

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Research

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Marc Goodman	Cancer Etiology	Collaborative Genetic Study of Ovarian Cancer Risk	The five-year study will examine the association of vitamin D and calcium-related genetic polymorphisms with the risk of epithelial ovarian in Hawaii.	0	-291,191
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Tetine Sentell	Office of Public Health Studies	Health Literacy and Cancer Screening Disparities in Asian American Populations	This project will: (1) Determine if cancer screening rates differ by health literacy (HL) in AA generally and in AA subpopulations; (2) Test if HL explains cancer screening disparities for AA compared to non-Hispanic whites and within AA subpopulations; and (3) Consider the interaction of low HL and English proficiency.	1	30,758

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HEALTH & HUMAN SVC,DEPT-NIH-FED NTL INST CHLD HLTH&HUM DEV	William Steven Ward	Department of Anatomy, Biochemistry, and Physiology	Contribution of Sperm Nucleus to Paternal DNA Replication	<p>The mammalian sperm cell offers a unique opportunity to understand the principles of molecular inheritance beyond the genetic code, and this knowledge has a direct bearing on human assisted reproduction practices. The compact sperm chromatin is devoid of virtually all enzymatic machinery associated with normal cellular processes, and only maintains the epigenetic and genetic components that are necessary to mediate inheritance. The hypothesis which we propose to test in this application is that in addition to the fathers DNA the sperm nucleus provides molecular components that are essential for the proper initiation and regulation of paternal DNA replication. Without these elements, our published data suggest that the paternal DNA would never be replicated, and embryonic development would not be possible. Significance: In this era of increased ART, more and more human embryos that will become children undergo this first, defining round of DNA synthesis in vitro after clinical manipulation of the gametes. We understand how to keep the DNA intact during gamete storage, but we do not know what parameters are necessary to maintain proper origin recognition sites. There are also important biological implications as the mammalian one-cell embryo is a particularly suitable model for understanding how cells demarcate and license DNA replication origins. DNA replication mechanisms are also important targets for many human diseases. The molecular machinery for the initiation, control, and completion of the complicated process by which the 6 billion base pairs of mammalian DNA is replicated is now well understood. Each origin of replication is licensed by the binding of series of proteins, beginning with the origin recognition complex (ORC) made up of six proteins, ORC1L ORC6L. When licensed origins enter S-phase, another host of proteins associate in a specific manner to eventually recruit DNA polymerases.</p>	1	212,596

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				Licensing ensures that each component of the entire		

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE	David Lassner	Office of the VP for Information Tech/Chief Info Officer	Operations and Management of the Maui High Performance Computing Center	Cost reimbursement award term contract for research development, operations and management of the Maui High Performance Computing Center.	1	1,900,000
DEFENSE, DEPT-DEPUTY UNDR SECRETARY OF DEF	James Gaines	Office of the Vice President for Research	Managing Partner of Pacific Disaster Center	To support the evolvement of the Pacific Disaster Center into a public-private partnership benefiting from shared responsibilities and assistance from the Department of Defense and PDC with its internal management, administration, and development of concepts.	1	121,600
DEFENSE, DEPT-NAVY	David Garmire	Electrical Engineering	Graphene RF Sensor	The contractor will design, fabricate, and test graphene-based quantum detectors (GBQD) for broadband electromagnetic fields in close conjunction with SSC Pacific investigators Dr. Marcio de Andrade, Nick Kamin, and an associated team from the Massachusetts Institute of Technology. This effort aims to demonstrate the first graphene-based photon detection device for broadband electromagnetic fields. Specifically, it will fabricate graphene films on appropriate substrates, or use graphene flakes, and determine theoretically and experimentally, the limits of photon intensity detection and its frequency and temperature dependence for a graphene RF detector.	1	40,000
DEFENSE, DEPT-NAVY NAVAL SUPPLY SYSTEMS COMMAND	Paul Nachtigall	Hawaii Institute of Marine Biology (HIMB)	Measuring the Hearing of Stranded Cetaceans using Evoked Auditory Potentials	Determine hearing thresholds for stranded whales and dolphins both before and after Naval Exercises to know basic hearing levels and determine the effects of loud sound on hearing	1	56,266

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DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	David Garmire	Electrical Engineering	Evaluating Low Power Electronics	The contractor shall conduct basic and applied research aimed at the characterization of nonlinear deep submicron devices for low power operation. The contractor will assist and perform the measuring and data collection of the nonlinear deep submicron devices. The type of data collected will be, but not limited to, temperature, humidity, radiation, magnetic and photonic noise. This also includes the development of numerical methods and software simulation models. The verification of said models for accuracy compared to measured data, and a final report on all the work completed during the internship	1	12,500
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Luke Flynn	Hawaii Institute of Geophysics and Planetology (HIGP)	LEONIDAS: Low-Earth Orbit Nanosat-Integrated Defense Autonomous Systems	The LEONIDAS project will design, build, test, launch, and operate small spacecraft in low-Earth orbit	1	1,020,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Tim Li	International Pacific Research Center (IPRC)	Toward Seamless Weather-Climate Prediction with a Global Cloud-Resolving Capable Model	To systematically evaluate the GFDL-HIRAM capability in predicting both short range weather and long-term climate phenomena	1	14,205
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	William Lawrence Ditto	College of Natural Sciences	Development and Applications of Nonlinear Dynamics Based Synthetic Computation	This work involves understanding the underlying mechanisms of how chaotic systems generate computer instruction sets which lead to improved morphable chaotic computer architectures.	1	50,000

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon K. Ziegler	Vice Chancellor for Research	Northwestern Hawaiian Islands Climate Change: PRedicting Risks of Island Extinctions Due to Level Rise, dated 04/21/2010		1	20,000

Federal Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
VETERANS AFFAIRS, DEPT-FED	Jane Onoye	Department of Psychiatry	IPA Agreement for Onoye - VA National Center for PTSD	IPA Agreement with VA National Center for PTSD for Dr. Jane Onoye for position as research staff with cross-cultural mental	1	35,045

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				health expertise.		

