

## Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

### Research

#### DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-FED	Andrew Ginji Hashimoto	Molecular Biosciences and Bioengineering	Conversion of High-yield Tropical Biomass into Sustainable Biofuels	Project will examine the technical and economic viability of advanced biofuel production in the tropics. It will evaluate the feedstock logistics, preprocessing of freshly harvested feedstock, conversion on the feedstock to biofuel, and techno-economic and life cycle analysis.	1	6,000,000
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt	Assessing the capacity of a new remote sensing tool to monitor fire risk on Hawai'i island	The goal of the research is to refine the ability to predict fire danger in ecosystems where invasions by non-indigenous species have introduced an unnatural fire regime into endangered dry forest ecosystems.	1	45,000

#### 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	Mark Martindale	Pacific Biosciences Research Center	A Forward Genetics Approach to Identify Novel Core Regulators of Epithelial Patterning and Morphogenesis	This grant describes experiments utilizing a forward genetic screen to identify cell and molecular targets involved in epithelial tissue morphogenesis and remodeling in the model cnidarian species, <i>Nematostella vectensis</i>	1	170,875
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Jeffrey Berenberg	Clinical Sciences	Hawaii Minority-Based Community Clinical Oncology Program	This award will provide funding to allow minority and underserved populations in Hawaii receive state-of-the-art cancer treatment and to participate in cancer prevention and control studies	1	543,533
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.	1	471,383
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ALLERGY/INF DIS	Peter Hoffmann	Department of Cell and Molecular Biology	Selenoprotein K Modulates Calcium-Dependent Signaling in Immune Cells		1	371,250
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DRUG ABUSE	Linda Chang	Department of Medicine	Neuroimaging and Mentoring in Drug Abuse Research		1	202,033

Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Alison Sherwood	Department of Botany	Identification of mesophotic macroalgae in the Papahanaumokuakea Marine National Monument	Large macroalgal beds of the green alga Microdictyon and other macroalgal species were observed at mesophotic depths in the Papahanaumokuakea Marine National Monument (PMNM). Preliminary observations by divers suggest that coral reef fish may be using these mesophotic macroalgal meadows as a significant habitat. To test this hypothesis, surveys of fish and the benthos will be conducted in Summer 2012 in areas with and without Microdictyon. Benthic surveys will include photoquadrats and limited collections of macroalgae. Our primary objective will be to aid in the habitat analysis by differentiating between macroalgae (primarily Microdictyon), and the limestone benthos encrusted by sponge, Dendophyllia, and crustose coralline algae. Secondly, we will provide a basic quantitative description of the mesophotic macroalgal community based on collections from the 2010 and 2012 cruises. New macroalgal species will be studied using morphological and modern molecular analyses, and described as needed. A key component of this proposal is training of a postdoctoral fellow, who will be involved in all scientific aspects of the project and will be mentored in accordance with the Postdoctoral Fellow Mentoring Plan uploaded as Supplementary Documentation to this proposal.	1	39,956
COMMERCE, DEPT-NATL NOAA-FED	Feifei Jin	Joint Institute for Marine and Atmospheric Research (JIMAR)	A Study on the Predictability of Pacific Decadal Variability	To investigate the predictability of the Pacific decadal sea surface temperature SST variability that is a major source for decadal climate anomalies over North America.	1	95,859

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COMMERCE, DEPT-NATL NOAA-FED	Michael Hamnett	Social Science Research Institute	CRI FY2012 Joint Proposal	This proposal will address NOAAs Next Generation Strategic Plan NOAA, 2010 - Healthy Oceans goal, Marine fisheries, habitats, and biodiversity sustained within healthy and productive ecosystems, through continuation of the four Coral Reef Institutes: HCRI University of Hawaii at Manoa, NCRI Nova Southeastern University in Ft. Lauderdale, Florida, CCRI University of Puerto Rico at Mayaguez, and WPCRI University of Guam.	1	100,000
COMMERCE, DEPT-NATL NOAA-FED	Robert John Toonen	Hawaii Institute of Marine Biology (HIMB)	Facilitation of Collaborative Monitoring, Research, and Data Management Between US DOC/NOAA/NOS/ONMS	Facilitation of collaborative monitoring, research, and data management between US DOC/NOAA/NOS/ONMS and the University of Hawaii.	1	277,000

#### **DOD-Department of Defense**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	James Gaines	Pacific Disaster Center	Nepal GIS Integration Project	The objective of the Nepal GIS Integration project is to improve disaster planning, preparedness, mitigation, response and recovery in Nepal.	1	201,150
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	1,262,030
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.	2	1,569,035
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Kwok Fai Cheung	Department of Ocean and Resources Engineering	Coupling of Coastal Wave Transformation and Computational Fluid Dynamics Models for Seakeeping Analysis		1	10,000

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DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Richard E Rocheleau	Hawaii Natural Energy Institute (HNEI)	Asia Pacific Research Initiative on Sustainable Energy Systems	Under this initiative, the core research and development activities as well as the testing and evaluation of emerging technologies for the Pacific region, initiated under HEET will be continued but with greater emphasis and new tasks focused on systems integration and grid technology.	1	17,520,929

**DOE-Dept of Energy**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Niklas Schneider	Department of Oceanography	Collaborative Project: Ocean-Atmosphere Interaction From Meso- to Planetary-Scale: Mechanisms, Parameterization, and Variability	Investigate the dynamics of mid-latitude frontal scale air-sea interaction and the impact on climate.	1	84,698

