

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Susan Crow	Natural Resources and Environmental Mgt	Water and Carbon Footprint and Plant Parameters of Biofuel Production on the HC&S Sugarcane Lands in Maui, Hawaii	The project objectives are to determine plant growth, water use, and carbon footprint of sugarcane and/or other energy plants in the HC&S croplands in Maui, Hawaii. To this end eddy covariance systems will be installed to measured crop ET and net CO2 exchange. On-site sensor maintenance including sensor replacement if needed, repositioning sensor height as plant grows, switching batteries as system power reserve will be performed. Measurements of fraction of ground canopy cover and canopy height will also be carried out on satellite overpass days. A plot study will be carried out to develop and validate algorithms for detecting and determining water stress and water use efficiency using thermal remote sensing. Periodic ground measurements will include canopy temperature, leaf stomatal conductance, fraction of ground canopy cover, canopy height, leaf area index, and final yield. Soil core samples for carbon stock assessment will be taken from multiple depths and locations near planting and after harvest. Soluble organic carbon and total soil carbon and nitrogen will be analyzed. Plant parameters needed for ALMANAC model simulation will include documentation of green-up, faction of intercepted PAR, leaf area index, within season try weight and nutrient concentrations, and final dry weight.	1	345,700
AGRICULTURE, DEPT, FOREST SVC-FED	Rebecca Ostertag	Biology (UH Hilo)	Monitoring with Forest Inventory and Analysis in Hawaii Experimental Tropical Forest		1	250,000
AGRICULTURE, DEPT, FOREST SVC-FED	William Sakai	College of Agriculture, Forestry and Natural Resource Mgt	Anaerobic Digestion Project	The anaerobic digestion project will determine conditions for optimal methane production initially with papaya waste and progressing to more complex waste materials.	1	250,000

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DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-ADMIN ON AGING	Colette Browne	School of Social Work	Ha Kupuna National Resource Center for Native Hawaiian Elders	Ha Kupuna National Resource Center for Native Hawaiian Elders provides aims to improve the health and long-term care of Native Hawaiian elders through research and technical assistance.	1	129,852
HEALTH & HUMAN SVC, DEPT-NIH-FED	Monika Ward	Department of Anatomy, Biochemistry, and Physiology	Do we need Y chromosome for successful reproduction?	In this project we will test the hypothesis that it is possible to achieve successful reproduction with assisted reproduction using germ cells from males without the Y chromosome.	1	276,037
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Carol Jo Boushey	Cancer Etiology	Improving Dietary Assessment Methods using the Cell Phone & Digital Imaging	This study is directed to improving environmental exposure assessment as part of the Genes and Environmental Initiative of the NIH.	1	317,964
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Gertraud Maskarinec	Cancer Etiology	Nutritional & Behavioral Cancer Prevention in a Multiethnic Population	Grant will support postdoctoral training in cancer prevention and control research led by faculty at the Cancer Research Center of Hawaii and collaborators elsewhere at the University and health care organizations in Honolulu.	1	520,132
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	James Turkson	Natural Products	Salicyclic Acid-Based Small-Molecule Stat3 Inhibitors for Anticancer Therapy	The proposed work is to identify and develop potent inhibitors of a cancer-causing protein into new drugs for treating human cancer.	1	489,360
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Laurence Kolonel	Cancer Etiology	Understanding Ethnic Differences in Cancer: The Multiethnic Cohort Study	This grant supports a variety of activities related to the maintenance and enhancement of the infrastructure for the Multiethnic Cohort. These activities include mailing of questionnaires, maintenance of the biorepository, collection of additional specimens, follow-up of the participants for disease occurrence, and others.	1	3,899,100
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Peiwen Fei	Natural Products	Roles of the Fanconi Anemia Pathway in Bladder Tumorigenesis	To study the interplay between the role of FA-tumor suppressor signaling pathway in the development of human bladder cancer.	1	713

