Gifts, Grants, and Contracts for June 2011

The following gifts, grants and contracts received by all campuses during the period June 1, 2011 through June 30, 2011 total $54,264,556. The unofficial FY 2011 year-to-date total is: $488,597,908.

Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Natl Inst of Health (NIH) $2,076,067
Institute for Biogenesis Research: COBRE
Ward, William S 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) $331,280
Accessing Cyanobacterial Chemical Diversity: A Unique Natural Product Library
Williams, Philip Department of Chemistry
Large scale culture of cyanobacterial strains to produce compounds for the Molecular Libraries Small Molecule Repository.

Health & Human Svc, Dept - Natl Inst of Health (NIH) $205,050
A Forward Genetics Approach to Identify Novel Core Regulators of Epithelial Patterning and Morphogenesis
Martindale, Mark Q. Pacific Biosciences Research Center
This grant describes experiments utilizing a forward genetic screen to identify cell and molecular targets involved in epithelial tissue morphogenesis and remodeling in the model cnidarian species, Nematostella vectensis.

Health & Human Svc, Dept - Natl Inst of Health (NIH) $14,764
Contribution of Sperm Nucleus to Paternal DNA Replication
Ward, William S Dept Anatomy, Biochemistry, Physiology and Reproductive Biol
The goal of this project is to test our hypothesis that sperm provide molecular instructions to the embryo for replicating the paternal DNA.

Health & Human Svc, Dept - Natl Inst of Health (NIH) $31,140
The Genetic Control of Social Behavior
Blanchard, Robert J Pacific Biosciences Research Center
Autism spectrum disorder involves multiple deficits in social behavior and interaction. The current research will use novel behavioral tests to evaluate the role of specific genes in these behaviors.

Health & Human Svc, Dept/NIH - Natl Cancer Institute $482,794
Collaborative Genetic Study of Ovarian Cancer Risk
Goodman, Marc T UH Cancer 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.

Health & Human Svc, Dept/NIH - Natl Ctr for Rsch Resources $2,976,933
INBRE II: Hawaii Statewide Research and Education Partnership (HSREP)
Holmes, Eric Vice Chancellor for Research and Graduate Education
Provide improved secondary education and biomedical research opportunities for the citizens of Hawaii at every level from community colleges through the state's medical school.

Health & Human Svc, Dept/NIH - Natl Ctr on Minority Hlth & Hlth Disprty $1,428,988
Partnerships for Cardiometabolic Disparities in Native and Pacific Peoples
Mau, Marjorie K H Department of Native Hawaiian Health
Additional requested funds.
## Gifts, Grants, and Contracts for June 2011

### Research

**DHHS-Dept of Health and Human Services**

<table>
<thead>
<tr>
<th>Health &amp; Human Svc, Dept/NIH - Natl Heart, Lung, &amp; Blood Inst</th>
<th>Role of mTOR in the Diabetic Heart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matsui, Takashi</td>
<td>Department of Medicine</td>
</tr>
<tr>
<td>$375,000</td>
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</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Health &amp; Human Svc, Dept/NIH - Natl Heart, Lung, &amp; Blood Inst</th>
<th>Recruitment for Cardiovascular Research at the University of Hawaii</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shohet, Ralph  Victor</td>
<td>Department of Medicine</td>
</tr>
<tr>
<td>$210,000</td>
<td></td>
</tr>
</tbody>
</table>

This grant will fund the recruitment of a professor to work in the Center for Cardiovascular Research. It will also support two young investigators who work on educational initiatives and technology development in this Center. It is preliminary to a larger program that would subsequently support the recruit and the Center.

<table>
<thead>
<tr>
<th>Health &amp; Human Svc, Dept/NIH - Natl Human Genome Rsch Inst</th>
<th>Epidemiology of Putative Causal Variants in the Multiethnic Cohort</th>
</tr>
</thead>
<tbody>
<tr>
<td>Le Marchand, Loic</td>
<td>UH Cancer Center</td>
</tr>
<tr>
<td>$1,596,270</td>
<td></td>
</tr>
</tbody>
</table>

This project will characterize in the five MEC ethnic/racial populations, the associations of putative causal variants discovered for various chronic diseases in large ongoing genomic studies.

<table>
<thead>
<tr>
<th>Health &amp; Human Svc, Dept/NIH - Natl Inst of Allergy &amp; Infectious Dis</th>
<th>Mechanism of Activation of Innate Immunity by ISS-DNA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chu, Wen-Ming</td>
<td>UH Cancer Center</td>
</tr>
<tr>
<td>$30,072</td>
<td></td>
</tr>
</tbody>
</table>

Understand how innate immunity is activated by immunostimulatory DNA sequences (ISS-DNSs).

<table>
<thead>
<tr>
<th>Health &amp; Human Svc, Dept/NIH - Natl Inst of Allergy &amp; Infectious Dis</th>
<th>Malarial Immunity in Pregnant Cameroonian Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taylor, Diane  W.</td>
<td>Dept of Trop Med, Medical Microbiology and Pharmacology</td>
</tr>
<tr>
<td>$589,768</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Health &amp; Human Svc, Dept/NIH - Natl Inst of Allergy &amp; Infectious Dis</th>
<th>Modulating Tim-3 to Control HIV Infection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ndhlou, Lishomwa C</td>
<td>Department of Medicine</td>
</tr>
<tr>
<td>$240,216</td>
<td></td>
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</tbody>
</table>

Defining novel mechanisms of HIV-1 induced dysfunction of natural killer (NK) and CD8 T cells.

<table>
<thead>
<tr>
<th>Health &amp; Human Svc, Dept/NIH - Natl Inst of Allergy &amp; Infectious Dis</th>
<th>Decryption of KIR Genetics and Function in Early HIV-1 Infection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barbour, Jason</td>
<td>Dept of Trop Med, Medical Microbiology and Pharmacology</td>
</tr>
<tr>
<td>$480,370</td>
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</tbody>
</table>

The Natural Killer (NK) cell is a rapid effector arm of the innate immune response. Active before T cell responses, NK cells play a critical role against HIV and are regulated by a network of surface regulatory molecules, key among them the polymorphic KIR (killer Ig-like receptor).
Gifts, Grants, and Contracts for June 2011

Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept/NIH - Natl Inst of Mental Health $30,758
Modeling Monocyte and Macrophage Based Gene Therapy for NeuroAIDS
Lu, Yuanan Department of Public Health Sciences and Epidemiology
To test for the potential use of primary monocytes/macrophages as a gene transfer vehicle to deliver anti-HIV tat gene and a neuroprotective agent (TNFR) into the central nervous system and their stable high-level expression in the brain for combating neuroAIDS using laboratory mouse as a in vivo model system.

Health & Human Svc, Dept/NIH - Natl Inst of Nursing Rsch $277,151
Center for ‘Ohana and Self-Management of Chronic Illnesses in Hawaii (COSMCI): Building Research Teams for the Future
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.

Health & Human Svc, Dept/NIH - Natl Inst on Drug Abuse $646,328
The Project Success Model: Evaluation of A Tiered Intervention
Wills, Thomas UH Cancer Center
The study is a two-level intervention, with one level (universal program) aimed at deterring initiation while second level (indicated program) is aimed at preventing escalation of use. This approach has the goal of reducing adolescent substance use problems.

Health & Human Svc, Dept/NIH - Natl Inst on Drug Abuse $162,154
Impact of Marijuana Exposure on Brain Maturation
Cloak, Christine C John A. Burns School of Medicine
This career development award provides support to launch an independent research career. This includes integrated didactic and research components. Adolescents with and without regular marijuana use are evaluated with several magnetic resonance imaging techniques to measure brain structure and chemistry, for correlation with measures of cognitive abilities and cortisol levels.

Health & Human Svc, Dept/NIH - Natl Inst on Drug Abuse $158,687
Parallel MRI for Substance Abuse Research
Stenger, Victor Andrew Department of Medicine
This is a competitive renewal of an NIH K02 Independent Investigator Award. The award will provide salary support and 75% protected time for Dr. Stenger to continue working on his research and mentor junior investigators in drug abuse research. The award provides funds for supplies for this career development.

Health & Human Svc, Dept/NIH - Natl Inst on Drug Abuse $33,075
Factors for Enhanced Neurotoxicity in Methamphetamine Abuse and HIV Infection
Chang, Linda Department of Medicine
This program will support career development of students and junior investigators new to research on drug abuse and HIV. They will develop their laboratory skills, and apply these skills to the study of mechanisms that confer vulnerability to neurotoxicity with methamphetamine abuse and HIV infection. Factors include oxidative stress and
Gifts, Grants, and Contracts for June 2011

Research

DOD-Department of Defense

Defense, Dept - Air Force
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.

