

Gifts, Grants, and Contracts for June 2010

The following gifts, grants and contracts received by all campuses during the period June 1, 2010 through June 30, 2010 total \$53,246,752. The unofficial year-to-date total is: \$452,408,669.

Research

DA-Dept of Agriculture

Agriculture, Dept - FED \$68,000

Developing Pest Ant Management Systems in Hawaii Nurseries

Duffy, David C Department of Botany

Develop pest management tools for *Wasmannia auropunctata* (Little Fire Ant) and other ant species in collaboration with commercial nurseries.

Agriculture, Dept - FED \$131,136

Biology and Control of the Formosan Subterranean Termite

Grace, Jack Kenneth JR Department of Plant and Environmental Protection Sciences

Develop tools and assessment methods to support community-wide termite management; detect and establish research methods for new invasive termites in Hawaii.

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Administration on Aging \$129,852

Ha Kupuna: National Resources Center for Native Hawaiian Elders

Mokuau, Noreen K School of Social Work

We request funds to continue our work on Ha Kupuna: National Resource Center for Native Hawaiian Elders in order to develop and disseminate knowledge of Native Hawaiian elders.

Health & Human Svc, Dept - Natl Inst of Health (NIH) \$321,337

Role of Macrophages in HIV Lipoatrophy

Shikuma, Cecilia M Department of Medicine

This project will continue work on assessing the role of HIV infected monocytes and macrophages in the development of lipoatrophy. We will conduct fat biopsies on HIV infected individuals on HIV medications with and without lipoatrophy and also from HIV individuals not on HIV medications and from HIV negative individuals. We will isolate fat cells, pre-adipocytes (immature fat cells) and macrophages and look at what inflammatory molecules these cells secrete.

Health & Human Svc, Dept - Natl Inst of Health (NIH) \$595,892

Malarial Immunity in Pregnant Cameroonian Women

Taylor, Diane W. 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 \$304,481

Neuroimaging to Assess the Effects of Therapy in Children with Acute Lymphoblastic Leukemia

Shiramizu, Bruce T 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 \$534,918

Collaborative Genetic Study of Ovarian Cancer Risk

Goodman, Marc T Cancer Research Center

The five-year study will examine the association of vitamin D and calcium-related genetic polymorphisms with the risk of epithelial ovarian in Hawaii.

Gifts, Grants, and Contracts for June 2010

Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept/NIH - Natl Cancer Institute	\$146,529
<u>The Cancer Genome Atlas (TCGA)</u>	
Goodman, Marc T	Cancer Research Center
This project aims to explore the entire spectrum of genomic changes involved in human cancer by comprehensively analyzing DNA copy number changes, transcription profiles, epigenetic modifications, sequence variation, and sequence in both tumor tissue and case-matched germline DNA.	
Health & Human Svc, Dept/NIH - Natl Ctr on Minority Hlth & Hlth Disprty	\$1,405,868
<u>Partnerships for Cardiometabolic Disparities in Native and Pacific Peoples</u>	
Mau, Marjorie K H	Department of Native Hawaiian Health
Additional requested funds.	
Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst	\$375,000
<u>Rho Kinase in Immune-Mediated Atherosclerosis</u>	
Boisvert, William	Department of Medicine
The studies in this project are focused on the role of Rho kinase in the immune system and inflammation as well as immune-related vascular function. The major goals of the study are to study the involvement of Rho-kinase in various macrophage function and to examine how this affects immune-mediated atherogenesis.	
Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst	\$18,000
<u>Rho Kinase in Immune-Mediated Atherosclerosis</u>	
Boisvert, William	Department of Medicine
The studies in this project are focused on the role of Rho kinase in the immune system and inflammation as well as immune-related vascular function. The major goals of the study are to study the involvement of Rho-kinase in various macrophage function and to examine how this affects immune-mediated atherogenesis.	
Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst	\$375,000
<u>Role of mTOR in the Diabetic Heart</u>	
Matsui, Takashi	Department of Medicine
Heart failure after myocardial infarction in diabetes develops twice as often as in non-diabetics. Although the insulin signaling protein mTOR is known as a mediator of metabolism, the role of mTOR in the diabetic heart remains undefined. We will explore cardioprotective effects of mTOR in a mouse model of diabetes.	
Health & Human Svc, Dept/NIH - Natl Inst of Allergy & Infectious Dis	\$300,000
<u>Selenoprotein K Modulates Calcium-Dependent Signaling in Immune Cells</u>	
Hoffmann, Peter	Department of Cell and Molecular Biology
The goals of this project is to determine the functional role of selenoprotein K in immune responses.	
Health & Human Svc, Dept/NIH - Natl Inst of Nursing Rsch	\$203,192
<u>Center for 'Ohana and Self-Management of Chronic Illnesses in Hawaii (COSMCI): Building Research Teams for the Future</u>	
Inouye, Jillian	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.	

Gifts, Grants, and Contracts for June 2010

Research

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$118,665
<u>Toward Reducing Climate Model Biases in the Equatorial Atlantic and Adjacent Continents</u>	
Xie, Shang-Ping	Joint Institute for Marine and Atmospheric Research
To perform diagnostic and modeling studies to identify the source of climate model errors over the tropical Atlantic.	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$1,700,000
<u>Developing the Pacific Islands Ocean Observing System (PaI OOS)</u>	
Taylor, Brian	School of Ocean and Earth Science and Technology
Maintenance and continued development of the instrumentation, modeling, stakeholder engagement, and data management systems of the Hawaii Ocean Observing System (HiOOS), a regional component of the national Integrated Ocean Observing System (IOSS).	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$35,538
<u>High Resolution Climate Data Sets for Climate Diagnostics and Climate Change Detection in Hawaii</u>	
Giambelluca, Thomas W	Department of Geography
We propose to develop the necessary data sets and analytical tools to develop a statewide temperature and precipitation data set from the earliest possible date in order to enable continued monitoring of the State's climate and to develop candidate regional-grouping analogous to the contiguous U.S. Climate Division records.	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$64,000
<u>Advancing Remote Marine Mammal Stock Assessment with Passive Acoustic Gliders</u>	
Howe, Bruce M	Department of Ocean and Resources Engineering
To test the effectiveness of gliders in detecting marine mammals in Hawaii.	
Commerce, Dept/NOAA - Natl Marine Fisheries Svc	\$139,275
<u>Genetic Stock Resolution of the Deepwater Snappers Ehu (<i>Etelis carbunculus</i>) and Onaga (<i>Etelis coruscans</i>)</u>	
Bowen, Brian R	Hawaii Institute of Marine Biology
This project will process DNA specimens, predominantly from fish that were previously collected, in order to define management units in two species of snapper.	

DOD-Department of Defense

Defense, Dept - Air Force	\$4,048
<u>Operations and Management of the Maui High Performance Computing Center</u>	
Lassner, David K	Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.	
Defense, Dept - Air Force	\$20,000
<u>Operations and Management of the Maui Supercomputing Center</u>	
Lassner, David K	Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	

Gifts, Grants, and Contracts for June 2010

Research

DOD-Department of Defense

Defense, Dept - Air Force \$176,160
Operations and Management of the Maui Supercomputing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

DOE-Dept of Energy

Energy, Dept - FED \$814,881
The Effect of Airborne Contaminants on Fuel Cell Performance and Durability
Rocheleau, Richard E Hawaii Natural Energy Institute
The objective of the proposed work is to characterize, analyze, and understand the effects of airborne contaminants which have the potential to reduce the performance of durability of proton exchange membrane (PEM) fuel cells.

Energy, Dept - FED \$185,383
Future Projections of Mean and Variability of the Asian Summer Monsoon and Indian Ocean Climate Systems
Annamalai, H Department of Meteorology
The primary goal of the proposal is to quantify the future projections of the Asian Summer Monsoon and tropical Indian Ocean Climate systems. Specifically, the proposed research aims to examine the degree to which changes in greenhouse gas and aerosol concentrations influence the time-mean state of the monsoon climate.

Energy, Dept - FED \$58,558
Study of Mechanisms of Aerosol Indirect Effects on Glaciated Clouds
Phillips, Vaughan Department of Meteorology
Atmospheric Research

ED-Dept of Education

Education, Dept - FED \$66,738
Distance Education Clearing House for the Indonesian Language
Kozok, Ulrich Department of Indo-Pacific Languages and Literatures
Developing teaching modules for distance education in intermediate Indonesian.

Education, Dept - Institute of Education Sciences-FED \$399,992
Hawaii Model Demonstration Project on Tiered Approaches to Improve the Writing Proficiency, Application, and Transfer Skills of 9th Grade Students
Stodden, Robert A Center on Disability Studies
The purpose of the Hawaii project is to rigorously conduct a Model Demonstration of tiered approach toward improving writing proficiency, application, and transfer skills of ninth grade students who have writing difficulties, including those at risk for and with learning disabilities.

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Research

Federal Agencies

Homeland Security, Dept - FED \$399,968

Unmanned Port Security Vessel: A Multi-Sensor Autonomous System for Maritime and Port Security

Bingham, Brian S Department of Mechanical Engineering

The research objective of this proposal is to apply cutting-edge methods in autonomous systems, in-situ chemical sensing, image processing and sensor fusion to create and unmanned port security vessel, providing real-time, multi-sensor decision support for DHS missions.

