

Gifts, Grants, and Contracts for February 2011

The following gifts, grants and contracts received by all campuses during the period February 1, 2011 through February 28, 2011 total \$29,534,845. The unofficial FY 2011 year-to-date total is: \$378,191,045.

Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Ctrs for Disease Cntrl & Prvntn (CDC)	\$80,000
<u>Program to Assess Health Effects Associated with Exposures to Volcanic Emissions and Environmental Air Pollutants</u>	
Tam, Elizabeth K	Department of Medicine
Extend a community-based participatory research network to study the respiratory effects of volcanic air pollution in Hawaii Island schoolchildren.	
Health & Human Svc, Dept - Natl Inst of Health (NIH)	\$221,454
<u>Contribution of Sperm Nucleus to Paternal DNA Replication</u>	
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/NIH - Natl Inst of Child Hlth & Human Dev	\$3,685,956
<u>National Children's Study University of Hawaii Study Center - Honolulu County</u>	
Sauvage, Lynnae Millar	Department of Obstetrics, Gynecology, and Women's Health
Our objective is to be part of the National Children's Study (NCS) and contribute to the planned cohort study examining the effects of environmental influences on the health and development of approximately 100,000 children.	
Health & Human Svc, Dept/NIH - Natl Inst on Drug Abuse	\$425,250
<u>Factors for Enhanced Neurotoxicity in Methamphetamine Abuse and HIV Infection</u>	
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	

DOC-Dept of Commerce

Commerce, Dept/NOAA - Natl Marine Fisheries Svc	\$308,825
<u>Sustainable Fisheries Initiative</u>	
Schroeder, Thomas A	Joint Institute for Marine and Atmospheric Research
Facilitates the effective conservation of marine resources and their sustained optimal use in federal waters around the State of Hawaii and other U.S. territories, commonwealth, and island possessions in the western Pacific region.	

DOD-Department of Defense

Defense, Dept - Air Force	\$300,000
<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 February 2011

Research

DOD-Department of Defense

Defense, Dept - Air Force	\$700,000
<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 Ofc of Scientific Rsch	\$29,665
<u>Development and Application of a Biologically Inspired Methodology for the Optimized, Multi-disciplinary and Multi-objective Design of Air Vehicles</u>	
Kobayashi, Marcelo H	Department of Mechanical Engineering
Development of novel design methodologies for air vehicle design.	
Defense, Dept - Office of Naval Research	\$53,729
<u>Multiple Approaches for Testing Novel Coatings in the Laboratory and in Pearl Harbor, Hawaii. Investigations at the Microbial and Macrofouler Levels</u>	
Hadfield, Michael G	Pacific Biosciences Research Center
Testing of fouling organisms on experimental marine coatings.	
Defense, Dept - Office of Naval Research	\$50,433
<u>Hawaii Energy and Environmental Technologies (HEET) Initiative 2010</u>	
Rocheleau, Richard E	Hawaii Natural Energy Institute
Conduct research on development and testing of fuel cells, exploration and characterization of methane hydrates, and testing of emerging alternative energy technologies.	
Defense, Dept - Office of Naval Research	\$14,328,881
<u>Hawaii Energy and Environmental Technologies (HEET) Initiative 2010</u>	
Rocheleau, Richard E	Hawaii Natural Energy Institute
Conduct research on development and testing of fuel cells, exploration and characterization of methane hydrates, and testing of emerging alternative energy technologies.	
Defense, Dept - Office of Naval Research	\$1,904,106
<u>Hawaii Energy and Environmental Technologies (HEET) Initiative 2010</u>	
Rocheleau, Richard E	Hawaii Natural Energy Institute
Conduct research on development and testing of fuel cells, exploration and characterization of methane hydrates, and testing of emerging alternative energy technologies.	

DOI-Dept of Interior

Interior, Dept - U.S. Geological Survey	\$4,700
<u>UHH Book Publishing Project</u>	
Ziegler-Chong, Sharon	College of Agriculture, Forestry-UHH

Gifts, Grants, and Contracts for February 2011

Research

ED-Dept of Education

Education, Dept - FED \$499,006

Accessible Professional Development for Teaching Aquatic Science Inquiry

Duncan, Kanesa Curriculum Research and Development Group

We propose to develop and evaluate a professional development (PD) series of modules and online learning community support that use instructional inquiry - learning about science by engaging in the practice of science. The PD will be developed around aquatic science content and tested throughout the state of Hawaii.