**DOI-Dept of Interior**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Bruce Frank Houghton	Department of Geology and Geophysics	Cooperative research between University of Hawaii at Manoa and Hawaiian Volcano Observatory: Understanding of eruption dynamics and mechanisms	Project Summary This cooperative agreement pertains to cooperative research at the University of Hawaii at Manoa UHM on Hawaii's volcanoes. This work is in cooperation with the U. S. Geological Survey Hawaiian Volcano Observatory HVO under the Memorandum of Understanding MOU signed in 2009 for monitoring, hazards assessments and other research in an area of highly volcanoes. This cooperative agreement defines collaborative research to be undertaken during the project period. The principal objectives to be undertaken will be research focused on geological, geophysical, and geochemical analysis and interpretation of data on Kilauea, Mauna Loa, and other Hawaiian volcanoes as well as studies in the field of volcano hazards, monitoring, and eruption impacts in Hawaii.	1	50,188

**Federal Agencies**

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENVIRONMENTAL PROTECTION AGENCY	Krisnawati Suryanata	Geography	EPA STAR Graduate Fellowship: Wendy Miles	The project examines the potential socio-economic impacts to local people of the CO2 commoditization in climate change negotiations. It is a multi-level (Local to international) case study of a REDD (Reduced Emissions from Deforestation and Forest Degradation) project in Indonesia.	1	6,636

### Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
BIO-ON SRL	Jian Yu	Hawaii Natural Energy Institute (HNEI)	Biorefining of sugar beet byproduct	The research will investigate new technologies to produce bioplastics from a type of sugar beet byproduct. The tasks include pretreatment conditions, microbial strain improvement, nitrate removal via cell respiration, sugar transportation system, and fermentation strategy.	1	397,277
International Agency for Research on Cancer/World Health Organization	Loic Le Marchand	Cancer Etiology	The Role of One-Carbon Metabolism Biomarkers and Lung Cancer within the Cohort Consortium	This study conducted in collaboration with 22 other large cohorts of the NCI Cohort Consortium will test whether plasma levels of vitamin B6 and other B vitamins are inversely associated with lung cancer risk.	1	52,438
JAPAN AGENCY MARINE-EARTH SCIENCE AND TECHNOLOGY	Kevin Hamilton	International Pacific Research Center (IPRC)	JAMSTEC Year 16	Provide an international research environment dedicated to improving understanding of the nature and predictability of climate variability in the Asia-Pacific sector, including influences of global environmental change within the region.	1	2,024,000

### Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COUNCIL FOR THE HUMANITIES	William O'grady	Department of Linguistics	History and Documentation of Native Hawaiian Sign Language and Deaf Lives in the Past	We will be conducting interviews with users of Hawaiian Sign Language in order to find out more about the characteristics of this language and the lives of its users.	1	5,000
MAKAI OCEAN ENGINEERING INC	Brian Bingham	Mechanical Engineering	Array Burial Vehicle	This proposal is a Phase II STTR effort with Makai Ocean Engineering to develop an underwater array burial vehicle	1	20,591

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**Hawaii- Government Agencies**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Arnold H. Hara	Plant and Environmental Protection Sciences	Systems Approach to Pest Management Practices - Potted Foilage Plant Production - Phase I	This project will provide pest-free Hawaii nursery products for export, thus implementing a proactive approach of limiting the spread of pests of significance to California and the other states which import Hawaii potted foliage plants.	1	200,000
BUSINESS, ECON DEV & TOUR, DPT - NAT ENERGY LAB (NELH)	John C Wiltshire	Hawaii Undersea Research Laboratory (HURL)	Deep Seawater Pipeline Inspection and Survey 2012	Provide NELHA pipeline inspections.	1	152,795
DEFENSE, DEPT-HI CIVIL DEFENSE	Kwok Fai Cheung	Department of Ocean and Resources Engineering	Tsunami Inundation Maps for Hawaii	Develop tsunami inundation maps for Hawaii.	1	187,000
HEALTH, DEPT-EXEC OFF AGING-HI	David Nixon	Public Administration	ADRC Integration and Implementation	A contract with State of Hawaii Executive Office on Aging, Department of Health, to develop and implement aging policies, programs, and services, as they relate to the mandated statewide rollout of the Aging and Disability Resource Centers. Over three years, PUBA will provide policy and organizational consultation regarding programs and policies on family caregiving, falls prevention, senior living options, elder justice and healthy aging.	1	274,230
HEALTH, DEPT-HI	Angela Sy	Dept of Public Health Sciences and Epidemiology	Heart Disease and Stroke Prevention Program		1	6,000
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	30,556

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-HI	Kathryn L Braun	Office of Public Health Studies	Diabetes Self Management Program Evaluation at Kokua Kalihi Valley	To evaluate the Diabetes Self Management Program at Kokua Kalihi Valley.	1	30,000
HEALTH, DEPT-TOBACCO SETTLEMENT-HI	David Nixon	Public Administration	Tobacco Settlement Project and Healthy Hawaii Initiative Reorganization	A contract with State of Hawaii Tobacco Settlement Project and Healthy Hawaii Initiative, Department of Health, to provide consultation on reorganization of these divisions. Over the next 12 months, PUBA will facilitate staff and leadership meetings, and provide consultation briefings A contract with State of Hawaii Tobacco Settlement Project and Healthy Hawaii Initiative, Department of Health, to provide consultation on reorganization of these divisions. Over the next 12 months, PUBA will facilitate staff and leadership meetings, and provide consultation briefings	1	55,359
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	50,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Cooperative Administration of FADs	Maintain the State's fish aggregating device (FAD) system and conduct FAD-related research.	1	330,000

**Hawaii- Health Organizations**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KUAKINI MEDICAL CENTER	Jane Uyehara-lock	Department of Pathology	Epidemiology of Aging and Dementia Autopsy Research	To provide pathology services and analysis of autopsy results as part of the ongoing Honolulu Asia Aging Study. This award is a subcontract from Kuakini Medical Center to the University of Hawaii.	1	20,168

**Hawaii- Non-Profit Organizations**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY	Christine C	Department of	Determining the Impact of Drug Use on		1	50,000

