

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 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-FED	Marla Berry	Department of Cell and Molecular Biology	Mechanism of Selenoprotein Synthesis	Selenium is present in crucial antioxidant and redox enzymes that function in all aspects of life, from early development through diseases associated with aging, and most biological processes in between. We are investigating how cells incorporate selenium into proteins for the optimum health of the organism.	1	293,625
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Carol Boushey	Cancer Etiology	Dietary Patterns Methods Project: A Systematic Comparison of Key Index-Based Diet Quality Indices	Systematically compare several key diet quality indices using standardized methods within the context of existing cohorts and using cancer-specific and cardiovascular disease-specific mortality as test examples, specific to the relevant work for the Multi-Ethnic Cohort only.	1	14,990

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Laurence Kolonel	Cancer Etiology	NCI Male Breast Cancer Consortium	NCI will use a nested case-control study design to analyze the hormonal profiles and gene polymorphisms of the biological samples from contributing studies. NCI will assess the biologic samples regarding their collection, processing, shipment and storage to determine the appropriateness of pooling samples and results. In total, NCI is planning to analyze approximately 75-100 male breast cancer cases and approximately 150-200 matched controls. Each case will be matched within the study cohort to an age and race matched control that was alive and cancer-free when the case is diagnosed. Any cases that developed male breast cancer within a year of sample collection will be considered ineligible for study inclusion. Logistic regression will be used to estimate odds ratios and 95% confidence intervals. The matching factors will be incorporated as well as potential confounders. Confounders will be determined using a backwards elimination approach. Covariates that change the effect estimates by more than 10% will remain in the final model. NCI will also perform sensitivity analysis excluding subjects whose samples have been stored for a very long time as well as subjects whose samples were obtained within a short period of diagnosis of breast cancers (e.g., within 2 years). NCI will also analyze time intervals between sample collection and diagnosis of breast cancer.	1	6,682
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ALLERGY/INF DIS	Wen-ming Chu	Natural Products	Mechanism of activation of innate immunity by ISS-DNA	Understand how innate immunity is activated by immunostimulatory DNA sequences (ISS-DNSs).	1	297,707

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	NOAA Tropical Atmosphere / Ocean (TAO) Array Service Cruise	This cruise supports the operation and maintenance of the National Oceanic and Atmospheric Administrations Tropical Atmosphere/Ocean (TAO) array in the Tropical Pacific Ocean. The array is a major component of the El Niño/Southern Oscillation (ENSO) Observing System, the Global Climate Observing System (GCOS) and the Global Ocean Observing System (GOOS).	1	2,062,500

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	30,000
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	Post-award change in scope to Task Order 42	1	45,000
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	223,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Eugene Pawlak	Department of Ocean and Resources Engineering	Hydrodynamic Controls on Acoustical and Optical Water Properties in Tropical Reefs	The proposed work aims to resolve variability in optical and acoustical water properties and of their response to hydrodynamic forcing for tropical reef environments.	1	47,077
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	1,352,168

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY SPACE & NAVAL WARFARE SYS CTR PACIFIC	Kimberly Binsted	Information and Computer Sciences	A smartphone sensor network for reporting radiological data	The objective of this project is to create a sensor network using smartphones and other commercial-off-the-shelf (COTS) equipment to enable automatic or simplified measuring and reporting of radiological data to a central database. This system will enable disaster relief and consequence management personnel to quickly report sensor measurement to an operational command without requiring wired network equipment or multiple steps to transfer the information between devices. The database portion of the project addresses the need for real time data collection and storage of emergency data, such as radiation exposure, to provide an up-to-date picture of affected environments. This monitoring system is designed to utilize existing cellular network infrastructure to provide radiation dosimetry along with a GPS reading to a geographical information system (GIS) to provide dynamic modeling of the spread of radiation.	1	15,000

DOE-Dept of Energy

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Richard E Rocheleau	Hawaii Natural Energy Institute (HNEI)	National Marine Renewable Energy Center in Hawaii	Conduct RD&D to promote the demonstration and commercialization of wave and other ocean power systems in Hawaii.	1	500,000

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Chittaranjan Ray	Water Resources Research Center	FY 2012 Annual Application Under Section 104 of the Water Resources Research Act of 1984, as Amended, Dated 01/13/2012	This is the annual allocation of funds under 104B from the USGS' National Institute of Water Resources (NIWR) program. Each institute receives \$92,335.	1	111,050

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UK Seabed Resources Ltd	Craig Smith	Department of	Craig Smith Participation in Workshop		1	4,795

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		Oceanography	on Polymetallic Nodule Benthic Biological Baseline Studies, London 13-15 March, 2013			