Foreign

Japan Foundation \$196,166

Survey of Japan Specialists and Japanese Studies Institutions in North America Project

Steinhoff, Patricia G Department of Sociology

The project will conduct surveys of Japan specialists and Japanese Studies institutions in the U.S. and Canada and produce electronic files for a directory and a searchable website, a study of the current state of Japanese studies in the U.S., and a volume on Japanese Studies in Canada.

Hawaii- Business and Other

East West Center \$182,000

Year 1 - Climate Adaptation Partnership for the Pacific (CAPP)

Hamilton, Kevin P Department of Meteorology

IPRC will conduct research on developing and applying regional climate models and will contribute to outreach efforts and stakeholder interactions.

Hawaii Council for the Humanities \$2,500

Hawaiians in the American Civil War (Research Grant)

Smith, Jeffrey A Chancellor, University of Hawaii at Hilo-UHH

Research on the role Native and non-Native Hawaiians played on both sides of the American Civil War

Honolulu Seawater Air Conditioning LLC \$39,568

Survey of the Proposed Honolulu Seawater Air Conditioning Pipe Route

Wiltshire, John C Hawaii Undersea Research Laboratory

Submersible survey of the proposed route for the Honolulu Seawater Air Conditioning (HSWAC) pipe.

K Taniguchi Ltd \$10,000

Mobilizing Community Support in Grant Proposal Development to Investigate Risks of Childhood Obesity in Rural Hawaii

Affonso, Dyanne Chancellor, University of Hawaii at Hilo-UHH

Complete a grant proposal application for submission to the NIH for June 1, 2011, by working with key community stakeholders

Malama O Puna \$26,400

Restoration and Protection of Hawaii Island's Coastline through Island-Wide Extirpation of the alien Red Mangrove Rhizophora mangle

Duffy, David C Department of Botany

Restore native coastline on Hawaii Island by removing invasive mangroves. Collect data to determine efficiency and benefits of mangrove eradication.

Gifts, Grants, and Contracts for February 2011

Research

Hawaii- Business and Other

Papa Ola Lokahi \$300,074

PILI Ohana Project: PILI@Work Study

Kaholokula, Joseph

Department of Native Hawaiian Health

Act as the Project Leader to oversee all aspects of the project, including working with Papa Ola Lokahi's Imi Hale Native Hawaiian Cancer Network, to conduct a 5-year (2010-2015) randomized control trial (RCT) titled PILI@Work (this form covers Year 1 of five years).

Hawaii- Dept of Education

Education, Dept - HI \$54,597

Evaluation of Supplemental Education Services Program

Inazu, Judith K

Social Science Research Institute

To conduct an evaluation of the NCLB's Supplemental Education Services Program.

Hawaii- Government Agencies

County of Maui - Dept of Water Supply \$71,250

West Maui Mountains Watershed Protection

Morden, Clifford W

Department of Botany

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

High Technology Development Corp-HI \$127,678

Data Collection and Analysis to Support HCATT Electric and Hybrid Vehicle Demonstration Program

Liaw, Bor Yann

Hawaii Natural Energy Institute

HNEI will utilize the utility and capability developed in the previous project activities to continue this service to HCATT and Air Force APTO to facilitate the evaluation of the fleet operations and the vehicle performance of hybrid vehicles in the Hickam Air Force base.

Judiciary, Dept - HI \$14,525

Program Evaluation for Juvenile Detention Alternatives Initiative, First Judicial Circuit, State of Hawaii

Steffen, John

Social Science Research Institute

Conduct field test and validation study of a detention risk assessment instrument. Analyze existing data. Assist in completion of quarterly data reports. Assist in developing routine statistical reports.

Judiciary, Dept - HI \$8,195

JDAI DMC Facilitation

Umemoto, Karen N

Department of Urban and Regional Planning

In consultation with the Juvenile Detention Alternatives Initiative Coordinator and Disproportionate Minority Contact subcommittee Chair, we will design and facilitate a process to develop a work plan to reduce racial disparities in detention, prepare and facilitate subcommittee meetings, synthesize/analyze data, draft a report.