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HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CTR FOR RSCH RES	Marla Berry	Department of Cell and Molecular Biology	Bioscience Research Infrastructure Development for Grant Enhancement and Success	The overall objectives of the RCMI Program at UHM are to create and strengthen expertise, education, training, and infrastructure for biomedical and behavioral research that promises to improve the diagnosis, prevention, and treatment of diseases, especially those associated with health disparities in minority populations in Hawaii.	1	2,592,349
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	92,813
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DRUG ABUSE	Thomas Ernst	Department of Medicine	RGR-Based Motion Tracking for Real- Time Adaptive MR Imaging and Spectroscopy	This Bioengineering Research Partnership aims to develop (1) an optical head tracking system and (2) real-time adaptive Magnetic Resonance imaging and spectroscopy techniques for use with the tracking system. The tracking system will allow accurate measurement of subject motion and enable successful MR acquisitions without motion artifacts in the data.	1	899,991
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DRUG ABUSE	Victor Andrew Stenger	Magnetic Resonance Imaging Center	Parallel MRI for Substance Abuse Research		1	158,687
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Michelle Matter	Department of Cell and Molecular Biology	Regulation of Endothelial Permeability in Sepsis		1	288,750
HEALTH & HUMAN SVC, DEPT-PUB HLTH SVC-FED	Kelly Drew Roberts	Center on Disability Studies/University Affiliated Pgms	Pono Choices	The proposed project is to develop a new and innovative approach to preventing Hawaii's high teen pregnancy and sexually transmitted diseases by selecting components from evidence-based programs incorporating them into a unique program that meets the needs of the culturally diverse youth population.	1	969,936
HEALTH&HUMAN SVC,DEPT-NIH-FED NTL INST NEURO DIS&STROKE	Cecilia Shikuma	Hawaii Center for Aids Research	HIV and Global Drug Therapies: Peripheral Neuropathy Complications and Mechanisms	This proposal will study whether low baseline peripheral nerve fiber density will predict development of neuropathy in a clinical cohort in Thailand; and also study the role of mitochondria.	1	644,998

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COMMERCE, DEPT-NATL NOAA-FED	John C Wiltshire	Hawaii Undersea Research Laboratory (HURL)	Annual Funding (FY 2012) for the Hawaii Undersea Research Laboratory	This proposal requests FY2012 funding for base operations of the Hawaii Undersea Research Laboratory at the University of Hawaii.	1	1,453,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Economics of Fisheries Initiative	Please see narrative attached to grants package for details.	1	243,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Ecosystem Modeling	Please see narrative attached to grants package for details.	1	136,815
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Fisheries Monitoring and Support	Please see narrative attached to grants package for details.	1	170,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Human Dimensions of Fishing and Marine Ecosystems in the Western Pacific	Please see narrative attached to grants package for details.	1	329,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Pacific Islands Region Sustainable Fisheries Initiative	Please see narrative attached to grants package for details.	1	175,161
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Protected Resources Environmental Compliance Initiative (PRECI)	Please see narrative attached to grants package for details.	1	325,753
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Sea Turtle Bycatch Mitigation Research	Please see narrative attached to grants package for details.	1	200,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Seasonal Forecasts and Extreme Event Projections for Pacific Sea Level	Please see narrative attached to grants package for details.	1	67,000

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COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Sustaining Healthy Coastal Ecosystems - Supplement	Please see narrative attached to grants package for details.	1	900,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Western Pacific Fisheries Information Network (WPacFIN)	Please see narrative attached to grants package for details.	1	445,000
COMMERCE, DEPT-NATL NOAA-FED	Robert H. Richmond	Pacific Biosciences Research Center	From Science to Conservation: Linking Coral Reefs, Coastal Watersheds and their Human Communities in the Pacific Islands	This project addresses the impacts of watershed discharges on coral reefs in the Pacific Islands and translating science into policy and management approaches to protect these coastal marine resources	1	113,726
COMMERCE, DEPT-NATL NOAA-FED	Tomoaki Miura	Natural Resources and Environmental Mgt	Development of Validation Protocols for Vegetation Index Time Series from VIIRS	We propose to evaluate and validate the vegetation index environmental data record into the beta and provisional stages using protocols developed during the previous project period, while continuing on refining and improving the protocols.	1	65,450
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Clyde Tamaru	Hawaii Institute of Marine Biology (HIMB)	DEVELOPING A MARINE AQUAPONIC PROTOTYPE FOR USE IN HAWAII	The overall goal of the proposed project is to demonstrate that aquaponic technologies can be used to produce two species of ogo (e.g., Gracilaria tikvahiae and G. parvospora) using various combinations of marine fish and crustaceans.	1	40,000

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	David Duffy	Department of Botany	Biological Stabilization Action - Island of Oahu: Stabilization of Oahu's Rare and Endangered Species Research	Conduct rare and endangered species research in conjunction with the Army's ecosystem management program to project natural resources on Army land on Oahu.	1	409,240
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	65,000

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DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael G. Hadfield	Pacific Biosciences Research Center	A Molecular Analysis of Tube Cement of the Tubeworm Hydroides Elegans	The proposed research will determine the major molecular structural components of the primary and secondary tubes of the marine biofouling tubeworm Hydroides elegans. It will also examine the genetic basis of formation of both of the tubes by building transcriptomes of tissues that secrete tube components and selecting dominant gene products from them for analysis.	1	45,097