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

Defense, Dept - Air Force
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.

Defense, Dept - Air Force
Operations and Management of the Maui Supercomputing Center
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Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Air Force
Operations and Management of the Maui High Performance Computing Center
Lassner, David K Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui High Performance Computing Center.

Defense, Dept - Army
Modeling of Hurricane Surge and Waves for Hawaii
Cheung, Kwok Fai Department of Ocean and Resources Engineering
Modeling of hurricane surge and waves for Hawaii.

Defense, Dept - Navy
Analysis and High-Resolution Modeling of Tropical Cyclogenesis during the TCS-08 and TPARC Field Campaign
Li, Tim Department of Meteorology
To investigate tropical cyclone genesis mechanism with cloud-resolving models and conduct data assimilation during TCS-08 observational campaign period.

Defense, Dept - Office of Naval Research
Radio Propagation Modeling and Prediction in Complex Environments
Yun, Zhengqing Hawaii Center for Advanced Communications
Develop propagation modeling software package that achieves accurate, fast, and dynamic radio propagation prediction and help establish effective and reliable communications networks.
Gifts, Grants, and Contracts for June 2011

Research

DOE-Dept of Energy

Energy, Dept - FED

Research on Distributed Electricity Systems Resources, Amdt 001
Griffin, James P Hawaii Natural Energy Institute
Managing distribution system resources for improved service quality and reliability, transmission congestion relief, and grid support functions. Amendment 001 involves the awarding of funds from the American Recovery and Reinvestment Act of 2009 (Recovery Act). Recovery Act funds come with a different set of terms and conditions compared to the original funds.

Energy, Dept - FED

Development of new Biomarkers for Surficial Earth Processes
Jahren, Hope Department of Geology and Geophysics
To investigate: the stable isotope signature of terrestrial biomarkers, when contextualized according to the composition of whole organism and fortified with knowledge about general biochemistry, comprises a chemical signature that integrates over the lifetime of the organism, or the pedogenic development of the soil.

Energy, Dept - FED

Probing the Reaction Dynamics of Hydrogen-Deficient Hydrocarbon Molecules and Radical Intermediates via Crossed Molecular Beams
Kaiser, Ralf Ingo Department of Chemistry
We want to find out how PAHs and their precursors are formed in combustion flames.

Energy, Dept - FED

Development of Catalytic Alkylation and Fluoroalkylation Methods
Vicic, David Department of Chemistry
To develop energy efficient methods for alkylation and fluoroalkylation.

DOI-Dept of Interior

Interior, Dept - U.S. Geological Survey

Cooperative Monitoring and Assessment of Hawaii Volcano Hazards 2011
Hirokawa, Randy Chancellor, University of Hawaii at Hilo-UHH
Conduct training, research and public outreach on Hawaii’s volcanoes

ED-Dept of Education

Education, Dept - Institute of Education Sciences-FED

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.
Gifts, Grants, and Contracts for June 2011

Research

Foreign

Japan Agency for Marine-Earth Science & Tech (JAMSTEC) $2,097,000
JAMSTEC Year 15
Hamilton, Kevin  P 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.

Korea Ocean Research & Development Inst (KORDI) $962,500
2011 R/V Ka`imikai O Kanaloa Support of KORDI Research in the Eastern Pacific Ocean
Shor, Alexander N School of Ocean and Earth Science and Technology
Under the terms of a Memorandum of Understanding between SOEST and the Korea Ocean Research and Development Institute (KORDI), we propose to provide the vessel for a research cruise during the period July to August 2011, with funding provided by KORDI. The project requires approximately 35 vessel operating days, beginning in Honolulu, Hawaii, conducting sampling and survey operations in waters near 10°N, 135°W, and returning to Honolulu, Hawaii. Subject to satisfactory agreement on appropriate contract agreements.

Korea Ocean Research & Development Inst (KORDI) $160,000
IMI-30 Sonar Surveys for KORDI in the Eastern Pacific Ocean
Shor, Alexander N School of Ocean and Earth Science and Technology
Hawaii Mapping Research Group (HMRG) will provide the IMI-30 seafloor mapping sonar and five personnel to participate in a 35-day research cruise to the Eastern Pacific Ocean aboard the research vessel Ka`imikai O Kanaloa, beginning and ending at the University of Hawaii Marine Center, Pier 45, Honolulu, Hawaii. Research operations will be under the direction of personnel from the Korea Ocean Research Development Institute (KORDI), from the Republic of Korea.

Ministry of Agriculture and Rural Development, Central Project Office - Vietnam $208,578
Vietnam Natural Disaster Risk Management Project 1N
Gaines, James  R Vice President for Research
The Pacific Disaster Center will provide consulting services to assist the Central Project Office (CPO), within the Ministry of Agriculture and Rural Development (MARD), improve the management of post-disaster assistance following the occurrence of natural disasters.

Hawaii- Business and Other

Bennet Group Strategic Communications $52,001
Hawaii Children’s Trust Fund Program Evaluation
Sy, Angela Department of Public Health Sciences and Epidemiology
Plan and conduct evaluation research of a public awareness campaign in Hawaii on child abuse prevention.

East West Center $20,000
The Expansion of Rubber and its Implications for Water and Carbon Dynamics in Montane Mainland Southeast Asia
Giambelluca, Thomas  W Department of Geography
Using field measurements and model simulations, we will investigate how the expansion of rubber cultivation in the Montane Mainland Southeast Asia alters carbon and water dynamics of the region.
Gifts, Grants, and Contracts for June 2011

**Research**

**Hawaii- Business and Other**

Pukoa Scientific LLC
- **Navigation and Sensor Fusion for Image Tracking from an Unmanned Aerial Vehicle**
  - Bingham, Brian S
  - Department of Mechanical Engineering
  - This goal of this project are to support Pukoa's efforts to develop a image tracking system for manned and unmanned aerial vehicles
  - Draft $29,585

**Hawaii- Government Agencies**

Agriculture, Dept - Agribusiness Dev Corp-HI
- **Farm Food Safety Water and Produce Testing Services**
  - Hollyer, James R
  - Department of Plant and Environmental Protection Sciences
  - On product and water sampling of up to 6 Hawaii aquaponics farms. Education and outreach to farmers on how to keep human pathogens out of their water-based production environments.
  - Draft $7,659

Agriculture, Dept - HI
- **Documenting Food Self-Sufficiency in Hawaii Using the INVICTA System**
  - Leung, Ping Sun
  - Department of Natural Resources and Environmental Management
  - This proposed research will determine feasibility of reconstructing import data for fresh fruits and vegetables (FFVs) and other imported food from the INVICTA System and other sources to benchmark and assess food self-sufficiency in Hawaii.
  - Draft $42,933

County of Hawaii
- **Food Sustainability Baseline Study**
  - Delparte, Donna
  - Social Sciences-UHH - Division Office
  - Aid in the measurement of progress towards sustainability goals on Hawaii Island (the project will build a geodatabase of spatial data related to agriculture to conduct the research).
  - Draft $65,000

Health, Dept - Alcohol & Drug Abuse Div-HI
- **Services to Evaluate and Monitor Substance Abuse Service Outcomes and Process Evaluation Activities of the Alcohol and Drug Abuse Division Funded**
  - Kim, Ji-Yeon
  - Center on the Family
  - Support, monitor and report on the substance abuse treatment services provided by agencies funded by the Hawaii Department of Health, Alcohol and Drug Abuse Division, and assist in the development, implementation, and improvement of the Hawaii Web-based treatment services information systems.
  - Draft $234,283

Health, Dept - HI
- **Lahaina Groundwater Tracer Study, Lahaina, Maui, Hawaii: Phase II**
  - Glenn, Craig R
  - Department of Geology and Geophysics
  - Perform a groundwater tracer study to investigate any effluent discharge from the Lahaina Wastewater Reclamation Facility that may be entering near shore waters. This project will use injection and monitoring of a fluorescent dye, isotope- and geo-chemistry, and an airborne thermal infrared survey.
  - Draft $140,000

Health, Dept - HI
- **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.
  - Draft $313,524
### Gifts, Grants, and Contracts for June 2011

