>
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<td>Department of Anthropology</td>
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<td>This agreement between UHF [via Luce Foundation] and UH shall be initiated from UHF Account #125-0030-4 to</td>
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</tbody>
</table>
Gifts, Grants, and Contracts for June 2009

Non-Research

Hawaii- Non-Profit Organizations

accommodate salary and fringe benefit expenses for UH employees, Tianlong Jiao, (Assistant Professor 0.25 FTE Asian Archeologist) and Christian Peterson, (Assistant Professor 1.00 FTE Asian Archaeologist).

University of Hawaii Foundation
Le'a Publication Series
Jon K Matsuoka School of Social Work
To hire editors for the Le'a Publication Series to oversee the publication of a book and journal series.

University of Hawaii Foundation
Kapiolani Community College Activities
Leon Richards Chancellor, Kapiolani Community College
Agreement to allow the University to make payments to individuals utilizing the UHF funds.

University of Hawaii Foundation
Leahi Outpatient Geriatric Clinic S&F Account
Kamal H Masaki Department of Geriatric Medicine
S&F agreement for Leahi Outpatient Geriatric Clinic to cover a portion of Oleksandr Pishchalenko's time.

University of Hawaii Foundation
Financial Engineering Course
Alan H Teramura College of Natural Sciences
To cover the salary for Tom Ramsey, Professor, College of Natural Sciences for teaching "Partial Differential Equations and Stochastic Calculus" in the Master of Financial Engineering Program for the Fall 2009 semester.

University of Hawaii Foundation
ADRC S&F Agreement
Kamal H Masaki Department of Geriatric Medicine
Salary and Fringe Benefit Expenses for Alzheimer's Disease Referral Clinic (ADRC) Services.

University of Hawaii Foundation
Manoa Journal
R F Stewart Department of English
Funds for staff salaries and wages.

University of Hawaii Foundation
Kellogg P-3 Expenditures
Linda K Johnsrud Vice President for Academic Planning and Policy
To pay for P-20 Administrative salary and fringe charges.
Gifts, Grants, and Contracts for June 2009

Non-Research

Mainland- Business and Other

Institute for Higher Education Policy
University of Hawaii Financial Literacy Project
Pamela B C Kutara College of Tropical Agriculture and Human Resources
Th UH Financial Literacy Project team has been asked to present project information to the other Universities and Colleges participating in the IHEP Summer Academy. In addition, the team will be asked to develop an assessment plan with Dr. Lana Low, a national leader in higher education retention and financial literacy.

Nature Conservancy
Puako Pakini Survey
Fiona McCormack Chancellor, University of Hawaii at Hilo-UHH
Hire a Pakini Survey Coordinator to organize and implement Pakini Survey activities at Puako

Pacific Radiology Oncology, LLC
Reimbursement Agreement - FY2010, Agreement No. SF10-PRO-SURG
Danny M Takanishi Department of Surgery
Agreement to provide physician and physician related services for FY2010.

RK Consulting
Rob Knourek MALT Internship
Mark G Hoffman Chancellor, Maui Community College
Training in the development of database applications for the internet.

Western States Arts Federation (WESTAF)
Koolau: A True Story of Kauai
Timothy Roy Slaughter Outreach Community Programs
An arts residency with Tom Lee Projects including 1 public performance and 2 outreach activities.

Western States Arts Federation (WESTAF)
Hot 8 Brass Band: A Hawaii Residency
Timothy Roy Slaughter Outreach Community Programs
An arts residency with music group, HOT 8 Brass Band, including 1 public performance and 2 outreach activities.

Mainland- Health Organizations

American Cancer Society, Inc
Predictors of Adherence to Oral Maintenance Chemotherapy in Childhood A.L.L.
Francisco A. Conde Department of Nursing
This is a scholarship application to support doctoral study in the field of cancer nursing research, and preparing for careers as nurse scientists.
Gifts, Grants, and Contracts for June 2009

Non-Research

Mainland- Non-Profit Organizations

Community Colleges for International Development, Inc. $260,756
CCID - Egypt Grant
James Goodman Chancellor, Leeward Community College
LCC will receive funding to support a cohort size of 8 students from Egypt to attend LCC, take English courses in the English Language Institute if needed and take credit courses to achieve certificates in the area of studies chosen by the student. three students will take digital media courses, three will take business and two TV Pro.

Las Cumbres Observatory Global Telescope Network Inc $25,000
Pan-STARRS 1 Science Consortium-Las Cumbres Observatory
Kenneth C Chambers Institute for Astronomy
Las Cumbres Observatory Global Telescope Network, Inc. (LCOGT), will be contributing funds towards the purchase of equipment for the Pan-STARRS Science Consortium and IfA on Haleakala, Maui.

National 4-H Council $50,000
Get Moving for Health
Gary Heusel Department of Family and Consumer Sciences
Health leadership teams will be trained to involve others in this program designed to increase individual physical activity during a six week period and change exercise habits for life. The activities will be conducted in Hawaiian communities by adult/youth teams including two to ten individuals/team.