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
FOUNDATION (HCF)	Cloak	Medicine	Immune Markers in Adolescents			
HAWAII COMMUNITY FOUNDATION (HCF)	Johann Urschitz	Department of Anatomy, Biochemistry, and Physiology	Targeted Transgene Delivery for Ex-Vivo Gene Therapy		1	50,000
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Benjamin Fogelgren	Department of Anatomy, Biochemistry, and Physiology	The exocyst complex in primary cilia signaling and renal health		1	50,000
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Elaine Seaver	Pacific Biosciences Research Center	An emerging model for regeneration studies		1	50,000
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Peter Hoffmann	Department of Cell and Molecular Biology	Chemoimmunotherapy for Malignant Mesothelioma		1	50,000
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Tijana Talisman	Department of Chemistry	Nano-scale investigation of the tumor marker Nup88		1	49,969
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Yi Zuo	Mechanical Engineering	Biomedical study of interactions between carbon-based nanomaterials and clinical pulmonary surfactants		1	50,000
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

#### **Mainland- Business and Other**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Faraday Technology, Inc.	Scott Q Turn	Hawaii Natural Energy Institute (HNEI)	Faraday Membership to NSF I/UCRC CBERD		1	50,000
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	26,025



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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAWRENCE LIVERMORE NATL LAB	John Gregory Learned	Department of Physics and Astronomy	Remote Discovery and Monitoring of Small Reactors	Study the viability of reactor monitoring with a kiloton scale electron anti-neutrino detector, with the intent of demonstrating modest range detection employing a water medium	1	50,000
MALIN SPACE SCIENCE SYSTEMS	Scott Rowland	Department of Geology and Geophysics	University of Hawaii Participation in Mars Science Laboratory (MSL)	University of Hawaii Participation in Mars Science Laboratory.	1	146,380
NATIONAL RENEWABLE ENERGY LAB	Jean St-Pierre	Hawaii Natural Energy Institute (HNEI)	System Contaminant Testing and Analysis for Proton Exchange Membrane Fuel Cells	Testing and analysis to examine system contaminants affecting catalyst kinetics and membrane/ionomer conductivity.	1	40,000
SPACE TELESCOPE SCIENCE INSTITUTE	Nader Haghighipour	Institute for Astronomy	Constraining Planet Formation in the Unique Evolved Binary HR 637 {GJ 86}	General Observing of Planet Formation in the Unique Evolved Binary HR 637 {GJ 86}.	1	43,402
UT-Battelle, LLC	Lloyd Hihara	Mechanical Engineering	Pacific Rim Corrosion Assessment and Mitigation Program (PacRimCAMP)	Conduct research in correlation studies for atmospheric exposure (effect of specimens sheltering and solar radiation), advanced materials, corrosion sensors and corrosion protection strategies (ceramer coatings and corrosion preventative compounds).	1	200,000

#### Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Monterey Bay Aquarium	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Movement patterns, environmental preferences and husbandry of sharks and rays of Hawaii	This is an ongoing, multi-faceted project that includes several inter-related aspects of the biology of sharks and rays found in and around Kaneohe Bay, Oahu. In addition to the intrinsic value of understanding the biology of these fishes (and their husbandry requirements), this project will also help elucidate the role that these species play in the ecology of Kaneohe Bay. Insights into their sensory biology may assist in conservation of these species.	1	105,650

#### National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Alexander Krot	Hawaii Institute of Geophysics and Planetology (HIGP)	Alteration of Ordinary Chondrites and the Origin of Ferroan Olivine in their Matrices and Fine-Grained Chondrule	We will perform thermodynamic analysis of these assemblages attempting to discover the potential for life elsewhere.	1	107,000

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			Rims			
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	94,219
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	121,784
NATIONAL AERONAUT & SPACE ADM	G Jeffrey Taylor	Hawaii Institute of Geophysics and Planetology (HIGP)	Petrologic Evolution of the Moon	This research is to enhance our understanding of the formation of the lunar crust through analysis of lunar samples.	1	90,000
NATIONAL AERONAUT & SPACE ADM	Karen Meech	Institute for Astronomy	Water and Habitable Worlds	Training the next generation of astrobiologists is one of the major tasks of our scientific community. Furthermore, it is necessary for the future of astrobiology to attract the best early career researchers. This is made difficult in an environment where astrobiology courses are offered by only few universities where often individual institutions lack the capacity to offer comprehensive courses in such a diverse subject area. The summer and winter schools organized jointly by the NASA Astrobiology Institute and the Nordic Astrobiology Network since 2005 have tried to remedy this. Both the Nordic NASA Summer School in Iceland 2009 as well as the NASA Nordic Winter School in Hawaii 2011 has been highly successful. Furthermore, the strong applicant pool showed that there is a strong demand for such courses which cannot only be explained by the high quality of the lecturers, but by a true interest of very promising students in astrobiology.	2	210,595
NATIONAL AERONAUT & SPACE ADM	Nader Haghighipour	Institute for Astronomy	From Planetesimals to Terrestrial Planets: Habitable Planet Formation in Binary Star Systems	To study the formation of habitable planets in binary and multiple star systems, and the mechanism of the delivery of water to such planets.	1	60,848

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NATIONAL AERONAUT & SPACE ADM	Tomoaki Miura	Natural Resources and Environmental Mgt	Evaluation and Validation of NPP VIIRS Vegetation Index EDR for Earth System and Climate Sciences	We propose to evaluate and improve the quality of Visible/Infrared Imager Radiometer Suite Vegetation Index Environmental Data Record and its continuity with other satellite sensors. We will use existing in situ observation networks and inter-comparisons for the objectives, and determine accuracy and precision of the data record.	1	80,671