#### Research

**Hawaii- Government Agencies**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Project Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health, Dept - HI</td>
<td>Social Epidemiology Project/Epidemiologic Research Relating to Public Health</td>
<td>$80,913</td>
</tr>
</tbody>
</table>
|                                      | Maddock, Jason E.  
                                        | Office of Public Health Studies         |         |
|                                      | This project provides evaluation and research support to the Healthy Hawaii Initiative. |         |
| Honolulu Liquor Commission City & County of Honolulu | Check 21  
                                        | Albright, Cheryl L.  
                                        | UH Cancer Center         | $106,155 |
|                                      | Compliance checks for sales of alcohol to minors.                                  |         |
| Human Services, Dept - Ofc of Youth Svcs-HI | OYS Online Directory  
                                        | Umemoto, Karen N  
                                        | Department of Urban and Regional Planning         | $40,000 |
|                                      | In consultation with the Office of Youth Services, we will crate an online youth services directory and begin the year-round collection and updating of directory entries in order to maintain accurate, up-to-date information. It will be designed for use by youth-serving professionals as well as youths and families. |         |
| Labor & Industrial Relations, Dept - HI | Hawai'i State Healthcare Planning Grant Project  
                                        | Withy, Kelley Marie  
                                        | Department of Complementary and Alternative Medicine | $25,927 |
|                                      | To gather information for the Comprehensive Healthcare Workforce Development Plan for Hawaii 2010-2012. Will gain qualitative data from healthcare stakeholders and analyze Labor market information to ensure that the information and trends are reflective of employer realities, and identifying skill requirements. |         |
| 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  
                                        | Drazen, Jeffrey C  
                                        | Department of Oceanography         | $385,291 |
|                                      | To evaluate the effectiveness of restricted fishing areas for improving the bottomfish fishery in the main Hawaiian Islands. |         |
| Land & Natural Res, Dept - Div of Forestry & Wildlife-HI | Detection and Control of Invasive Species in Maui County  
                                        | Duffy, David C  
                                        | Department of Botany         | $50,000 |
|                                      | Implement a county-wide strategy for early detection and control of invasive species in Maui county. |         |
| Land & Natural Res, Dept - Div of Forestry & Wildlife-HI | Detection and Control of Invasive Species on the Island of Kauai: FY Supplement  
                                        | Duffy, David C  
                                        | Department of Botany         | $26,175 |
|                                      | Control and eradicate invasive species on Kauai, with an emphasis on the mongoose. |         |
                                        | Morden, Clifford W  
                                        | Department of Botany         | $90,000 |
|                                      | Research and manage watershed conservation on the Koolau Mountains on Oahu. |         |
Gifts, Grants, and Contracts for June 2011

Research

Hawaii- Government Agencies

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI

Restoration Research on Oahu’s Lowland Rare Plants

Morden, Clifford  W  Department of Botany

Establish an effective outplanting and restoration program for rare lowland plants on Oahu

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI

Detection and Control of Invasive Species on Oahu

Duffy, David  C  Department of Botany

Develop and implement a strategy to control and prevent invasive species on Oahu.

Land & Natural Res, Dept - HI

Plant Restoration and Enhancement Project: Mid-Elevation Rare Plant Facilities

Sugii, Nellie  C  Lyon Arboretum

Rescue and recovery of Hawai`i’s endangered native plants via management of in situ and ex situ plant resources.

Land & Natural Res, Dept - HI

Plant Restoration and Enhancement Project: Mid-Elevation Rare Plant Facilities

Sugii, Nellie  C  Lyon Arboretum

Rescue and recovery of Hawai`i’s endangered native plants via management of in situ and ex situ plant resources.

Land & Natural Res, Dept - HI

Landowner Assistance Program for Endangered Species Protection

Duffy, David  C  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.

Land & Natural Res, Dept - HI

Detection and Control of Invasive Species on the Island of Hawaii

Duffy, David  C  Department of Botany

Detect new potentially invasive species, continue on-going efforts to contain known invasive species, and expand early detection surveys on the Big Island.

Land & Natural Res, Dept - HI

Plant Restoration and Enhancement Project: Mid-Elevation Rare Plant Facilities

Sugii, Nellie  C  Lyon Arboretum

Conservation of rare Hawaiian plants by using genetic management, propagation, seed storage and species restoration to increase and stabilize populations.

Land & Natural Res, Dept - HI

Plant Restoration and Enhancement Project: Mid-Elevation Rare Plant Facilities

Sugii, Nellie  C  Lyon Arboretum

Conservation of rare Hawaiian plants by using genetic management, propagation, seed storage and species restoration to increase and stabilize populations.
Gifts, Grants, and Contracts for June 2011

Research

Hawaii- Health Organizations

Queen's Medical Center $332,092

Prototype Academic Medical Department Model for Behavioral Health Research
Goebert, Deborah A Department of Psychiatry
To accelerate the quantity and quality of health-related behavioral health research in Hawaii and improve quality of care for patients at QMC and in Hawaii, through translational research.

Hawaii- Non-Profit Organizations

HCF-Straub (George F) Trust Estate $46,500

The Role of Pre-B Cell Colony-Enhancing Factor in Regulating the Intramembranous Absorption of Human Amniotic Fluid
Wright, Claire E Department of Obstetrics, Gynecology, and Women's Health
This project will focus on human tissue and cell-based models to show how amniotic fluid can be regulated by changes in placental amnion permeability.

Hawaii Community Foundation (HCF) $50,000

Regulating the Degradation of Connexin43 through the Proteasomal Pathway
Lau, Alan F UH Cancer Center
Connexin43 is a protein that contributes to the formation of gap junctions, channels that help cells communicate with each other. The levels of connexin43 in cells is important because this can help to regulate intercellular communication. This proposal seeks to study how connexin43 is degraded.

Hawaii Community Foundation (HCF) $50,000

Bit-1 Signaling in Cardiovascular Disease
Matter, Michelle Department of Cell and Molecular Biology
Bit-1 in cardiovascular disease using the Bit-1 KO mice.

Hawaii Community Foundation (HCF) $45,000

Interaction of Selenoprotein P with Zinc in Alzheimer's Disease
Bellinger, Frederick P Department of Cell and Molecular Biology
This project will examine the interaction of selenoprotein P with zinc in brain and in Alzheimer's disease.

Hawaii Community Foundation (HCF) $50,000

Role of Endogenous Osteoprotegerin Expression in Breast Cancer Metastasis
Connelly, Linda College of Pharmacy-UHH
Continued research on preliminary data that suggests breast cancer cells secrete the protein Osteoprotegerin and this may promote disease progression.

Hawaii Community Foundation (HCF) $50,000

Development of a New Model Organism to Provide New Insight into Fundamental Mechanisms of Human Development and Disease
Martindale, Mark Q. Pacific Biosciences Research Center
A local hemichordate worm is an ancient relative to chordates like fish and human beings. Our molecular work will
Gifts, Grants, and Contracts for June 2011

Research

Hawaii- Non-Profit Organizations

Hawaii Community Foundation (HCF) $46,500
A Novel Morphogenesis System Using Human Embryonic Stem Cells
Marikawa, Yusuke Dept Anatomy, Biochemistry, Physiology and Reproductive Biol
The project is to characterize elongation morphogenesis of human embryonic stem cells at the molecular level. The obtained information should help in developing new culture methods to generate complex organ structures from human embryonic stem cells for replacement therapy.

Hawaii Community Foundation (HCF) $45,000
Characterization of the Role of Abcc6 in Dermal and Cardiovascular Calcification
Le Saux, Olivier Department of Cell and Molecular Biology
The overall goal of this proposal is to address the role of the Abcc6 gene in chronic and acute dystrophic calcification that affects cardiovascular and dermal tissues.

Tri-Isle Resource Conservation & Dev Council $41,860
Lanai Native Species Recovery Program
Duffy, David C Department of Botany
Conduct habitat restoration project for the endangered 'Ua'u (Hawaiian petrel) on Lanai.

University of Hawaii Foundation $20,500
CRCH Traineeship
Carbone, Michele UH Cancer Center
Support of CRCH activity: 2008 Meiji Yasuda summer research fellowships.

University of Hawaii Foundation $87,536
The Hawaii Initiative for Childhood Obesity Research and Education
Rudoy, Raul C Department of Pediatrics
HICORE's mission is to provide leadership of a collaborative, multi-disciplinary effort in research and education on childhood/adolescent obesity in Hawaii. This effort will bring together individuals, community, and organizations in Hawaii, to understand and address the childhood obesity epidemic in Hawaii especially the most vulnerable of Hawaii's children and families.