Land & Natural Res, Dept - Div of Aquatic Resources-HI \$119,293

Fish and Habitat Monitoring and Assessment: Year Two

Duffy, David C

Department of Botany

Monitor and assess marine ecosystems by collecting and compiling data on fish communities, mobile invertebrates, reef benthos, and water temperature and turbidity around Hawaii Island.

Gifts, Grants, and Contracts for February 2011

Research

Hawaii- Government Agencies

Land & Natural Res, Dept - Div of Aquatic Resources-HI \$46,397

Investigating the Deep (50-100 m) Coral Reefs of Hawaii

Bowen, Brian R Hawaii Institute of Marine Biology
Sequence DNA from fishes on the deep and shallow reefs of Hawaii.

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI \$34,000

Host Range Testing and Molecular Analysis of the Rust Disease Puccinia psidii Winter

Uchida, Janice Y Department of Plant and Environmental Protection Sciences
Test Puccinia psidii isolated collected from ohia, allspice, rose apple and inoculate other Myrtacea hosts such as guava, jaboticaba, surinam cherry, and eucalyptus to determine the host range of the rust. To confirm that the Hawaii rust is a single strain, test the rust DNA with newly developed primers.

Hawaii- Health Organizations

Kuakini Medical Center \$18,074

Epidemiology of Brain Aging the Very Old

Inaba, Michiko Department of Geriatric Medicine
Sub-award between UH-JABSOM & Kuakini Medical Center for faculty to conduct neurological examinations, including proxy interviews. Also dictate cases, attend consensus diagnosis conferences, and take part in some analysis of data.

Hawaii- Non-Profit Organizations

HCF-Leahi Fund \$60,000

Pulmonary Surfactant and Steroid Interaction and its Effect on Prevention and Treatment of Chronic Lung Diseases in Preterm Newborns

Zuo, Yi Department of Mechanical Engineering
The objective of the proposed research is to study the molecular mechanism of interaction between pulmonary surfactant and steroid drugs delivered by inhalation in the treatment of preterm newborns with or at high risk for chronic lung disease.

Tri-Isle Resource Conservation & Dev Council \$91,729

Ungulate and Invasive Species Control in Priority Areas of East Maui Watershed

Morden, Clifford W Department of Botany
Conduct applied research and management of the native forests in Eat Maui's watershed.

University of Hawaii Foundation \$4,833

Fairmont Orchid Reef Monitoring

Adolf, Jason Natural Sciences-UHH
Monitor nutrient levels in anchialine ponds and adjacent coastal areas in order to better understand the impact of nutrients delivered by groundwater on the coastal ecosystem.

University of Hawaii Foundation \$2,576

Special Project for Takazawa Collection

Steinhoff, Patricia G Department of Sociology
graduate student will catalog new materials from the donor, Takazawa Koji, into the collection database and perform related tasks including liaison with the donor.

Gifts, Grants, and Contracts for February 2011

Research

Hawaii- Non-Profit Organizations

isisHawaii \$29,000

Ipu Waiwai Evaluation

Mills, Crystal School of Social Work

The evaluation will include a process study and an outcome study. The Process study will monitor implementation and provide information on program fidelity. The outcome study will focus on the effectiveness of the model in

Mainland- Business and Other

Lockheed Martin Corporation Space Systems \$70,567

Ocean Thermal Extractable Energy Visualization

Potemra, James T Hawaii Institute of Geophysics and Planetology

Provide oceanographic data analysis for ocean thermal energy conversion (OTEC) sites.

Lockheed Martin Corporation Space Systems \$32,000

Lockheed Martin OTEC Project, Phase 2

Vega, Luis Hawaii Natural Energy Institute

Provide the services of Dr. Luis Vega to provide the LM team support in the definition and design of ocean thermal energy conversion (OTEC) plantships; participate in design review meetings; provide input and review of the technology and commercialization plans under development.

Nathan Associates Inc. \$97,850

Pacific Disaster Center AHA Center Gap Analysis

Gaines, James R Vice President for Research

The Pacific Disaster Center will prepare an AHA Center Information Communication Technology Gap Analysis activity under Phase II of the ASEAN-US Technical Assistance and Training Facility

Space Telescope Science Institute \$14,000

Physical Characteristics of the Massive Outflow in 3C 48

Stockton, Alan N Institute for Astronomy

The purpose of this project is to obtain high-spatial-resolution spectroscopy of gas in a massive outflow from the quasar 3C48, in order to determine the physical parameters of the gas, such as its density and velocity field. These will allow us to estimate the total mass, momentum, and kinetic energy of the outflow.