### National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Alexander N Shor	School of Ocean and Earth Science and Technology	Oceanographic Technical Services, R/V Kilo Moana, 2012-2016	This project provides basic and specialized oceanographic technical services that enhance the scientific productivity of research programs aboard the R/V Kilo Moana (KM), a research vessel owned by the U.S. Navy, and operated by University of Hawaii under a charter party agreement with ONR and a cooperative agreement with NSF.	1	805,477
NATIONAL SCIENCE FOUNDATION	Cecily J. Wolfe	Hawaii Institute of Geophysics and Planetology (HIGP)	Collaborative Research: The Hawaiian PLUME deployment in a global context	Conduct analyses of the PLUME land and ocean bottom seismometer deployments in order to further constrain mantle seismic structure beneath the Hawaiian hotspot	1	53,612
NATIONAL SCIENCE FOUNDATION	Clinton Conrad	Department of Geology and Geophysics	CAREER: Understanding the Solid Earth's Influence on Sea Level	We will develop numerical models that constrain the interaction between the solid earth and sea level over time scales ranging from decades to millions of years. This research effort will inform the development educational "modules" that will be used to teach undergraduate and graduate students about earth processes that affect sea level.	1	317,110
NATIONAL SCIENCE FOUNDATION	Daniel Rubinoff	Plant and Environmental Protection Sciences	Vital Upgrades and Databasing for the University of Hawaii Insect Museum	Project will allow for essential equipment upgrades for the UH Insect Museum and support databasing for the over 4,000 species held in the Museum. Grant will fund graduate and undergraduate student research.	1	290,328
NATIONAL SCIENCE FOUNDATION	E. Gordon Grau	Hawaii Institute of Marine Biology (HIMB)	Integrating Environmental Modulation, Osmosensitivity and Signaling in a Model Osmoreceptor	To elucidate the mechanisms that mediate osmoreception in the prolactin cell of the tilapia in fresh water and seawater environments.	1	247,747

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NATIONAL SCIENCE FOUNDATION	Emilio Herrero-Bervera	Hawaii Institute of Geophysics and Planetology (HIGP)	Full Vector Studies of the Pringle Falls Excursion Recorded at Pringle Falls, Oregon	Investigate the paleointensity of sediments recorded at Pringle Falls, Oregon.	1	108,237
NATIONAL SCIENCE FOUNDATION	Feifei Jin	Department of Meteorology	Studies on Dynamics of ENSO (El Nino-Southern Oscillation) Complexity	This renewing project focuses on investigating the physical mechanism for complex behavior of ENSO (El Nino-Southern Oscillation) and the underlying mechanisms that controls ENSO responses to the tropical climate changes associated with Global Warming.	1	152,033
NATIONAL SCIENCE FOUNDATION	Fernando Martinez	Hawaii Institute of Geophysics and Planetology (HIGP)	Collaborative Research: The Southeast Mariana Forearc Rifts and the Southernmost Mariana Trough Spre	This is a collaborative research proposal to carry out a marine geophysical and rock sampling cruise in the western Pacific Ocean and to analyze the data acquired.	1	77,632
NATIONAL SCIENCE FOUNDATION	Scott Paul Robertson	Information and Computer Sciences	HCC: Medium: Social Search and Deliberation in Digital Political Information and Collaboration Domains	Social networking sites and services such as Facebook and Twitter are increasingly important for political dialogue. This research examines how social networking might influence decision making by voters and also proposes to build a service to help voters find and share online information about candidates.	1	16,000

### US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Operational Support of Infrasound Station I59US of the International Monitoring System (IMS)	Operate, maintain and upgrade/sustain the I59 infrasound site in Hawaii.	1	132,000
ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Recapitalization of the IMS Infrasound Stations I539, Palau and I552, Diego Garcia.	Rebuilding of equipment on Palau and Diego Garcia islands.	1	128,267
CALIFORNIA IRVINE, UNIVERSITY OF	Tung T. Hoang	Department of Microbiology	Characterization of Mutations in Unknown Genes Expressed in the Burkholderia pseudomallei Transitome	The goals are to identify and characterize the natural transformation system of B. pseudomallei and to develop novel molecular genetic tools for genome manipulation of B. mallei and B. pseudomallei	1	212,950
CALIFORNIA SAN DIEGO, UNIV	Linda Chang	Department of Medicine	Creating a Pediatric Imaging-Genomics Data Resource		1	57,414

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CORNELL UNIVERSITY	Kimberly Binsted	Information and Computer Sciences	Effects of Retronasal Smelling, Variety and Choice on Appetite and Satiety	Our main analog study will test the hypothesis that allowing a crew to prepare some of their own meals will mitigate menu fatigue and increase food satisfaction. An analog crew of 5 volunteers will inhabit a Mars analog site for 4 months. Preparation time, food acceptability, intake, and mood will be tracked.	1	56,595
HAWAII PACIFIC UNIVERSITY	Susana Helm	Department of Psychiatry	The Development of a Video-Enhanced Drug Prevention Program for Rural Native Hawaiian Youth	Develop a drug prevention program for rural native Hawaiian youth.	1	49,000
UTAH STATE UNIVERSITY	Elsie Gladys Burbano	Plant and Environmental Protection Sciences	Effectiveness of Beauveria Bassiana on Coffee Berry Borer in Different Agroclimatic Zones	The coffee berry borer is the most important coffee pest worldwide due to this beetle reduces yields and quality of coffee. This beetle was reported in the district of Kona, Island of Hawaii in August 2011 and is causing economic losses of approximately 40%. The fungus Beauveria bassiana is a natural control and its effectiveness needs to be tested at different elevations.	1	49,403
<b>Research - Total</b>					<b>76</b>	<b>37,465,817</b>

### 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-CTR DIS CTRL-FED	Jean Johnson	Center on Disability Studies/University Affiliated Pgms	Identify and Follow: Ajiri in Ibwinini	To make sure that babies identified in the Marshall Islands with a significant hearing loss are screened, evaluated, and provided the intervention services they need.	1	89,333
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Kristine Ann Qureshi	School of Nursing and Dental Hygiene	Advanced Public Health Nurse/Family Nurse Practitioner Capacity in the Pacific Region		1	313,161
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Louise Iwaishi	Department of Pediatrics	Hawaii MCH Leadership Education in Neurodevelopment and Related Disorders	Interdisciplinary leadership training for advanced graduate students in maternal child health.	1	595,000