Foreign

APEC Climate Center (APCC) \$130,088

Improvement of APCC Seasonal Prediction and Assessment of Characteristics and Forecast of 2009/2010 Climate Anomalies

Wang, Bin Department of Meteorology

Facilitate establishment of APCC one-tier seasonal prediction system and assessment of characteristics and forecast of 2009/2010 climate anomalies.

GNS Science International Limited \$115,100

Regional Partnerships for Climate Change Adaptation and Preparedness

Gaines, James R Vice President for Research

The Pacific Disaster Center will provide GIS Specialist services as part of an Asian Development Bank Climate Change Adaptation and Preparedness Program

Oz Import \$68,100

Enhancing Proteaceae Flower and Foliage Postharvest Life

Paull, Robert E Department of Tropical Plant and Soil Sciences

The postharvest life of Proteaceae flower and foliage is limited by leaf blackening, and foliage and flowers by dehydration. This project will build upon what is known about approaches to limit leaf blackening and dehydration.

Hawaii- Government Agencies

County of Maui - Dept of Water Supply \$85,500

West Maui Mountains Watershed Protection

Morden, Clifford W Department of Botany

Conduct ecosystem management and data collection in the West Maui Mountains watershed lands.

Health, Dept - Alcohol & Drug Abuse Div-HI \$234,283

Services to Evaluate and Monitor Substance Abuse Service Outcomes and Process Evaluation Activities of the Alcohol and Drug Abuse Division Funded;

Yuen, Sylvia H L Center on the Family

Evaluate and monitor substance abuse outcomes and process evaluation activities of the Hawaii Department of Health, Alcohol and Drug Abuse Division funded activities.

Health, Dept - HI \$474,963

Hawaii Physical Activity and Nutrition Coalition

Maddock, Jason E. 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.

Gifts, Grants, and Contracts for June 2010

Research

Hawaii- Government Agencies

Health, Dept - HI	\$940
<u>Preventing Recurrent Falls in Elderly: A Multidisciplinary Intervention Study</u>	
Ursic, Caesar	Department of Surgery
The goal of this project is to determine if a multidisciplinary fall prevention program can decrease the number of recurrent falls in elderly patients who are treated at the Queen's Medical Center Emergency Dept. due to a fall.	
Health, Dept - HI	\$101,440
<u>Evaluation for the Hawaii State Department of Health Nutrition Education Network (SNAP-Ed)</u>	
Heinrich, Katie	Department of Public Health Sciences and Epidemiology
Provide program evaluation and research services for the Hawaii State Department of Health, Nutrition Education Network's Supplemental Nutrition Assistance Program - Nutrition Education. This includes evaluating population needs and providing training and technical assistance as necessary.	
Human Services, Dept - HI	\$107,957
<u>Healthy Child Care Hawaii</u>	
Iwaishi, Louise K	Department of Pediatrics
A collaborative effort between University of Hawaii's School of Medicine- Department of Pediatrics, American Academy of Pediatrics Hawaii Chapter and Department of Health. Project goals include expanding a system of child care health consultants, provide training for pediatric residents, promoting health and safety in child care.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$6,000
<u>Kauai Lagoons Nene Translocation Project</u>	
Duffy, David C	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.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$85,000
<u>Natural Area Reserve Management: Natural Area Reserves Project Coordinator</u>	
Duffy, David C	Department of Botany
Research and manage endangered species in their protective habitats in the state's natural area reserves with a focus on the native ecosystem and species diversity.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$540,666
<u>Support for the HISC Program</u>	
Duffy, David C	Department of Botany
Coordinate invasive species management, assess new invasive species risks, ensure good science is applied to management plans, and implement a public outreach program.	
Land & Natural Res, Dept - HI	\$77,153
<u>Natural Area Reserves Management: Kauai Island FY 2010</u>	
Duffy, David C	Department of Botany
Research and manage endangered species in their protective habitats in the state's natural area reserves with a focus on the native ecosystem and species diversity.	
Land & Natural Res, Dept - HI	\$76,797
<u>Restoration Research on Oahu's Lowland Rare Plants</u>	
Morden, Clifford W	Department of Botany
Establish an effective outplanting and restoration program for rare lowland plants on Oahu.	

Gifts, Grants, and Contracts for June 2010

Research

Hawaii- Government Agencies

Land & Natural Res, Dept - HI	\$330,000
<u>Cooperative Administration of FADs</u>	
Holland, Kim N	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	\$90,800
<u>Detecting Pests and Diseases in Urban Areas</u>	
Duffy, David C	Department of Botany
Conduct literature review for potential forest pests, conduct surveys in Oahu's urban forest areas for new pests, develop watch lists and outreach program.	
Land & Natural Res, Dept - HI	\$50,000
<u>Ko'olau Mountains Watershed Partnership Management Plan Implementation, FY 2010</u>	
Morden, Clifford W	Department of Botany
Research and manage watershed conservation on the Koolau Mountains on Oahu.	
Public Safety, Dept - HI	\$27,500
<u>Affiliation Agreement for Consultative, Assessment, and Training Services</u>	
Haning III, William F	Department of Psychiatry
Provide consultative, assessment, and training services to the State of Hawaii, Department of Public Safety	
Transportation, Dept - HI	\$31,409
<u>Island Mapping of Chloride Deposition Rate</u>	
Robertson, Ian N	Department of Civil and Environmental Engineering
Monitoring of atmospheric chloride content at various locations on Oahu in order to develop a chloride deposition rate map for use by HDOT in corrosion prediction.	

Hawaii- Health Organizations

Kaiser Permanente - HI	\$65,168
<u>Development of a Cardiovascular Disease Surveillance System in the CVRN</u>	
Novotny, Rachel	Department of Human Nutrition, Food and Animal Sciences
To establish a surveillance system for cardiovascular disease in as many of the 15 centers of the Cardiovascular Disease Research Network (CVRN) as are willing to participate, and to use the data from this system as a framework for address two of the NHLBI topics of interest, comparative effectiveness and novel methods of monitor health disparities.	
Waianae Coast Comprehensive Health Ctr	\$4,262
<u>Program Evaluations - Waianae Coast Comprehensive Health Care Center</u>	
Guanson, Haaheo	School of Social Work
Conduct evaluation (qualitative and quantitative) of the impact of the Waianae community health program in Waianae, Hawaii.	

Gifts, Grants, and Contracts for June 2010

Research

Hawaii- Non-Profit Organizations

HCF-Geist Foundation	\$50,000
<u>Individual and Interactive Roles of Mercury, Selenium, and Omega-3 Fatty Acids on Infant/Child Neurodevelopment</u>	
Berry, Marla J	Department of Cell and Molecular Biology
Fish is an excellent dietary source of omega-3 fatty acids and selenium, but women have been advised to avoid fish during pregnancy due to concerns about mercury exposure. We are investigating correlations between mercury, selenium, omega-3 fatty acids, and neurological development in children in Hawaii.	
Hawaii Community Foundation (HCF)	\$50,000
<u>The Role of CD43 in Macrophage-Mediated Atherosclerosis</u>	
Boisvert, William	Department of Medicine
This proposal will study the role of a cell surface molecule called CD43 in macrophage-mediated atherosclerosis. The major goal is to investigate how CD43 affects macrophage function and how these changes in macrophage function in turn affect the development of atherosclerosis.	
Oceanic Institute - Ctr for Tropical & Subtrpcl Aquaculture (CTSA)	\$20,000
<u>Evaluating an Engineered Biological Treatment Process for the Application of Aquaculture Waste and Wastewaters.</u>	
Yang, Ping-Yi	Department of Molecular Biosciences and Bioengineering
Design and test an effective treatment method for aquaculture wastes/wastewaters.	
University of Hawaii Foundation	\$94,551
<u>An Assessment of Effects of Gillnets</u>	
Friedlander, Alan M	Department of Zoology
In order to determine the effectiveness of gillnet regulations on fish stocks, nearshore surf zone fishes on windward Oahu are being sampled using beach seines in a before-after-control-impact design. In addition, fishing effort is being monitored to examine fishing patterns and practices along windward Oahu.	
University of Hawaii Foundation	\$50,000
<u>Development of Neuroblastoma Therapeutics by Optimization of Polyamine Inhibitor Strategy</u>	
Bachmann, Andre S.	Cancer Research Center
The scope of the proposed work is to identify a potent drug combination to treat neuroblastoma. We have introduced DFMO to the clinic for the treatment of neuroblastoma, and we propose to study the effect of polyamine transport inhibitor AMXT1501 alone and combined with DFMO, in cell culture and in animals.	
University of Hawaii Foundation	\$100,000
<u>Connexin43 Bridge Funds</u>	
Lau, Alan F	Cancer Research Center
Support for the Connexin43 project of Dr. Alan Lau pending resubmission to NIH.	
University of Hawaii Foundation	\$45,424
<u>Therapeutic LOX Inhibitors</u>	
Csiszar, Katalin	Department of Complementary and Alternative Medicine
Testing and development of LOX inhibitors for therapeutic use.	