Mainland- Health Organizations

American Heart Association \$66,000

The Role of AMCC6 in Chronic and Acute Cardiovascular Mineralization

Le Saux, Olivier Department of Cell and Molecular Biology

The overall goal of this proposal is to address the role of ABCC6 in chronic and acute dystrophic calcification in cardiovascular.

American Heart Association \$50,048

Regulating the Degradation of Connexin43 Through the Proteasomal Pathway

Su, Vivian 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.

Gifts, Grants, and Contracts for February 2011

Research

Mainland- Non-Profit Organizations

Carnegie Institution of Washington \$32,934
PLUME: Imaging the Hawaiian Hotspot and Swell

Wolfe, Cecily Jo Hawaii Institute of Geophysics and Planetology
Study the Earth's mantle structure in Iceland and Hawaii.

Consortium for Ocean Leadership \$11,986
Participation in the Up-Coming Integrated Ocean Drilling Program (IODP) Expedition #327

Cowen, James P Department of Oceanography
Salary support to participate in the up-coming IODP Expedition #327 Juan de Fuca Hydrogeology aboard the JOIDES Resolution.

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$400,000
A NEO Search Program Using the Pan-STARRS PS1 Telescope

Jedicke, Robert Institute for Astronomy
Support of the PS1 Telescope operation and MOPS project on Haleakala for the NASA Near Earth Object Search Program.

National Aeronautics & Space Administration \$21,000
Studying Young Gas-Giant Planets Directly

Liu, Michael C Institute for Astronomy
We will conduct photometric, spectroscopic, and astrometric studies of gas-giant planets detected by direct imaging.

National Science Foundation

National Science Foundation \$999,959
CREST: Center in Tropical Ecology & Evolution in Marine and Terrestrial Environments

Price, Donald Natural Sciences-UHH
Center for Research Excellence in Science & Technology

National Science Foundation \$85,541
EAGER-US-Egypt: Novel Non-Invasive Microwave Vital Signs Sensor and Low-Cost Wireless Tele-Healthcare System for Monitoring Remote Patients

Iskander, Magdy F. Hawaii Center for Advanced Communications
Development of a reliable and low cost wireless tele-healthcare system for remote monitoring of patients and screening of school students with focus on the development of a novel microwave sensor and associated digital signal processing algorithms for monitoring vital signs in humans.

National Science Foundation \$153,634
The Absolute Motion of the Africa Plate

Wessel, Paul Department of Geology and Geophysics
The absolute motion of the Africa Plate is a key building block for the history of the global plate motions. We will reanalyze available data and determine an updated motion history using our polygonal finite rotation methodology.

Gifts, Grants, and Contracts for February 2011

Research

National Science Foundation

National Science Foundation \$148,106

Collaborative Research: Transport, Internal Waves and Mixing in the Samoan Passage

Carter, Glenn S Department of Oceanography

To conduct measurements in the Samoan Passage, the main pathway for deep water to enter the North Pacific Ocean. The measurements will be both to understand the processes changing the water properties as water flows north, and a longer term monitoring event to estimate the transport through the passage.

US Colleges and Universities

California Davis, University of \$112,773

AANCART: The National Center for Reducing Asian American Cancer Health Disparities

Agbayani, Amy Student Equity, Excellence, and Diversity

The overall vision is to reduce cancer disparities among Asian Americans. Using community-based participatory research, the Center will use its established network and academic-community partnerships to conduct innovative outreach, research and training efforts in five cities in Hawaii, California, and Washington.

California San Diego, University of \$320,600

Creating a Pediatric Imaging-Genomics Data Resource

Chang, Linda John A. Burns School of Medicine

The overall goal of this project is to create a combined Imaging (MRI) and Genomics data resource in children, in the form of a multi-center collaboration. UH will enroll subjects for the study, and be in charge of 2 Cores (Medical Core and MR Acquisition Core).