DOE-Dept of Energy

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Ralf I Kaiser	Department of Chemistry	Probing the Reaction Dynamics of Hydrogen-Deficient Hydrocarbon Molecules and Radical Intermediates via Crossed Molecular Beams	We want to find out how PAHs and their precursors are formed in combustion flames.	1	141,000

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	Clifford W. Morden	Department of Botany	Plant Extinction Prevention Program	Preserve samples of endangered native plant species while attempting to preserve wild specimens within their natural habitats.	1	220,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	David Duffy	Department of Botany	Project Support for the Big Island Invasive Species Committee (BIISC)	Conduct early detection research and investigate strategies for high risk invasive species on the island of Hawaii.	1	70,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	David Duffy	Department of Botany	Project Support for the Kauai Invasive Species Committee (KISC)	Conduct early detection research and investigate strategies for high risk invasive species on Kauai.	1	70,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	David Duffy	Department of Botany	Project Support for the Maui Invasive Species Committee (MISC) and the Molokai Invasive Species Committee (MoMISC)	Conduct early detection research and investigate strategies for high risk invasive species.	1	190,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	David Duffy	Department of Botany	Project Support for the Oahu Invasive Species Committee	Conduct early detection research and investigate strategies for high risk invasive species on Oahu.	1	90,000

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INTERIOR, DEPT-FISH & WILDLIFE SVC	Tamara Ticktin	Department of Botany	Learning from Traditional Ecological Knowledge to understand Climate Change Impacts and Preserve Key Cultural and Natural Resources in Kaupulehu	Climate change is a global process with site-specific ecological and sociocultural repercussions. Place-based observations are critically needed to complement global climate change models to help identify: how climate is changing locally, the ecological and social impacts of climate change, and the ways people are adapting. Using biocultural and participatory approaches we propose to contribute to PICCC's goal of preserving key cultural and natural resources by carrying out an in-depth study of traditional ecological knowledge (TEK) in Kaupulehu, Hawai'i Island. We will collaborate with community members to identify: TEK-relevant to climate and environmental change; the biological and cultural resources most valued by community members; and coping mechanisms, adaptation strategies and resources that promote social-ecological resiliency to climate change. Products include a compilation of TEK that relates to adaptation to environmental change; maps of culturally important resources under current and predicted climate change scenarios and strategies for their conservation; the development of community-based monitoring plans for key cultural resource(s) and a TEK website.	1	45,000
INTERIOR, DEPT-NATIONAL PARK SVC	Clifford W. Morden	Department of Botany	Developing Rare Plant Monitoring and Recovery Strategies	Conduct surveys and identify seed sources of endangered, threatened and rare plant species; collect seeds and cuttings and propagate and outplant seedlings; and evaluate propagation and outplanting success.	1	58,000
INTERIOR, DEPT-NATIONAL PARK SVC	David Duffy	Department of Botany	Evaluating the Effectiveness of Self-Reloading Small Mammal Traps in Hawaiian Forest Situations	Evaluate the effectiveness of self-reloading traps on rats in forested land on Oahu.	1	24,292
INTERIOR, DEPT-NATIONAL PARK SVC	Paul Krushelnycky	Plant and Environmental Protection Sciences	Haleakala Silversword Research to Slow the Invasion of Argentine Ants in Silversword Habitat	The project will research silversword reproductive ecology and survival, research current and future patterns of invasive Argentine ant spread, and develop methods for slowing ant spread into the park.	1	60,000

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EDUCATION, DEPT-FED	Robert A Stodden	Center on Disability Studies/University Affiliated Pgms	Hawaii Model Demonstration Project on Tiered Approaches to Improve the Writing Proficiency, Application, and Transfer Skills of 9th Grade Students	The purpose of the Hawaii project is to rigorously conduct a Model Demonstration of tiered approach toward improving writing proficiency, application, and transfer skills of ninth grade students who have writing difficulties, including those at risk for and with learning disabilities.	1	399,997

Federal Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Institute of Museum and Library Services	Nellie C Sugii	Lyon Arboretum	Lyon Arboretum Urban Garden	Develop a new Urban Garden, which will introduce growing concepts for the urban landscape	1	113,955

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
JAPAN FOUNDATION	Patricia G. Steinhoff	Sociology	Survey of Japan Specialists and Japanese Studies Institutions in North America Project	The project will conduct surveys of Japan specialists and Japanese Studies institutions in the U.S. and Canada and produce electronic files for a directory and a searchable website, a study of the current state of Japanese studies in the U.S., and a volume on Japanese Studies in Canada.	1	89,484
KEK HIGH ENERGY ACCELERATOR RCH ORG	Gary Varner	Department of Physics and Astronomy	JFY2012 US/Japan Program for Cooperation in High Energy Physics for the High Luminosity R&D	Design, fabrication and firmware/software debug and deployment of a first generation 3D electrode detector, to complement the poor photon yield Fermionics array, both using 100 Gigasamples/second sampling on each channel, and full readout within a single 10 microsecond Super-KEKB beam orbit.	1	62,181