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HEALTH & HUMAN SVC, DEPT-NIH-FED	Diane Taylor	Department of Tropical Medicine, Medical Micro and Pharm	Training of Cameroonian Scientists in Research on Malaria		1	199,992
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Patricia Couvillon	Pacific Biosciences Research Center	Minority Access to Research Careers	The grant will support the research training and academic preparation of honors-level underrepresented minority students in the biological and behavioral sciences to facilitate their entry into Ph.D. programs	1	137,858
HEALTH & HUMAN SVC, DEPT-SUB ABUSE/MNTL HLTH SVC-FED	Deborah Goebert	Department of Psychiatry	Hawai`i's Caring Communities Initiative	Hawai`i is proposing to implement two strategic evidence-based youth suicide prevention and early intervention projects. These projects will focus on impacting at-risk communities, as well as the statewide crisis infrastructure in Hawai`i.	1	479,634

#### DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Elizabeth Maynard	Sea Grant College Program	Building Pacific Island Capacity by Documenting Climate Change Events of the Past	The primary goal of this project is to build skills and capacity of Pacific Islanders in Hawaiian language translation of the Hawaiian language newspaper archive and increase stakeholder knowledge of climate change through education and outreach activities that disseminate information about past climate change events in Hawaii.	1	60,306
COMMERCE, DEPT-NATL NOAA-FED	Tetsuzan Benny Ron	Water Resources Research Center	Aquaculture Training On-Line Learning (ATOLL) Phase 2	Maintain and improve the Aquaculture Training and Online Learning (ATOLL) program to meet the needs of American Flag Pacific Islanders.	1	60,000

#### DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	Nicholas Kaiser	Institute for Astronomy	The Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)	Design and construction of the Panoramic Survey Telescope and Rapid Response System (Pan-STARRS).	1	1,000,000

Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Alexander N Shor	School of Ocean and Earth Science and Technology	Research Vessel Operations and At-Sea Technical Services, University of Hawaii 2009-2011	Emergency repairs and maintenance work on R/V Kilo Moana.	1	187,663
Defense, Dept.-Pacific Command (USPACOM)	Richard E Rocheleau	Hawaii Natural Energy Institute (HNEI)	Intergovernmental Personnel Assignment for PACOM	Efforts at U.S. PACOM are underway to assess, strategize, experiment with, and implement transformational energy programs and technologies across the Pacific Area of Operations. Specific expertise is needed to support the deployment of technologies capable of converting energy from local, persistent resources to meet current Department of Defense operational needs. Under this agreement, UH/HNEI will loan staff to PACOM to assist in this analysis until a more permanent solution is identified.	1	432,316

**ED-Dept of Education**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	James Brown	Department of Second Language Studies	Proposal to Continue Funding of the UH National Foreign Language Resource Center (NFLRC), 2010-2014, under the Language Resource Centers Program	The National Foreign Language Resource Center will continue to serve as a resource to improve the nation's capacity to teach and learn foreign languages effectively through projects, publications, and professional development activities, with a focus on less commonly taught languages, particularly of Asia and the Pacific.	1	174,166
EDUCATION, DEPT-FED	Jonathon V McKee	Chancellor, UH Maui College	Native Hawaiian Serving Institution: Increase Native Hawaiian Success at University of Hawai'i Maui	Increase Native Hawaiian Success by increasing retention, persistence and graduation rates by providing peer tutoring and mentoring in a new Student Success Center, mandating a First and Second Year Experience for cohort participants and developing an Associate in Arts degree with an emphasis on Hawaiian Studies.	1	2,125
EDUCATION, DEPT-FED	Lisa Gillis-Davis	Chancellor, Windward Community College	Upward Bound Windward Community College	To identify qualified individuals from disadvantaged backgrounds and encourage them to complete high school, enroll in college, and graduate from college.	1	262,500

### Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Margaret Ledward	Chancellor, UH West Oahu	Creating a Mobile High-Touch High-Tech Learning Environment: A Program to Promote Academic & Psychosocial Engagement & to Increase Participation in...	This proposal addresses the activities that UHWO can implement to increase college success as measured by improving retention and graduate rates. It also aims to increase access to higher education by increasing opportunities for students to participate successfully in STEM classes and disciplines. UHWO will develop a high-touch mobile learning environment.	1	2,125

#### Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AUSTRALIAN NATIONAL UNIVERSITY	Peter M Onaka	Institute for Astronomy	STARGRASP replacements for ANU Skymapper Instrument	STARGRASP replacement boards for ANU Skymapper Instrument	1	25,182
COMMONWEALTH OF NO MARIANA ISLANDS	Lee E Buenconsejo-Lum	Department of Family Medicine and Community Health	Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract From CNMI DPH)		1	25,000
FEDERATED STATES MICRONESIA	Lee E Buenconsejo-Lum	Department of Family Medicine and Community Health	Evaluating the Costs and Impacts of New and Emerging Technologies in the US Affiliated Pacific Island (USAPI) Jurisdictions; Cervical Cancer Screening	Assist health departments and local partners in the USAPI jurisdictions to formulate an approach in evaluating existing and new cervical cancer prevention strategies.	1	30,265



Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Fukada Salvage and Marine Works Company, Ltd.	Alexander N Shor	School of Ocean and Earth Science and Technology	Support of DORD Survey Operations in the Northeast Pacific Ocean, August-October 2012	Project Summary University of Hawaii proposes to support shipboard operations for research on manganese nodule distribution and characteristics on behalf of Deep Ocean Resources Development Co., Ltd. DORD. Support will include two research cruises on the University of Hawaii research vessel Kaimikai-O-Kanaloa RV KOK in the general vicinity of 10N, 147E in the Pacific Ocean. This is a location in which DORD has a license to conduct research from the International Seabed Authority ISA. Operations to be carried out on RV KOK will include sampling of sediments and manganese nodules, measurement of water properties, bottom photography, and acoustic characterization of the seabed using shipboard and autonomous sonar systems. Vessel operations will begin at the University of Hawaii Marine Center, Pier 45, Honolulu on approximately 15 August 2012 and end approximately 54 days later in the same location. Operations will be guided by a contract between University of Hawaii and Fukada Salvage and Marine Works Company, Ltd., a copy of which is attached. Total costs for the project will be based on actual time at sea plus additional efforts per contract terms, and are expected to be \$1,400,000 if all work is completed as planned.	1	1,400,000