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Chittaranjan Ray	Water Resources Research Center	Review of Registration Documents for Selected Pesticides for use in Hawaii	A review of selected pesticides with respect to their physical and chemical properties, and the potential to move in runoff waters will be carried out to assist Hawaii Department of Agriculture in registration of pesticides.	1	17,963
HEALTH, DEPT-ADULT MENTAL HTH DV-HI	Richard Pratt	Public Administration	Department of Health, Adult Mental Health Division, State of Hawaii and the University of Hawaii		1	49,010
HEALTH, DEPT-HI	Craig Glenn	Department of Geology and Geophysics	Lahaina Groundwater Tracer Study, Lahaina, Maui, Hawaii: Phase II	The University shall provide expertise and guidance in the monthly seep sampling and quarterly toxics sampling; shall conduct coastal seep sampling in accordance with the EPA approved Sampling and Analysis Plan; shall collect the specified type and number of water samples at the specified sampling locations and frequency, utilizing approved/appropriate sample collection procedures, sampling containers/equipment, and sample preservatives provided by HDOH; shall be responsible for the proper shipping/transporting of the samples to the appropriate laboratories for analysis.	1	15,563
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Threatened and Endangered Species Recovery: Kauai	Conduct applied field research to promote recovery of Kauai's threatened and endangered plants.	1	65,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Baseline Surveys for Hawaiian Petrel	Survey and map Hawaiian petrel nesting sites and draft a conservation strategy to mitigate against take related to wind farms.	1	230,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species in Maui County	Implement a county-wide strategy for early detection and control of invasive species in Maui County.	1	129,999

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species on the Island of Hawaii	Detect new potentially invasive species, continue on-going efforts to contain known invasive species, and expand early detection surveys on the Big Island.	1	195,000
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	130,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Development of New Treatment Methods for Little Fire Ants	Investigate effective ant baits and ant bait alternatives to control the Little Fire Ant and other invasive ant species within high-value conservation areas.	1	45,922
LAND & NATURAL RES, DPT-INVASIVE SPEC (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species on Oahu	Develop and implement a strategy to control and prevent invasive species on Oahu.	1	130,000

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ANGUS FOUNDATION, MYRA & JEAN KENT	Cedomir Todorovic	Department of Cell and Molecular Biology	A Novel Model for Erasure of Traumatic Memories: Implications for Prevention of Post-Traumatic Stress Disorder (PTSD)	Investigate the role of the cJun-terminal kinase in retrieval of contextual fear. The project will provide evidence that, not extinction of the fear response, but erasure of original traumatic memories provides the most promising mechanism for pharmacological and genetic interventions to counter PTSD.	1	49,000
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford Morden	Department of Botany	West Maui Mountains Watershed Protection	Conduct adaptive resource management and forest restoration in West Maui Mountains watershed	1	42,692
UNIVERSITY HAWAII FOUNDATION	Allen Hixon	Department of Family Medicine and Community Health	Funding support for Department of Family Medicine and Community Health faculty & staff	Funding support for Department of Family Medicine & Community Health faculty & staff	1	114,597
UNIVERSITY HAWAII FOUNDATION	Brian Bowen	Hawaii Institute of Marine Biology (HIMB)	Foundation Reefs: A Proposal to the Seaver Institute	Three year study using advanced rebreather technology to discover, document, and characterize foundations reefs at three locations across the Pacific Ocean.	1	78,500

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Jingjing Li	Mechanical Engineering	Develop a constitutive material model for pre-form annealing	The objective of this project is to understand the effects that prestrain path, level and annealing conditions have on the plastic material behavior, and in particular the flow behavior and anisotropy. The proposed tasks include: 1) recording tensile behavior for large strains through high-speed digital image correlation techniques for specimens with various histories of prestrain and annealing conditions, 2) assessing flow behavior by combining experimental and inverse engineering methods to create accurate stress hardening models for aluminum alloys, and 3) analyzing anisotropic behavior of aluminum and its dependence on prestrain and annealing history.	1	30,000
UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research		1	22,500
UNIVERSITY HAWAII FOUNDATION	Miriam T. Stark	Department of Anthropology	Luce Foundation East Asian Archeology and Early History Initiative	Agreement modification between UHF [via Luce Foundation] and UH [RCUH] to utilize remaining funds of \$15,319.01 to accommodate salary and fringe benefits for UH employee, Rachel Hoerman (Junior Specialist, Pos. Number 88416). To be paid from UH account #438755.	1	8,200
UNIVERSITY HAWAII FOUNDATION	William Ward	Institute for Biogenesis Research	Japan Prize	Provides travel and supplies to support Dr. Ryuzo Yanagimachi's continued research.	1	35,000

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Evigia Systems, Inc.	Lloyd Hihara	Mechanical Engineering	Corrosivity Sensor Research Project	The Hawaii Corrosion Laboratory will provide corrosivity sensors to Evigia. Evigia will interface RFID logging systems to the sensors and return them to the Hawaii Corrosion Laboratory. The sensors will then be exposed under controlled laboratory environments and at outdoor test sites and the data collected will be compared to data collected by the Hawaii Corrosion Laboratory's own corrosivity sensor logging systems.	1	24,990

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
JET PROPULSION LAB-JPL	Peter Gorham	Department of Physics and Astronomy	Research on Astrometric Microlensing on VLBI Reference Frame Measurements	Development of data and research products investigating the nature and impact of astrometric microlensing effects in the maintenance and improvement of the Very Long Baseline Interferometric (VLBI) reference frame task.	1	56,086
JET PROPULSION LAB-JPL	Tangdong Qu	Department of Oceanography	Assessing the Quality of Aquarius Sea Surface Salinity Measurements Using an Ocean State Estimation System	Analyze Aquarius satellite sea surface salinity measurements using an ocean state estimation system to assess the quality of data and to prepare for the observations' scientific exploitation.	1	34,598

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Kaiser Foundation Research Institute	Cheryl Lynn Albright	Department of Nursing	Comparative Effectiveness of Diabetes Prevention Strategies in Women with GDM	The main goal of this study is to test the effectiveness of diabetes prevention for women with gestational diabetes (GDM) to control obesity, hyperglycemia, hypertension, and depression. Dr. Albright will participate in the development, implementation, and ongoing management of diet/exercise intervention.	1	33,547