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Murdoch University	Christopher Lepczyk	Natural Resources and Environmental Mgt	Attitudes of the General Public to Pet Cats and Wildlife - An International Comparison	To survey suburban residents in cities in the UK, the US, Canada, NZ and eastern Australia, within a period of no more than a year, regarding their attitudes toward the interactions of pet cats and wildlife. Cat-owners surveyed will be asked additional questions on their cat husbandry practices. By comparing the responses in different countries, we will identify specific community education needs in different countries to encourage wildlife-friendly cat husbandry.	1	9,900

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Diagenetix Inc.	Daniel Jenkins	Molecular Biosciences and Bioengineering	Handheld devices for on-site real-time agricultural diagnostics and food safety/ quality assessment	Intensification of resource use and other global changes have resulted in emergence of a variety of new diseases and increasing virulence harm from existing pests and diseases. These organisms are ever more efficiently spread by traffic in goods and people throughout the world, and pose major risks to agriculturally sensitive areas. Exclusion of exotic diseases from US agriculture is of primary importance to the biosecurity of the nation and management of established diseases is becoming increasingly important to agricultural industries with low margins which are increasingly challenged to meet global needs for food with limited resources. The primary objective of this project is to demonstrate simple new technologies to enable rapid field detection of pathogens with user friendly data management and reporting to facilitate management of a wide variety of disease organisms of importance to agriculture. Partners in the agricultural research community with close relationships to growers have been selected to demonstrate these technologies for a variety of important pathogens.	1	26,793

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EAST WEST CENTER	Kevin Hamilton	International Pacific Research Center (IPRC)	Climate Adaptation Partnership for the Pacific (CAPP)	Climate Adaptation Partnership for the Pacific (CAPP) Year 3 Continuation	1	125,124
HASEKO (EWA) INC	Lloyd Hihara	Mechanical Engineering	Investigation of Hold-down Corrosion	This project is designed to investigate the causes of corrosion of galvanized steel anchor plates embedded in concrete. Laboratory specimens will be created to simulate field conditions for typical home construction using galvanized anchor plates. These specimens will be monitored using half cell potential measurements and polarization techniques for corrosion rate measurements. When provided with adequate concrete cover, galvanized reinforcing steel has proven effective against early onset corrosion. Galvanizing of steel is also an effective corrosion protection system when the steel is exposed to typical atmospheric conditions of wetting and drying. However, in more severe coastal conditions, and with reduced concrete cover, galvanized steel elements have been observed to corrode more rapidly. The objective of this research project is to determine the most likely cause of corrosion observed in field installations of galvanized steel anchor plates partially embedded in concrete foundation slabs for residential construction.	1	107,762
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	151,444
Ohana Military Communities	Stephen Meder	School of Architecture	Residential Solar Water Heater Study	The purpose of this project is to gain a better understanding of the	1	46,270

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CITY & COUNTY HONOLULU	Chittaranjan Ray	Water Resources Research Center	Biological and Sediment Monitoring Program	This project examines the life around the City of Honolulu's ocean sewage outfall pipes to monitor for deleterious changes to the biota in the area.	1	3,514,895

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
County Hawaii Dept of Research and Development	Mark Nickum	Tropical Plant and Soil Science	Consistent Year-Round Avocado Production by Exploiting Diverse Microclimates for Local Market Consumption and Community Food Security	In the State of Hawaii, the avocado market demand is three times the amount of avocados that are produced and sold locally, thus importation supplies the majority of consumer purchases. While Hawaii has a very good climate to produce avocados throughout the year, inconsistent supply and quality has hampered the growth of the local avocado industry. The goals for this project center on achieving consistent year round production of avocados to increase market share for locally grown avocados by taking advantage of the many environmental and climatic niches found on Hawaii Island to extend harvest of commercial quality fruit. Depending on the cultivar, avocado fruit mature between 5 and 16 months from the time of flowering and fruit set. Mature fruit of many cultivars can remain on the tree for a period of 2 months or more. Flower bloom and time to fruit maturity are affected by environmental factors such as temperature, rainfall and light intensity and in general can be regulated by selection of planting sites based on elevation and rainfall (Windward vs. Leeward). Thus the project will involve establishment of planting four commercial quality avocado cultivars representing different maturity periods in a gradient of microclimates to determine if statewide yearlong production of marketable fruit can be attained. The microclimates will vary in elevation, temperature ranges, rainfall patterns, soil type, etc.	1	7,000
COUNTY MAUI	Cathy Wiltse	Hawaii Small Business Development Center	SBDC - Hawaii Business Research Library - Maui County	The Hawaii SBDC's Hawaii Business Research Library provides specialized and customized business research assistance to small businesses and to individual residents statewide.	1	80,000