**Hawaii- Business and Other**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
The Kohala Center	Corilee Watters	Human Nutrition, Food and Animal Sciences	School Garden Curriculum	Develop 6 modules of Science garden based curriculum for grades 6-8. Curriculum will meet the National Science Education Standards.	1	4,000

**Hawaii- Dept of Education**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Christine Knupp	College of Education	Felix Consent Decree Recruitment and Retention Personnel Plan 2013	A recruitment and retention personnel plan designed to build a sustained in-state capacity	1	2,196,736

Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
	Sorensen			to produce additional Special Education teachers eligible for initial teaching licensure each year by the College of Education, specifically and deliberately prepared for career employment in the Hawaii Public Schools.		
EDUCATION, DEPT-HI	Susan M Saka	Curriculum Research and Development Group	Administer and Score Peabody Picture Vocabulary Test	Coordinate the administration of the Peabody Picture Vocabulary Test (PPVT) to zones of improvement preschool students in spring 2012, fall 2012, spring 2013, fall 2013, and spring 2014, score tests, and provide data to Department of Education's Office of Strategic Reform.	1	103,956
EDUCATION, DEPT-HI	Thanh Truc Thi Nguyen	Curriculum Research and Development Group	Development of Internet/cyber safety website for Hawaii Department of Education	Development of Internet/cyber safety website for Hawaii Department of Education	1	4,000

**Hawaii- Government Agencies**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CITY & COUNTY HONOLULU	Timothy Slaughter	Outreach College	2012 Manoa Jazz & Heritage Festival	The Community Services Division of Outreach College will be presenting a one day music festival featuring music from out-of-state artists, and local high school ensembles. Performances are open to the general public with reasonable priced general admission and discounted tickets.	1	5,000
Governor, Office of - State of Hawaii	Satoru Izutsu	John A. Burns School of Medicine	Vocational Rehabilitation Needs Assessment		1	507,030
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

Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAIIAN AFFAIRS, OFFICE OF	Gregg Sherman Geary	Library	TEDxManoa Event	On October 5, 2012, the UHM Library and Native Books are collaborating to bring a TEDx talk to Honolulu, entitled, TEDxManoa. The purpose of the event is to focus on native ingenuity, knowledge and wisdom for solutions for 21st century issues in Hawaii. By applying traditional knowledge as part of the solution for issues such as sustainability, a new purpose is given to old wisdom to solve current issues [NOW = new old wisdom].	1	5,000
HAWAIIAN HOME LANDS, DEPT-HI	Carl Imaikalani Evensen	College of Tropical Agriculture and Human Resources	Hawaiian Homelands Agricultural Extension Program	Provide educational and technical assistance to DHHL lessees to develop successful commercial agricultural enterprises and subsistence agricultural activities.	1	75,000
HEALTH, DEPT-ADULT MENTAL HTH DV-HI	Steven Onken	Social Science Research Institute	Hawaii Mental Health Transformation State Incentive Grant	Purpose is to do a transformation of current mental health delivery systems in the state. It is also to look at the system as a whole and modify laws, norms, and values, and reassess systems of service delivery and finance.	1	8,660
HEALTH, DEPT-HI	Patricia O'Hagan	Emergency Medical Services	Emergency Medical Services Education and Training Through Training Centers on the Islands of Maui, Kauai, and Hawaii	Budget modification for Emergency Medical Services Education and Training Through Training Centers on the Islands of Maui, Kauai, and Hawaii	1	149,480
HEALTH, DEPT-HI	Valerie Jean Yontz	Dept of Public Health Sciences and Epidemiology	Public Health Training Hui Needs Assessment		1	9,000
HUMAN SERVICES, DEPT- HI	Rebecca Rude Ozaki	Center on Disability Studies/University Affiliated Pgms	Hawaii Patient Rewards and Incentives for Supporting Empowerment Program (HI-PRAISE)	Proposal will focus on services/supports provided by Hawaii Developmental Disabilities Division: 1) coordination of services across agencies (CAMDH and adult mental health) specifically for those with challenging behaviors ie., autism spectrum disorder, 2) evaluation of health needs of individuals who are culturally/linguistically diverse, 3) determination of health safety needs and priorities, 4) streamlining PICL funding reimbursements, 5) supporting health and self-determination through employment.	1	9,936,999
JUDICIARY-HI	James H. Pietsch	William S. Richardson School of Law	Indigent Legal Assistance Fund (ILAF) - Legal Services for the Elderly	Provide legal services to socially and economically needy persons 60 years and older.	1	6,990

Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

**Hawaii- Non-Profit Organizations**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii Cancer Consortium	James Turkson	Natural Products	HCC Start-Up Laboratory Funding for Dr. James Turkson		1	400,000
Hawaii Cancer Consortium	Peiwen Fei	Natural Products	HCC Start-Up Laboratory Funding for Dr. Peiwen Fei		1	350,000
TRI-ISLE RES CONSERVATION & DEV COUNCIL	David Duffy	Department of Botany	Support for the Maui County Invasive Species Committee Project	Detect, control, and eradicate various alien invasive species on Maui.	1	619,876
UNIVERSITY HAWAII FOUNDATION	David Krupp	Chancellor, Windward Community College	WCC/UHF Pacific Initiative for Environmental Studies	Undergraduate and K-12 education and outreach in environmental studies.	1	49,650