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MALAMA KAHALAWAI INC	Clifford W. Morden	Department of Botany	West Maui Mountains Watershed WP 13	Conduct adaptive resource management and forest restoration in West Maui Mountains watershed	1	211,152
OCEANIT LABORATORIES INC	David Garmire	Electrical Engineering	Rapidly Prototyped and Mobile Biomedical Devices using Microfluidics and Stereolithography	This project combines rapid prototyping and microfluidics to create next-generation personalized biomedical devices that can be used on mobile platforms.	1	15,000

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT- AGRIB DEV CORP-HI	Tomoaki Miura	Natural Resources and Environmental Mgt	CTAHR Agricultural Database	This proposal aims at developing a new logic to populate a geospatial database and to classify land for agricultural as well as other current uses as required. We propose to prototype for the Kaiaka Bay Watershed in Oahu	1	150,000

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AGRICULTURE, DEPT-HI	Jon-Paul Bingham	Tropical Plant and Soil Science	From Chemistry to Consumption: Exploiting the unique chemical constituency of Capsicum frutescens to develop a novel Pacific Island crop	A unique combination of pungency, sweetness and other flavor attributes contribute to the sensory qualities of Capsicum frutescens peppers, making them recognizable throughout Hawaii as "Hawaiian chili pepper". Although popular as a backyard plant, this pepper is severely under-utilized as a commercial crop. There is also tremendous opportunity for input replacement of other chilis, including jalapeno, habanero, Thai peppers and others. Capsaicin and related compounds confer pungency, an important attribute influencing end-use and consumer preference of the crop. Virtually nothing has been reported on the pungent principles of Hawaii-grown peppers. The successful application of this approach in chili pepper is expected to improve marketing and value-addition of locally grown peppers. More importantly, this project will serve as a model for similar development of other under-utilized crops including Cucurbita moschata ("Calabasa" or tropical pumpkin), Moringa oleifera (Kalmunggai), Momordica charantia (bitter melon) and others.	1	20,000
HEALTH, DEPT-HI	Angela Sy	Department of Nursing	Hazards Vulnerability Assessment	The project will utilize an all-hazards approach to identify risks and vulnerabilities related to public health, medical and mental/behavioral health in the state.	1	30,000
HUMAN SERVICES, DEPT-HI	Susan Chandler	Social Sciences Public Policy Center	Title IV-E Waiver Application	see project summary	1	10,000
HUMAN SERVICES, DEPT-OYS-HI	Karen Umemoto	Urban and Regional Planning	OYS Online Directory	In consultation with the Office of Youth Services, we will create 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	1	15,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Watershed Protection in East Maui	Conduct adaptive resource management of the East Maui Watershed.	1	126,000

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LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species on the Island of Kauai	Control and eradicate mongoose on Kauai, with an emphasis on early detection and rapid response	1	60,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Development of a Habitat Conservation Plan for Game Mammal Management in North Kona, Hawaii	Conduct research to develop a conservation plan for game mammal management in conservation areas in Hawaii.	1	57,269
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Volcano Rare Plant Facility (11)	Propagation and maintenance of endangered Hawaiian plant species at the volcano Rare Plant Facility.	1	65,425
LAND & NATURAL RES, DPT-FORST (DLNR)	Leyla Valdivia Kaufman	Plant and Environmental Protection Sciences	Monitoring Biocontrol Agent Efficacy and Pest Impacts on Wiliwili, Erythrina Sandwicensis	Post release monitoring of biological control agent released against the Erythrina gall wasp monitoring of other pests associated with the native wiliwili	1	35,000
PUBLIC SAFETY, DEPT-HI	Patrick Uchigakiuchi	Social Science Research Institute	PSD Health Care Quality Improvement & Program Evaluation project	Graduate Assistants will work at the Oahu Community Correctional Center (OCCC) in the secure Health-Care Records-Unit and will be expected to collaborate with interdisciplinary mental-health and health-care staff.	1	25,000

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Angela Sy	Department of Nursing	One Strong Ohana	<p>Purpose of Contract: 1. Conduct process evaluation activities of the Hawaii Children's Trust Fund "One Strong Ohana" (OSO) public awareness campaign in order to:</p> <ul style="list-style-type: none"> * Document promising practices in area of child abuse and neglect (CAN) prevention and awareness building activities * Make recommendations for future programming in the area of CAN prevention and awareness building activities <p>Areas to be evaluated are:</p> <ul style="list-style-type: none"> * The background and process leading to the decision to pursue a CAN prevention public awareness campaign. * The planning process to develop and implement the OSO campaign. * Activities leading up to and throughout the implementation of the OSO campaign. * The extent that both public awareness on CAN and the community collaborations have been sustained from the OSO campaign will be 	1	55,220

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				evaluated and documented. Analysis of existing community wellness data to document and make recommendations for priority areas as related to future CAN campaign activities. 2. Continue outcomes evaluation data gathering and analysis for period 8/16/12 through 12/31/12 (outcomes evaluation design and initial data gathering/analysis begun under contract with the Bennet Group).		
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Harry Ako	Molecular Biosciences and Bioengineering	Aquaculture of Opihi	Aquaculture of Opihi	1	39,250
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford W. Morden	Department of Botany	Leeward Haleakala Watershed Restoration Partnership	Conduct restoration and management-based research in the watershed forests on Southern Haleakala.	1	142,634
UNIVERSITY HAWAII FOUNDATION	Andrea Berez	Department of Linguistics	Pilot project to assess the impact of language documentation technologies in Papua New Guinea	Project assesses the impact of language documentation technologies in Papua New Guinea. By understanding whether access to digital language resources leads to increased participation by locals in language conservation efforts, this project lays the groundwork for funding from the NSF for collaboration between UHM and the University of Goroka.	1	12,700
UNIVERSITY HAWAII FOUNDATION	Dongping Zheng	Department of Second Language Studies	Participatory Co-Design and Research for Engaging Language Learners of Chinese and English Locally and Globally	Hiring an assistant to help with the transcription of student interaction, assistance with data analysis that involves conducting content analysis of various stages. and assistance of statistical analysis	1	2,500

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Fibertek	Shiv K. Sharma	Hawaii Institute of Geophysics and Planetology (HIGP)	Laser-Based Remote Explosive Detection System (LREDS)	Dr. Shiv K. Sharma will lead the University of Hawaii team to carry out the work involved in this subcontract to Fibertek for the proposal titled Laser-Based Remote Explosive Detection System (LREDS). The University of Hawaii agrees to perform the tasks out lined below.	1	195,977