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL FISH & WILDLIFE FOUNDATION	Robert H. Richmond	Pacific Biosciences Research Center	Measuring the Effectiveness of Watershed Mitigation Activities on Hawaiian Coral Reefs	Coral reefs throughout the world are in decline from a variety of both human and natural sources of disturbance. Land-based sources of pollution has been identified by the U.S. Coral Reef Task Force and the NOAA Coral Reef Conservation Program as one of the top three priority areas for management-directed actions. There are several watershed mitigation projects underway in the U.S. and affiliated jurisdictions focused on reducing impacts of discharges on coastal reefs, but there has been a notable absence of quantitative performance measures to determine the effectiveness of associated management-directed activities. Recent	1	60,000

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				research, some of which has been supported by funds from the National Fish and Wildlife Foundation, has demonstrated molecular biomarkers of exposure in corals can address the key management needs for assessing watershed discharge impacts on coastal coral reef ecosystems and can also be used for the development of performance measures on the effectiveness of management activities. Molecular biomarkers of exposure, proteins produced by exposed corals to particular classes of stressors, will be used qualitatively and quantitatively to measure the effectiveness of watershed-based mitigation activities on coral health and resilience. The four categories of biomarkers will include those that are indicative of metabolic condition, DNA damage and repair, oxidative stress (associated with sedimentation) and toxicant exposure.		
Simons Foundation	Pavel Guerzhoy	Department of Mathematics	Congruences Related to Modular and Mock Modular Forms	Scientific travel by the grantee and scientific visits to the grantee's institutions.	1	7,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Donald Hall	Institute for Astronomy	Extending the astronomical application of photon counting HgCdTe linear avalanche photo-diode arrays to low background space observations.	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	136,102
NATIONAL AERONAUT & SPACE ADM	G Jeffrey Taylor	Hawaii Institute of Geophysics and Planetology (HIGP)	Sharing Discoveries in Cosmochemistry on the Internet	We will write articles for our online magazine, Planetary Science Research Discoveries www.psr.d.hawaii.edu .	1	50,000

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Gary R. Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Investigating the Raw Materials, Processes, and Chronology of the Early Solar System Using Microbeam Techniques	I will use the UH Cameca ims 1280 ion microprobe to study the timing of early solar system events using short-lived radionuclide, the isotopic compositions of the materials that formed the solar system, and the processes that formed metal cores in asteroids and planets.	1	130,000
NATIONAL AERONAUT & SPACE ADM	Gary R. Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Isotopic Analysis of Stardust Samples by Ion Microprobe	We will use the UH Cameca ims 1280 ion microprobe to make isotopic measurements of comet samples that were returned by NASA's Stardust Mission to comet Wild 2.	1	75,000
NATIONAL AERONAUT & SPACE ADM	Nader Haghighipour	Institute for Astronomy	Searching for Circumprimary and Circumbinary Planets in the Kepler Data	We propose to look for planets in and around binary stars in Kepler data.	1	119,862
NATIONAL AERONAUT & SPACE ADM	R Tully	Institute for Astronomy	Cosmic Flows with WISE	The program will map the peculiar motions and large scale flows of galaxies out to 200 Mpc (megaparsec) in order to constrain the distribution of mass in this large, representative volume of the Universe.	1	188,136
NATIONAL AERONAUT & SPACE ADM	Shadia Habbal	Institute for Astronomy	Studying the structure and evolution of coronal mass ejections using advanced image processing and stereoscopic techniques	Coronal mass ejections (CMEs) represent the largest, most dynamic phenomena that originate from the Sun. They erupt with energies of $\sim 10^{32}$ ergs, and speeds that can exceed ~ 2000 km/s, as they propagate and evolve through our solar system. Given their potentially hazardous impact on Earth's geomagnetic environment, the physics governing their eruption and propagation needs to be understood. This proposal seeks to obtain new insight into the detailed structure and evolution of CMEs, using a newly developed data analysis tool: Coronal Image Processing (CORIMP).	1	65,000
NATIONAL AERONAUT & SPACE ADM	Shadia Habbal	Institute for Astronomy	Studying the Structure and Evolution of Coronal Mass Ejections using Advanced Image Processing and Stereoscopic Techniques		1	65,000

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Tangdong Qu	Department of Oceanography	Investigating the Formation and Variability of Sea Surface Salinity Maxima in Subtropical Oceans Using Aquarius Measurements Combined with In-Situ Dat	We propose to study Investigating the formation and variability of sea surface salinity maxima in subtropical oceans using Aquarius measurements combined with in-site data and results from numerical models	1	136,218