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HEALTH, DEPT-ALCOHOL & DRUG ABUSE DIV-HI	Alana D Steffen	Office of Public Health Studies	Tobacco Sales Enforcement for Synar Amendment	Provide technical assistance to the Honolulu, Hawaii, Kauai, and Maui Police Departments in support of their operations to enforce section 709-908, Hawaii Revised Statutes, regarding tobacco sales to minors.	1	142,000
HEALTH, DEPT-ALCOHOL & DRUG ABUSE DIV-HI	Rebekah Rodericks	Office of Public Health Studies	Education Research Services for the Implementation of the Synar Amendment	Conduct the federally required Synar Amendment Survey, where one series of random, unannounced inspections of tobacco product retailers is conducted to meet requirements of Public Law 102-321, Section 1926 and 45 Code of Federal Regulations Part 96, Section 96.130. A Synar Coverage Study will also be completed to ensure project database contains at least 90% of all tobacco outlets accessible to youth.	1	96,566
Honolulu Liquor Commission	Alana D Steffen	Office of Public Health Studies	Team PLUS: On-Premise Alcohol Sales	Compliance check for sales of alcohol to minors.	1	75,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Collaboration for the Development of a DAR Coral Nursery	Develop and maintain a coral nursery to conduct research on coral samples for species preservation, conservation, mitigation and restoration.	1	309,720
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Restoration Research on Oahu's Lowland Rare Plants	Establish an effective outplanting and restoration program for rare lowland plants on Oahu.	1	79,065
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kauai Endangered Seabird Conservation Research and Management	Conduct research on the populations of endangered Kauai seabirds and make recommendations for conservation strategies.	1	577,685
PUBLIC SAFETY, DEPT-HI	Patrick Uchigakiuchi	Social Science Research Institute	PSD Health Care Quality Improvement & Program Evaluation project	Graduate Assistants will work at the Oahu Community Correctional Center (OCCC) in the secure Health-Care Records-Unit and will be expected to collaborate with interdisciplinary mental-health and health-care staff.	1	44,969

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Eugene Konorev	Pharmaceutical Sciences	Inhibition of cardiac vascular network formation by targeted anticancer drug sorafenib	Project Summary	1	49,993

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OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Clyde Tamaru	Molecular Biosciences and Bioengineering	Mitigating the Diseases of Freshwater Cultured Fish Species in Hawaii and the Pacific Region	Using a combination of polymerase chain reaction technology and histopathology determine the suitability of a disease free certificate of health for koi herpes virus bestows added value to cultured koi in Hawaii. In addition, the two methods are to be used to conduct a basic study on the life history of Fransciella like bacteria in tilapia.	1	97,000
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Kent D Kobayashi	Tropical Plant and Soil Science	Adapting Aquaponics Systems for Use in the Pacific Islands	Aquaponics is the co-culture of fish and plants. This project will focus on the finalization of a low capital, simple to operate, maintenance free aquaponics system developed at the University of Hawaii at Manoa (UHM). Extension to interested end users in the American Pacific and in Hawaii will then be conducted.	1	34,012
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford W. Morden	Department of Botany	East Maui Watershed Protection: Waikamoi Preserve	Conduct applied conservation research and management to protect the native forests of Waikamoi Preserve in east Maui.	1	112,022
UNIVERSITY HAWAII FOUNDATION	Elizabeth Tam	Department of Medicine	Respiratory Health	Teach General Internal Medicine Ambulatory and inpatient care to medical students and medical residents, assist in clinical research, provide consultation care in inflammatory/immunologic disease develop/evaluate training programs.	1	20,000
UNIVERSITY HAWAII FOUNDATION	Eva Ponte	Institute for Teacher Education	Activating Educators Focus on Family Engagement as Central to Teaching (AFFECT)	The purpose of this research is to document the preparation and examine the implementation of family engagement (FE) elementary teacher professional development modules as part of the Activating Educators Focus on Family Engagement as Central to Teaching (AFFECT) project.	1	40,000
UNIVERSITY HAWAII FOUNDATION	Marilyn F. Dunlap	Pacific Biosciences Research Center	Tree Snails Project	Funds will be used to conduct research on the genetics and molecular biology of Hawaiian invertebrates.	1	6,548
UNIVERSITY HAWAII FOUNDATION	Thomas Jackson	Philosophy (UH Manoa)	Philosophy for Children Research Associate	The Philosophy for Children Research Associates will gather data and conduct research on the effectiveness of a proposed "Philosopher in Residence" initiative at two public schools in Hawaii	1	40,000