Gifts, Grants, and Contracts for June 2010

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation	\$15,000
<u>UHF Pseudoxanthoma Elasticum</u>	
Le Saux, Olivier	Department of Cell and Molecular Biology
The scope of the work to establish a connection between the function of the lymphatic vessel and elastic fibers in the context of the disease pseudoxanthoma elasticum.	
University of Hawaii Foundation	\$3,000
<u>Castle Research Associates</u>	
Allsopp, Richard	Dept Anatomy, Biochemistry, Physiology and Reproductive Biol
To assess TERT expression levels in PGC during development; to analyze the expression of candidate transcriptional TERT inhibitors in PGC; and to analyze the role of candidate TERT inhibitors in the regulation of TERT expression in PGC.	
University of Hawaii Foundation	\$20,000
<u>Pineapple Research</u>	
Paull, Robert E	Department of Tropical Plant and Soil Sciences
To carry out applied research to address Hawaii's Pineapple Industry needs.	
University of Hawaii Foundation	\$5,000
<u>Cell and Molecular Biology Program</u>	
Humphreys, Tom D II	Pacific Biosciences Research Center
Study of development and regeneration of neural structures of Ptychodera Flava.	
University of Hawaii Foundation	\$5,000
<u>Neurobehavioral Research</u>	
Lenz, Petra H	Pacific Biosciences Research Center
The effect of neuropeptides on crustacean biology will be investigated using growth, behavior and immunohistochemistry using the shrimp Litopenaeus vannamei as a model organism.	
University of Hawaii Foundation	\$5,000
<u>Cell and Molecular Biology Program</u>	
Humphreys, Tom D II	Pacific Biosciences Research Center
Study of development and regeneration of neural structures of Ptychodera Flava.	

Mainland- Business and Other

Cellana LLC	\$30,212
<u>High Throughput Screening (HTS) of Algal Strains for Optimal Biomass and Lipid Production - Measurements of N2O and CH4 Fluxes at the Kona Pilot Facility (KPF)</u>	
Ho, David	Department of Oceanography
Measure the exchange of nitrous oxide and methane gases from the ponds at the Kona Pilot Facility	
Incorporated Research Institutions for Seismology (IRIS)	\$5,000
<u>GSN Hawaii</u>	
Butler, Rhett	Hawaii Institute of Geophysics and Planetology
Global seismicographic network research in Hawaii and worldwide.	

Gifts, Grants, and Contracts for June 2010

Research

Mainland- Business and Other

National Renewable Energy Lab	\$47,500
<u>System Contaminant Testing and Analysis for Proton Exchange Membrane Fuel Cells</u>	
Rocheleau, Richard E	Hawaii Natural Energy Institute
Testing and analysis to examine system contaminants affecting catalyst kinetics and membrane/ionomer conductivity.	
Sierra Lobo, Inc.	\$30,000
<u>Sierra Lobo Helium Recovery Project, Phase 2</u>	
Rocheleau, Richard E	Hawaii Natural Energy Institute
HNEI will study the feasibility of employing the H ₂ and/or O ₂ starvation operation, to purify Helium (He) rich gas streams. Testing shall be conducted over a range of contamination levels and over a variety of practical operating conditions to be determined with Sierra Lobo.	
Space Telescope Science Institute	\$32,587
<u>Investigations of the Pluto System</u>	
Tholen, David J	Institute for Astronomy
We propose a set of high observations of the Pluto system that will provide improved lightcurves, orbits, and photometric properties of Nix and Hydra.	
TEC, Inc	\$86,436
<u>Coral Reef Resources Surveys for Apra Harbor and Four Watersheds in Southwestern Guam</u>	
Dollar, Steven J	School of Ocean and Earth Science and Technology
Conduct surveys of various coral reef habitats in Guam to evaluate suitability for providing areas for mitigative actions to offset impacts to areas to be dredged for upgrading harbor facilities to accommodate nuclear aircraft carriers.	

Mainland- Health Organizations

American Heart Association	\$46,796
<u>Mathematical Modeling of the HIF-1 Pathway in the Heart</u>	
Shohet, Ralph Victor	Department of Medicine
Development of a mathematical model of the activity of Hypoxia Inducible Factor Type 1 in the heart. Experimental data will be used to generate necessary data for equations associated with Hypoxia in the heart tissue.	

Mainland- Non-Profit Organizations

Consortium for Ocean Leadership	\$14,972
<u>A Nd-Pb-Sr Isotopic Study of Shatsky Rise Basement, IODP Site U1350</u>	
Mahoney, John	Department of Geology and Geophysics
Isotope ratios of Nd, Sr, and Pb (high precision) and corresponding parent-daughter ratios will be measured for basalts recovered from International Ocean Drilling Program Expedition Site U1350 to help test a mantle plume vs. non-plume origin for Shatsky Rise, a California-size oceanic plateau in the North Pacific.	
Consortium for Ocean Leadership	\$14,832
<u>Investigation of the Source of Magmas that Erupted at Shatsky Rise Using Os and Hf Isotopes</u>	
Garcia, Michael	Department of Geology and Geophysics
This research on Shatsky Rise will look into the nature of the source of magmas and also at the physical volcanology and emplacement history of lavas.	

Gifts, Grants, and Contracts for June 2010

Research

Mainland- Non-Profit Organizations

Consortium for Ocean Leadership \$14,969

IODP Expedition Participation on Expedition 313

Mottl, Michael J Department of Oceanography

International marine research drilling program involving 20 nations. Mainly to conduct expeditions designed to advance scientific understanding of the Earth with other scientists.

Policy Studies Organization, The \$80,000

Risk, Hazards & Crisis in Public Policy Journal Editorial Services

Gaines, James R Vice President for Research

The Pacific Disaster Center will provide editorial services for the Policy Studies Organization's journal, Risk, Hazards & Crisis in Public Policy.

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$50,000

Dynamics of Ground Ice on Mars: A New Numerical Method for Atmosphere-Subsurface Vapor Exchange and its Application to Mars

Schorghofer, Norbert Institute for Astronomy

Perform computer analysis for climate simulations on Mars.

National Aeronautics & Space Administration \$36,233

Aquarius Salinity Calibration, Error Quantification, Signal-to-Noise Analyses, and Resolution Studies Using Historical and Concurrent Data

Maximenko, Nikolai A Department of Oceanography

The project will use the Aquarius mission to provide the best possible product, to characterize the space-time variability of salinity fronts, to quantify and improve the accuracy and signal-to-noise characteristics of both gridded and along-track products, and to assess the value of Aquarius with respect to existing observations.

National Aeronautics & Space Administration \$28,560

Integrating MESSENGER Data to Investigate the Origin of Mercury's Intercrater and Smooth Plains Deposits

Gillis-Davis, Jeffrey Hawaii Institute of Geophysics and Planetology

The proposed work will investigate the origin of Mercury's Smooth plains and intercrater plains using data from the Mercury Surface, Space Environment, Geochemistry, and ranging (MESSENGER) mission. The main tasks of the proposal include; create a prioritized list of geologic targets, and integrate X-ray, gamma-ray, neutron, and spectral data to map these two units.

National Aeronautics & Space Administration \$108,816

Combined Raman, Fluorescence, and Lidar Multi-Sensors (RFLMS) for Remote Mineralogical, Biological and Planetary Atmospheric Exploration

Sharma, Shiv K 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 \$54,000

A Combined Doppler-Photometric Search for Planets Around M Dwarf Stars

Gaidos, Eric J. Department of Geology and Geophysics

Search for short-period planets around a set or recently identified nearby late K and early M dwarf stars, building on the success of a search for "hot" Neptune-mass planets around solar-type stars, using Doppler radial velocity measurement and transit detection techniques.

Gifts, Grants, and Contracts for June 2010

Research

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$50,037
Seasonality of Slope Streak Formation
Schorghofer, Norbert Institute for Astronomy
Analyze slope streak formation on Mars in regards to wind, temperature, dust devil activity, dust storms and other environmental activity.

National Science Foundation

National Science Foundation \$446,113
Dynamics of Near-Surface Eastward Flows in the South Indian Ocean
McCreary, Julian P Jr. International Pacific Research Center
The proposal is to analyze ocean observations and conduct numerical experiments to understand the dynamics of near-surface eastward flows in the South Indian Ocean.

National Science Foundation \$77,191
Cyber-Enabled Radio Propagation Prediction for the Design of Advanced Wireless Communications Systems
Yun, Zhengqing Hawaii Center for Advanced Communications
Study electromagnetic (EM) wave propagation for the design of advance wireless communications systems by exploiting the geospatial resources on the Internet.

National Science Foundation \$200,000
NeTS: Small: Collaborative Research: Predictable Delivery for Large-Scale Real-Time Applications
Dong, Yingfei Department of Electrical Engineering
Real-time communications. Cyber physical system.

National Science Foundation \$114,367
Collaborative Research: Crustal Accretion and Mantle Processes Along the Subduction Influenced Eastern Lau Spreading Center
Dunn, Robert A. Department of Geology and Geophysics
Active and passive source seismic experiment along the Eastern Lau Spreading Center to image crustal and mantle structure.