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Alison Sherwood	Department of Botany	Collaborative Research: Biodiversity Survey of Freshwater Algae of the Hawaiian Islands	We propose to document the biodiversity of freshwater and subaerial algae in the main Hawaiian Islands through a combination of collecting expeditions, morphological and molecular characterization of samples. We will organize and disseminate our data through a specially designed internet-accessible database	1	7,200
NATIONAL SCIENCE FOUNDATION	Axel Timmermann	Department of Oceanography	Type 2-L02170124 Collaborative Research: Investigating Decadal Climate Predictability and Climate Impacts (IDCPI) on the Western US	The proposed research will help to predict regional climate of the Western US (incl. Hawaii) several decades ahead.	1	153,224
NATIONAL SCIENCE FOUNDATION	Bonnie Schwartz	Department of Second Language Studies	Doctoral Dissertation Research: The Processing of Referential Expressions in Discourse in L2 English	This project investigates whether Chinese and Japanese learners of English comprehend and produce referential expressions in the same way as English native speakers.	1	16,404
NATIONAL SCIENCE FOUNDATION	Kenneth A Hayes	Pacific Biosciences Research Center	Hawaiian Land Snail Biodiversity: Systematics, Phylogenetics and Conservation Status of a Vanishing Fauna	The work is aimed at surveying for all the native non-marine snails in the Hawaiian Islands and determining their identities and relationships to other snails.	1	25,000

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Nicole Lautze	Hawaii Institute of Geophysics and Planetology (HIGP)	RAPID: Archiving of Drill Core from the Humuula Saddle Region, Hawaii Island	This NSF RAPID proposal seeks funding to ensure that rock core to be extracted during a U.S. Army-funded drilling project on the Hawaii Island is archived properly so that future scientific research on the core is possible. The core itself promises to hold important insight into outstanding scientific problems related to mantle melting, and the internal structure and the evolution of Hawaiian volcanoes. The U.S. Army's interest is in finding a potable water source; they have provided inadequate funding for the personnel needed to properly clean, label, and archive the rock core.	1	88,705
NATIONAL SCIENCE FOUNDATION	Thomas Shea	Department of Geology and Geophysics	Analyses of Volatiles in Volcanic Glasses: Bridging the Gap between the Macroscopic and the Micron Scale		1	191,591

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CALIFORNIA INST OF TECHNOLOGY	Kelvin Richards	Department of Oceanography	The Antarctic Circumpolar Current: A Fractured Transport Barrier	Investigation of controls on eddying motions in the Southern Ocean through analysis of numerical models.	1	18,643
COLUMBIA UNIVERSITY	David Ho	Department of Oceanography	Collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, 2009-2014	PI will provide measurements of CFCs and SF6 as well as data reduction and quality check during the CLIVAR/CO2 Repeat Hydrography Program.	1	106,759
DARTMOUTH COLLEGE	Loic Le Marchand	Cancer Etiology	Transdisciplinary Research in Cancer of the Lung (TRICL)	This project will study in several population-based cohort studies the epidemiologic characteristics of genetic variants found to be associated with lung cancer in a pooled analysis of genome-wide association studies.	1	182,084

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DREW, CHARLES R, UNIVERSITY	Robert Nichols	Department of Cell and Molecular Biology	Impact of Alpha-Secretase-Generated N- terminal Beta Amyloid Fragment	Alzheimers disease is a relentless neurodegenerative disorder for which there is currently only limited treatment. A key early event is the disruption of synapses in the brain, as triggered by beta amyloid, one of the major pathological entities in the disease. The proposed research is aimed at uncovering how a fragment of beta amyloid may function as a positive neuromodulator, raising the prospect that enhanced production of the beta amyloid fragment might provide a novel therapeutic intervention.	1	2,500
PITTSBURGH, UNIVERSITY OF	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Volcanic Forcing Effects on Climate and Solid Earth Systems: Integration of Terra and Aqua Datasets into the ASTER Urgent Request Protocol (URP)	Providing MODIS hot-spots support for tasking ASTER during volcanic eruptions.	1	17,466
RUTGERS, STATE UNIVERSITY OF NEW JERSEY	Kenneth Morris	Pharmaceutical Sciences	Modeling and Validation of Material Properties of Crystalline Particles:formation and stability under stress	Develop semi-empirical model (linking to experimental results from NJIT, Rutgers) for estimating post-micronized particle morphology and size limits Estimate the potential for APIs with known/suspected chemical labile moieties in crystalline particles to degrade more rapidly upon exposure to mechanical or other processing stress. Develop and/or refine simulations of pre- nucleation kinetics and aggregation behavior to explain and control the size and morphology of nano-particles produced from anti-solvent precipitation. Providing the results from above to other projects and test-beds as input to design/predict/control downstream processes, as needed.	1	51,975
VANDERBILT UNIVERSITY	Adrian Franke	University of Hawaii Cancer Center	Phytoestrogen and Endogenous Estrogen Exposure and Risk of Stroke	To measure urinary isoflavonoids and creatinine in human urine.	1	190,985
Research - Total					60	8,626,615

Non-Research

DOC-Dept of Commerce

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 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 - Fujitani	Fiscal Year 2013 National Sea Grant College Program Dean John A. Knauss Marine Policy Fellowship.	1	52,500

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
American Samoa, Government- Department of Education	Deborah K Zuercher	Institute for Teacher Education	American Samoa Special Education Project 2013	To provide courses which lead toward Special Education endorsement through the bachelor of education degree via the Territorial Teacher Training Assistance project in American Samoa.	1	120,997
GUAM, GOVERNMENT - Public Health and Social Services	Norman Okamura	Social Science Research Institute	Consultation Agreement Between the Department of Public Health and Social Services, Guam Community Health Centers and UH Telecommunications And Social	UH TASI will provide Health Information Technology (HIT)/ Electronic Health Record (EHR) system planning and analysis services for the Guam Department of Public health and Social Services. US TASI will also assist the Guam DPHSS Project Planning Committee with the coordination of the HIT/EHR readiness study and assessment of the technical viability of the Resource and Patient Management System (RPMS) to support a hospital, multiple clinics, and independent providers in Guam.	1	52,932
Osterlens Folkhogskola	Ibrahim Aoude	Ethnic Studies	Osterlens Folkhogskola Indigenous Studies Program	The Osterlens folkhogskola (OF) Indigenous Studies-Hawaii is a special short-term fieldwork research program for the OF to take place in Hawaii during Spring 2013. The 13-week program will provide Osterlens folkhogskola participants with an introduction to and participation in short-term fieldwork research programs.	1	2,500