University of Hawaii Foundation $60,000
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 $1,706
The L2 Child is Key: On the Development of Japanese by L1 English-Speaking Children
Schwartz, Bonnie D Department of Second Language Studies
This research consists of a study on the acquisition of Japanese as a second language on the part of native English-speaking children in an all-day Japanese program in elementary school; the data come from a series of comprehension and production experiments.
Gifts, Grants, and Contracts for June 2011

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation
Cell and Molecular Biology Program
Humphreys, Tom D II  Pacific Biosciences Research Center
Study of development and regeneration of neural structures of Ptychodera Flava.  $2,000

University of Hawaii Foundation
Respiratory Health
Tam, Elizabeth K  Department of Medicine
Teach General Internal Medicine Ambulatory and inpatient care to medical students and medical residents, assist in clinical research, provide consultative care in inflammatory/immunologic diseases; develop/evaluate training programs. $20,000

Mainland- Business and Other

Cellana LLC
Novel Isolations and Pre-Screening Activities in Support of Optimal Microalgae Growth and Lipid Production
Brown, Susan L.  Department of Oceanography
Isolate and maintain new microalgae strains from nature. Prescreen new and existing strains for thermal and halo-tolerance, autoflocculation and other desirable cell characteristics relevant to large-scale production. $199,984

Cellana LLC
Analysis of Biochemical Constituents (ABC) for Optimal Microalgae Biomass and Lipid Production
Bidigare, Robert R  Hawaii Institute of Marine Biology
Develop and apply standard operating procedures (SOPs) for harmonization and deployment throughout project laboratories to measure a range of key biochemical metrics of performance, up to the level of molecular characterization. $60,908

Exxon Mobil Corporation
Self-Changing of Animal Hearing to Mitigate the Effects of Loud Sound
Nachtgall, Paul E  Hawaii Institute of Marine Biology
Whales and dolphins dramatically change their hearing when they echolocate. We will investigate whether they can voluntarily change their hearing when warned that a loud sound is coming by the presentation of either an alerting sound or light. $120,000

Jet Propulsion Lab
Cassini Solstice Mission
Owen, Tobias  Institute for Astronomy
To study seasonal and other long-term temporal changes on Saturn and its moons, from northern winter solstice to northern summer solstice. The mission extension will allow for continued observations of Saturn's rings and the magnetic bubble around the planet known as the magnetosphere. $27,000

Jet Propulsion Lab
SPIRE Snapshot Survey of Massive Galaxy Clusters
Ebeling, Harald  Institute for Astronomy
We propose to use the SPIRE instrument aboard the Herschel satellite to conduct a snapshot survey of over 200 massive galaxy clusters. Our goal is to discover distant background galaxies that are gravitationally amplified by the clusters, thereby making them accessible to in-depth follow-up studies. $16,262
Gifts, Grants, and Contracts for June 2011

Research

Mainland- Business and Other

Jet Propulsion Lab

Pillars of Creation: Physical Origin and Connection to Star Formation
Williams, Jonathan P. Institute for Astronomy

We propose to use the Herschel Space Observatory to observe pillar structures in three regions. These observations will be compared to existing data to study the physics of pillars and will additionally serve as input for models to explain pillar formation and star formation within them.

Jet Propulsion Lab

A Disk Census for New Low-Mass Members of TWA (TW Hya Association)
Liu, Michael C Institute for Astronomy

We will analyzed far-IR photometry from Herschel to search for circumstellar disks around new low-mass members of the TW Hydrae Association.

Quantitative Morphology Consulting Inc.

Dolphin Head Related Transfer Function Measurements
Nachigall, Paul E Hawaii Institute of Marine Biology

Measure the hearing sensitivity of the bottlenose dolphin using evoked auditory potentials in order to facilitate the modeling effort.

Mainland- Non-Profit Organizations

Simons Foundation

Congruences Related to Modular and Mock Modular Forms
Guerzhoy, Pavel Department of Mathematics

Scientific travel by the grantee and scientific visits to the grantee's institutions.

National Aeronautics and Space Administration

National Aeronautics & Space Administration

Assessment of Lunar Resources: Using Targeted Observations of Mini-RF in Conjunction with Data from LROC, LEND, DLRE, LOLA, and LAMP
Gillis-Davis, Jeffrey 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

Mineralogy, Petrology, and Isotope Composition of Chondrite Components
Krot, Alexander N Hawaii Institute of Geophysics and Planetology

To confirm a genetic relationship between rare flat earth element (chondrules), we propose to analyze isotope compositions and trace element abundances in rare chondrules. Using measuring instruments such as the Cameca Ims-1280.

National Aeronautics & Space Administration

Isotopic Analysis of Stardust Samples by Ion Microprobe
Huss, Gary Robert Hawaii Institute of Geophysics and Planetology

We will use the UH Cameca ims 1280 ion microprobe to make isotopic measurements of comet samples that were returned by NASA's Stardust Mission to comet Wild 2.
Gifts, Grants, and Contracts for June 2011

Research

National Aeronautics and Space Administration

Water and Habitable Worlds
Meech, Karen J
Institute for Astronomy

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

From Planetaesimals to Terrestrial Planets: A Study of the Formation of Habitable Planets in Binary Star Systems
Haghighipour, Nader
Institute for Astronomy

To study the formation of habitable planets in binary and multiple star systems, and the mechanism of the delivery of water to such planets.

A NASA Calibrated, Multi-Wavelength Atlas of Luminous Infrared Galaxies
Sanders, David Bruce
Institute for Astronomy

Produce an atlas of Luminous Infrared Galaxies using NASA multi-mission archives.

National Science Foundation

Logistical Support for the Continuation of the US GEOTRACES North Atlantic Basin Section (Shipboard Trace Elements)
Measures, Christopher
Department of Oceanography

Participate in a cruise from 10/01/2011 in Cape Verde Islands, the cruise is a continuation of the US GEOTRACES North Atlantic Basin cruise that was terminated in the Cape Verde Islands on 11/04/2010 as a result of problems.

Studies on Dynamics of ENSO (El Niño-Southern Oscillation) Complexity
Jin, Fei-Fei
Department of Meteorology

This renewing project focuses on investigating the physical mechanism for complex behavior of ENSO (El Niño-Southern Oscillation) and the underlying mechanisms that controls ENSO responses to the tropical climate changes associated with Global Warming.

REVSYS: Systematics of Paleotropical Grammitid Ferns (Polypodiaceae): Using Phylogenies to Resolve Generic Circumscription and Explore the Evolution of Morphological Characters
Ranker, Thomas A
Department of Botany

The proposed project is a molecular and morphological phylogenetic study of a group of paleotropical ferns.

Hawaiian Land Snail Biodiversity: Systematics, Phylogenetics and Conservation Status of a Vanishing Fauna
Hayes, Kenneth A
Pacific Biosciences Research Center

The work is aimed at surveying for all the native non-marine snails in the Hawaiian Islands and determining their identities and relationships to other snails.
Gifts, Grants, and Contracts for June 2011

Research

National Science Foundation

National Science Foundation $188,079
   CAREER: The Cosmic Metallicity and Star Formation History of Galaxies
   Kewley, Lisa J 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 $344,424
   Microfluidic Devices for Tunable RF Communication Systems
   Ohta, Aaron T Department of Electrical Engineering
   Creation of devices for the patterning, culturing, and sorting of cells using novel methods and with improved performance. Minority students will be recruited for research work. Project-based courses, video tutorials, and K-12 outreach seminars will be developed.

National Science Foundation $267,420
   Collaborative Research: Magmatic Evolution of Kilauea Volcano, Hawaii: Past, Present and Future
   Garcia, Michael Department of Geology and Geophysics
   A geochemical study to assess past, present and future compositional variations in Kilauea lavas. Two time-series experiments are proposed using lavas from the Puu Oo and Halemaumau eruptions. Also, lavas from the ~2 km long, ~200 ka SOH1 and drill core will be examined.

National Science Foundation $43,719
   Collaborative Research: US GEOTRACES North Atlantic Section - Nd Isotope Distribution: Sources, Sinks and Internal Cycling
   Pahnke, Katharina Department of Geology and Geophysics
   We will participate in the rescheduled U.S. GEOTRACES North Atlantic cruise to study processes that affect the distribution, sources, sinks and cycling of Nd isotopes in the ocean.

National Science Foundation $19,391
   Collaborative Research: A 3-D Seismic Investigation of the Nankai Trough Plate Boundary System in the Kumano Basin
   Moore, Gregory F Department of Geology and Geophysics
   This supplementary request is to bring a Japanese colleague from Tohoku University in Sendai, Japan, to UH for 6 weeks to work on correlating earthquake data with our 3D seismic data set.

National Science Foundation $165,000
   Magnetostratigraphy and Polarity Transitions Studies of Lavas of the Island of Lanai, Hawaii
   Herrero-Bervera, Emilio Hawaii Institute of Geophysics and Planetology
   Understanding geomagnetic and geodynamo processes of lava on Lanai.