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HDRre2M	Whitlow Au	Hawaii Institute of Marine Biology (HIMB)	Retrieve EARs off Niihau		1	6,850
JET PROPULSION LAB-JPL	Harald Ebeling	Institute for Astronomy	Herschel Lensing Survey II: Completing the Herschel Legacy with the HST/MCT CLASH Sample	Using a combination of Herschel Survey and Hubble Space Telescope data, we propose to obtain deep PACS and SPIRE images for 10 CLASH clusters that still lack data. The PI will focus on x-ray studies of these galaxy clusters.	1	5,000
JET PROPULSION LAB-JPL	Tobias Owen	Institute for Astronomy	Participation in the ROSINA Team on the ESA ROSETTA Mission	To support the participation of Tobias Owen in the ROSINA Mass Spectrometer Experiment of the European Space Agency ROSETTA Mission.	1	1,403
LSI LOGIC CORPORATION	Aleksandar Kavcic	Electrical Engineering	Multilevel flash memory channels: models, detectors and information rates	Development of optimal detectors in 1-dimensional and 2-dimensional flash memory channels	1	67,000
SPACE TELESCOPE SCIENCE INSTITUTE	R Tully	Institute for Astronomy	Origin of UCDs in the Coma Cluster	Revised budget submission 30337	1	55,460

Mainland- Non-Profit Organizations

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CADES FOUNDATION (J RUSSELL/CHARLOTTE MCL)	Daniel Hartline	Pacific Biosciences Research Center	Support of Bioscience Research and Training at the Bekesy Laboratory	Support of training and basic biomedical research in molecular and cellular neurophysiology.	1	20,000
SEATTLE INSTITUTE FOR BIOMEDICAL & CLINICAL RESEARCH	Richard Arakaki	Department of Medicine	Diabetes Prevention Program Outcomes Study in Hawaii	Maintain outcomes measures and retention of the Diabetes Prevention Program cohort in Hawaii. Intervention of lifestyles modification and metformin treatment are continued during the course of the proposal in people at risk/those who develop diabetes. Additional, more extensive outcomes measures will be obtained.	1	178,250
THE V FOUNDATION	Unhee Lim	Cancer Etiology	Investigating Global Leukocyte DNA Methylation and Colorectal Cancer Risk in a Multiethnic Population	This study will investigate whether pre-diagnostic levels of leukocyte DNA global methylation are inversely associated with colorectal cancer risk, and whether the association differs by race/ethnicity, sex, or tumor characteristics.	1	100,000

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UNITED SOYBEAN BOARD	Gertraud Maskarinec	Cancer Etiology	Measuring Novel Biomarkers for Breast Cancer Risk in Nipple Aspirate Fluid, Serum, and Urine During a Crossover Soy Trial Among Premenopausal Women	The United Soybean Board provides incentive awards to selected researchers for the development of complete research proposals on soy and human health to be submitted to NIH.	1	10,000

National Aeronautics and Space Administration

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NATIONAL AERONAUT & SPACE ADM	Alexander Krot	Hawaii Institute of Geophysics and Planetology (HIGP)	Mineralogy and Isotope Chemistry of Fun and F CAIS	Determine content, origin, history, and chemistry origin of the solar system.	1	103,599
NATIONAL AERONAUT & SPACE ADM	Alexander Krot	Hawaii Institute of Geophysics and Planetology (HIGP)	Mineralogy, Petrology, and Isotope Composition of Chondrite Components	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 lms-1280.	1	28,210
NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Elucidating Multi-Scale Midlatitude Ocean Dynamics Using Satellite Altimetry and Numerical Modeling Data	The project goals are to characterize and understand the nature and causes of the large-scale fluctuations in the midlatitude Pacific Oceans on time scales from interannual to decadal.	1	146,258

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NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Exploration of New Upper Ocean Circulation Dynamics through Synergy of the SWOT Satellite Mission and 1/30-deg Ocean General Circulation Model	This proposal seeks participation in the prelaunch Science Definition Team for the Surface Water and Ocean Topography (SWOT) satellite mission. Our specific goal is to characterize and understand the nature and roles of mesoscale and sub-mesoscale eddies in the upper ocean circulation dynamics. In particular, we are interested in utilizing the output from a high-resolution (with a 1/30 deg x 1/30 deg horizontal grid and 100 vertical levels) Ocean General Circulation Model to help evaluate the science requirements for the SWOT mission planning and development. An improved understanding of the ocean surface topography in the mesoscale and sub-mesoscale ranges will lead to increased predictability of the time-varying upper ocean circulation and thermal structures, both of which are important to the climate variability on the longer timescales.	1	74,087
NATIONAL AERONAUT & SPACE ADM	Daniel O'gara	Institute for Astronomy	NNG11383774-3M Satellite Laser Ranging Support Services for the Transportable Laser Ranging System (TLRS-4) Haleakala, Maui	Support services, maintenance and calibration of the TLRS-4 system on Haleakala Summit, Maui.	1	172,000
NATIONAL AERONAUT & SPACE ADM	David Sanders	Institute for Astronomy	A NASA Calibrated, Multi-Wavelength Atlas of Luminous Infrared Galaxies	Produce an atlas of Luminous Infrared Galaxies using NASA multi-mission archives.	1	177,010
NATIONAL AERONAUT & SPACE ADM	Donald Hall	Institute for Astronomy	H4RG near-IR detector array with 10 micron pixels for Space Astrophysics and the Wide Field Infrared Survey Telescope (WFIRST) and Space Astrophysics	This investigation will extend photon counting HgCdTe linear avalanche photo-diode sensor technology, already under NSF funded development at UH for adaptive optics wavefront sensing, to NASA infrared astrophysics observations of sources so faint that information must be wrung from just a few photons.	1	2,406

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NATIONAL AERONAUT & SPACE ADM	Eric Gaidos	Department of Geology and Geophysics	A Doppler and Transit Search for Signpost Planets Around Nearby M Dwarf Stars	Establish a lower limit for M stars w/Neptune-mass planets on short orbits; identify additional planets for the mass radius diagram; provide targets for major telescopes; generate a catalog of candidates for planet searches of M dwarf stars zones.	1	50,000
NATIONAL AERONAUT & SPACE ADM	Harald Ebeling	Institute for Astronomy	Beyond MACS: An All-Sky Search for the Most X-ray Luminous Clusters of Galaxies out to z~1	We propose to use the faintest X-ray sources detected in the ROSAT All-Sky Survey and imaging data from Pan-STARRS (PS1) to identify the most massive, distant galaxy clusters. The properties of these systems will then be used to investigate the nature of dark matter and dark energy.	1	117,471
NATIONAL AERONAUT & SPACE ADM	Istvan Szapudi	Institute for Astronomy	Reconstructing Information in Large-Scale Structure via Logarithmic Mapping	We propose to develop a new method to extract information from large-scale structure data combining two-point statistics and non-linear transformations.	1	50,000
NATIONAL AERONAUT & SPACE ADM	Jeffrey Kuhn	Institute for Astronomy	Using microsecond solar astrometry to reveal the Sun's atmosphere and interior structure	The SDO/HMI instrument opens new opportunities for ultra-precise solar limb astrometry. Using tools developed for MDI and for the HMI data pipeline our team proposes to use HMI data over a three year period to: 1) Measure 5-min p-mode oscillation modal brightness and direct vertical displacement amplitudes to test oscillation excitation models and learn about the solar atmosphere 2) Use sensitive long-duration (12 years MDI + 5 yrs HMI) limb astrometry to measure long-period r- and g-mode oscillation properties at the solar limb 3) To measure the solar shape (including the solar oblateness) from solar minimum to maximum with the largest precision and accuracy achievable to date 4) To directly measure extreme solar limb scattering polarization at better than a 10^{-4} level to test optical scattering models of the solar atmosphere 5) To sensitively look for small variations in the solar radius from 12yr of MDI and 5 years of HMI observations to measure global variations in the interior and atmosphere solar structure during a solar cycle.	1	136,163