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALU LIKE INC	Cynthia Hunter	Department of Biology (Biology Program)	Fisheries Observer Preparatory Training-- Marine Option Program	The purpose of the Fishery Observer Preparatory Training (FOPT) program is to prepare selected students from the Western Pacific region to enter and complete the Hawaii Long-line Observer Training Program offered by National Marine Fisheries Service	1	40,000

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				(NMFS) Honolulu Laboratory.		
KAMEHAMEHA SCHOOLS	Hunter McEwan	Department of Educational Foundations	Kamehameha Schools EdD Tuition Support Award	To work as a diverse and democratic community through teaching to prepare new educators and provide on-going professional development in education	1	30,000
KAMEHAMEHA SCHOOLS	Kristine Ann Qureshi	School of Nursing and Dental Hygiene	Kamehameha Advanced Public Health Nursing Program	The Kamehameha Advanced Public Health Nursing Program will educate nurses of Native Hawaiian (NH) ancestry to attain a masters degree, and will serve to increase representation of NH nurses with specialty education in advanced public health nursing, and improve health outcomes for the NH population in Hawaii.	1	29,033
KAMEHAMEHA SCHOOLS	Lisa Hunter	Institute for Astronomy	Akamai/KS Collaboration for STEM Workforce Development	Kamehameha Schools/Akamai collaboration to integrate cohorts into the Akamai Internship Program. To advance students of Native Hawaiian ancestry into STEM careers.	1	11,500

Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Terry Ann F Higa Tabije	Curriculum Research and Development Group	The Provision of Evaluation Services for the Central Kauai 21st Century Community Learning Centers for March 2012-March 2013	The evaluators will provide copies of data-collection instruments and a timeline for feedback from the project staff. The evaluators will collect and analyze evaluation data for the on-line PPICS reporting system and the evaluation report to be delivered to the HDOE.	1	30,000

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COUNTY KAUAI	Darren Okimoto	Sea Grant College Program	County of Kauai Coastal Processes Extension Project	The goal of this project is to contribute to improved protection of coastal natural resources and minimization of risks to human lives and safety by providing a UH Sea Grant liaison between scientists, managers, policy makers and the public to ensure the application of the best available coastal management practices.	1	99,318

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COUNTY MAUI OFC OF ECON DEVEL	Alvin Tagomori	Chancellor, UH Maui College	PY2012 Year Round Youth Services Under the Workforce Investment Act	The overriding mission of the Kuina Program is to encourage and facilitate the youths successful transition to independence and self-sufficiency.	1	279,921
HAWAIIAN AFFAIRS, OFFICE OF	Gene I. Awakuni	Chancellor, UH West Oahu	MOU with Office of Hawaiian Affairs	To support the hiring of a NHEOC Coordinator. Funds shall be used to pay for salaries, benefits, supplies, equipment and any other operational expenses required by the Coordinator to carry out his/her duties and responsibilities.	1	25,000
HEALTH, DEPT-HI	May Okihiro	Department of Pediatrics	HICORE/Hawaii 5210 Let's Go! and Early Childhood	The Hawaii Initiative for Childhood Obesity Research and Education (HICORE) provides collaborative and multi-disciplinary leadership in research and education on childhood obesity, physical activity and nutrition in Hawaii. The Initiative is based at the University of Hawaii John A. Burns School of Medicine, Department of Pediatrics and is the collaborative effort of academic and community partners in Hawaii. Hawaii 5210 "Let's Go!" is an initiative to promote healthy eating and active living and prevent childhood obesity in Hawaii through a coordinated, collaborative, locally relevant health education campaign. The Hawaii 5210 Initiative promotes a consistent message of healthy lifestyles through unique community partnerships in order to optimize awareness and action among Hawaii's keiki and their families. The objective of this project is to develop educational materials on healthy lifestyles for parents of children attending early childcare programs in Hawaii.	1	49,999
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Control of Little Fire and Emerging Pest Ant Species in Hawaii	Eradicate Little Fire Ants from Kailua-Kona, Maui, and Kauai, and provide training and education to businesses, homeowners and invasive species groups.	1	30,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Native Ecosystem Protection and Management Section Liaison	Increase interaction and dialogue between various conservation programs, including watershed partnerships, Natural Area Reserves system and the Rare Plant Program.	1	52,561

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Kure Atoll (Moku Papapa) Ecological Research Field Station Project	The objective of the Kure Atoll Ecological Research Field Station Project is to design and implement a comprehensive wildlife habitat restoration and natural resources education program that supports management actions needed to protect and maintain native wildlife resources and ecosystem function at Kure Atoll State Seabird Sanctuary.	2	248,000
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Oahu Wetland Restoration and Management Program	The objective for the Oahu Wetland Restoration and Management Program is to provide assistance in the management of wetlands State Wildlife Sanctuaries. Project operations will also provide assistance to volunteers who assist DOFAW with various maintenance projects.	1	150,000