National Science Foundation $95,518
   Collaborative Research: The Southeast Mariana Forearc Rifts and the Southernmost Mariana Trough Spreading Center: New Insights into the Tectonics and Magmatism of Intraoceanic Arcs
   Martinez, Fernando Hawaii Institute of Geophysics and Planetology
   This is a collaborative research proposal to carry out a marine geophysical and rock sampling cruise in the western Pacific Ocean and to analyze the data acquired.
Gifts, Grants, and Contracts for June 2011

Research

US Colleges and Universities

California Irvine, University of
  **Genetic Signatures of Dengue Virus Emergence**
  Bennett, Shannon  N  Dept of Trop Med, Medical Microbiology and Pharmacology
  Dengue virus, causing fever with occasional hemorrhaging, is expanding worldwide, producing more frequent, severe epidemics. Evidence suggests genetic changes in circulating viruses underlie these dynamics. We compare virus sequence data from multiple populations all undergoing endemic/epidemic transitions for a universal genetic factor.

Minnesota, University of
  **Mechanisms of Ethnic Differences in Lung Cancer Due to Cigarette Smoking**
  Le Marchand, Loic  UH Cancer Center
  This study will examine genetic factors for ethnic differences in the metabolism of nicotine and tobacco carcinogens and its relation to the risk of lung cancer.

Mississippi, University of
  **Adaptive Planning for Sea-Level Rise in Maui and Hawaii Counties**
  Owens, Tara  School of Ocean and Earth Science and Technology
  The proposed project will examine the existing regulatory framework for managing the shoreline in Maui and Hawaii Counties in the context of sea-level rise, and propose recommendations for new or revised policies.

Oregon State University
  **EAGER: Building Networks and Study Systems to Advance Research on the Biology of Pacific Corals**
  Gates, Ruth D  Hawaii Institute of Marine Biology
  The project focuses on understanding the basic biology of corals, to ultimately develop strategies that could help corals adjust to and survive an era of climate change. The work is a research, education and cultural exchange between Oregon State University, Vassar College, UH and NMMA, Taiwan and mainland China.

Southern California, University of
  **NASA Astrobiological Institute (NAI): “Temperature and Pressure as Microbial Physiological Variables in Low-Energy Deep Subseafloor Habitats”**
  Robador, Alberto  Institute for Astronomy
  Study of temperature and pressure as microbial physiological variables in low energy environments may help to elucidate the role and nature of microorganisms involved in the biogeochemical cycling of elements in the subsea floor.

Stanford University
  **WHI Extension 2010-2015 Western Regional SUB**
  Bell, Christina  Department of Geriatric Medicine
  Development of ancillary studies and research papers for WHI.

Subcount: 112  Subtotal: $27,833,200
Gifts, Grants, and Contracts for June 2011

Non-Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Agency for Healthcare Research & Quality
Pacific Institute of Nursing Research Conference
Mark, Debra D Department of Nursing
To provide funds for a pre-conference workshop as well as travel stipends for nurses from neighbor islands and the Pacific Rim to attend the PIN conference during the years 2009-2012.

Health & Human Svc, Dept - Hlth Res & Svcs Adm (HRSA)
Advanced Education Nursing Traineeship
Koury, Merle School of Nursing and Dental Hygiene
Traineeship project is to provide financial support through traineeship for registered nurses enrolled in advanced education programs to prepare nurse practitioners, clinical nurse specialists, nurse administrators, and other specialties.

Health & Human Svc, Dept - Natl Inst of Health (NIH)
Office of Research Development (EARDA)
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.

Health & Human Svc, Dept - Sbstnc Abuse & Mntl Hlth Svcs Adm
UH Multi-Campus Suicide Prevention Project
Tanouye, Allyson M Vice President for Student Affairs
Infrastructure building for 10 University of Hawaii system campuses for suicide prevention. Activities include promotion of wellness, needs assessment through wala'au sessions, creation of media, brochures, posters, resource development, and travel to sister campuses.

Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst
Cardiovascular Autonomic Function in HIV Virologic Failure
Chow, Dominic Cheung Department of Medicine
To determine the autonomic function of HIV-infected individuals with viremia compared with HIV-infected individuals with virologic suppression.

Health & Human Svc, Dept/NIH - Natl Inst of Diabetes,Digestive,Kidney Dis
High School Students Step Up to Biomedical Research
Hui, George S N Dept of Trop Med, Medical Microbiology and Pharmacology
Provide biomedical research training for high school students of ethnic minority and economically disadvantaged background.

DOC-Dept of Commerce

Commerce, Dept/NOAA - Natl Marine Fisheries Svc
UH Manoa Marine Option Program Support
Hunter, Cynthia L Biology Program
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.
Gifts, Grants, and Contracts for June 2011

Non-Research

DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch
Retrodirective Radar Calibration Nanosatellite
Shiroma, Wayne Akira Department of Electrical Engineering
Train students in the design, fabrication, and test of a small satellite

Defense, Dept - Office of Naval Research
Research Vessel Operations and At-Sea Technical Services, University of Hawaii 2009-2011
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
Travel Support for Student Program at Oceans 2011 Conference
Ghorbani, Reza Department of Mechanical Engineering
Sponsoring travel of students to attend the Oceans 2011 Conference in Kona, Hawaii

ED-Dept of Education

Education, Dept - FED
TRIO Upward Bound Programs - Leeward Community College
Manaseri, Christopher B Chancellor, Leeward Community College
Project provides college preparatory services, academic preparation, and other services designed to improve the college going rate and completion for students from low-income backgrounds and the first generation to achieve a college degree.

Federal Agencies

Environmental Protection Agency
Resilience and Acclimatization Potential of Reef Corals Under Predicted Global Climate Change Stressors
Gates, Ruth D Hawaii Institute of Marine Biology
EPA STAR scholarship to support Hollie Putnam to conduct Ph.D. research aimed at examining the potential for corals to acclimatize to climate change stressors (increased temperature and ocean acidification).

National Fdn on the Arts & Humanities-Natl Endow for the Arts
MANOA: A Pacific Journal of International Writing
Stewart, R F Department of English
Publication of an international literary journal twice a year.

Foreign

American Samoa, Govt of
American Samoa Economic Disaster Recovery Plan
Morton, John F Vice President for Community Colleges
The Pacific Business Center Program at the University of Hawaii will provide technical assistance which will complement, strengthen, and sustain the disaster recovery initiatives by the American Samoa Government and disaster relief Federal programs in American Samoa to restore and improve government operations and services
Gifts, Grants, and Contracts for June 2011

Non-Research

Foreign

adversely impacted by the September 29, 2009 natural disaster.

Okinawa Prefectural Government $858,936
Okinawa Postgraduate Medical Education Program
Izutsu, Satoru 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.

Tohoku University $180,072
PLANETS Telescope Mirror Design and Acquisition
Kuhn, Jeffrey R. Institute for Astronomy
Create design specifications and purchase mirror for telescope. Identify and prepare for polishing stage of mirror.

Hawaii- Business and Other

East West Center $10,170
Study of the U.S. Institute on Global Environmental Issues
Cusick, John H Environmental Center of the University of Hawaii at Manoa
Provide lectures, individual and small group lessons, and travel with participants of the environmental leadership programs and assist East West Center program staff on field studies programs on Oahu and U.S. mainland. Lead background research on organizations and resources for current and future programs, draft and pursue publication and funding opportunities.

Kamehameha Schools $63,000
Kamehameha Schools Support for UH HIP 2011
Ziegler-Chong, Sharon Pacific Aquaculture-UHH
Support is for coordination and support of state-wide summer internship program and for interns to work with different conservation agencies and efforts.

Maui County Community Television, Inc $36,353
MCC-TV Educational Access Television
Sakamoto, Clyde M Chancellor, University of Hawaii Maui College
Manage, coordinate, and operate MCC-TV Educational Access Television. This channel is one of the designated providers of educational television programming in Maui County.

Maui County Community Television, Inc $36,807
MCC-TV Educational Access Television
Sakamoto, Clyde M Chancellor, University of Hawaii Maui College
Manage, coordinate, and operate MCC-TV Educational Access Television. This channel is one of the designated providers of educational television programming in Maui County.
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Business and Other

Oceanit Laboratories, Inc $178,700
Oceanit Mantis Stargrasp Camera System
Onaka, Peter Institute for Astronomy
Fabrication of Stargrasp focal plane array control electronics.

Pacific Radiation Oncology, LLC $35,303
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-PRO-SURG
Takanishi, Danny M Jr. Department of Surgery
Agreement to provide medical education to students and residents in a clinical setting.