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NATIONAL AERONAUT & SPACE ADM	Michael Liu	Institute for Astronomy	Studying Young Gas-Giant Planets Directly	We will conduct photometric, spectroscopic, and astrometric studies of gas-giant planets detected by direct imaging.	1	50,000

National Science Foundation

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NATIONAL SCIENCE FOUNDATION	Clifford W. Morden	Department of Botany	REVSYS: Systematics of Paleotropical Grammitid Ferns (Polypodiaceae): Using Phylogenies to Resolve Generic Circumscriptions and Explore the...	The proposed project is a molecular and morphological phylogenetic study of a group of paleotropical ferns.	1	12,500
NATIONAL SCIENCE FOUNDATION	Robert Dunn	Department of Geology and Geophysics	Collaborative Research: Seismic Investigation of the Rainbow Hydrothermal Field and its Tectono/magmatic Setting, Mid-Atlantic Ridge 36 Degrees 14'N	A combination of 3D active-source seismic tomography, 2D multichannel seismic reflection profiling, and passive microseismicity monitoring, to resolve the physical architecture of the crust and upper mantle at the Rainbow vent site along the Mid-Atlantic Ridge. Investigation of the relationships between magmatic processes, hydrothermal circulation, and the thermal and tectonic structure of the ridge.	1	133,964
NATIONAL SCIENCE FOUNDATION	Yi Zuo	Mechanical Engineering	CAREER: Biophysical Mechanisms of Pulmonary Surfactant and its Interactions with Therapeutic Agents	The objective of this proposal is to study biophysical properties of self-assembled pulmonary surfactant films and to use these films as an in vitro model of studying surfactant-drug interactions.	1	80,000
NATIONAL SCIENCE FOUNDATION	Yi-Leng Chen	Department of Meteorology	Characteristics of Island-Scale Airflow and Climate over the Hawaiian Islands	In this Project, we would like to study the archipelago-scale and island-scale structure and dynamics of climate features over Hawaii and the coastal waters from high-resolution modeling	1	114,992

US Colleges and Universities

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ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Proposal for Post-Certification Activities at IMS Stations I39PW, Palau and I52GB, Diego Garcia (I39PW Palau)	Continued maintenance operation for Palau and Diego Garcia	1	173,640

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ARIZONA STATE UNIVERSITY	Bernard Ray Hawke	Hawaii Institute of Geophysics and Planetology (HIGP)	LROC Targeting and Scientific Analysis	This proposal to conduct scientific studies of images collected by the Lunar Reconnaissance Orbiter Camera.	1	32,000
ARIZONA, UNIVERSITY OF	Tomoaki Miura	Natural Resources and Environmental Mgt	Vegetation Phenology and Vegetation Index Products from Multiple Missions and Satellite Sensors	Characterize the potential impacts of spectral bandpass differences across multi-sensors (AVHRR, MODIS, and VEGETATION) on the derived phenology and EVI/EVI-2 products, and derive spectral transformation equations accompanied with associated uncertainties. Assemble and stage 1 km daily MODIS data and limited sets of daily 1 km AVHRR and SPOT-4 VEGETATION data for regional-scale analyses (the conterminous USA). Assist in deriving a moderate resolution (500 m or 1 km), regional phenology product using daily 1 km MODIS reflectances with limited sets of daily 1 km AVHRR and SPOT-4 VEGETATION reflectances.	1	37,398
CALIFORNIA BERKELEY, UNIVERSITY OF	Gary Varner	Department of Physics and Astronomy	High Performance Cross-Strip Micro-Channel Plate Detector Systems for Spaceflight Experiments	Design, fabrication and integration of cross strip test ASICs	1	236,136
CALIFORNIA LOS ANGELES, UNIV	Paul Grandmont Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Support to UCLA LRO Diviner Investigation	The principal investigator will provide expertise in lunar science to University of California at Los Angeles in support of their infrared spectrometer on NASA's Lunar Reconnaissance Orbiter mission.	1	52,800

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CONNECTICUT, UNIVERSITY OF	Kathryn Braun	Dept of Public Health Sciences and Epidemiology	Evaluation of Graphic Warning Labels on Tobacco Packages and Related Supporting Messages	<p>The University of Hawaii would like to collaborate on a multi-site study, conducted by the University of Connecticut (UConn), Leslie Snyder, PI to field test with pregnant women who smoke or who smoked up until they found out they were pregnant, the cigarette warning graphics and messaging that all cigarette companies are being required to include on cigarette packaging. This project was awarded to Harvard University by the US Food and Drug Administration (FDA), which subcontracted to UConn for qualitative data collection. UConn is searching for a collaborator in Hawaii to test messages here. If awarded, UH would subcontract the bulk of the funds and data collection activities to Papa Ola Lokahi, 894 Queen Street, Honolulu, HI, as they have excellent data collection skills and networks into Native Hawaiian and rural communities in the state.</p> <p>By federal mandate, graphic cigarette warnings will start appearing on cigarette packages September, 2012. The Food and Drug Administration, which now has jurisdiction over tobacco, is interested in testing reactions to the warnings among important subpopulations, including youth, ethnic minorities and pregnant women. They are also interested in guidance on additional messaging that they could use in communication campaigns to enhance the effectiveness of the warning labels. They are currently planning on running a youth and young adult campaign starting October, 2012, and would start campaigns aimed at other groups at a later (unspecified) period. Current messages with graphic warnings are publicly available on the FDA website.</p> <p>The purpose of data collection is Hawaii is to provide information to the FDA so that they could better show anti-smoking messages to pregnant women, potentially tailored to a wide variety of ethnicities. In Hawaii, our goal is to field test these messages with Native Hawaiians and other rural populations.</p>	1	77,535