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Elizabeth Tam	Department of Medicine	UCERA and John A. Burns Foundation SUBCONTRACT	This agreement is to provide technical and support staff supervised directly by the Departments of the John A. Burns School of Medicine for which the UCERA contractual funding is helping to build and sustain these departments.	1	26,197

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Synergistic Hawaii Agriculture Council	David Duffy	Department of Botany	Clearing of Coffee Trees on Abandoned Farms	Removal of feral coffee trees from abandoned farms to prevent the spread of the Coffee Berry Borer infestation plaguing the coffee industry in the Kona and Ka'u region of Hawai'i Island.	1	12,500
The Learning Coalition	Gene Awakuni	Chancellor, UH West Oahu	MOU with Learning Coalition	To fund the Native Hawaiian Educational Outcomes Council Coordinator and related expenses	1	25,000

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Adam Pack	Psychology (UH Hilo)	Community Co-Management with the department of Land & Natural Resources: A Project to Build Long-term Capacity & to Develop a Process for CBFA		1	149,913
UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Hau'oli Mau Loa CGAPS Legal Fellowship		1	115,000
UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Hau'oli Mau Loa Legal Fellowship		1	40,000
UNIVERSITY HAWAII FOUNDATION	Denise Konan	College of Social Sciences	Osher Lifelong Learning Institute	To provide partial funding for the Director of the Osher Lifelong Learning Institute for the period 04/01/2012 to 03/31/2013.	1	53,180
UNIVERSITY HAWAII FOUNDATION	John Morton	Office of the Vice President for Community Colleges	Culinary Institute of the Pacific	To provide capital improvements for the Culinary Institute of the Pacific. Includes acquiring building permits and necessary drawing changes to reflect building code changes and conditions from the the Diamond Head Scenic District permit.	1	619,604
UNIVERSITY HAWAII FOUNDATION	Mary Boland	School of Nursing and Dental Hygiene	The Matsuda Sano Chair	Contract agreement for the transfer of funds from The Matsuda Sano Chair account to provide salary support for Dr. Maureen Shannon who was appointed Matsuda Sano Chair.	1	20,792
UNIVERSITY HAWAII FOUNDATION	Michael Antal	Hawaii Natural Energy Institute (HNEI)	Coral Industries Distinguished Professor of Renewable Energy Chairholder	To provide for salary, fringe benefit costs, and other program expenses.	1	75,000
UNIVERSITY HAWAII FOUNDATION	Paula Toki Morelli	School of Social Work	Le'a Publication Series	To hire editors for the Le'a Publication Series to oversee the publication of a book and journal series.	1	10,030
UNIVERSITY HAWAII FOUNDATION	Richard Frank Stewart	Department of English	Manoa Journal	Funds for staff salary and fringe benefits.	1	4,000

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Association of American Colleges and Universities	Charles Sasaki	Arts and Humanities (KCC)	NEH Bridging Cultures at Community Colleges	Three-year faculty and curriculum development project.	1	7,500

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Parexel International	Richard Arakaki	Department of Medicine	A Randomized, DB, Placebo-Controlled, Multicener Study to Assess Cardiovascular Outcomes Following Treatment with MK-3102 in Subjects with Type 2 DM	A phase III multicenter, double-blind, randomized, placebo-controlled, parallel group study assessing cardiovascular outcomes following treatment with MK-3102 in patients with Type 2 DM. MK-3102 is a DPP-IV Inhibitor that has a half-life that supports once-weekly dosing. Primary objective of this study is to assess the impact of MK-3102 25 mg q.wk. on time to confirmed CV outcomes as measured by the time to first event in the primary CV composite endpoint of CV-related death, nonfatal MI, nonfatal stroke, or unstable angina requiring hospitalization.	1	474,200

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CHILDREN'S HOSPITAL BOSTON	Mariana Gerschenson	Department of Cell and Molecular Biology	The Role of Mitochondrial Toxicity in Metabolic Complications of Pediatric HIV		1	18,750

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Arizona Community Foundation	Luoluo Hong	Vice Chancellor for Student Affairs	Dorrance Summer Bridge Program - Scholarships	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.	2	41,815
Children's Tumor Foundation	Michelle Seidel	Department of Medicine	Characterization of Novel Cardiovascular Abnormalities with Loss of Nf1	To present data on the role that neurofibromatosis 1 plays in heart development	1	1,000
IREX	Leon Richards	Office of International Affairs	2013 Global Undergraduate Exchange Program	This award provides participant support for one fellow selected by the U.S. Department of State Educational and Cultural Affairs, in collaboration with IREX, for the Global UGRAD-Pakistan Cultural Ambassadors Passport to America program.	1	450

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ORTHOPAEDIC RESEARCH & EDUC FOUNDATION	Robert Atkinson	Department of Surgery	2013-2014 Residency Enhancement Grants - Guest Speaker Grant	The proposal is to support a three-day clinical science and resident workshop (October 28-30, 2013) with a visiting professor. Funds will be used to pay for the visiting professor's travel expenses.	1	3,015

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Joseph Ciotti	Chancellor, Windward Community College	USLI 2012: Design, Development and Launch of a Reusable Rocket and Science Payload Statement of Work	NASA Shared Services Center (NSSC) is awarding \$3,000 to Windward Community College (WCC) for its participation in the 2012 University Student Launch Initiative (USLI) held at NASA Marshall Space Flight Center (MSFC) in Huntsville, Alabama in April 2012.	1	3,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Daniel Brown	Vice Chancellor for Research	Graduate Research Fellowship Program	Support for a graduate student at UH Hilo in their research endeavors	1	47,800