**Mainland- Business and Other**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Astellas Pharma Global Development, Inc. (APGD)	Jonathan Karl Cho	Clinical Sciences	A Phase 2, Open Label, Multicenter, Randomized Trial Comparing Tivozanib in Combination with mFOLFOX6 with Bevacizumab in Combination with mFOLFOX6 in	A Phase 2 clinical trial for metastatic colorectal cancer (mCRC).	1	29,635
ICON Clinical Research	Richard Arakaki	Department of Medicine	The Effect of LY2189265 on Major Cardiovascular Events in Patients with Type 2 Diabetes. (REWIND Study)		1	10,857
THIRTY METER TELESCOPE OBSERVATORY CORP	Lisa Hunter	Institute for Astronomy	Hawaii Island Akamai Program	Implement Akamai activities on Hawaii Island in 2012, continuing the Akamai internships, adding a new high school career exploration program and internship to TMT for two students.	1	60,000

**Mainland- Health Organizations**

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN FEDERATION FOR AGING RSCH	Kamal Masaki	Department of Geriatric Medicine	Hartford Center of Excellence in Geriatrics	Faculty Development award in Geriatrics	1	120,000

**Mainland- Non-Profit Organizations**

Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN COUNCIL EDUCATION	Catherine Chan-Halbrendt	Natural Resources and Environmental Mgt	University Partnership on Linking Entrepreneurship and Agricultural Potential to promote Job Opportunities for Business Scale-Up for Mindanao	University Partnership on Linking Entrepreneurship and Agricultural Potential to promote Job Opportunities for Business Scale-Up for Mindanao UP-LEAP JOBS for Mindanao Abstract UP-LEAP JOBS for Mindanao is a partnership between the University of Hawaii at Manoa UH/College of Tropical Agriculture and Human Resources CTAHR and Southern Christian College SCC to enhance the livelihoods of out-of-school youth OSY in Central Mindanao through training and capacity building of educators and participants of the agricultural entrepreneurship program at SCC. The goals of this partnership are two-fold. First is to sustainably increase the institutional and human capacity of Southern Christian College SCC in rural workforce development through extension program in agricultural entrepreneurship contributing to the regions agricultural economic development and social prosperity; and second, to sustainably improve livelihood and increase incomes of community and out-of-school youth by providing training in workforce development, deployment in entrepreneurial agriculture extension service.	1	1,070,495
ASSOCIATION UNIVERSITIES RESEARCH IN ASTRONOMY, INC.	Jeffrey Kuhn	Institute for Astronomy	Cryo Near-IR Spectropolarimeter (CryoNIRSP) Critical Design Review Phase	This is the continuation of the CryoNIRSP contract. It encompasses the Critical Design Phase. It will end with a critical design review.	1	1,072,487
EDUCATION TRUST, THE	Linda K. Johnsrud	Office of the VP for Academic Planning and Policy	Access to Success Data Collection 2011	Support of data collection efforts for the Access to Success Initiative.	1	3,850
NATIONAL FOUR-H COUNCIL (4-H)	Gary Heusel	Family and Consumer Sciences	Get Fueling for Health	4-H members, leaders, parents, grandparents, families and community members seek to improve the diets consumed by Native Hawaiians and Pacific Islander communities in Hawaii. During an eight week period of healthy plate and nutrition promotion activities current diets will be assessed and positive eating habits for life will be introduced.	1	55,500

## Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
The International Group for Historical Aircraft Recovery	Alexander N Shor	School of Ocean and Earth Science and Technology	Support of TIGHAR Survey Operations near Nikumaroro Island, July 2012	Research cruise on RV KOK to support TIGHAR search for wreckage of Amelia Earhart plane.	1	785,000
WESTERN STATES ART FEDERATION (WESTAF)	Timothy Slaughter	Community Programs	University of Hawaii Presents: Theater of Legend	Performing art project involving 1 public performance, 1 community performance and 5 lecture demonstrations.	1	2,000

### National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Andrea Berez	College of Language, Linguistics and Literature	Workshop Proposal: Master Class Series at the 3rd International Conference on Language Documentation and Conservation	Requesting funds for specific items associated with the 3rd ICLDC in early 2013: (i) a series of Master Class workshops including facility rental, instructor travel costs, printing costs, and coffee breaks; (ii) travel and lodging for 1 plenary speaker; (iii) travel and lodging for six graduate students or non academic community language workers to attend the conference.	1	27,380
NATIONAL SCIENCE FOUNDATION	Murli Manghnani	Hawaii Institute of Geophysics and Planetology (HIGP)	Acquisition and Upgrading of Equipment for High Pressure-Temperature Research in Mineral Physics	Upgrading High Pressure laboratory for high pressure-temperature mineral physics in spectroscopy and ultrasonic measurements.	1	94,800

### US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MASSACHUSETTS, UNIVERSITY OF	Robert A Stodden	Center on Disability Studies/University Affiliated Pgms	YR 4 Consortium on Postsecondary Education for Students with Intellectual/Development Disabilities	Will demonstrate a model Postsecondary Program for students with intellectual disabilities in two community college sites in Hawaii.	1	50,000
MINNESOTA, UNIVERSITY OF	Anthony Kuh	Electrical Engineering	Workforce Training for the Electric Power Sector	This grant involves working with a consortium of eighty Universities led by the University of Minnesota to develop undergraduate power and energy laboratories. At the University of Hawaii we will develop new power systems and power electronic laboratories.	1	8,333