National Science Foundation

National Science Foundation $121,500
Graduate Research Fellowship Program
Peter V Garrod Graduate and Professional Education
To provide graduate students the opportunity to further their education by funding their research projects.

US Colleges and Universities

Kansas State University $80,000
Operation Military Kids
Claire M Nakatsuka College of Tropical Agriculture and Human Resources
Supplemental funds specifically for camp activities for military families affected by deployment.

Rutgers, State University of New Jersey $50,000
Development of PXRD Method
Kenneth Morris College of Pharmacy-UHH
Develop an integrated mechanical stressing device with a powder x-ray diffractometer to quantify the strain experienced by crystals under controlled nano-stress

Subcount: 97 Subtotal: $25,155,258
Count: 216 Total: $54,541,058
Funds Received from UH Foundation for 06/01/2009 - 06/30/2009

Non-Research

Hawaii- Non-Profit Organizations

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

University of Hawaii Foundation  
"P-20 Educational Outcomes"  
Johnsrud, Linda K  
Vice President for Academic Planning and Policy  
To pay for salary and fringe cost for Hawaii P-20 staff to implement the Hawaii P-20 Initiative Strategic Plan.

University of Hawaii Foundation  
"Kellogg P-3 Expenditures"  
Johnsrud, Linda K  
Vice President for Academic Planning and Policy  
To pay for P-20 Administrative salary and fringe charges.

University of Hawaii Foundation  
"ADRC S&F Agreement"  
Masaki, Kamal H  
Department of Geriatric Medicine  
Salary and Fringe Benefit Expenses for Alzheimer's Disease Referral Clinic (ADRC) Services.

University of Hawaii Foundation  
"Leahi Outpatient Geriatric Clinic S&F Account"  
Masaki, Kamal H  
Department of Geriatric Medicine  
S&F agreement for Leahi Outpatient Geriatric Clinic to cover a portion of Oleksandr Pishchalenko's time.

University of Hawaii Foundation  
"Le'a Publication Series"  
Matsuoka, Jon K  
School of Social Work  
To hire editors for the Le'a Publication Series to oversee the publication of a book and journal series.

University of Hawaii Foundation  
"Kapiolani Community College Activities"  
Richards, Leon  
Chancellor, Kapiolani Community College  
Agreement to allow the University to make payments to individuals utilizing the UHF funds.

University of Hawaii Foundation  
"Luce Foundation East Asian Archeology and Early History Initiative"  
Stark, Miriam T  
Department of Anthropology  
This agreement between UHF [via Luce Foundation] and UH shall be initiated from UHF Account #125-0030-4 to accommodate salary and fringe benefit expenses for UH employees, Tianlong Jiao, (Assistant Professor 0.25 FTE Asian Archeologist) and Christian Peterson, (Assistant Professor 1.00 FTE Asian Archaeologist).
Funds Received from UH Foundation for 06/01/2009 - 06/30/2009

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation
"Manoa Journal"
Stewart, R F Department of English
Funds for staff salaries and wages.

University of Hawaii Foundation $2,000
"General Laborer II"
Tamanaha, David S Chancellor, Maui Community College
UHF MCC Development Funds to support 33% of the MCC General Laborer position (900184). This position to support

University of Hawaii Foundation $15,871
"Financial Engineering Course"
Teramura, Alan H College of Natural Sciences
To cover the salary for Tom Ramsey, Professor, College of Natural Sciences for teaching "Partial Differential Equations and Stochastic Calculus" in the Master of Financial Engineering Program for the Fall 2009 semester.

University of Hawaii Foundation $23,500
"East Asian Buddhism Professorship"
Tiles, Mary Elizabeth Department of Philosophy
To pay for salary and fringe benefits to hire the East Asian Buddhist Professor as a lecturer in the Philosophy

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $19,600
"CRCH Traineeship"
Carbone, Michele Cancer Research Center
Support of CRCH activity: 2008 Meiji Yasuda summer research fellowships.

University of Hawaii Foundation $57,000
"Philosophy for Children Research Associate"
Jackson, Thomas E Department of Philosophy
The Philosophy for Children Research Associate will gather data and conduct research on the effectiveness of a proposed "Philosopher in Residence" initiative at two public schools in Hawaii.

University of Hawaii Foundation $8,700
"Design of a Continuous Flow Microwave Pasteurizer"
Jun, Soojin Department of Human Nutrition, Food and Animal Sciences
Develop a pilot scale continuous flow microwave pasteurizer intensified with lethal wave functions. Dr. Jun will spend his one summer month to complete the system design and optimization in terms of food quality and safety.

Count: 15 Total: $344,191
Extramural Research Awards  
for the Month of  
June 2009  
Distribution by Sponsors

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
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<td>DA-Dept of Agriculture</td>
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<tr>
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Extramural Non-Research Awards
for the Month of
June 2009

Distribution by Sponsors

<table>
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<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
</thead>
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Extramural Research Awards
Year to Date: 07/01/08 - 06/30/09
Distribution by Sponsors

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### Extramural Non-Research Awards

**Year to Date: 07/01/08 - 06/30/09**

**Distribution by Sponsors**

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<td>2.35%</td>
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