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	James Foster	Hawaii Institute of Geophysics and Planetology (HIGP)	Supporting Big Island's Key Geodetic Infrastructure	<p>We propose to replace 6 key, 16-year old, GPS sites on Kilauea before the current sites fail, in order to maintain the continuity of their time-series, and upgrade 5 temporary sites on the west coast to make them part of the continuously operating, telemetered network.</p> <p>Home to two of the most active and intensely studied volcanoes on Earth, the Big Island of Hawaii continues to offer myriad scientific opportunities to the Earth Science community. In particular, the long, uninterrupted timespan of Big Island geodetic measurements has permitted recent insights into the fundamental nature of volcano/seismo-tectonic processes such as slow-slip events. Our proposed work will maintain the continuity of these important time-series and dramatically improve the local reference frame. With this updated infrastructure the Big Island geodetic network will provide data needed to support a broad range of geodetic as well as meteorological investigations. We identify the following specific outstanding science questions, but recognize that the community will undoubtedly find many other creative ways to exploit the data: a) What is the nature of the slow slip events on Kilauea and what is their role in stress transfer? b) How does the stress-strain field of the mobile flank of Kilauea evolve over time? c) What are the interactions between tectonic and magmatic processes on the Big Island? d) What is the vertical velocity of the island, and is it constant in space and time? e) How can the impact of atmospheric refractive heterogeneities on geodetic observations best be mitigated? f) What is the spatio-temporal distribution of water vapor, and does it respond to climatological changes?</p>	1	74,964
NATIONAL SCIENCE FOUNDATION	Patricia A. Cooper	Graduate Education	Graduate Research Fellowship Program	To provide graduate students the opportunity to further their education by funding their research projects.	1	205,000

Gift, Grants, and Contracts for Mar 1, 2013 to Mar 31, 2013

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Robert Cowie	Pacific Biosciences Research Center	REVSYS: A Revision of New World Ampullariidae: An Emerging Model System in Evolutionary Biology and Systematics Training	This is a supplemental request for training of an undergraduate student to participate in systematics research on apple snails.	1	6,250

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
BAYLOR COLLEGE OF MEDICINE	Lee Buenconsejo-Lum	Department of Family Medicine and Community Health	Intercultural Cancer Council Hawaii-Pacific Islands Regional Meeting - Sustainable Partnerships to Reduce Cancer and Non-Communicable Disease (NCD)	The overall Symposium agenda includes plenary sessions, rapid-fire Town Hall discussions and breakout sessions featuring community-based success stories. Participants will include the USAPI comprehensive cancer control (CCC) program coordinators and Cancer Council of the Pacific Islands, members and partners of the Hawaii CCC and NCD programs, policy makers, researchers and public health experts.	1	27,500
JOHNS HOPKINS UNIVERSITY	Alexander N Shor	School of Ocean and Earth Science and Technology	Proposal to provide RV KOK for a Johns Hopkins University project with DARPA support	University of Hawaii proposes to provide its vessel RV Ka'Imikai O Kanaloa (henceforth RV KOK), a U.S. Flag vessel, for a period of at-sea research during November-December of 2012. Planned vessel use is funded to The Johns Hopkins University Advanced Physics Laboratory (JHUAPL) by the Defense Advanced Research Program Activity (DARPA), and is in support of federally sponsored research objectives.	1	30,000
Non-Research - Total					45	3,396,721
Overall - Total					105	12,023,336

Funds Received from UH Foundation for Mar 1, 2013 to Mar 31, 2013

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Adam Pack	Psychology (UH Hilo)	Community Co-Management with the department of Land & Natural Resources: A Project to Build Long-term Capacity & to Develop a Process for CBFA		1	149,913
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Michael Antal	Hawaii Natural Energy Institute (HNEI)	Coral Industries Distinguished Professor of Renewable Energy Chairholder	To provide for salary, fringe benefit costs, and other program expenses.	1	75,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	John Morton	Office of the Vice President for Community Colleges	Culinary Institute of the Pacific	To provide capital improvements for the Culinary Institute of the Pacific. Includes acquiring building permits and necessary drawing changes to reflect building code changes and conditions from the the Diamond Head Scenic District permit.	1	619,604
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Hau'oli Mau Loa CGAPS Legal Fellowship		1	115,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Hau'oli Mau Loa Legal Fellowship		1	40,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Paula Toki Morelli	School of Social Work	Le'a Publication Series	To hire editors for the Le'a Publication Series to oversee the publication of a book and journal series.	1	10,030
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Richard Frank Stewart	Department of English	Manoa Journal	Funds for staff salary and fringe benefits.	1	4,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Denise Konan	College of Social Sciences	Osher Lifelong Learning Institute	To provide partial funding for the Director of the Osher Lifelong Learning Institute for the period 04/01/2012 to 03/31/2013.	1	53,180
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Mary Boland	School of Nursing and Dental Hygiene	The Matsuda Sano Chair	Contract agreement for the transfer of funds from The Matsuda Sano Chair account to provide salary support for Dr. Maureen Shannon who was appointed Matsuda Sano Chair.	1	20,792