Gift, Grants, and Contracts for Jun 1, 2012 to Jun 30, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Pennsylvania State Univ- Arthur W. Page Center for Integrity in Public Communication	Thomas Kelleher	School of Communications	Standing the Test of Time and Technology: Principles of Public Relations Management in the Age of Social Media (teaching module)	This online module is designed for students to apply ethical theory and lasting principles of good public relations as our media landscape changes dramatically. After covering classic principles of ethics (e.g., golden rule, golden mean, categorical imperative, utilitarianism, discourse ethics) in prior class periods or online modules, students read Brubakers essay on the Page principles and the chapter on social media from their introductory communication text. Then they take time to engage an organization via social media before being quizzed on the readings and asked to reflect upon their online experience and how the ethical and public relations principles apply in social media contexts.	1	2,500
WASHINGTON, UNIVERSITY OF	Douglas S Luther	Department of Oceanography	Ocean Observatories Initiative Regional Scale Nodes Project Scientist - Continuation	Dr. Douglas Luther -University of Hawaii- will provide support for the University of Washington Ocean Observatories Initiative Regional Scale Nodes Office for developing community engagement with the OOURSN and for ensuring synergy between scientific objectives and technological capabilities.	1	50,000
<b>Non-Research - Total</b>					<b>53</b>	<b>23,375,840</b>
<b>Overall - Total</b>					<b>129</b>	<b>60,841,657</b>

Funds Received from UH Foundation for Jun 1, 2012 to Jun 30, 2012

**Non-Research**

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Krupp	Chancellor, Windward Community College	WCC/UHF Pacific Initiative for Environmental Studies	Undergraduate and K-12 education and outreach in environmental studies.	1	49,650

**Research**

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
<b>Overall - Total</b>						<b>2</b>	<b>128,150</b>



**Extramural Research Awards for the Month  
Jun 1, 2012 to Jun 30, 2012  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	2	6,045,000	16%
DHHS-Dept of Health and Human Services	5	1,759,074	5%
DOC-Dept of Commerce	4	512,815	1%
DOD-Department of Defense	6	20,563,144	55%
DOE-Dept of Energy	1	84,698	0%
DOI-Dept of Interior	1	50,188	0%
Federal Agencies	1	6,636	0%
Foreign	3	2,473,715	7%
Hawaii- Business and Other	2	25,591	0%
Hawaii- Government Agencies	10	1,315,940	4%
Hawaii- Health Organizations	1	20,168	0%
Hawaii- Non-Profit Organizations	8	428,469	1%
Mainland- Business and Other	7	555,807	1%
Mainland- Non-Profit Organizations	1	105,650	0%
National Aeronautics and Space Administration	8	765,117	2%
National Science Foundation	9	2,068,176	6%
US Colleges and Universities	7	685,629	2%
<b>Overall - Total</b>	<b>76</b>	<b>37,465,817</b>	<b>100%</b>

**Extramural Non-Research Awards for the Month of  
Jun 1, 2012 to Jun 30, 2012  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	6	1,814,978	8%
DOC-Dept of Commerce	2	120,306	1%
DOD-Department of Defense	3	1,619,979	7%
ED-Dept of Education	4	440,916	2%
Foreign	4	1,480,447	6%
Hawaii- Business and Other	1	4,000	0%
Hawaii- Dept of Education	3	2,304,692	10%
Hawaii- Government Agencies	10	10,728,159	46%
Hawaii- Non-Profit Organizations	4	1,419,526	6%
Mainland- Business and Other	3	100,492	0%
Mainland- Health Organizations	1	120,000	1%
Mainland- Non-Profit Organizations	6	2,989,332	13%
National Science Foundation	2	122,180	1%
US Colleges and Universities	4	110,833	0%
<b>Overall - Total</b>	<b>53</b>	<b>23,375,840</b>	<b>100%</b>

**Year to Date Extramural Research Awards  
Jul 1, 2011 to Jun 30, 2012  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	46	14,435,707	6%
DHHS-Dept of Health and Human Services	86	46,590,267	18%
DOC-Dept of Commerce	61	19,828,737	8%
DOD-Department of Defense	82	66,277,205	26%
DOE-Dept of Energy	13	5,738,414	2%
DOI-Dept of Interior	45	4,530,323	2%
ED-Dept of Education	8	2,140,146	1%
Federal Agencies	13	3,492,243	1%
Foreign	18	3,517,696	1%
Hawaii- Business and Other	27	3,170,713	1%
Hawaii- Government Agencies	135	19,305,815	8%
Hawaii- Health Organizations	8	305,929	0%
Hawaii- Non-Profit Organizations	70	4,630,638	2%
Mainland- Business and Other	95	5,583,553	2%
Mainland- Health Organizations	14	1,111,336	0%
Mainland- Non-Profit Organizations	27	2,028,730	1%
Miscellaneous	1	158,121	0%
National Aeronautics and Space Administration	79	16,652,224	6%
National Science Foundation	102	28,804,871	11%
US Colleges and Universities	109	8,677,598	3%
<b>Overall - Total</b>	<b>1,039</b>	<b>256,980,266</b>	<b>100%</b>

**Year to Date Extramural Non-Research Awards  
Jul 1, 2011 to Jun 30, 2012  
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	17	2,939,807	2%
Dept of State	1	9,250	0%
DHHS-Dept of Health and Human Services	38	11,390,939	6%
DOC-Dept of Commerce	15	6,587,416	4%
DOD-Department of Defense	15	4,353,424	2%
DOE-Dept of Energy	2	309,693	0%
DOI-Dept of Interior	13	476,522	0%
ED-Dept of Education	97	42,360,136	24%
Federal Agencies	10	30,712,112	17%
Foreign	32	7,405,314	4%
Hawaii- Business and Other	35	3,135,567	2%
Hawaii- Dept of Education	22	3,849,568	2%
Hawaii- Government Agencies	131	29,668,160	17%
Hawaii- Health Organizations	14	733,512	0%
Hawaii- Non-Profit Organizations	93	9,712,818	5%
Mainland- Business and Other	32	1,475,792	1%
Mainland- Health Organizations	4	176,810	0%
Mainland- Non-Profit Organizations	26	5,419,581	3%
National Aeronautics and Space Administration	8	1,105,551	1%
National Science Foundation	38	14,618,899	8%
US Colleges and Universities	45	2,453,830	1%
<b>Overall - Total</b>	<b>688</b>	<b>178,894,701</b>	<b>100%</b>