US Colleges and Universities

Arizona, University of \$25,000
ASIC Development Testing for the James Webb Space Telescope
Hall, Donald N Institute for Astronomy
To continue the performance of application specific integrated circuit development testing for space telescopes.

California Berkeley, University of \$169,260
Collaborative Research with the SuperNova Integral Field Spectrograph (SNIFS) and the University of Hawaii 2.2 Meter Telescope
Aspin, Colin Institute for Astronomy
To continue collaboration with the Nearby Supernova Factory and the University of California in providing telescope time for the SNIFS instrument to conduct supernova studies.

Gifts, Grants, and Contracts for June 2010

Research

US Colleges and Universities

California Davis, University of	\$15,000
<u>2010 IR-4 Western Region Food Use Field Trial Program</u>	
Kawate, Michael K	Department of Plant and Environmental Protection Sciences
To conduct the following three (3) field trials in compliance with EPA Good Laboratory Practice Standards (GLP's): bifentazate in banana (2 locations), and cyprodinil+fludioxonil in guava (1 location).	
California Institute for Energy Efficiency	\$188,866
<u>Climate Vulnerability and Adaptation Study for California</u>	
Brooks, Benjamin A	Hawaii Institute of Geophysics and Planetology
To measure ground-motion associated with the Sacramento Delta's man-made levee system using space-based synthetic aperture radar interferometry and ground-based terrestrial laser scanning.	
California State University, Northridge	\$16,704
<u>Coral Reefs in the US Virgin Islands: 1987-2019</u>	
Gates, Ruth D	Hawaii Institute of Marine Biology
DNA genotyping of endosymbiotic dinoflagellates harbored by corals collected from St John, USVI	
Dartmouth College	\$32,784
<u>Media Influences on Early Onset Alcohol Use</u>	
Wills, Thomas	Cancer Research Center
Conceptualizing & analyzing data on media smoking exposure & adolescent & young adult outcomes; set up mediation & moderation analyses for effects of movie smoking exposure & will coordinate with the statistical consultant on incorporating time-varying effects in the analyses.	
Dartmouth College	\$11,796
<u>Visual Media Influences on Adolescent Smoking Behavior</u>	
Wills, Thomas	Cancer Research Center
Conceptualizing & analyzing data on media smoking exposure & adolescent & young adult outcomes; set up mediation & moderation analyses for effects of movie smoking exposure & will coordinate with the statistical consultant on incorporating time-varying effects in the analyses.	
Scripps Institution of Oceanography (UC San Diego)	\$110,182
<u>Estimating Ocean Mixing and Form Drag in the Tropical Pacific</u>	
McCreary, Julian P Jr.	Department of Oceanography
The proposed work evaluates ocean mixing using ocean state estimation and explores interaction of mixing fields with large scale dynamics of the tropical ocean.	

Subcount: 91 Subtotal: \$14,396,725

Non-Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Adm for Children & Families (ACF)	\$542,000
<u>Pacific Basin University Centers for Excellence</u>	
Stodden, Robert A	Center on Disability Studies
The Pacific Basin University Center for Excellence (PBUCE) in Developmental Disabilities achieves it goals through governance, technical assistance & mentorship activities, to further develop the capacity of the Centers to	

Gifts, Grants, and Contracts for June 2010

Non-Research

DHHS-Dept of Health and Human Services

fulfill the requirements of DD Act and basic management/organizational administration components.

Health & Human Svc, Dept - FED	\$542,000
<u>University Center for Excellence in Developmental Disabilities Education, Research & Service</u>	
Stodden, Robert A	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.	
Health & Human Svc, Dept - Hlth Res & Svcs Adm (HRSA)	\$45,914
<u>Advanced Education Nursing Traineeship Program</u>	
Koury, Merle	School of Nursing and Dental Hygiene
Advanced Education Nursing Traineeship Project is a grant awarded to eligible institutions to provide financial support through traineeship for registered nurses enrolled in advanced education nursing programs to prepare nurse practitioners, clinical nurse specialists, nurse administrators, and other specialties.	
Health & Human Svc, Dept - Hlth Res & Svcs Adm (HRSA)	\$1,096,079
<u>Native Hawaiian Center of Excellence 93.157</u>	
Judd, Nanette	Department of Native Hawaiian Health
Continue the work of the Native Hawaiian Center of Excellence in research training and development, education and cultural competence.	
Health & Human Svc, Dept - Natl Inst of Health (NIH)	\$10,715
<u>Minority Access to Research Careers</u>	
Couvillon, Patricia A	Pacific Biosciences Research Center
The grant will support the research training and academic preparation of honors-level underrepresented minority students in the biological and behavioral sciences to facilitate their entry into Ph.D. programs.	
Health & Human Svc, Dept - Natl Inst of Health (NIH)	\$377,372
<u>Minority Access to Research Careers</u>	
Couvillon, Patricia A	Pacific Biosciences Research Center
The grant will support the research training and academic preparation of honors-level underrepresented minority students in the biological and behavioral sciences to facilitate their entry into Ph.D. programs.	
Health & Human Svc, Dept - Natl Inst of Health (NIH)	\$104,782
<u>Office of Research Development (EARDA)</u>	
Inouye, Jillian	Department of Nursing
The School of Nursing and Dental Hygiene, the Manoa lead for the Extramural Associated Development Award effort, will collaborate with the Office of Sponsored Research to enhance faculty research in the biomedical and behavioral sciences by offering workshops and seminars; providing a mentoring/collaborative program; and supporting pilot research.	

Gifts, Grants, and Contracts for June 2010

Non-Research

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$23,422
<u>Assessment and Habitat Restoration for Two NOAA Species of Concern in Kaneohe Bay, Oahu, Hawaii</u>	
Hunter, Cynthia L.	Biology Program
Train students to conduct field surveys to monitor the abundance of two Species of Concern, remove alien algae from their vicinity, and transplant/monitor native sea urchins as biocontrol agents.	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$30,000
<u>A Model for Coastal Community Climate Adaptation Recommendations and Strategies</u>	
Grau, E Gordon	Sea Grant College Program
To develop a model by which communities throughout Hawaii will be provided with sufficient information and options to consider future planning alternatives in relation to climate adaptation.	
Commerce, Dept/NOAA - Natl Marine Fisheries Svc	\$225,189
<u>UH Manoa Marine Option Program Support</u>	
Hunter, Cynthia L.	Waikiki Aquarium
Support UH Marine Option Program Director (25%), Manoa Coordinator, Student Coordinator, Student Office Assistants, travel, grant management training, field and office supplies, and study center computers/software.	

DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch	\$8,440,000
<u>The Panoramic Survey Telescope and Rapid Response System (Pan-STARRS) Project</u>	
Kaiser, Nicholas	Institute for Astronomy
Design and construction of the Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)	
Defense, Dept - Office of Naval Research	\$196,201
<u>Research Vessel Operations and At-Sea Technical Services, University of Hawaii 2009-2011</u>	
Shor, Alexander N	School of Ocean and Earth Science and Technology
To provide ONR with ship time and technical support in 2009 on R/V Kilo Moana.	
Defense, Dept - Office of Naval Research	\$203,000
<u>Research Vessel Operations and At-Sea Technical Services, University of Hawaii 2009-2011</u>	
Shor, Alexander N	School of Ocean and Earth Science and Technology
To provide ONR with ship time and technical support in 2009 on R/V Kilo Moana.	

DOI-Dept of Interior

Interior, Dept - Office of Insular Affairs	\$150,000
<u>UH-PBCP AAPI Student Internship Grant</u>	
Morton, John F	Vice President for Community Colleges
This continuation grant will be used to expand its student internship program to support PBCP's work in economic development, diversification, and infrastructure building in the American Affiliated Pacific Islands.	

Gifts, Grants, and Contracts for June 2010

Non-Research

ED-Dept of Education

Education, Dept - FED \$150,000

Strengthening the CORE (Center on Responsive Education)

Pagotto, Louise Chancellor, Kapiolani Community College

Strengthening the CORE is a program improvement project that will develop within the College's new ecology of learning for CORE students. Learning experiences for 30-40 students annually will be expanded and enriched in: classrooms/practicum sites, the new CORE Lab, the community, cyberspace, and other sites.

Education, Dept - FED \$81,651

Fulbright-Hays Doctoral Dissertation Award

Tokuno, Kenneth A Graduate and Professional Education

Conduct research outside the United States in the fields of Anthropology, English, Geography, History, Sociology and Theatre as part of doctoral dissertation work.

Education, Dept - FED \$200,000

Project Manawa Kupono (Opportunity): Preparing Educators to Improve Outcomes for Students with Autism

Wells, Jenny Department of Special Education

This four-year project will recruit & prepare 30 M.Ed. trainees (2 cohorts of 15) to be special education teachers for students with autism. Program graduates will be eligible for special education licensure in Hawaii.

Education, Dept - FED \$196,092

Adapted Physical Education Training of u.S. Pacific Islanders Using a Teacher-Consultant Model (Project APERT)

Murata, Nathan M Kinesiology and Leisure Science Department

Project APERT is based on a Teacher-Consultant Model that will increase the number of qualified personnel providing general and adapted physical education services to P-12 pupils with high and how incidence disabilities in American Samoa, Guam and rural areas of Hawaii.