Hawaii- Dept of Education

Education, Dept - HI $550,000
Hawaii P-20 Strategic Plan DOE MOA D11-078 Contract CO-10170
Johnsrud, Linda K Executive Vice President for Academic Affairs/Provost
Execute the P-20 strategic plan through promoting career & college readiness, developing longitudinal data system, developing policy, supporting Race to the Top, and advancing the State’s educational agenda.

Education, Dept - HI $2,021,498
Felix Consent Decree Recruitment and Retention Personnel Plan
Sorensen, Christine College of Education
A recruitment and retention personnel plan designed to build a sustained in-state capacity to produce additional Special Education teachers eligible for initial teaching licensure each year by the College of Education, specifically and deliberately prepared for career employment in the Hawaii Public Schools. Also, mentor program is used to help with retention of teachers.

Education, Dept - HI $150,000
Kapalama Algebra Readiness in the Elementary School: KARES
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 $23,000
Data Analysis Services to the Farrington Complex Kalihi Learning Center 21st Century Community Learning Center Program
Higa, Terry Ann Curriculum Research and Development Group
Confer with the Contract Administrator to coordinate timing of tasks. Compile and analyze program data using the templates. Report to the consortium by providing completed electronic template file with organized and aggregated data. Work directly with schools for Teacher surveys. Report surveys to the State and enter data into PPICS.

Hawaii- Government Agencies

Hawaiian Affairs, Office of-HI $25,000
Indigenous Politics/Indigenous Governance Exchange 2011
Aikau, Hokulani K Department of Political Science
Funds for UHM tuition and training stipends for students attending a seminar in Victoria B.C., Canada plus other
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Government Agencies

costs related to the seminar team taught by UHM and University of Victoria faculty.

Hawaiian Affairs, Office of-HI
A'o Aku A'o Mai Cooperative Agreement
Sproat, Dana K, William Richardson School of Law
This program will address Office of Hawaiian Affairs (OHA) strategic priority of Aina.

Health, Dept - Adult Mental Health-HI
Adult Residency Contract
Matsu, Courtenay, Department of Psychiatry
Provide training and administrative support to psychiatric residents and fellows for the Department of Health, Adult Mental Health Division as outlined in the Scope of Services.

Health, Dept - HI
Hawaii Health Data Warehouse
Maddock, Jason E., John A. Burns School of Medicine
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
EMT Training Stipend Program
O'Hagan, Patricia, Chancellor, Kapiolani Community College
Stipend program for Emergency Medical Technicians who wish to receive Mobile Intensive Care Technician (MICT) training.

High Technology Development Corp-HI
HTDC Manufacturing Extension Partnership Program
McKee, John, Chancellor, University of Hawaii Maui College
To provide energy assessment training courses to Maui County students, culminating in onsite energy assessments with manufacturing clients on Maui.

Human Services, Dept - HI
Vocational Rehabilitation Needs Assessment
Izutsu, Satoru, John A. Burns School of Medicine
Project Goals & Objectives to: 1) Conduct an assessment of Vocational Rehabilitation Outcomes, consumer satisfaction with Vocational Rehabilitation Services, and Long Term (2 year) Vocational Rehabilitation Service Impact, 2) To provide technical assistance, and 3) To provide a website with information.

Human Services, Dept - HI
UH - CES Supplemental Nutrition Assistance Program - Education
Kanemuro, Naomi A, Department of Human Nutrition, Food and Animal Sciences
Project priorities are to explore practical ways to influence positive nutrition behaviors and to interactively deliver nutrition education services for Supplemental Nutrition Assistance Program participants and those eligible to participate. Supplemental funding to support FY 2010.
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Government Agencies

Human Services, Dept - HI

Training Required to Implement Hawaii's Child Welfare Program Improvement Plan - Task Order #Law 3
Tochiki, Laurie Arial  William Richardson School of Law
Provide training for the department of Human Services, and for students in law, nursing, education and social work that addresses key program improvement strategies to the Child Welfare System.

Land & Natural Res, Dept - HI

PCSU Firefighting Support in Conservation Research Areas
Duffy, David C  Department of Botany
PCSU conservation workers will provide firefighting support to the State during wildfires on sites conducting conservation research, PCSU workers will be limited to logistical support and firefighting “mop up.”

Hawaii- Health Organizations

Castle Medical Center

Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-CMC-OME
Sakai, Damon H  John A. Burns School of Medicine
Agreement to provide medical education to students and residents in a clinical setting.

Kalihi-Palama Health Center

Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KPHC-OBGYN
Sauvage, Lynnae Millar  Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide medical education to students and residents in a clinical setting.

Kapiolani Medical Center

Faculty Support Agreement Fiscal Year 2012 - Agreement No. FSA12-KMCWC-OBGYN-MFM
Sauvage, Lynnae Millar  Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide medical education to students and residents in a clinical setting.

Kapiolani Medical Center for Women & Children

Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KMCWC-SURG
Takanishi, Danny M Jr.  Department of Surgery
Agreement to provide medical education to students and residents in a clinical setting.

Kapiolani Medical Center for Women & Children

Reimbursement Agreement Fiscal Year 2012 - Agreement No. FSA12-KMCWC-PEDS-CRP
Nakamura, Kenneth T  Department of Pediatrics
Agreement to provide medical education to students and residents in a clinical setting.

Kapiolani Medical Center for Women & Children

Faculty Support Agreement Fiscal Year 2012 - Agreement No. SF11-KMCWC-PEDS-EXEC
Nakamura, Kenneth T  Department of Pediatrics
Agreement to provide medical education to students and residents in a clinical setting.
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Health Organizations

Kapiolani Medical Center for Women & Children
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KMCWC-PEDS
Nakamura, Kenneth T Department of Pediatrics
Agreement to provide medical education to students and residents in a clinical setting.

Kapiolani Medical Specialists
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KMS-PSYCH
Andrade, Naleen N Department of Psychiatry
Agreement to provide medical education to students and residents in a clinical setting.

Kapiolani Medical Specialists
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KMS-PEDS
Nakamura, Kenneth T Department of Pediatrics
Agreement to provide medical education to students and residents in a clinical setting.

Kuakini Medical Center
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KUA-GERI
Masaki, Kamal H Department of Geriatric Medicine
Agreement to provide medical education to students and residents in a clinical setting.

Kuakini Medical Center
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KUAKINI-SURG
Takanishi, Danny M Jr. Department of Surgery
Agreement to provide medical education to students and residents in a clinical setting.

Kuakini Medical Center
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-KUAKINI-MED
Tam, Elizabeth K Department of Medicine
Agreement to provide medical education to students and residents in a clinical setting.

Pacific In Vitro Fertilization Institute
Faculty Support Agreement Fiscal Year 2012 - Agreement No. FSA12-PIVF-OBGYN
Sauvage, Lynnae Millar Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide medical education to students and residents in a clinical setting.

Pacific In Vitro Fertilization Institute
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-PIVF-OBGYN
Sauvage, Lynnae Millar Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide medical education to students and residents in a clinical setting.
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Health Organizations

Queen's Medical Center
- Reimbursement Agreement Fiscal Year 2010 - Agreement No. SF12-QMC-SURG
  Takanishi, Danny M Jr.  Department of Surgery
  Agreement to provide medical education to students and residents in a clinical setting.
  $336,118

Queen's Medical Center
- Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-QEC-SURG-ORTHO
  Takanishi, Danny M Jr.  Department of Surgery
  Agreement to provide medical education to students and residents in a clinical setting.
  $95,074

Queen's Medical Center
- Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-QEC-SURG
  Takanishi, Danny M Jr.  Department of Surgery
  Agreement to provide medical education to students and residents in a clinical setting.
  $340,153

Queen's Medical Center
- Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-QEC-MED
  Tam, Elizabeth K  Department of Medicine
  Agreement to provide medical education to students and residents in a clinical setting.
  $205,094

Queen's Medical Center
- Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-QEC-MED
  Tam, Elizabeth K  Department of Medicine
  Agreement to provide medical education to students and residents in a clinical setting.
  $55,149

Queen's Medical Center
- Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-QEC-PEDS
  Nakamura, Kenneth T  Department of Pediatrics
  Agreement to provide medical education to students and residents in a clinical setting.
  $176,303

Queen's Medical Center
- Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-QMC-SURG-ORTHO
  Takanishi, Danny M Jr.  Department of Surgery
  Agreement to provide medical education to students and residents in a clinical setting.
  $418,290
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Health Organizations

Rehabilitation Hospital of the Pacific
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-REHAB-MED
Tam, Elizabeth K Department of Medicine
Agreement to provide medical education to students and residents in a clinical setting.

$17,602

Straub Clinic & Hospital
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-STRAUB-SURG
Takanishi, Danny M Jr. Department of Surgery
Agreement to provide medical education to students and residents in a clinical setting.