Illinois, University of \$19,763

Protecting Drinking Water by Reducing Uncertainties Associated with the Geologic Carbon Sequestration in Deep Saline Aquifers

Ray, Chittaranjan Water Resources Research Center

Support Illinois State Geological Survey/University of Illinois in estimating storage and transmission properties of deep saline aquifers for the storage of supercritical carbon dioxide.

Miami, University of \$288,789

Mitochondrial Determinants of Metabolic Disease in HIV-Infected Children

Gerschenson, Mariana Department of Cell and Molecular Biology

Mitochondrial protein, DNA, and RNA assays (no genetic studies) will be measured in human blood or cheek cells (with no personal identifiers).

New Mexico, University of \$139,310

Volcanic Carbon Atmospheric Flux Experiment (V-CAFE): Development of Instrumentation for Volcanic Carbon Flux Monitoring

McMurtry, Gary M Department of Oceanography

Build, test & deploy a mini-Autonomous volcanic gas monitor that is rugged, portable & consists of a compact ion trap mass spectrometer. Gas monitor incorporated into V-CAFE for field-testing combined w/sophisticated volcanic plume modeling. To develop an approach for real-time volcanic CO₂ flux measurements, globally.

Ohio State University \$76,537

A Systems Approach to Managing Microbial Threats to Greenhouse Tomatoes

Alvarez, Anne M Department of Plant and Environmental Protection Sciences

Investigator will work with an interstate team of researchers to develop innovative disease management practices for bacterial, fungal, virus and viroid diseases of tomato. This involves genetic sequencing of bacterial genes to determine relationships among virulent strains and to trace geographical origins of virulent bacteria.

Gifts, Grants, and Contracts for February 2011

Research

US Colleges and Universities

Oregon, University of	\$45,211
<u>The Pacific Center for Ocean Science Education Excellence (COSEE Pacific)</u>	
Hadfield, Michael G	Pacific Biosciences Research Center
Participate with the University of Oregon to further develop partnerships and outreach activities for the Center for Ocean Science Education Excellence (COSEE).	
South Dakota School of Mines and Technology	\$48,312
<u>Extraction of Bio-oils from Biomass Using Ionic Liquid Based Co-solvents</u>	
Cooney, Michael J	Hawaii Natural Energy Institute
This project will obtain the experimental data required to characterize the molecular and thermodynamic properties that control the extraction and phase separation of lipids from biomass in co-solvent mixtures.	
Southern California, University of	\$143,223
<u>Center for Dark Energy Biosphere Investigations</u>	
Cowen, James P	Department of Oceanography
To participate in C-DEBI project as co-PI and coordinator of instrumentation development. Participate in cruises to Juan de Fuca Ridge flanks and North Pond, Atlantic Ocean.	
Southern California, University of	\$39,384
<u>Southern California Women's Interagency HIV Study Consortium</u>	
Shikuma, Cecilia M	Department of Medicine
This consortium is to continue our participation in the Women's Interagency HIV Study (WIHS), a longitudinal study to define characteristics of HIV infected women.	

Subcount: 59 **Subtotal:** \$27,448,387

Non-Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - FED	\$750,000
<u>JOB'S MED: Hire Abilities - Hawaii</u>	
Stodden, Robert A	Center on Disability Studies
The proposed project will be working toward the implementation of Medicaid Buy-In program in the State of Hawaii, and will be promoting the linkage between medicaid, employment-related service agencies and private businesses, and will develop a comprehensive system of employment supports for people with disabilities.	

DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch	\$125,000
<u>Akamai Internship Program</u>	
Hunter, Lisa	Institute for Astronomy
The Akamai Internship Program will train and advance local students for science and technology careers, through a new electro-optics curriculum, internships, and professional development of faculty members and graduate students.	

Gifts, Grants, and Contracts for February 2011

Non-Research

DOD-Department of Defense

Defense, Dept - Office of Naval Research \$7,500
Social Computing, Behavioral-Cultural Modeling, and Prediction 2011 Conference: Travel Funding
Chai, Sunki Department of Sociology
We seek to expand the diversity of participation in the SBP conference through travel subsidies for students, minorities, and members of underrepresented disciplines.