Education, Dept - FED \$426,991

Maui County Educational Opportunity Center

Tagomori, Alvin R Chancellor, University of Hawaii Maui College

Provide college access services - Career exploration, college and financial aid information and application assistance - to predominantly low-income generation Maui county residents.

Education, Dept - FED \$463,896

Leeward Community College - Regular Upward Bound: 2007-2012

Hoshino, Sandy Chancellor, Leeward Community College

Provide college preparatory services for high school youth. Program's purpose is to increase academic performance and college going rates in low income and first generation students.

Education, Dept - Ofc of Postsecondary Ed-FED \$39,363

Improving Engagement and Retention Among Underprepared Students

Pecsok, Michael H Chancellor, Leeward Community College

Supplemental budget request is to develop resources for use of technology and innovative practices in education.

Gifts, Grants, and Contracts for June 2010

Non-Research

Federal Agencies

Homeland Security, Dept - Fed Emer Mgmt Agcy (FEMA)	\$1,759,674
<u>National Disaster Preparedness Training Center (NDPTC) - Support of the Pacific Region Training Initiative (PRTI)</u>	
Gaines, James R	Vice President for Research
Develop Hilo satellite office and deliver all hazards training for responders.	
Labor, Dept - Employment & Training Admin-FED	\$3,996,000
<u>Remote Rural Hawaii Job Training and Educational Opportunities</u>	
Sakamoto, Clyde M	Chancellor, University of Hawaii Maui College
This project will provide vocational and educational training to residents of rural Hawaii utilizing the UH Community	

Foreign

American Samoa, Govt of	\$47,800
<u>American Samoa Early Childhood Education Project -2010</u>	
Zuercher, Deborah	College of Education
To provide courses which lead towards Early Childhood endorsement through the bachelor of education degree via the Territorial Teacher Training Assistance Project in American Samoa.	
American Samoa, Govt of	\$40,000
<u>Pacific Regional Comprehensive Cancer Control Implementation Program (subcontract from American Samoa Department of Health)</u>	
Palafox, Neal A	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.	
Antarctic Science Ltd	\$6,545
<u>West Antarctic Peninsula Fjords (WAP): Benthic Community Structure and Function in Climate Sensitive Ecosystems</u>	
Smith, Craig R	Department of Oceanography
Preliminary studies show the fjords along the WAP to have extraordinary megafaunal biomass and diversity compared the open shelf. We will analyze food web structure, species composition and biodiversity patterns using mega- and macrofaunal samples, and interpret these patterns in the broader context of climate warming.	
Bundesanstalt fur Geowissenschaften und Rohstoffe (BGR)	\$274,841
<u>RV Kilo Moana MANGAN 2009 Cruise</u>	
Taylor, Brian	School of Ocean and Earth Science and Technology
Support for vessel operations on a 36-day research cruise on R/V Kilo Moana for German Federal Institute of Geosciences & Natural Resources.	
High Energy Accelerator Research Orgn (KEK)	\$54,855
<u>JFY2010 US/Japan Program for Coopertion in High Energy Physics for the High Luminosity R&D</u>	
Varner, Gary S	Department of Physics and Astronomy
Development of an x-ray readout array capable of turn-by-turn monitoring of the coded aperture masks needed to determine beam bunch vertical dimensions of nanometer sized beams in real time.	

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Business and Other

Hawaii Council for the Humanities	\$1,380
<u>In the Footsteps of Isabella Bird</u>	
Sutherland, Ross	Department of Geography
To place and exhibit in the Hawaii State Library in February and March 2011 on the journeys and books of 19th century geographer Isabella bird.	
Hawaiian Electric Co, Inc	\$6,000
<u>Data Acquisition System Troubleshooting, Repair, Monitoring, and Maintenance of Photovoltaic Systems" for HECO SunPower for Schools Program</u>	
Miller, Eric L	Hawaii Natural Energy Institute
The Hawaii Natural Energy Institute (HNEI) at the University of Hawaii at Manoa (UH) will perform consulting work for the Hawaiian Electric Company (HECO), providing recommendations for repairing, maintaining and operation data acquisition systems at HECO-specified photovoltaic installation sites in the "SunPower for Schools" program.	
Kamehameha Schools	\$45,185
<u>2009 Summer Exploration Program</u>	
Shigehara, Deborah	Chancellor, Hawaii Community College
Provide high school students the opportunity during the summer to explore a field that they may want to pursue by enrolling in a 60-hour high school elective course.	
Pacific Radiation Oncology, LLC	\$35,303
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-PRO-SURG</u>	
Takanishi, Danny M Jr.	Department of Surgery
Agreement to provide physician and physician related services for Fiscal Year 2011.	

Hawaii- Dept of Education

Education, Dept - HI	\$38,612
<u>UHHCC and DOE Student Sustainability Internship Program (SSIP)</u>	
Silliman, Mark D	Chancellor, Honolulu Community College
Student interns will work 15 hours per week to research methodologies; perform the baseline assessment including water energy and waste-stream measurements; mentor the Keone'ula students; prepare a detailed report of their findings; and present the findings to the DOE.	
Education, Dept - HI	\$150,000
<u>Kapalama Algebra Readiness in the Elementary School: KARES</u>	
Olson, Melfried	Curriculum Research and Development Group
This program will provide for three-years of staff development in mathematics for teachers at Kapalama Elementary School.	
Education, Dept - HI	\$222,606
<u>A Proposal for Training and Service to the Department of Education</u>	
Mueller, Charles	Department of Psychology
To provide assessment and behavioral health services to Hawaii Department of Education in the context of graduate training in the Psychology Department.	

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Government Agencies

Agriculture, Dept - HI		\$15,000
<u>Eat a Rainbow Campaign</u>		
Takahashi, Ronald K	Chancellor, Kapiolani Community College	
Staging 3 or more community promotional events under the title of "Eat a Rainbow" with partner organizations to promote the consumption and sales of specialty crops (fruits and vegetables), targeting families and children. Participants will be directed to purchase fruits and vegetables with different colors of the rainbow.		
Business, Econ Dev & Tourism, Dept (DBEDT) - HI		\$3,000
<u>Hawaii Clean Energy Seminar</u>		
Miyashiro, Sharon Y	Department of Urban and Regional Planning	
Sponsorship of the Second Annual Hawaii Clean Energy Seminar held on June 4, 2010 at the YWCA on Richards Street.		
City & County of Honolulu		\$5,000
<u>2010 Manoa Jazz Festival</u>		
Slaughter, Timothy Roy	Outreach Community Programs	
The Community Services Division of Outreach College will be presenting a two-day music festival featuring music from out-of-state artists, local artists, and local high school ensembles. Performances are open to the general public with reasonably priced general admission and discounted tickets.		
Defense, Dept - Civil Defense-HI		\$5,000
<u>Tsunami Observer Program</u>		
Moravcik, Philip S	Water Resources Research Center	
To coordinate, update, train, and supply Tsunami Observers throughout the state of Hawaii. The goal is to safely and accurately record data of a tsunami, as it occurs, and to acquire post-tsunami run-up and inundation data. This data is vital to modeling, establishing and refining the State Tsunami Evacuation Maps.		
Hawaiian Affairs, Office of-HI		\$50,000
<u>WCC CNA to LPN to RN Pathway</u>		
Boyd, Jamie A.	Chancellor, Windward Community College	
Provide Nurse Aide training.		
Health, Dept - Adult Mental Health-HI		\$347,456
<u>Child Clinical and Admin Services - CAMHD</u>		
Guerrero, Anthony P	Department of Psychiatry	
Provide psychiatric services to the Department of Health, Child, and Adolescent Mental Health Division as outlined		
Health, Dept - HI		\$110,000
<u>Title X Family Planning and Reproductive Health Services</u>		
Nichols, Andrew	Health and Wellness	
To provide Family Planning services and supplies to women and men of reproductive age within the Leeward Community College community, with a focus on low income and hard-to-reach individuals.		
Health, Dept - HI		\$25,042
<u>Critical Care Emergency Medical Transport Provider Program</u>		
Lanzilotti, Salvatore	Chancellor, Kapiolani Community College	
Establish & provide the Critical Care Emergency Medical Transport Provider Program, a course developed by the		

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Government Agencies

University of Maryland Baltimore County, in the State of Hawaii. Provide Hawaii State licensed paramedics & registered nurses with the necessary skills to perform critical care level, bed-to-bed, patient transfers.