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Mainland- Business and Other

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Battelle Energy Alliance, LLC	Bor Liaw	Hawaii Natural Energy Institute (HNEI)	Path Dependence Degradation Analysis of Li-Ion Battery for PHEV Applications	Develop test protocols and analysis techniques for battery diagnosis and prognosis	1	150,000
BOEING COMPANY-BOEING LASER TECH SVCS	Jeffrey Kuhn	Institute for Astronomy	UH R&D Support (ODC) - 2011	Produce hardware, or other ODC items and support travel as necessary to support R&D efforts including HiVIS Sensor maintenance.	1	42,500
JET PROPULSION LAB-JPL	Glenn Morrison	Institute for Astronomy	Herschel+CANDELS: Unraveling the Physical Processes that Regulate Star Formation and AGN Activity in Ordinary Galaxies at z=2	The deepest Herschel surveys have established a distinction between steady "main sequence" star formation, whose rate is closely tied to galaxy mass at a given redshift, and elevated starburst activity in ordinary, L*IR galaxies at z > 1.5. They have also shown that supermassive black hole growth occurs mainly through secular processes in these main sequence galaxies, and have revealed otherwise obscured AGN missed by the deepest X;ray surveys. However, the physical processes that trigger starbursts, and the relation between star formation, AGN activity, and the structural properties of galaxies at this peak era of galaxy growth, are far from clear. We propose a survey to address these questions by measuring far; infrared luminosities and star formation rates for a large sample of high redshift galaxies with deep, high;resolution near;infrared imaging from the CANDELS HST WFC3 Treasury program.	1	5,000
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	22,000
JET PROPULSION LAB-JPL	Tobias Owen	Institute for Astronomy	Cassini Solstice Mission	To study seasonal and other long-term temporal changes on Saturn and its moons, from northern winter solstice to northern summer solstice. The mission extension will allow for continued observations of Saturn's rings and the magnetic bubble around the planet known as the magnetosphere.	1	13,000

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
SPACE TELESCOPE SCIENCE INSTITUTE	Miguel Urbaneja	Institute for Astronomy	Winds of Very Low Metallicity OB Stars: Crossing the Frontier of the Magellanic Clouds	Very low metallicity massive stars are a key ingredient for our understanding of the early Universe because of their connection with the dominant conditions at that time, the reionization epoch. New observations of OB stars in IC613 will enable us to the frontier of the magellanic Clouds. (OB stars are hot, massive stars of spectral types O or B).	1	48,744
Tobira Therapeutics	Jason Barbour	Department of Tropical Medicine, Medical Micro and Pharm	Cenicriviroc API Study	We will evaluate the effects of a novel drug Cenicriviroc to halt inflammatory properties of a population of cells, activated monocytes that cause severe neurological and cardiovascular complications in HIV infection. This is a laboratory based study, working with cell samples, and does not involve administration of drug to human.	1	168,000
TREX ENTERPRISES CORPORATION	M Ghasemi Nejhad	Mechanical Engineering	Development of High Performance Carbon-Carbon-SiC Hybrid Honeycomb Ceramic Composites Employing Polymer Infiltration Pyrolysis, Phase IV	To develop C-C-SiC Hybrid Honeycomb Ceramic Composites employing Polymer Infiltration and Pyrolysis PIP, where the preceramic polymer is KION CERASET and the fiber is Carbon.	1	18,001
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	161,370

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN HEART ASSOCIATION	Ralph Victor Shohet	Department of Medicine	Nonviral vector strategies for Ultrasound Targeted Microbubble Destruction-mediated hepatic gene therapy	Research proposal for a 2 year predoctorial fellowship to perform cell culture and mouse studies designed to improve the efficiency of a nonviral gene delivery method, Ultrasound Targeted Microbubble Destruction. The project will specifically evaluate whether transposonbased and minicircle DNA delivery vectors can be used to enhance the Ultrasound Targeted.	1	25,000

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
RIVERSIDE RESEARCH INSTITUTE	Junji Machi	Department of Surgery	Advanced Ultrasonic Evaluation of Sentinel Lymph Nodes	Using special advanced ultrasound techniques, we are trying to make a diagnosis of cancer in lymph nodes, which will help pathologists. We focus on sentinel lymph nodes of breast cancer so that diagnosis of lymph nodes metastasis will be improved in a non-invasive way.	1	71,060