Federal Agencies

Corporation for National and Community Service \$6,000
"HIPICC VISTA Project, Year 3"
Pascua, Atina T Vice President for Student Affairs
This VISTA proposal will meet the needs of low income communities in Hawaii and the Pacific Island Territories of American Samoa, Guam, and the Commonwealth of the Northern Marianas (CNMI). The VISTA positions will help to develop programs that will help with literacy and economic revitalization. (member training & supervision)

Small Business Administration \$325,000
Small Business Jobs Act Program
Furstenwerth, John Chancellor, University of Hawaii at Hilo-UHH
Work with Commercial Lending officers at all of the major Hawaii financial institutions, including banks and credit unions, who participate in loan programs underwritten by the US SBA and business customers of those institutions who are considered 'at risk' for loan default.

Foreign

Commonwealth of Northern Mariana Islands \$18,198
CNMI Health Information Exchange, Health Information Technology and Electronic Health Record Project
Okamura, Norman H Social Science Research Institute
Assist planning Committee on HIT/EHR readiness study, assess the RPMS for local use; Prepare specs for CONNECT systems & interfaces; Recommend & draft governance model for long term operations & sustainability; Develop a network plan for HIE connectivity with local and NHIN to be HIPAA compliant.

Palau Parents Empowered \$39,250
Palau Parents Empowered
Johnson, Jean Lee Center on Disability Studies
Provide tech assist to implement Community Parent Resource Ctr; assist to establish admin & fiscal controls; on-site training for parents; mentor-coach Exec Dir to be parent trainer; tech assist in developing curriculum & training materials; training Board of Dir to understand fiduciary responsibilities; evaluation of CPRC.

Hawaii- Business and Other

Na Kamalei KEEP \$70,000
Lei Aku, Lei Mai Project
Morelli, Paula T School of Social Work
Collect, track & analyze data to evaluation the Lei Aku, Lei Mai Project in Punaluu on the island of Oahu.

Gifts, Grants, and Contracts for February 2011

Non-Research

Hawaii- Government Agencies

Agriculture, Dept - HI		\$74,000
<u>Leaf Spotting and its Affect on Ti Leaf (Cordyline terminalis or fruticosa): for Laulau Operations</u>		
Sugano, Jari S K	Department of Plant and Environmental Protection Sciences	
Our overall program goals are focused on meeting the immediate and emerging needs of Hawaii's ti leaf industry through research, extension and collaboration. We intend to identify and prioritize the major economic pathogens on ti and evaluate appropriate pest management strategies for long term disease management.		
Health, Dept - HI		\$1,950
<u>Department of Health Spring Evaluation Workshops</u>		
Sy, Angela	Office of Public Health Studies	
Develop and teach coursework to Dept. of Health, Public Health Nursing Branch on public health program evaluation.		
Health, Dept - HI		\$25,000
<u>HI DOH MRC Training Project</u>		
Qureshi, Kristine	School of Nursing and Dental Hygiene	
University of Hawaii at Manoa, School of Nursing and Dental Hygiene, shall provide support services to establish and implement a framework for an active Medical Reserve Corps on each of four counties in the State of Hawaii: Oahu, Hawaii, Maui and Kauai.		
Health, Dept - STD/AIDS Prevention Branch-HI		\$24,995
<u>HIV Program Evaluation Services</u>		
Geling, Olga	Public Health Administrative Services	
Provide training and evaluation services telated to HIV programs and CDC's Program Evaluation and Monitoring System (PEMS) data.		
Land & Natural Res, Dept - HI		\$3,000
<u>Designing a Plant Pono Website</u>		
Duffy, David C	Department of Botany	
Design a user-friendly website on invasive plants, including information on non-invasive alternatives, for the public and plant industry.		
Land & Natural Res, Dept - HI		\$3,000
<u>Whale Internship, 2010-2011</u>		
Hunter, Cynthia L.	Biology Program	
Provide intern to assist with whale counts		

Hawaii- Non-Profit Organizations

Learning Disabilities Assn of Hawaii (LDAH)		\$16,490
<u>LDAH Preschool Screening Project</u>		
Johnson, Jean Lee	Center on Disability Studies	
Analyze data provided by the LDAH Project "Ekolu Eha Ike Pono" to assess short-term outcomes and project outcomes, which shall include the following measurement indicators.		