Health, Dept - HI	\$144,000
<u>EMT Training Stipend Program</u>	
Brumblay, Robert	Chancellor, Kapiolani Community College
Stipend program for Emergency Medical Technicians who wish to receive Mobile Intensive Care Technician (MICT) training.	
Health, Dept - HI	\$182,753
<u>Mental Health Proof of Concept</u>	
Morelli, Paula T	School of Social Work
Targeted organizational needs assessment, training, and technical assistance, cost effectiveness monitoring and sustainability planning for Child and Adolescent Mental Health division proof of concept.	
Health, Dept - HI	\$348,616
<u>Adult Residency Contract, ASO Log No. 06-140</u>	
Matsu, Courtenay	Department of Psychiatry
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.	
Health, Dept - HI	\$20,000
<u>HTH-56-CW-002, Title X Family Planning Services, University of Hawaii-Kauai community College Campus Wellness Center, ADM. SERV. OFFICE LOG NO. 09-042</u>	
Ono, Charlene	Chancellor, Kauai Community College
Expand family planning services to high-risk populations and community education through outreach.	
Health, Dept - HI	\$51,050
<u>HTH-560-CW-002, Title X Family Planning Services University of Hawaii-Kauai Community College Campus Wellness Center</u>	
Ono, Charlene	Chancellor, Kauai Community College
Expand family planning services to high-risk populations and community education through outreach.	
Health, Dept - HI	\$240,249
<u>Research, Evaluation and Training Program</u>	
Mueller, Charles	Department of Psychology
Psychology Department and Department of Health Child and Adolescent Mental Health Division (DOH-CAMHD) collaborate to provide research and evaluation services for CAMHD and provide research and evaluation training for graduate psychology student.	
Health, Dept - HI	\$110,000
<u>Network of Care Technical Assistance and Peer Educators Services</u>	
Stodden, Robert A	Center on Disability Studies
The project, in cooperation with Mental Health Transformation project, will train a cadre of part time Network of Care Peer Educators to provide one on one consultation on Network of Care/Wellness Recovery Action Plans to clients visiting Department of Health Community Mental Health Clinics.	

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Government Agencies

Health, Dept - HI	\$28,480
<u>Emergency Pediatric Care Program</u>	
Brumblay, Robert	Chancellor, Kapiolani Community College
To provide Emergency Pediatric Care (EOC) courses for State Licensed EMS providers in Hawaii, address completion of the EPC instructor's training, maintain/sustain program maintenance costs and implement specific program improvements.	
Health, Dept - State Office of Rural Health-HI	\$9,950
<u>Hawaii State Rural Health Association Website Improvement Project</u>	
Withy, Kelley Marie	Department of Complementary and Alternative Medicine
Significant overhaul of HRHA website. survey needs, incorporate priorities into a website development plan, design and populate website, train HSRHA staff/members to learn how to update the site, maintain complete and accurate records of transactions.	
Human Services, Dept - HI	\$372,163
<u>Bridge to Hope Student Support</u>	
Bill, Teresa J	Vice Chancellor for Student Affairs
University of Hawaii will administer and provide campus work opportunities to eligible TANF/TAONF students through its Bridge to Hope program on all University of Hawaii campuses state-wide.	
Labor & Industrial Relations, Dept - HI	\$15,000
<u>Tourism Workforce Coordination Project</u>	
Liu, Juanita C	School of Travel Industry Management
To provide staff and support services for tourism workforce coordination initiatives of the Tourism Workforce Development Master Plan for Implementation: 2007-2015 of the Hawaii Tourism Authority (HTA).	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$44,766
<u>Statewide Endangered Plant Program - Plant Restoration and Enhancement - Olinda</u>	
Kaneshiro, Kenneth Y	Pacific Biosciences Research Center
Provide services for ex situ propagation and maintenance of critically endangered Hawaiian plant species at Olinda Rare Plant Facility.	
Land & Natural Res, Dept - HI	\$48,500
<u>Miconia Control in the Koolau Range</u>	
Duffy, David C	Department of Botany
Conduct miconia survey and treatment in the Koolau Mountains, focusing on immature miconia plants.	
Public Safety, Dept - HI	\$171,345
<u>Sex Offender Program Officer</u>	
Matsuoka, Jon K	School of Social Work
To provide a clinical director who is experienced in the administration of sex abuse education and treatment services in a correctional institution.	
Transportation, Dept - HI	\$50,000
<u>Court Monitoring Underage DUI Drinking and Driving Prevention Program</u>	
Yamane, Noreen R	Chancellor, Hawaii Community College
Court Monitoring - Underage Drinking & Driving Prevention program will provide underage DUI prevention education and outreach activities to reduce the incidence and prevalence of underage drinking and driving arrests,	

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Government Agencies

crashes and fatalities in Hawaii County.

Hawaii- Health Organizations

Kalihi-Palama Health Center	\$32,993
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-KPHC-OBGYN</u>	
Millar, Lynnae K	Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide physician and physician related services for the Fiscal Year 2011.	
Kapiolani Medical Center for Women & Children	\$98,000
<u>Faculty Support Agreement - FY2011, Agreement No. FSA11-KMCWC-OBGYN-MFM</u>	
Millar, Lynnae K	Department of Obstetrics, Gynecology, and Women's Health
Agreement for support of fellowship training program in Maternal Fetal Medicine.	
Kapiolani Medical Center for Women & Children	\$170,000
<u>Faculty Services Agreement - FY2011, Agreement No. FSA11-KMCWC-PEDS-CRP</u>	
Rudoy, Raul C	Department of Pediatrics
Agreement to provide physician and physician related services for Fiscal Year 2011.	
Kapiolani Medical Specialists	\$6,406
<u>UHM - Advanced Athletic Training Graduate Assistantship Program - Kapiolani Medical</u>	
Kimura, Iris F	Kinesiology and Leisure Science Department
Advanced education and research internship experience: A Board of Certification Athletic Trainers will participate in clinical and research experiences in order to enhance the educational and research application of athletic training/sports medicine practice.	
Kuakini Medical Center	\$183,168
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-Kuakini-Med</u>	
Tam, Elizabeth K	Department of Medicine
Agreement to provide physician and physician related services for FY2011.	
Kuakini Medical Center	\$59,966
<u>Reimbursement Agreement - FY2011, Agreement No. SF-11-KUAKINI-GERI</u>	
Masaki, Kamal H	Department of Geriatric Medicine
Agreement to provide physician and physician related services for FY2011.	
Pacific In Vitro Fertilization Institute	\$92,544
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-PIVF-OBGYN</u>	
Millar, Lynnae K	Department of Obstetrics, Gynecology, and Women's Health

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Health Organizations

Pacific In Vitro Fertilization Institute	\$75,000
<u>Faculty Support Agreement - Fiscal Year 2011, Agreement No. FSA11-PIVF-OBGYN</u>	
Millar, Lynnae K	Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide physician and physician related services for Fiscal Year 2011.	
Queen's Medical Center	\$210,563
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QEC-MED</u>	
Tam, Elizabeth K	Department of Medicine
Agreement to provide physician and physician related services for FY2011.	
Queen's Medical Center	\$339,859
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QEC-SURG</u>	
Takanishi, Danny M Jr.	Department of Surgery
Agreement to provide physician and physician related services for Fiscal Year 2011.	
Queen's Medical Center	\$95,074
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QMC-SURG-URO</u>	
Takanishi, Danny M Jr.	Department of Surgery
Agreement to provide physician & physician related services for Fiscal Year 2011.	
Queen's Medical Center	\$456,244
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QMC-SURG</u>	
Takanishi, Danny M Jr.	Department of Surgery
Agreement to provide physician & physician related services for Fiscal Year 2011.	
Queen's Medical Center	\$369,655
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QMC-Surg-Ortho</u>	
Takanishi, Danny M Jr.	Department of Surgery
Agreement to provide physician & physician related services for Fiscal Year 2011.	
Queen's Medical Center	\$189,723
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QEC-PEDS</u>	
Rudoy, Raul C	Department of Pediatrics
Agreement to provide physician and physician related services for FY2011.	
Queen's Medical Center	\$649,493
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QELC-MED</u>	
Tam, Elizabeth K	Department of Medicine
Agreement to provide physician and physician related services for Fiscal Year 2011.	

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Health Organizations

Queen's Medical Center	\$55,149
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-QMC-MED</u>	
Tam, Elizabeth K	Department of Medicine
Agreement to provide physician and physician related services for FY2011.	
Rehabilitation Hospital of the Pacific	\$17,602
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-REHAB-MED</u>	
Tam, Elizabeth K	Department of Medicine
Agreement to provide physician and physician related services for FY2011.	
Straub Clinic & Hospital	\$33,177
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-STRAUB-SURG</u>	
Takanishi, Danny M Jr.	Department of Surgery
Agreement to provide physician & physician related services for Fiscal Year 2011.	
University Clinical, Ed & Research Assoc. (UCERA)	\$21,954
<u>Reimbursement Agreement - FY2011, Agreement Number SF11-UCERA-OD-INTL</u>	
Izutsu, Satoru	John A. Burns School of Medicine
Agreement to provide physician and physician related services for FY2011.	
University Clinical, Ed & Research Assoc. (UCERA)	\$2,142,868
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-UCERA-PSYCH</u>	
Guerrero, Anthony P	Department of Psychiatry
Agreement to provide physician and physician related services for FY2011.	
University Clinical, Ed & Research Assoc. (UCERA)	\$23,453
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-UCERA-PEDS</u>	
Rudoy, Raul C	Department of Pediatrics
Agreement to provide physician and physician related services for fiscal year 2011.	
University Clinical, Ed & Research Assoc. (UCERA)	\$693,277
<u>Reimbursement Agreement - FY2011, Agreement No. SF11-UCERA-GERI</u>	
Masaki, Kamal H	Department of Geriatric Medicine
Agreement to provide physician and physician related services for Fiscal Year 2011.	
University Clinical, Ed & Research Assoc. (UCERA)	\$3,506,407
<u>Reimbursement Agreement FY2011 - Agreement No. SF11-UCERA-OB-GYN</u>	
Millar, Lynnae K	Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide physician and physician related services for Fiscal Year 2011.	