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Simons Foundation	Erik Guentner	Department of Mathematics	Coarse Geometry and Applications to Operator K-theory	We study the application of coarse geometric techniques to problems in analysis and topology.	1	35,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Beei-Huan Chao	Mechanical Engineering	Flame Design: A Novel Approach to Clean Efficient Diffusion Flames	Investigate technologies that can be used to control diffusion flames such that the flames are strong and soot free. Applying these technologies, clean and efficient diffusion flames can be designed to reduce fuel consumption and pollutants generation in practical combustion devices.	1	13,000

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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.	1	150,000
NATIONAL AERONAUT & SPACE ADM	Paul Grandmont Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Co-investigator Support for the LOLA Experiment	The investigators will use data from the Laser Orbiter Lunar Altimeter to conduct scientific studies regarding the Moon	1	50,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Aleksandar Kavcic	Electrical Engineering	Collaborative Research: Cross-Layer and Unified Signal Processing System Design for Ultra-High-Capacity Next-Generation Magnetic Storage	The objective of this proposal is to develop cohesive signal processing system design solutions to enable future mass data storage hard disk drives with beyond 1-Tbit per square inch areal density using both magnetic recording and NAND flash memory technologies.	1	53,145
NATIONAL SCIENCE FOUNDATION	Antony Clarke	Department of Oceanography	VOCALS: Airborne Measurements of Aerosol Dynamics and Evolution	Understanding the role of aerosol properties in cloud and drizzle formation	1	110,857
NATIONAL SCIENCE FOUNDATION	Brian Bingham	Mechanical Engineering	RI-Small: Collaborative Research: Distributed Heterogeneous Ocean Robots for Detecting and Monitoring Oil Plumes	The goal of this project is to demonstrate a new method collective robotic behavior to map oil plumes in the ocean environment.	1	199,336

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Bruce M. Howe	Department of Ocean and Resources Engineering	ALOHA Cabled Observatory: Operations and Maintenance	To provide for continuous operations and maintenance of the recently installed ALOHA Cabled Observatory.	1	437,115
NATIONAL SCIENCE FOUNDATION	Christopher Measures	Department of Oceanography	Automated instrumentation for chemical oceanography based on sequential injection lab-on-valve technology	To continue previously funded research using the sequential injection analysis SIA techniques for trace element determinations which will improve our understanding of biogeochemical process of the contemporary ocean to model its future changes.	1	408,583
NATIONAL SCIENCE FOUNDATION	David Karl	Center for Microbial Oceanography, Research and Edu (C-MORE)	Center for Microbial Oceanography: Research and Education (C-MORE)	Operations at the Center for Microbial Oceanography: Research and Education will be extended for an additional 5-year period (2011-2016). We will conduct research, create and disseminate knowledge, provide unique educational opportunities, conduct research and enhance the diversity of the scientific workforce	1	4,000,000
NATIONAL SCIENCE FOUNDATION	David Tholen	Institute for Astronomy	Observations of Near-Earth Asteroids	We are proposing to further improve our astrometric accuracy by implementing the use of a new reference catalog, which corrects some of the problems with those encountered with the previous one used.	1	97,463

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Ilia Roussev	Institute for Astronomy	CAREER: Bridging Modern Computational Capabilities and Observations of Solar Magnetic Fields with Expanding Solar Physics Education at the...	We propose to improve the current version of the solar corona model within the SWMF by incorporating the newly available, high-cadence time-series of vector magnetogram data taken with the Heliospheric and Magnetic Imager (HMI) spectro-polarimeter onboard the Solar Dynamics Observatory (SDO) satellite. The coronal magnetic field above active regions is expected to contain volumetric currents, which cannot be modeled with potential field extrapolations. We aim to improve simulations of dynamic events by using non-potential force-free extrapolations of the corona magnetic field above active regions as initial conditions. Given the nonlinear nature of the MHD equations, we expect that the use of these realistic starting conditions will improve the reliability of the simulations. The 12-minute high-cadence of the observations allows for interesting possibilities of driving the simulations using the photospheric vector magnetic field as a boundary condition. This project will help improve the chances of developing more accurate physics-based predictive tools for space weather by incorporating more realistic observations of the solar magnetic field into existing MHD simulations of the solar corona.	1	55,717
NATIONAL SCIENCE FOUNDATION	Jonathan Williams	Institute for Astronomy	The Distribution and Evolution of the Gas and Dust Content of Protoplanetary Disks	Extrasolar planetary systems are common but very diverse. To understand their formation and the range of planetary architectures, and thereby to learn about the origins of the Solar System and to place it in context, requires statistical studies of their birthsites, protoplanetary disks. The program outlined here uses millimeter interferometry with data obtained from the Submillimeter Array (SMA) on Mauna Kea to observe the gas and dust emission from disks over a range of ages.	1	91,671