Research

Funds Received from UH Foundation for Mar 1, 2013 to Mar 31, 2013

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Jingjing Li	Mechanical Engineering	Develop a constitutive material model for pre-form annealing	The objective of this project is to understand the effects that prestrain path, level and annealing conditions have on the plastic material behavior, and in particular the flow behavior and anisotropy. The proposed tasks include: 1) recording tensile behavior for large strains through high-speed digital image correlation techniques for specimens with various histories of prestrain and annealing conditions, 2) assessing flow behavior by combining experimental and inverse engineering methods to create accurate stress hardening models for aluminum alloys, and 3) analyzing anisotropic behavior of aluminum and its dependence on prestrain and annealing history.	1	30,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Brian Bowen	Hawaii Institute of Marine Biology (HIMB)	Foundation Reefs: A Proposal to the Seaver Institute	Three year study using advanced rebreather technology to discover, document, and characterize foundations reefs at three locations across the Pacific Ocean.	1	78,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Allen Hixon	Department of Family Medicine and Community Health	Funding support for Department of Family Medicine and Community Health faculty & staff	Funding support for Department of Family Medicine & Community Health faculty & staff	1	114,597
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	William Ward	Institute for Biogenesis Research	Japan Prize	Provides travel and supplies to support Dr. Ryuzo Yanagimachi's continued research.	1	35,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Miriam T. Stark	Department of Anthropology	Luce Foundation East Asian Archeology and Early History Initiative	Agreement modification between UHF [via Luce Foundation] and UH [RCUH] to utilize remaining funds of \$15,319.01 to accommodate salary and fringe benefits for UH employee, Rachel Hoerman (Junior Specialist, Pos. Number 88416). To be paid from UH account #438755.	1	8,200
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research		1	22,500
Overall - Total						15	1,376,316

**Extramural Research Awards for the Month
Mar 1, 2013 to Mar 31, 2013
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	4	613,004	7%
DOC-Dept of Commerce	1	2,062,500	24%
DOD-Department of Defense	6	1,712,245	20%
DOE-Dept of Energy	1	500,000	6%
DOI-Dept of Interior	1	111,050	1%
Foreign	1	4,795	0%
Hawaii- Government Agencies	10	1,008,457	12%
Hawaii- Non-Profit Organizations	8	380,489	4%
Mainland- Business and Other	3	115,674	1%
Mainland- Health Organizations	1	33,547	0%
Mainland- Non-Profit Organizations	2	67,000	1%
National Aeronautics and Space Administration	9	965,318	11%
National Science Foundation	6	482,124	6%
US Colleges and Universities	7	570,412	7%
Overall - Total	60	8,626,615	100%

**Extramural Non-Research Awards for the Month of
Mar 1, 2013 to Mar 31, 2013
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DOC-Dept of Commerce	1	52,500	2%
ED-Dept of Education	0	0	0%
Foreign	3	176,429	5%
Hawaii- Business and Other	4	110,533	3%
Hawaii- Dept of Education	1	30,000	1%
Hawaii- Government Agencies	9	934,799	28%
Hawaii- Health Organizations	1	26,197	1%
Hawaii- Non-Profit Organizations	11	1,125,019	33%
Mainland- Business and Other	2	481,700	14%
Mainland- Health Organizations	1	18,750	1%
Mainland- Non-Profit Organizations	5	46,280	1%
National Aeronautics and Space Administration	1	3,000	0%
National Science Foundation	4	334,014	10%
US Colleges and Universities	2	57,500	2%
Overall - Total	45	3,396,721	100%

**Year to Date Extramural Research Awards
Jul 1, 2012 to Mar 31, 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	62	34,150,864	21%
DOC-Dept of Commerce	52	19,279,172	12%
DOD-Department of Defense	61	21,571,586	13%
DOE-Dept of Energy	8	5,761,014	4%
DOI-Dept of Interior	46	4,959,033	3%
ED-Dept of Education	4	1,348,081	1%
Federal Agencies	8	3,133,035	2%
Foreign	22	3,183,346	2%
Hawaii- Business and Other	19	1,332,777	1%
Hawaii- Government Agencies	100	14,553,641	9%
Hawaii- Health Organizations	6	805,960	0%
Hawaii- Non-Profit Organizations	47	3,904,682	2%
Mainland- Business and Other	52	3,256,065	2%
Mainland- Health Organizations	8	447,957	0%
Mainland- Non-Profit Organizations	20	1,340,223	1%
National Aeronautics and Space Administration	58	9,335,555	6%
National Science Foundation	64	15,286,371	9%
US Colleges and Universities	80	8,993,696	6%
Overall - Total	745	161,419,564	100%

**Year to Date Extramural Non-Research Awards
Jul 1, 2012 to Mar 31, 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	13	3,371,362	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	30	5,907,400	4%
Hawaii- Business and Other	24	1,794,426	1%
Hawaii- Dept of Education	6	7,442,176	5%
Hawaii- Government Agencies	127	19,005,641	13%
Hawaii- Health Organizations	36	12,220,911	8%
Hawaii- Non-Profit Organizations	104	11,746,430	8%
Mainland- Business and Other	25	1,506,524	1%
Mainland- Health Organizations	4	160,024	0%
Mainland- Non-Profit Organizations	23	4,061,519	3%
National Aeronautics and Space Administration	7	1,479,628	1%
National Science Foundation	28	12,478,731	8%
US Colleges and Universities	32	3,289,199	2%
Overall - Total	591	148,238,070	100%