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Health Organizations

University Clinical, Ed & Research Assoc. (UCERA) \$104,586
Reimbursement Agreement - FY2011, Agreement No., SF11-UCERA-MED
Tam, Elizabeth K Department of Medicine
Agreement to provide physician and physician related services for fiscal year 2011.

Hawaii- Non-Profit Organizations

Institute for Native Pacific Education & Culture \$3,200
Coordination of the Evaluation of SPARK-Hawaii Year 5
Lai, Morris K Curriculum Research and Development Group
Coordinate the evaluation of the project's fifth year. Work includes data collection, analysis, development of database programs, and evaluation report writing.

University of Hawaii Foundation \$6,000
Hawaii War Records Depository
Zastrow, Janet K Library
Hire a project archivist who will be responsible for the appraisal, arrangement, and intellectual description of approximately 224 linear feet of manuscripts, phonographs, discs, and microfilm in the HWRD Collection.

University of Hawaii Foundation \$45,000
The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History
McNally, Mark Department of History
To partially support the salary and fringe benefits for the Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History.

University of Hawaii Foundation \$166,000
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 \$43,000
P-3 Evaluation/External Evaluator
Johnsrud, Linda K Vice President for Academic Planning and Policy
To perform evaluation of services to support grant deliverables with the goal of every child reading at grade level by grade 3. The data will be used to identify strategies to be replicated in other communities to achieve grant deliverables.

University of Hawaii Foundation \$25,000
Basic Institutional Needs
Sohn, Ho-Min Center for Korean Studies
Pay for student hourly wages.

University of Hawaii Foundation \$4,500
Mizushima International Kimono Program
Young, Donald B Jr. Curriculum Research and Development Group
To conduct the project entitled: "Mizushima International Kimono Program"

Gifts, Grants, and Contracts for June 2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation	\$14,686
<u>General Laborer II</u>	
Tamanaha, David S	Chancellor, University of Hawaii Maui College
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.	
University of Hawaii Foundation	\$25,000
<u>General Support of LCC</u>	
Lane, Mark D	Chancellor, Leeward Community College
Extend end date of MOA to June 30, 2011 and increase fund amount to \$100,000.	
University of Hawaii Foundation	\$72,173
<u>Kudo Chair of Law</u>	
Soifer, Aviam	William Richardson School of Law
Faculty Salary and Fringe Benefits for the Kudo Chair of Law.	
University of Hawaii Foundation	\$32,482
<u>Leahi Outpatient Geriatric Clinic S&F Account</u>	
Masaki, Kamal H	Department of Geriatric Medicine
S&F agreement for Leahi Outpatient Geriatric Clinic to cover a portion of Oleksandr Pishchalenko's time.	

Mainland- Business and Other

Gilead Sciences, Inc	\$105,410
<u>GS-103 Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Elvitegravir/Emtricitabine/Tenofovir Disoproxil Fumarate/GS-9350</u>	
Shikuma, Cecilia M	Department of Medicine
National Writing Project	\$51,000
<u>2010-2011 Continued Funding Application for Hawaii Writing Project</u>	
Bartlett, Andrea	Institute for Teacher Education
The HWP is a state-affiliated site of the National Writing Project, a national federally funded professional development network that seeks to improve writing in K-16 classrooms in Hawaii.	
National Writing Project	\$46,000
<u>Lehua Writing Project</u>	
Hirtle, Jeannine	Chancellor, University of Hawaii at Hilo-UHH
Create a UHH satellite of the Hawaii Writing Project	
Pfizer, Inc	\$39,249
<u>Phase 2, Open-Label Single Arm Study of the Efficacy and Safety of PF-02341066 in Patients with Advanced Non-Small Cell Lung Cancer Harboring a Tran</u>	
Cho, Jonathan	Cancer Research Center

Gifts, Grants, and Contracts for June 2010

Non-Research

Mainland- Business and Other

A phase 2 clinical trial, sponsored by Pfizer, Inc., which studies the effectiveness of a new drug, PF-02341066, in adults with advanced non-small cell lung cancer.

Pfizer, Inc \$34,044

Phase 3, Randomized, Open-Label Study of the Efficacy and Safety of PF-02341066 vs. Standard of Care Chemotherapy (Pemetrexed or Docetaxel) in Patients

Cho, Jonathan Cancer Research Center

A phase 3, clinical trial, sponsored by Pfizer, Inc., which studies the effectiveness of study drug PF-02341066 to standard of care chemotherapy (pemetrexed or docetaxel) in patients with advanced non-small cell lung cancer with a translocation or inversion of the anaplastic lymphoma kinase (AKL) gene locus.

Mainland- Health Organizations

American Federation for Aging Research \$134,707

Hartford Center of Excellence in Geriatrics

Masaki, Kamal H Department of Geriatric Medicine

Faculty Development Award in Geriatrics.

Mainland- Non-Profit Organizations

Education Trust, The \$7,500

Access to Success Leading Indicator Project

Johnsrud, Linda K Vice President for Academic Planning and Policy

Support data analyzes, report preparation and presentation that will be carried out b UH System for the Leading indicator project between November 15, 2009 and April 30, 2010. This is a fixed price contract

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$250,000

The Hawaii NASA EPSCoR Program: Educating the New NASA Workforce

Flynn, Luke Paul Hawaii Institute of Geophysics and Planetology

Progress to report goals have been met: (1) formed an advisory committee, (2) created a workforce development project on Kauai, and (3) explored new research opportunities with NASA Ames and JPL Centers. The continuation efforts fall within the objectives of the Exploration Systems Mission Directorate (EDMD).

National Science Foundation

National Science Foundation \$265,827

Partnership for Advanced Marine and Environmental Science Training for Pacific Islanders

Richmond, Robert H Pacific Biosciences Research Center

Continued partnership with Pacific Island community colleges to strengthen their marine and environmental sciences programs, and facilitate articulation to 4 year degree programs.

Gifts, Grants, and Contracts for June 2010

Non-Research

National Science Foundation

National Science Foundation	\$23,137
<u>University of Hawaii Oceanographic Instrumentation CY2010</u>	
Shor, Alexander N	School of Ocean and Earth Science and Technology
Acquisition of shipboard research instrumentation (computer upgrades and fluorometer) to support oceanographic research on R/V Kilo Moana, a research vessel operated by University of Hawaii.	
National Science Foundation	\$4,113,500
<u>University of Hawaii Ship Operations 2005-2009</u>	
Taylor, Brian	School of Ocean and Earth Science and Technology
Continuation of NSF-Funded Operations of R/V Kilo Moana.	
National Science Foundation	\$967,273
<u>Oceanographic Technical Services, 2009-2011, R/V Kilo Moana</u>	
Shor, Alexander N	School of Ocean and Earth Science and Technology
Support for shipboard technical services on UH research vessels.	

US Colleges and Universities

California Los Angeles, University of	\$3,000
<u>Pacific Public Health Training Center</u>	
Yontz, Valerie	Office of Public Health Studies
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.	
Kirkwood Community College	\$90,568
<u>CCI-Multinational Grant</u>	
Goodman, James	Chancellor, Leeward Community College
LCC will receive funding to support a cohort size of 12 students from various countries to attend LCC, take English courses in the English Language Institute if needed and take credit courses to achieve certificates in the area of	
Kirkwood Community College	\$33,772
<u>CCI - GEN Grant</u>	
Goodman, James	Chancellor, Leeward Community College
LCC will receive funding to support a cohort size of 12 students from various countries to attend LCC, take English courses in the English Language Institute if needed and take credit courses to achieve certificates in the area of	

Subcount:	108	Subtotal:	\$38,850,027
Count:	<u>199</u>	Total:	<u>\$53,246,752</u>

Funds Received from UH Foundation for 06/01/2010 - 06/30/2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation	\$166,000
"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	\$43,000
"P-3 Evaluation/External Evaluator"	
Johnsrud, Linda K	Vice President for Academic Planning and Policy
To perform evaluation of services to support grant deliverables with the goal of every child reading at grade level by grade 3. The data will be used to identify strategies to be replicated in other communities to achieve grant deliverables.	
University of Hawaii Foundation	\$25,000
"General Support of LCC"	
Lane, Mark D	Chancellor, Leeward Community College
Extend end date of MOA to June 30, 2011 and increase fund amount to \$100,000.	
University of Hawaii Foundation	\$32,482
"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	\$45,000
"The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History"	
McNally, Mark	Department of History
To partially support the salary and fringe benefits for the Soshitsu Sen XV Distinguished Professor of Traditional	
University of Hawaii Foundation	\$25,000
"Basic Institutional Needs"	
Sohn, Ho-Min	Center for Korean Studies
Pay for student hourly wages.	
University of Hawaii Foundation	\$72,173
"Kudo Chair of Law"	
Soifer, Aviam	William Richardson School of Law
Faculty Salary and Fringe Benefits for the Kudo Chair of Law.	
University of Hawaii Foundation	\$14,686
"General Laborer II"	
Tamanaha, David S	Chancellor, University of Hawaii Maui College
UHF MCC Development Funds to support 33% of the MCC General Laborer position (900184). This position to support	