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				In Phase 1: We propose to conduct 4 focus groups among Native Hawaiians (2 groups) and rural pr		
FLORIDA, UNIVERSITY OF CENTRAL	Charmaine Higa Mcmillan	Psychology (UH Hilo)	When Parents go to War: Psychosocial Adjustment among the Children of Deployed OEF/OIF Service Members		1	190,875
LANGUAGE LEARNING PGM-UNIV MICHIGAN	Graham Victor Crookes	Department of Second Language Studies	The Processing of Referential Expressions in Discourse by L2 Learners of English		1	2,000
MARYLAND, UNIVERSITY OF	Kenneth Chambers	Institute for Astronomy	University of Maryland Support of PS1 Operations and Data Processing	The Pan-STARRS 1 Science Consortium is a four member consortium that will provide support for the daily operations, maintenance, and development of PS1 telescope and data. University of Maryland will be a non-voting member in this collaborative effort	1	200,000
MASSACHUSETTS INSTITUTE OF TECH	Stephen Masutani	Hawaii Natural Energy Institute (HNEI)	Study of Chemical Dispersants Applied to Subsurface Oil Spills - UH Tasks	nduct experimental investigation of the effects of chemical dispersants on oil droplet size.	1	30,177
TEXAS A&M UNIVERSITY	Stephen Masutani	Hawaii Natural Energy Institute (HNEI)	UH Subtasks for TAMU Proposal Submitted to the Gulf of Mexico Research Initiative	Conduct laboratory and field experiments to determine deep ocean oil spill plume behavior and participate in the development of submodels of far-field microbial oxidation of contaminant hydrocarbons.	1	73,883
Research - Total					67	7,488,973

Non-Research

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DIAB DIG KIDN DIS	George Hui	Department of Tropical Medicine, Medical Micro and Pharm	High School Students Step-Up to Biomedical Research	Provide biomedical research training for high school students of ethnic minority and economically disadvantaged background.	1	184,645

DOC-Dept of Commerce

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Darren Okimoto	Sea Grant College Program	Fiscal Year 2013 National Sea Grant College Program Dean John A. Knauss Marine Policy Fellowship - Coleman	Fiscal Year 2013 National Sea Grant College Program Dean John A. Knauss Marine Policy Fellowship.	1	52,500
COMMERCE, DEPT-NATL NOAA-FED	Jason Turner	Marine Science	The Papahānaumokuākea Marine National Monumnet (PMNM)		1	40,000

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	William Ditto	Department of Physics and Astronomy	The Winter q-bio meeting (2013, Honolulu)	<p>By this proposal, we are requesting funding to support the 1st Annual Winter Meeting on Quantitative Biology on Hawaiian Islands scheduled for February 18-21, 2013. The aims of this meeting are two-fold: (1) To foster exchange of the information about the latest developments in various sub-fields of Quantitative Biology, and (2) to accelerate the establishment of the Quantitative Biology as a recognized branch of Biology as a whole.</p> <p>Every year, the conference will focus on a different sub-field within q-bio. The thematic focus for the meeting this year will be Synthetic Biology, with about half of the invited speakers chosen as renowned experts in this area. It will be held on Oahu Island, at the Hilton Hawaiian Village resort in the heart of the famous Waikiki beach. In the future, we pan to rotate the meeting on different Hawaiian Islands.</p> <p>For the inaugural 1st Winter q-bio conference, we have recruited a stellar list of invited speakers from all over the world.</p> <p>We already are witnessing a large interest to this meeting within the q-bio community. More than 200 people submitted abstracts for presenting either as a contributed talk or a poster. Based on the current registration numbers, we anticipate approximately 200 attendees for the meeting, which will make it</p>	1	12,000

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				<p>the largest q-bio event in the country.</p> <p>The funding of the Winter q-bio meeting will primarily come from two sources. One is the registration fees which have been set up at \$450 for early registrants and \$550 for regular attendees. However, the anticipated income of $450 \times 200 = \\$90K$ is not sufficient for running a conference of this caliber. Thus we have to seek additional funds from government agencies and private sponsors to augment the registration fees. ONR funding will be used for covering the costs of renting meeting room. The total cost of renting meeting rooms is \$14,850, and with 25% university overhead, the requested budget is 18,562.50. This budget will not be used for covering the costs of</p>		

ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Donald B Young	College of Education	Pacific Regional Comprehensive Center	UH COE will provide high-quality technical assistance that focuses on key initiatives; aligns with the work of the U.S. Department of Education funded Content Centers; and builds the capacity of Pacific region State Education Agencies (SEAs) to implement, scale up, sustain, and support SEA and school- level initiatives that improve student outcomes, close achievement gaps, and improve the quality of instruction.	1	182,532

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KOREA INSTITUTE OF OCEAN SCIENCE & TECHNOLOGY	Aviam Soifer	William S. Richardson School of Law	2013 Jon Van Dyke Symposium		1	50,000
NORTHEAST ASIAN HISTORY FOUNDATION	Edward J. Shultz	School of Pacific and Asian Studies	Goryeo: The Dynamics of Inner and Outer		1	16,795

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Pakistan, Higher Education Commission	Ali Fares	Natural Resources and Environmental Mgt	Soil Water Dynamics and Water Use Efficiency in Maize Under Different Irrigation Practices	Mr. Abdul Ghaffar Khan, a Soil Physics Doctoral Scholar from the University of Agriculture Faisalabad PAKISTAN, joint the Watershed Hydrology Laboratory to work on part of his dissertation topic dealing with soil water dynamics and water use efficiency in maize under different irrigation practices.	1	3,500
SBI ALA promo Co., Ltd	Rosanne Harrigan	Department of Complementary and Alternative Medicine	The Supplement Sleep Study (SSS) and the Supplement and Mood Study	Double blinded randomized parallel-group comparison study to investigate if a relationship exists between the administration of dietary supplements containing 5-ALA and sleep, mood and coping ability.	1	73,101