$33,177

University Clinical, Ed & Research Assoc. (UCERA)
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-UCERA-GERI
Masaki, Kamal H Department of Geriatric Medicine
Agreement to provide medical education to students and residents in a clinical setting.

$689,386

University Clinical, Ed & Research Assoc. (UCERA)
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-UCERA-PEDS
Nakamura, Kenneth T Department of Pediatrics
Agreement to provide medical education to students and residents in a clinical setting.

$23,453

University Clinical, Ed & Research Assoc. (UCERA)
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-UCERA-OD-INTL
Izutsu, Satoru John A. Burns School of Medicine
Agreement to provide medical education to students and residents in a clinical setting.

$21,954

University Clinical, Ed & Research Assoc. (UCERA)
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-UCERA-OBGYN
Sauvage, Lynnae Millar Department of Obstetrics, Gynecology, and Women's Health
Agreement to provide medical education to students and residents in a clinical setting.

$3,949,116

University Clinical, Ed & Research Assoc. (UCERA)
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF12-UCERA-PSYCH
Andrade, Naleen N Department of Psychiatry
Agreement to provide medical education to students and residents in a clinical setting.

$2,094,994

University Clinical, Ed & Research Assoc. (UCERA)
Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF11/12-UCERA-SURG
Takanishi, Danny M Jr. Department of Surgery
Agreement to provide medical education to students and residents in a clinical setting.

$467,431
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Health Organizations

Waianae Coast Comprehensive Health Ctr
Waianae Health Academy - Ola Loa Ka Naauao - 09/01/10 - 08/31/11
Umehira, Ronny T
Chancellor, Leeward Community College
Provide a Pre Health Bridge program; a Substance Abuse Counseling program of study; a Community Health Worker I & II program of study; a Program Information Session for each program of study; student support services; and instruction for the Waianae Health Academy. Also provide a Nurse Aide non-credit program.

Hawaii- Non-Profit Organizations

Asia-Pacific Economic Cooperation 2011 Hawai'i
APEC 2011 Hawaii Training Proposal - Kapiolani Community College
Hoshiko, Carol A
Chancellor, Kapiolani Community College
Kapiolani Community College (KCC), through its Office for Continuing Education and Training (OCET) will provide coordination, registration, scheduling, and on-site management services for the APEC training sessions.

Hau'oli Mau Loa Foundation
The Coordinating Group on Alien Pest Species (CGAPS) Database Pilot Project
Duffy, David C
Department of Botany
Review and organize presence/absence data and potential pathway information on pests with a high risk to enter Hawaii.

Hawaii Community Foundation (HCF)
Homegrown MDs
Sanders, Beth H
Chancellor, Hawaii Community College
To educate ETS participants interested in the medical profession on medical related opportunities and educational requirements. Provide job information and knowledge through professional guest speakers, workshops, club identification, and potential career shadowing opportunities in an attempt to encourage interest in the medical profession.

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

University of Hawaii Foundation
Waikiki Ecosystem Restoration Project (Phase II)
Grau, E Gordon
Sea Grant College Program
To support a position for a UH Sea Grant College Program Extension Coordinator who is primarily dedicated to the Waikiki Ecosystem Restoration Project.

University of Hawaii Foundation
Twenty Five Years of Edwin W. Pauley Summer Programs in Marine Biology: A Synthesis of Scientific Contributions and Human Resource Development
Leong, Jo-Ann C
Hawaii Institute of Marine Biology
We propose to retrospectively identify the scientific contributions of the Pauley Summer Program. The methods of dissemination for this information will be the creation of two web-based resources, an enhanced Edwin W. Pauley Summer Program website and the novel Kane'ohe Bay Information System website.
Gifts, Grants, and Contracts for June 2011

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $3,600
Mizushima International Kimono Program
Young, Donald B Jr. Curriculum Research and Development Group
To conduct the project entitled: "Mizushima International Kimono Program"

University of Hawaii Foundation $2,500
The Primal Quest
Herman, Louis G Chancellor, University of Hawaii at West Oahu
$2,500 in matching funds pledged from Doran Foundation for lecturer replacement for one course to enable work on completing book manuscript and developing film production "Primal Quest".

University of Hawaii Foundation $240,406
STAR: Using Technology to Enhance the Academic Journey
Rodwell, Gary Office of Undergraduate Education
The project has two phases; 1) The expansion of STAR to help with forecasting course demand, student planning, and intelligent registration communications to keep students on track, thus decreasing time and additional credits to graduation; 2) Expanding STAR as an open-source tool to be used across states and regions as a long-term goal.

University of Hawaii Foundation $1,500
Vulcan Athletic Club Fund
Irvin, Larry Dexter Chancellor, University of Hawaii at Hilo-UHH
Website development, create and maintain membership and donor mailing lists, create newsletters, general administrative assistant assignments for UHH Athletics Department

University of Hawaii Foundation $43,070
WCC/UHF Pacific Initiative for Environmental Studies
Krupp, David A Chancellor, Windward Community College
Undergraduate and K-12 education and outreach in environmental studies.

University of Hawaii Foundation $73,198
P-20 Educational Outcomes
Johnsrud, Linda K Executive Vice President for Academic Affairs/Provost
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 $15,319
"Luce Foundation East Asian Archeology and Early History Initiative" - Agreement between UHF and UH
Stark, Miriam T Department of Anthropology
Agreement modification between UHF [via Luce Foundation] and UH [RCUH] to utilize remaining funds of $15,319.01 to accommodate salary and fringe benefits for UH employee, Rachel Hoerman (Junior Specialist, Pos. Number 88416). To be paid from UH account #438755.
Gifts, Grants, and Contracts for June 2011

Non-Research

Mainland- Business and Other

Novartis Pharmaceuticals Corp $76,936
CSPV100AUS05: To Evaluate the Efficacy and Safety of the Combination of Valturna and Amlopidine or Valturna and Chlorthalidone vs Valturna Alone
Arakaki, Richard F Department of Medicine
This study is a 3 arm, forced titration study designed as an evaluation of the blood pressure lowering efficacy of the combination of Valturna and Amolopidine vs Valturna alone. A secondary objective will be to evaluate the blood pressure lowering efficacy of the combination of Valturna and Chlorthalidone vs Valturna alone.

RK Consulting $20,000
Rob Knourek MALT Internship
Hoffman, Mark G Chancellor, University of Hawaii Maui College
Training in the development of database applications for the internet.

Thirty Meter Telescope Observatory Corporation $43,625
Hawaii Island Akamai Program
Hunter, Lisa Institute for Astronomy
Provide housing, meals, transportation and supplies for 12 students to participate in the Akamai workshops on the island of Hawaii.

Mainland- Non-Profit Organizations

John Snow, Inc. $35,000
Hawaii Health Data Warehouse, Healthy People 2020
Maddock, Jason E. Office of Public Health Studies
We propose to use the 2020 Action funding to increase the visibility and availability of the Healthy People 2020 measures in Hawaii using the Hawaii Health Data Warehouse (HHDW). The project will include aligning HHDW indicators with HP2020, creating new data indicators and in-depth summary reports by chapter in HHDW, convening a group of internal and external stakeholders to review the data and creating additional HP2020 indicators for the tracker in the Hawaii Health Matters website.

Western States Arts Federation (WESTAF) $2,500
First Person: Seeing America
Slaughter, Timothy Roy Outreach Community Programs
Performance and workshops by musical group and narrators interspersed with images from the collection of the Metropolitan Museum of Art.

National Science Foundation

National Science Foundation $119,892
Ka`imi`ike: Explorations in the Geosciences for Native Hawaiians and Pacific Islanders (Track 2)
Gibson, Barbara A. Department of Oceanography
Ka`imi`ike aims to introduce Native Hawaiians and Pacific Islanders to fields in the geosciences through an exploratory summer institute where local geoscientist showcase their careers and research. Activities that utilize GPS, GIS, and remote sensing technologies will be emphasized, and the program will provide a venue for a cooperative internship program.
Gifts, Grants, and Contracts for June 2011

Non-Research

**National Science Foundation**

National Science Foundation

**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.

$271,209

National Science Foundation

**Support of BGSW6: The 6th Biennial Geochemical SIMS Workshop; November 2-4, 2011 at the Outrigger Reef Hotel, Honolulu, Hawaii**
Huss, Gary Robert Hawaii Institute of Geophysics and Planetology
This proposal requests funds to hold the 6th Biennial Geochemical SIMS Workshop on November 2-4, 2011. This meeting brings together scientists from all over the world to discuss SIMS research. It will showcase the W.M. Keck Cosmochemistry Laboratory at the University of Hawaii.