Funds Received from UH Foundation for 06/01/2010 - 06/30/2010

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$4,500
"Mizushima International Kimono Program"
Young, Donald B Curriculum Research and Development Group
To conduct the project entitled: "Mizushima International Kimono Program"

University of Hawaii Foundation \$6,000
"Hawaii War Records Depository"
Zastrow, Janet K Library
Hire a project archivist who will be responsible for the appraisal, arrangement, and intellectual description of

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$3,000
"Castle Research Associates"
Allsopp, Richard Dept Anatomy, Biochemistry, Physiology and Reproductive Biol
To assess TERT expression levels in PGC during development; to analyze the expression of candidate transcriptional
TERT inhibitors in PGC; and to analyze the role of candidate TERT inhibitors in the regulation of TERT expression in

University of Hawaii Foundation \$50,000
"Development of Neuroblastoma Therapeutics by Optimization of Polyamine Inhibitor Strategy"
Bachmann, Andre S. Cancer Research Center
The scope of the proposed work is to identify a potent drug combination to treat neuroblastoma. We have introduced
DFMO to the clinic for the treatment of neuroblastoma, and we propose to study the effect of polyamine transport
University of Hawaii Foundation \$45,424
"Therapeutic LOX Inhibitors"
Csiszar, Katalin Department of Complementary and Alternative Medicine
Testing and development of LOX inhibitors for therapeutic use.

University of Hawaii Foundation \$94,551
"An Assessment of Effects of Gillnets"
Friedlander, Alan M Department of Zoology
In order to determine the effectiveness of gillnet regulations on fish stocks, nearshore surf zone fishes on windward
Oahu are being sampled using beach seines in a before-after-control-impact design. In addition, fishing effort is being
monitored to examine fishing patterns and practices along windward Oahu.

University of Hawaii Foundation \$5,000
"Cell and Molecular Biology Program"
Humphreys, Tom D Pacific Biosciences Research Center
Study of development and regeneration of neural structures of *Ptychodera Flava*.

Funds Received from UH Foundation for 06/01/2010 - 06/30/2010

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation "Cell and Molecular Biology Program" Humphreys, Tom D Pacific Biosciences Research Center Study of development and regeneration of neural structures of Ptychodera Flava.	\$5,000
University of Hawaii Foundation "Connexin43 Bridge Funds" Lau, Alan F Cancer Research Center Support for the Connexin43 project of Dr. Alan Lau pending resubmission to NIH.	\$100,000
University of Hawaii Foundation "UHF Pseudoxanthoma Elasticum" Le Saux, Olivier Department of Cell and Molecular Biology The scope of the work to establish a connection between the function of the lymphatic vessel and elastic fibers in the context of the disease pseudoxanthoma elasticum.	\$15,000
University of Hawaii Foundation "Neurobehavioral Research" Lenz, Petra H Pacific Biosciences Research Center The effect of neuropeptides on crustacean biology will be investigated using growth, behavior and immunohistochemistry using the shrimp Litopenaeus vannamei as a model organism.	\$5,000
University of Hawaii Foundation "Pineapple Research" Paull, Robert E Department of Tropical Plant and Soil Sciences To carry out applied research to address Hawaii's Pineapple Industry needs.	\$20,000

Count: 20

Total: \$776.816

**Extramural Research Awards
for the Month of
June 2010
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	2	\$199,136	1.38%
DHHS-Dept of Health and Human Services	12	\$4,710,069	32.72%
DOC-Dept of Commerce	5	\$2,057,478	14.29%
DOD-Department of Defense	3	\$200,208	1.39%
DOE-Dept of Energy	3	\$1,058,822	7.35%
ED-Dept of Education	2	\$466,730	3.24%
Federal Agencies	1	\$399,968	2.78%
Foreign	3	\$313,288	2.18%
Hawaii- Government Agencies	16	\$2,320,408	16.12%
Hawaii- Health Organizations	2	\$69,430	0.48%
Hawaii- Non-Profit Organizations	13	\$462,975	3.22%
Mainland- Business and Other	6	\$231,735	1.61%
Mainland- Health Organizations	1	\$46,796	0.33%
Mainland- Non-Profit Organizations	4	\$124,773	0.87%
National Aeronautics and Space Administration	6	\$327,646	2.28%
National Science Foundation	4	\$837,671	5.82%
US Colleges and Universities	8	\$569,592	3.96%
Total:	<u>91</u>	<u>\$14,396,725</u>	<u>100%</u>

**Extramural Non-Research Awards
for the Month of
June 2010
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DHHS-Dept of Health and Human Services	7	\$2,718,862	7.00%
DOC-Dept of Commerce	3	\$278,611	0.72%
DOD-Department of Defense	3	\$8,839,201	22.75%
DOI-Dept of Interior	1	\$150,000	0.39%
ED-Dept of Education	7	\$1,557,993	4.01%
Federal Agencies	2	\$5,755,674	14.82%
Foreign	5	\$424,041	1.09%
Hawaii- Business and Other	4	\$87,868	0.23%
Hawaii- Dept of Education	3	\$411,218	1.06%
Hawaii- Government Agencies	23	\$2,397,370	6.17%
Hawaii- Health Organizations	24	\$9,627,161	24.78%
Hawaii- Non-Profit Organizations	11	\$437,041	1.12%
Mainland- Business and Other	5	\$275,703	0.71%
Mainland- Health Organizations	1	\$134,707	0.35%
Mainland- Non-Profit Organizations	1	\$7,500	0.02%
National Aeronautics and Space Administration	1	\$250,000	0.64%
National Science Foundation	4	\$5,369,737	13.82%
US Colleges and Universities	3	\$127,340	0.33%
Total:	<u>108</u>	<u>\$38,850,027</u>	<u>100%</u>

**Extramural Research Awards
Year to Date: 07/01/09 - 06/30/10
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	49	\$6,667,771	2.61%
DHHS-Dept of Health and Human Services	109	\$52,266,671	20.45%
DOC-Dept of Commerce	80	\$33,999,002	13.30%
DOD-Department of Defense	94	\$42,532,868	16.64%
DOE-Dept of Energy	19	\$6,022,615	2.36%
DOI-Dept of Interior	65	\$4,715,742	1.85%
ED-Dept of Education	6	\$1,954,034	0.76%
Federal Agencies	6	\$1,272,120	0.50%
Foreign	24	\$2,720,601	1.06%
Hawaii- Business and Other	32	\$1,844,575	0.72%
Hawaii- Dept of Education	1	\$45,662	0.02%
Hawaii- Government Agencies	152	\$21,911,297	8.57%
Hawaii- Health Organizations	12	\$906,020	0.35%
Hawaii- Non-Profit Organizations	71	\$4,528,287	1.77%
Mainland- Business and Other	83	\$8,011,426	3.13%
Mainland- Health Organizations	18	\$2,531,276	0.99%
Mainland- Non-Profit Organizations	35	\$2,821,726	1.10%
Miscellaneous	1	\$11,750	0.00%
National Aeronautics and Space Administration	82	\$12,325,321	4.82%
National Science Foundation	113	\$38,220,126	14.96%
US Colleges and Universities	108	\$10,250,534	4.01%
Total:	<u>1160</u>	<u>\$255,559,424</u>	<u>100%</u>

Note: YTD amounts include adjustments.

Extramural Non-Research Awards
Year to Date: 07/01/09 - 06/30/10
Distribution by Sponsors

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	17	\$3,848,180	1.95%
DHHS-Dept of Health and Human Services	48	\$30,535,843	15.51%
DOC-Dept of Commerce	27	\$2,507,082	1.27%
DOD-Department of Defense	12	\$10,232,409	5.20%
DOE-Dept of Energy	2	\$2,808,682	1.43%
DOI-Dept of Interior	14	\$537,553	0.27%
ED-Dept of Education	71	\$33,871,817	17.21%
Federal Agencies	19	\$14,166,894	7.20%
Foreign	31	\$3,078,362	1.56%
Hawaii- Business and Other	42	\$4,335,801	2.20%
Hawaii- Dept of Education	19	\$2,803,278	1.42%
Hawaii- Government Agencies	153	\$21,461,963	10.90%
Hawaii- Health Organizations	59	\$22,109,069	11.23%
Hawaii- Non-Profit Organizations	119	\$7,835,760	3.98%
Mainland- Business and Other	23	\$3,155,716	1.60%
Mainland- Health Organizations	3	\$184,251	0.09%
Mainland- Non-Profit Organizations	26	\$2,458,639	1.25%
National Aeronautics and Space Administration	9	\$3,917,747	1.99%
National Science Foundation	45	\$25,026,710	12.71%
US Colleges and Universities	45	\$1,973,489	1.00%
Total:	<u>784</u>	<u>\$196,849,245</u>	<u>100%</u>

Note: YTD amounts include adjustments.