Gifts, Grants, and Contracts for February 2011

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$1,310

Confucius Institute Support

Lau, Frederick C. Center for Chinese Studies

Provides salaries and fringe benefits for Confucius Institute support personnel, and miscellaneous office expenses and express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with Confucius Institute programs and activities.

University of Hawaii Foundation \$36,600

Confucius Institute Support

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Mainland- Non-Profit Organizations

Institute of International Education, Inc. \$13,898

University of Hawaii Korean Language Flagship Center: Assessment Project (Domestic)

Sohn, Ho-Min Department of East Asian Languages and Literatures

Develop paper and online versions of a test for reading, listening, and writing skills in Korean, from novice to superior proficiency levels. Develop a database to track students who take the test.

National Science Foundation

National Science Foundation \$154,807

SHINE Workshop Coordination for the Period during January 1, 2010 to December 31, 2014

Roussev, Ilia I Institute for Astronomy

We propose to coordinate the annual Solar Heliospheric and Interplanetary Environment (SHINE) workshop for the next five years. SHINE is an affiliation of researchers within the solar, interplanetary, and heliospheric communities dedicated to understanding magnetic fields and particles produced by the Sun.

National Science Foundation \$296,430

REVSYS: A Revision of New World Ampullariidae: An Emerging Model System in Evolutionary Biology and Systematics Training

Cowie, Robert H Pacific Biosciences Research Center

This is a supplemental request for training of an undergraduate student to participate in systematics research on apple snails.

National Science Foundation \$15,383

Workshop: Development of an Integrated Understanding of the Sun-Earth System in Borovets, Bulgaria: September 12 - 16, 2011

Roussev, Ilia I Institute for Astronomy

This proposal requests funds to sponsor the International Symposium on Recent Observations and Simulations of the Sun-Earth System II (ISROSESII), a forum for scientists from the heliophysics communities to present and discuss recent advances in modeling and observations of the Sun-Earth Systems (SES).

US Colleges and Universities

Gifts, Grants, and Contracts for February 2011

Non-Research

US Colleges and Universities

California Berkeley, University of \$75,000
California-Pacific Center for Training (CALPACT)
Maddock, Jason E. Office of Public Health Studies
Public Health Training Center for Hawaii and the Pacific Islands.

University of Massachusetts, Amherst \$3,647
Core Health Messages: A Strategy to Improve the Health and Well Being of Rural Low-Income Families
Yancura, Loriena Ann Department of Family and Consumer Sciences
The proposed project will test Core Health Messages with rural low-income families with children. The contractor shall conduct qualitative surveys with 8 rural low-income families with children and conduct 2 focus groups with 8 families each.

Subcount:	23	Subtotal:	\$2,086,458
Count:	<u>82</u>	Total:	<u>\$29,534,845</u>

Funds Received from UH Foundation for 02/01/2011 - 02/28/2011

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$1,310
"Confucius Institute Support"

Lau, Frederick C. Center for Chinese Studies

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express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with

University of Hawaii Foundation \$36,600

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Lau, Frederick C. Center for Chinese Studies

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express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with

Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$4,833
"Fairmont Orchid Reef Monitoring"

Adolf, Jason Natural Sciences-UHH

Monitor nutrient levels in anchialine ponds and adjacent coastal areas in order to better understand the impact of nutrients delivered by groundwater on the coastal ecosystem.

University of Hawaii Foundation \$2,576

"Special Project for Takazawa Collection"

Steinhoff, Patricia G Department of Sociology

graduate student will catalog new materials from the donor, Takazawa Koji, into the collection database and perform

Count: 4

Total: \$45,319

**Extramural Research Awards
for the Month of
February 2011
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	4	\$4,412,660	16.08%
DOC-Dept of Commerce	1	\$308,825	1.13%
DOD-Department of Defense	7	\$17,366,814	63.27%
DOI-Dept of Interior	1	\$4,700	0.02%
ED-Dept of Education	1	\$499,006	1.82%
Foreign	1	\$196,166	0.71%
Hawaii- Business and Other	6	\$560,542	2.04%
Hawaii- Dept of Education	1	\$54,597	0.20%
Hawaii- Government Agencies	7	\$421,338	1.54%
Hawaii- Health Organizations	1	\$18,074	0.07%
Hawaii- Non-Profit Organizations	5	\$188,138	0.69%
Mainland- Business and Other	4	\$214,417	0.78%
Mainland- Health Organizations	2	\$116,048	0.42%
Mainland- Non-Profit Organizations	2	\$44,920	0.16%
National Aeronautics and Space Administration	2	\$421,000	1.53%
National Science Foundation	4	\$1,387,240	5.05%
US Colleges and Universities	10	\$1,233,902	4.50%
Total:	<u>59</u>	<u>\$27,448,387</u>	<u>100%</u>