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Carlsmith Ball LLP	Aviam Soifer	William S. Richardson School of Law	2013 Jon Van Dyke Symposium		1	5,000
HAWAII COUNCIL FOR THE HUMANITIES	Timothy Slaughter	Community Programs	2013 Asia Pacific Dance Festival: Journeys		1	5,000
KAMEHAMEHA SCHOOLS	Maenette Benham	Hawai'iinuiakea School of Hawaiian Knowledge	Welina Manoa: Intergenerational Family Learning in the Manoa to Waikiki Watershed Community	This request is to fund year two, 2012-2013, of a two year initiative, 2011-2013, to develop, pilot, and assess a learning experience that links the Lyon Arboretum, Manoa Heritage Center, Ka Papa Loi Kanewai & Kawaihuelani Department Hawaiian Language, and Waikiki Aquarium around an out-door, place-based, family centered learning experience unique to the Manoa to Waikiki watershed.	1	44,117
MALAMA KAHALAWAI INC	Clifford W. Morden	Department of Botany	Lihau Natural Area Reserve Protective Fence	The West Maui Mountains Watershed Partnership proposes to build 1,000 meters of 8-foot high fence in 5 strategic segments to reduce the impacts of feral ungulates on Lihau peak.	1	44,520

Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Linda K. Johnsrud	Office of the VP for Academic Planning	Hawaii P-20 Strategic Plan DOE MOA D11-078 Contract CO-10170	Execute the P-20 strategic plan through promoting career & college readiness,	1	3,916,564

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		and Policy		developing longitudinal data system, developing policy, supporting Race to the Top, and advancing the State's educational agenda.		

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ACCOUNTING & GEN SVC, DEPT-HI STATE FDTN CULT & ARTS	Jaimey Hamilton	Art and Art History	UHM Dept. of Art and Art History Outreach Programs: Intersections and Exhibitions	Funding for a lecture/residency series of visiting artists/scholars and exhibitions in the Art Gallery.	1	8,121
ACCOUNTING & GEN SVC, DEPT-HI STATE FDTN CULT & ARTS	Richard Frank Stewart	Department of English	Manoa: A Pacific Journal of International Writing	Publication of two issues of an international literary journal each year.	1	2,002
ACCOUNTING & GEN SVC, DEPT-HI STATE FDTN CULT & ARTS	Susan Horowitz	Outreach College	Pacific New Media	Workshops and public talks on photography, digital media, web design, and film/video production.	1	4,852
AGRICULTURE, DEPT- AGRIB DEV CORP-HI	Barry Brennan	Plant and Environmental Protection Sciences	Promoting Hawaii Agrosecurity Through Research and Education	Faculty involved in this proposal will provide educational, diagnostic and research support for the DOAs Biosecurity Plan	1	100,000
AGRICULTURE, DEPT-HI	James R. Hollyer	Plant and Environmental Protection Sciences	CTAHRs Unified Food Safety Coaching, Research and Education Program	This project establishes for the first time a formal, comprehensive and unified farm-to- fork coaching, research and education program for agriculture and food businesses and consumers in Hawaii	1	250,000

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Maria Stewart	Human Nutrition, Food and Animal Sciences	Revealing the Hidden Health Benefits of Hawaii Grown Avocado through Nutrition Education	Consumers often perceive avocados to be unhealthy due to high fat content. However, the types of fat found in avocados have many beneficial health effects. Nutrient qualities of Hawaii-grown avocados are unique due to variety and growing conditions. Nutrition information for mainland-grown avocados does not accurately represent Hawaii-grown avocados. Currently, consumers do not have resources that communicate the health properties of Hawaii-grown avocados. The aim of this proposal is to improve the consumers nutrition knowledge of Hawaii-grown avocados through development and dissemination of education materials (brochures, website, and demonstrations). Collaborations with the Nutrition Education for Wellness program (NEW) and avocado growers via the Hawaii Tropical Fruit Growers Association and Hawaii Avocado Association will allow us to effectively extend nutrition information to the community. Increasing consumer awareness of Hawaii-grown avocados is aimed to increase market share of Hawaii-grown avocados, providing a financial benefit towards Hawaii avocado farmers.	1	25,000
City & County Honolulu - Oahu Workforce Investment Board	Anthony Kuh	Electrical Engineering	Short Courses in Energy and Sustainability	Funds will be used to support two short outreach classes in energy and sustainability. One class will be in the renewable energy and smart grid area and the second class will be in solar thermal technologies.	1	23,400
COUNTY MAUI OFC OF ECON DEVEL	Jonathon V McKee	Dental Assisting (UH Maui College)	Allied Health County Dental Prog FY13	Support is requested to sustain the University of Hawaii Maui College (UHMC), Maui Oral Health Initiative (MOHI) from October 2012- June 30, 2013. Funding was initially included in the Mayor's FY 2013 budget for to support Dental and Nursing programs. However, due to loss of funding to supp the dental program, the budget is revised to focus entirely on the Dental education programs and oral health care services.	1	126,450

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawai'i State Foundation on Culture and the Arts	Patricia Adams	Theatre and Dance	Taiko and Dance Project	The Taiko and Dance Project is a collaborative effort between University of Hawaii faculty and students and Kenny Endo Taiko Ensemble. Jazz musician Derek Nakamoto, and Bharata Natyam teacher and director Sonja Sironen also join the mix to contribute to this multicultural performance program.	1	7,163
Hawai'i State Foundation on Culture and the Arts	Timothy Slaughter	Community Programs	2012-2013 World Performance Series	One performance as part of the 2012-2013 World Performance Series.	1	5,176
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	DLNR Day Use Mooring Buoy Plan: Part II	This project will draft clear recommendations through a DLNR reviewed process for rule changes to Hawaii Administrative Rules that allow for flexible implementation of the DMB Plan. The goal of the DMB Plan is to manage multiple impacts of recreation activity including anchor damage, dive and snorkel activities on coral reef ecosystems, and social impacts of commercial and private recreation activity.	1	36,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Alala Outreach and Education Program Coordination and Implementation	Conduct outreach and coordinate with stakeholders to gain support for the release of Hawaiian crow into wild habitat.	1	45,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	PCSU Firefighting Support in Conservation Research Areas	PCSU conservation workers will provide firefighting support to the State during wildfires on sites conducting conservation research.	1	2,100
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Support of Invasive Species Public Outreach Efforts in Hawaii	Educate public and private sector about invasive species in conjunction with the Hawaiian Ecosystems at Risk project.	1	15,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Supporting Invasive Species Outreach Efforts: Consolidated Online Public Pest Reporting, Improved Interagency Communication & Enhanced Web Content	Support and enhance invasive species public outreach through web content.	1	40,000
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Statewide Endangered Plant Program, Mid-Elevation Rare Plant Facilities (Olinda)	Provide services for ex situ propagation and maintenance of critically endangered Hawaiian plant species at Olinda Rare Plant Facility	1	72,000