$38,033

National Science Foundation

**University of Hawaii Ship Operations 2005-2009**
Shor, Alexander N School of Ocean and Earth Science and Technology
Continued operation of research vessels Kilo Moana and Kalmikai-O-Kanaloa in support of NSF-funded ocean science.

$1,895,000

**US Colleges and Universities**

Kamaile Academy, Public Charter School

**CREDE Professional Development at Kamaile Academy**
Yamauchi, Lois A Department of Educational Psychology
The purpose of this project is to (a) promote Kamaile Academy teachers’ understanding and use of strategies of effective instruction for culturally diverse learners, (b) facilitate teachers’ planning of a high school built on this model, and (c) evaluate the effects of professional development on teachers and students.

$8,845

Massachusetts Worcester, University of

**UMMS Reynolds Subaward Agreement**
Masaki, Kamal H Department of Geriatric Medicine
Subaward agreement with UMASS Worcester to provide technical assistance in development and integration of clinical skills assessment experience.

$15,000

Miami, University of

**CHAART-II Laboratory Services**
Gerschenson, Mariana Department of Cell and Molecular Biology
This fee for service contract will measure mitochondrial energy and oxidative stress in frozen cells.

$138,000

Washington, University of

**Ocean Observatories Initiative Regional Scale Nodes Project Scientist - Continuation**
Luther, Douglas S Department of Oceanography
Dr. Doug Luther (University of Hawaii) will provide support for the University of Washington Ocean, Observatories Initiative Regional Scale Nodes Office in developing community engagement with the OOI/RSN and ensuring synergy between scientific objectives and technological capabilities.

$50,000

Subcount: 93 Subtotal: $26,431,356
Count: 205 Total: $54,264,556
Funds Received from UH Foundation for 06/01/2011 - 06/30/2011

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation $39,800
"Waikiki Ecosystem Restoration Project (Phase II)"
Grau, E Gordon Sea Grant College Program
To support a position for a UH Sea Grant College Program Extension Coordinator who is primarily dedicated to the Waikiki Ecosystem Restoration Project.

University of Hawaii Foundation $2,500
"The Primal Quest"
Herman, Louis G Chancellor, University of Hawaii at West Oahu
$2,500 in matching funds pledged from Doran Foundation for lecturer replacement for one course to enable work on completing book manuscript and developing film production "Primal Quest".

University of Hawaii Foundation $1,500
"Vulcan Athletic Club Fund"
Irvin, Larry Dexter Chancellor, University of Hawaii at Hilo-UHH
Website development, create and maintain membership and donor mailing lists, create newsletters, general administrative assistant assignments for UHH Athletics Department

University of Hawaii Foundation $73,198
"P-20 Educational Outcomes"
Johnsrud, Linda K Executive Vice President for Academic Affairs/Provost
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 $43,070
"WCC/UHF Pacific Initiative for Environmental Studies"
Krupp, David A Chancellor, Windward Community College
Undergraduate and K-12 education and outreach in environmental studies.

University of Hawaii Foundation $24,000
"Twenty Five Years of Edwin W. Pauley Summer Programs in Marine Biology: A Synthesis"
Leong, Jo-Ann C. Hawaii Institute of Marine Biology
We propose to retrospectively identify the scientific contributions of the Pauley Summer Program. The methods of dissemination for this information will be the creation of two web-based resources, an enhanced Edwin W. Pauley Summer Program website and the novel Kane'ohi Bay Information System website.

University of Hawaii Foundation $240,406
"STAR: Using Technology to Enhance the Academic Journey"
Rodwell, Gary Office of Undergraduate Education
The project has two phases; 1) The expansion of STAR to help with forecasting course demand, student planning, and intelligent registration communications to keep students on track, thus decreasing time and additional credits to graduation; 2) Expanding STAR as an open-source tool to be used across states and regions as a long-term goal.

University of Hawaii Foundation $15,319
""Luce Foundation East Asian Archeology and Early History Initiative" - Agreement between UHF and UH"
Stark, Miriam T Department of Anthropology
Agreement modification between UHF [via Luce Foundation] and UH [RCUH] to utilize remaining funds of $15,319.01 to accommodate salary and fringe benefits for UH employee, Rachel Hoerman (Junior Specialist, Pos. Number 88416).
**Funds Received from UH Foundation for 06/01/2011 - 06/30/2011**

### Non-Research

**Hawaii- Non-Profit Organizations**

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

### Research

**Hawaii- Non-Profit Organizations**

- University of Hawaii Foundation
  - "CRCH Traineeship"
  - Carbone, Michele
  - UH Cancer Center
  - Support of CRCH activity: 2008 Meiji Yasuda summer research fellowships.

- 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.

- University of Hawaii Foundation
  - "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

- University of Hawaii Foundation
  - "The Hawaii Initiative for Childhood Obesity Research and Education"
  - Rudoy, Raul C
  - Department of Pediatrics
  - HICORE’s mission is to provide leadership of a collaborative, multi-disciplinary effort in research and education on childhood/adolescent obesity in Hawaii. This effort will bring together individuals, community, and organizations in Hawaii, to understand and address the childhood obesity epidemic in Hawaii especially the most vulnerable of Hawaii’s children and families.

- University of Hawaii Foundation
  - "The L2 Child is Key: On the Development of Japanese by L1 English-Speaking Children"
  - Schwartz, Bonnie D
  - Department of Second Language Studies
  - This research consists of a study on the acquisition of Japanese as a second language on the part of native English-speaking children in an all-day Japanese program in elementary school; the data come from a series of comprehension and production experiments.

- University of Hawaii Foundation
  - "Respiratory Health"
  - Tam, Elizabeth K
  - Department of Medicine
  - Teach General Internal Medicine Ambulatory and inpatient care to medical students and medical residents, assist in clinical research, provide consultative care in inflammatory/immunologic diseases; develop/evaluate traning

**Count:** 15  
**Total:** $635,135
Extramural Research Awards
for the Month of
June 2011
Distribution by Sponsors

<table>
<thead>
<tr>
<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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</thead>
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<td>DHHS-Dept of Health and Human Services</td>
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<td>DOD-Department of Defense</td>
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<td>DOE-Dept of Energy</td>
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<td>ED-Dept of Education</td>
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<td>National Aeronautics and Space Administration</td>
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<td>$399,540</td>
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<tr>
<td>National Science Foundation</td>
<td>11</td>
<td>$1,686,461</td>
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<td>US Colleges and Universities</td>
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<td>$458,654</td>
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<tr>
<td><strong>Total:</strong></td>
<td><strong>112</strong></td>
<td><strong>$27,833,200</strong></td>
<td><strong>100%</strong></td>
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Extramural Non-Research Awards
for the Month of
June 2011
Distribution by Sponsors

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<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
</tr>
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<tbody>
<tr>
<td>DHHS-Dept of Health and Human Services</td>
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<tr>
<td>DOC-Dept of Commerce</td>
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<td>DOD-Department of Defense</td>
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<td>Hawaii- Non-Profit Organizations</td>
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<td>US Colleges and Universities</td>
<td>4</td>
<td>$211,845</td>
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</tbody>
</table>

**Total:**                                     **93**  **$26,431,356**  **100%**
# Extramural Research Awards

**Year to Date: 07/01/10 - 06/30/11**

**Distribution by Sponsors**

<table>
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<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
<th>PERCENT</th>
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<tbody>
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<td>DA-Dept of Agriculture</td>
<td>51</td>
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<tr>
<td>DHHS-Dept of Health and Human Services</td>
<td>108</td>
<td>$67,522,893</td>
<td>23.97%</td>
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<td>DOC-Dept of Commerce</td>
<td>62</td>
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<td>68</td>
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<td>Mainland- Non-Profit Organizations</td>
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<td>Miscellaneous</td>
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<td>US Colleges and Universities</td>
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**Total:** 1070 | $281,745,764 | 100%

Note: YTD amounts include adjustments.
Extramural Non-Research Awards
Year to Date: 07/01/10 - 06/30/11
Distribution by Sponsors

<table>
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<th>AGENCY-UNIT</th>
<th>NO. OF AWARDS</th>
<th>AMOUNT</th>
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<td>DOE-Dept of Energy</td>
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<td>Hawaii- Government Agencies</td>
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<td>Mainland- Health Organizations</td>
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<td>$231,250</td>
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<td>National Aeronautics and Space Administration</td>
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<td>11.64%</td>
</tr>
<tr>
<td>US Colleges and Universities</td>
<td>38</td>
<td>$2,609,051</td>
<td>1.26%</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>729</strong></td>
<td><strong>$206,852,144</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Note: YTD amounts include adjustments.