**Extramural Non-Research Awards
for the Month of
February 2011
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	1	\$750,000	35.95%
DOD-Department of Defense	2	\$132,500	6.35%
Federal Agencies	2	\$331,000	15.86%
Foreign	2	\$57,448	2.75%
Hawaii- Business and Other	1	\$70,000	3.35%
Hawaii- Government Agencies	6	\$131,945	6.32%
Hawaii- Non-Profit Organizations	3	\$54,400	2.61%
Mainland- Non-Profit Organizations	1	\$13,898	0.67%
National Science Foundation	3	\$466,620	22.36%
US Colleges and Universities	2	\$78,647	3.77%
Total:	<u>23</u>	<u>\$2,086,458</u>	<u>100%</u>

**Extramural Research Awards
Year to Date: 07/01/10 - 02/28/11
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	47	\$6,823,438	3.10%
DHHS-Dept of Health and Human Services	68	\$49,217,779	22.33%
DOC-Dept of Commerce	61	\$27,229,938	12.36%
DOD-Department of Defense	43	\$39,527,959	17.94%
DOE-Dept of Energy	21	\$21,799,873	9.89%
DOI-Dept of Interior	53	\$5,400,788	2.45%
ED-Dept of Education	3	\$1,365,407	0.62%
Federal Agencies	9	\$4,191,146	1.90%
Foreign	20	\$5,560,247	2.52%
Hawaii- Business and Other	23	\$1,686,618	0.77%
Hawaii- Dept of Education	1	\$54,597	0.02%
Hawaii- Government Agencies	90	\$10,112,089	4.59%
Hawaii- Health Organizations	6	\$714,454	0.32%
Hawaii- Non-Profit Organizations	44	\$2,146,550	0.97%
Mainland- Business and Other	34	\$3,439,808	1.56%
Mainland- Health Organizations	11	\$1,255,482	0.57%
Mainland- Non-Profit Organizations	20	\$573,565	0.26%
Miscellaneous	1	\$215,987	0.10%
National Aeronautics and Space Administration	39	\$5,925,289	2.69%
National Science Foundation	75	\$23,630,974	10.72%
US Colleges and Universities	76	\$9,496,650	4.31%
Total:	<u>745</u>	<u>\$220,368,638</u>	<u>100%</u>

Note: YTD amounts include adjustments.

Extramural Non-Research Awards
Year to Date: 07/01/10 - 02/28/11
Distribution by Sponsors

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	13	\$2,787,915	1.77%
DHHS-Dept of Health and Human Services	30	\$7,819,100	4.95%
DOC-Dept of Commerce	23	\$38,156,913	24.18%
DOD-Department of Defense	7	\$900,549	0.57%
DOE-Dept of Energy	1	\$750,000	0.48%
DOI-Dept of Interior	14	\$597,887	0.38%
ED-Dept of Education	74	\$36,785,531	23.31%
Federal Agencies	14	\$9,008,584	5.71%
Foreign	25	\$1,486,900	0.94%
Hawaii- Business and Other	34	\$5,338,873	3.38%
Hawaii- Dept of Education	8	\$1,946,508	1.23%
Hawaii- Government Agencies	76	\$17,910,570	11.35%
Hawaii- Health Organizations	9	\$1,299,233	0.82%
Hawaii- Non-Profit Organizations	71	\$4,871,432	3.09%
Mainland- Business and Other	12	\$775,176	0.49%
Mainland- Health Organizations	1	\$160,000	0.10%
Mainland- Non-Profit Organizations	25	\$2,875,792	1.82%
National Aeronautics and Space Administration	5	\$3,692,825	2.34%
National Science Foundation	38	\$18,494,573	11.72%
US Colleges and Universities	29	\$2,164,046	1.37%
Total:	<u>509</u>	<u>\$157,822,407</u>	<u>100%</u>

Note: YTD amounts include adjustments.