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RESOURCES, DEPT (DLNR) OFC CONS COAST LDS	E. Gordon Grau	Sea Grant College Program	Coastal Lands Coordinator	Coastal Lands Coordinator	1	165,492
LAND & NATURAL RESOURCES, DEPT (DLNR) OFC CONS COAST LDS	E. Gordon Grau	Sea Grant College Program	Shoreline Specialist	Shoreline Specialist	1	131,636

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
QUEEN EMMA CLINICS	Susan Steinemann	Department of Surgery	Reimbursement Agreement Fiscal Year 12 - Agreement No. SF12-QEC Surg Mod#2	Agreement to provide medical education to students and residents in a clinical setting.	1	2,112

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII ASSOCIATION INDEPENDENT SCHOOLS	David Lassner	Office of the VP for Information Tech/Chief Info Officer	Hawaii Educational Networking Consortium (HENC)	H AIS annual funding for HENC administrative services	1	8,000
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford W. Morden	Department of Botany	East Maui Watershed Protection	Conduct applied conservation research and management to protect the native rainforests in East Maui's watershed.	2	336,056
UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanography	Moore Foundation Award: 2008-2012	To support David Karl and his research in marine microbiology.	1	367,401
UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Confucius Institute Support	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.	1	50,000

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Linda K. Johnsrud	Office of the VP for Academic Planning and Policy	P-20 HKL Castle AY '12-'13	To pay for salary and fringe for the P-20 HKL Castle 2012-2013 award (through UH Foundation). Grant purpose: To strengthen the ability of the Hawaii P-20 Partnerships for Education to use longitudinal data, policy research, and communications to significantly increase college enrollment and completion rates.	1	102,289
UNIVERSITY HAWAII FOUNDATION	Marjorie Mau	Department of Native Hawaiian Health	Myron Pinky Thompson Endowed Chair	To develop a research and training program focused on health disparities in native Hawaiian and other underserved populations.	1	240,000
UNIVERSITY HAWAII FOUNDATION	Matthew Schmidt	Department of Educational Technology	Project MODS: Exploring the Learning Potential of Mobile Devices		1	32,800
UNIVERSITY HAWAII FOUNDATION	Nicholas Kaiser	Institute for Astronomy	Pan-STARRS Project		1	2,895,000
UNIVERSITY HAWAII FOUNDATION	Song K Choi	College of Engineering	Robotics Engineering Outreach Initiative		1	37,000
UNIVERSITY HAWAII FOUNDATION	Tung Bui	Shidler College of Business	Matson Navigation Company Chair of Global Business Education	The purpose of the Matson Chair is to help the Shidler College of Business in its development as well as to help forge a meaningful link between the University and the business community. Shidler College of Business, in parallel to the University of Hawaii, has two major strategic thrusts. The first focuses on international business in the Asia-Pacific region and the second focuses on the impact of management or organizations and managers. The project will help sustain these strategies.	1	63,780
UNIVERSITY HAWAII FOUNDATION	Yung-Hee Kim	Center for Korean Studies	Basic Institutional Needs	Pay for student hourly wages.	1	15,000

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Amgen Inc	Michael Carney	Clinical Sciences	A Phase 3 Randomized, Double-blind, Placebo-controlled, Multicenter Study of AMG 386 With Paclitaxel and Carboplatin	Phase 3, randomized, double-blind, global, multi-center study of efficacy of study drug in first-line treatment of ovarian cancer.	1	101,728

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
			as First-line Treatment of Subjec			
FHI 360	Leon Richards	Paul S. Honda international Center	Open World Hosting Program FHI 360 (Open World Program)	Kapiolani CC's Honda International Center will provide customized contract training to 4 Ukrainian visitors and 1 facilitator (total of 6 from Ukraine). The program will include professional meetings, cultural activities, and social events.	1	15,450

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN ASTRONOMICAL SOCIETY	Shadia Habbal	Institute for Astronomy	Scientific Editor for the Astrophysical Journal	As scientific editor for the Astrophysical Journal, I am required to handle manuscripts submitted to the Astrophysical Journal for publication. The tasks of the editor include: identifying a suitable referee, following up independently the correspondence with the referee and with the author(s), until the manuscript is either accepted for publication or rejected.	1	3,000
Association for Asian Studies	Edward J. Shultz	School of Pacific and Asian Studies	Koryo: Inner and Outer		1	5,000

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ARIZONA STATE UNIVERSITY	Luoluo Hong	Vice Chancellor for Student Affairs	Dorrance Summer Bridge Program	The Dorrance Summer Program provides scholarships to entering freshmen to the University of Hawaii at Hilo. These students must have exceptional potential and be the first in their family to attend university.	1	12,905
CALIFORNIA SANTA CRUZ, UNIV	Peter M Onaka	Institute for Astronomy	TMT (Thirty Meter Telescope) MOBIE (Multi-Object Broadband Imaging Echellette) Conceptual Design Phase - Stage 2 Software and Electronics	We are participating in the conceptual design phase for the Multi-Object Broadband Imaging Echellette (MOBIE) spectrograph, a wide field optical spectrograph (WFOS) for the Thirty Meter Telescope (TMT).	1	20,001
KANSAS STATE UNIVERSITY	Claire Nakatsuka	Family and Consumer Sciences	2013 Military 4-H Club Grant	Grant will support Hawaii Extension's efforts in establishing, sustaining and integrating youth from military families into 4-H clubs and 4-H opportunities.	1	52,000

Gift, Grants, and Contracts for Feb 1, 2013 to Feb 28, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KANSAS STATE UNIVERSITY	Claire Nakatsuka	Oahu County	2013 OSD/OMK Camp Grant	OSD/OMK Camp grant provides funding for camps to support military children experiencing the deployment cycle.	1	38,467
LORAIN COUNTY COMMUNITY COLLEGE	Michael C Barros	Chancellor, Honolulu Community College	National Center for Welding Education and Training - NSF ATE Center	The National Center for Welding Education and Training Weld-Ed is a national partnership between the welding and materials joining industry and the nations community and technical colleges and universities that is dedicated to expanding the role and pipeline of welding technicians in the industry.	1	15,153
Non-Research - Total					54	10,102,808
Overall - Total					121	17,591,781

Funds Received from UH Foundation for Feb 1, 2013 to Feb 28, 2013

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Yung-Hee Kim	Center for Korean Studies	Basic Institutional Needs	Pay for student hourly wages.	1	15,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Confucius Institute Support	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.	1	50,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Tung Bui	Shidler College of Business	Matson Navigation Company Chair of Global Business Education	The purpose of the Matson Chair is to help the Shidler College of Business in its development as well as to help forge a meaningful link between the University and the business community. Shidler College of Business, in parallel to the University of Hawaii, has two major strategic thrusts. The first focuses on international business in the Asia-Pacific region and the second focuses on the impact of management or organizations and managers. The project will help sustain these strategies.	1	63,780
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanograph	Moore Foundation Award: 2008-2012	To support David Karl and his research in marine microbiology.	1	367,401
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Marjorie Mau	Department of Native Hawaiian Health	Myron Pinky Thompson Endowed Chair	To develop a research and training program focused on health disparities in native Hawaiian and other underserved populations.	1	240,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Linda K. Johnsrud	Office of the VP for Academic Planning and Policy	P-20 HKL Castle AY '12-'13	To pay for salary and fringe for the P-20 HKL Castle 2012-2013 award (through UH Foundation). Grant purpose: To strengthen the ability of the Hawaii P-20 Partnerships for Education to use longitudinal data, policy research, and communications to significantly increase college enrollment and completion rates.	1	102,289
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Nicholas Kaiser	Institute for Astronomy	Pan-STARRS Project		1	2,895,000

Funds Received from UH Foundation for Feb 1, 2013 to Feb 28, 2013

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Matthew Schmidt	Department of Educational Technology	Project MODS: Exploring the Learning Potential of Mobile Devices		1	32,800
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Song K Choi	College of Engineering	Robotics Engineering Outreach Initiative		1	37,000

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Dongping Zheng	Department of Second Language Studies	Participatory Co-Design and Research for Engaging Language Learners of Chinese and English Locally and Globally	Hiring an assistant to help with the transcription of student interaction, assistance with data analysis that involves conducting content analysis of various stages, and assistance of statistical analysis	1	2,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Andrea Berez	Department of Linguistics	Pilot project to assess the impact of language documentation technologies in Papua New Guinea	Project assesses the impact of language documentation technologies in Papua New Guinea. By understanding whether access to digital language resources leads to increased participation by locals in language conservation efforts, this project lays the groundwork for funding from the NSF for collaboration between UHM and the University of Goroka.	1	12,700
Overall - Total						11	3,818,470

**Extramural Research Awards for the Month
Feb 1, 2013 to Feb 28, 2013
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	2	-47,837	-1%
DOD-Department of Defense	8	3,214,571	43%
DOI-Dept of Interior	1	20,000	0%
Federal Agencies	1	35,045	0%
Hawaii- Business and Other	2	226,152	3%
Hawaii- Government Agencies	11	593,694	8%
Hawaii- Non-Profit Organizations	5	252,304	3%
Mainland- Business and Other	6	331,690	4%
Mainland- Non-Profit Organizations	4	308,250	4%
National Aeronautics and Space Administration	12	1,107,204	15%
National Science Foundation	4	341,456	5%
US Colleges and Universities	11	1,106,444	15%
Overall - Total	67	7,488,973	100%

**Extramural Non-Research Awards for the Month of
Feb 1, 2013 to Feb 28, 2013
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	1	184,645	2%
DOC-Dept of Commerce	2	92,500	1%
DOD-Department of Defense	1	12,000	0%
ED-Dept of Education	1	182,532	2%
Foreign	4	143,396	1%
Hawaii- Business and Other	4	98,637	1%
Hawaii- Dept of Education	1	3,916,564	39%
Hawaii- Government Agencies	18	1,059,392	10%
Hawaii- Health Organizations	1	2,112	0%
Hawaii- Non-Profit Organizations	12	4,147,326	41%
Mainland- Business and Other	2	117,178	1%
Mainland- Non-Profit Organizations	2	8,000	0%
US Colleges and Universities	5	138,526	1%
Overall - Total	54	10,102,808	100%

**Year to Date Extramural Research Awards
Jul 1, 2012 to Feb 28, 2013
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	27	7,554,456	5%
Dept of State	1	1,222,050	1%
DHHS-Dept of Health and Human Services	58	33,537,860	22%
DOC-Dept of Commerce	51	17,216,672	11%
DOD-Department of Defense	55	19,859,341	13%
DOE-Dept of Energy	7	5,261,014	3%
DOI-Dept of Interior	45	4,847,983	3%
ED-Dept of Education	4	1,348,081	1%
Federal Agencies	8	3,133,035	2%
Foreign	21	3,178,551	2%
Hawaii- Business and Other	19	1,332,777	1%
Hawaii- Government Agencies	90	13,545,184	9%
Hawaii- Health Organizations	6	805,960	1%
Hawaii- Non-Profit Organizations	39	3,524,193	2%
Mainland- Business and Other	49	3,219,421	2%
Mainland- Health Organizations	7	414,410	0%
Mainland- Non-Profit Organizations	18	1,273,223	1%
National Aeronautics and Space Administration	49	8,435,237	6%
National Science Foundation	58	14,804,247	10%
US Colleges and Universities	73	8,440,583	6%
Overall - Total	685	152,954,278	100%

Year to Date Extramural Non-Research Awards
Jul 1, 2012 to Feb 28, 2013
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	16	2,732,786	2%
DHHS-Dept of Health and Human Services	24	11,172,119	8%
DOC-Dept of Commerce	12	3,318,862	2%
DOD-Department of Defense	9	2,041,284	1%
DOI-Dept of Interior	10	264,833	0%
DOT-Dept of Transportation	1	124,784	0%
ED-Dept of Education	58	26,444,550	18%
Federal Agencies	14	20,993,743	14%
Foreign	27	5,730,971	4%
Hawaii- Business and Other	20	1,683,893	1%
Hawaii- Dept of Education	5	7,412,176	5%
Hawaii- Government Agencies	118	18,070,842	12%
Hawaii- Health Organizations	35	12,194,714	8%
Hawaii- Non-Profit Organizations	93	10,621,411	7%
Mainland- Business and Other	23	1,024,824	1%
Mainland- Health Organizations	3	141,274	0%
Mainland- Non-Profit Organizations	18	4,015,239	3%
National Aeronautics and Space Administration	6	1,476,628	1%
National Science Foundation	24	12,144,717	8%
US Colleges and Universities	30	3,231,699	2%
Overall - Total	546	144,841,349	100%