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Michael Liu	Institute for Astronomy	Ultracool Astrophysics from Substellar Binaries	We will conduct a deep, sensitive search of the coldest known brown dwarfs to identify new substellar binaries suitable for dynamical mass determinations and to search for free-floating objects colder than anything currently known. We will greatly expand the sample of dynamical mass measurements for substellar binaries through a high-precision AO monitoring campaign.	1	188,694
NATIONAL SCIENCE FOUNDATION	Michael O Garcia	Department of Geology and Geophysics	Hawaiian Ridge Age, Source, Composition and Melt Flux Variations: Implications for Plume Dynamics and Plate Kinematics	The proposed study will provide new ages and geochemistry of 23 lavas from volcanoes that span the entire ~3000 km-long Hawaiian Ridge and determine the magma flux for the Ridge using new data to evaluate the origin of the ridge.	1	349,922
NATIONAL SCIENCE FOUNDATION	Richard Hey	Hawaii Institute of Geophysics and Planetology (HIGP)	Test Between Thermal and Tectonic Hypotheses for North Atlantic Seafloor Spreading Geometry Reorganization	Marine geophysical investigation of North Atlantic seafloor spreading reorganization.	1	184,376
NATIONAL SCIENCE FOUNDATION	Richard Zeebe	Department of Oceanography	Ocean Acidification: Collaborative Research: Establishing the Magnitude of Sea-Surface Acidification During the Paleocene-Eocene Thermal Maximum	Reconstruct and understand past changes in climate and ocean chemistry to improve predictions of future change.	1	206,681
NATIONAL SCIENCE FOUNDATION	Scott Q Turn	Hawaii Natural Energy Institute (HNEI)	Center for BioEnergy Research & Development	UH will participate in the development of novel catalysts for producing liquid biofuels from synthesis gas. UH will characterize contaminants in the synthesis gas that affect catalysts and supply synthesis gas samples.	1	49,000
NATIONAL SCIENCE FOUNDATION	Yi Zuo	Mechanical Engineering	Biophysiochemical Interactions Between Nanomaterials and Pulmonary Surfactants	The proposed research aims to study the biophysical interaction between engineered nano materials and natural pulmonary surfactants	1	289,812

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CALIFORNIA SAN FRANCISCO, UNIV	Aaron T Ohta	Electrical Engineering	Microfluidic Cell Sorting Devices	Development of a microfluidic cell sorter for the separation of live and dead cells.	1	3,390

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
California Santa Barbara, University of	John Lynham	Economics	Forage Fish and Food Webs	We propose to investigate the role of forage fish in marine food webs and, in particular, analyze policies designed to promote more efficient use of forage fish resources. The overarching theme is to rigorously address the question of what is the benefit of leaving more forage fish in the ocean? We plan to adopt a multi-pronged approach to answer this question.	1	21,044
COLORADO, UNIVERSITY OF	Claudio Nigg	Office of Public Health Studies	The Impact of an Environmental and Curriculum Change on Children's Obesity Related Behaviors	This is a subcontract for a part of the physical activity curriculum, the process evaluation and biostatistics for a project promoting physical activity in elementary school children. It is a project investigating the interaction of curriculum and playgrounds.	1	159,257
DREW, CHARLES R, UNIVERSITY	Richard Yanagihara	Department of Pediatrics	RCMI Translational Research Network	The RCMI Translational Research Network (RTRN) Research Core provides infrastructure support for pilot projects and collaborative research endeavors across the consortium of 18 RCMI grantee institutions.	1	372,738
MIAMI, UNIVERSITY OF	Mariana Gerschenson	Department of Cell and Molecular Biology	Mitochondrial Determinants of Metabolic Disease in HIV-Infected Children		1	267,208
MINNESOTA, UNIVERSITY OF	Loic Le Marchand	Cancer Etiology	Mechanisms of Ethnic Differences in Lung Cancer Due to Cigarette Smoking	This study will examine genetic factors for ethnic differences in the metabolism of nicotine and tobacco carcinogens and its relation to the risk of lung cancer.	1	705,842
Montclair State University	Julia Eve Hammer	Department of Geology and Geophysics	Static and Shock Pressure Treatment of Synthetic Mars Basalts: Understanding the Evolution of Crustal Magnetic Anomalies	We will investigate the origin and subsequent modification of strongly magnetized Mars crust. Synthetic basalts will be subjected to increasing pressure treatments in order to evaluate the effects of static and dynamic pressure on rock magnetic properties	1	87,245
VIRGINIA POLYTECHNIC INST & STATE UNIV	Anne Hope Jahren	Department of Geology and Geophysics	SIPsmartER: A Nutrition Literacy Approach to Reducing Sugar-Sweetened Beverages	This project seeks to quantify the relationship between blood isotope chemistry in subjects and known consumption levels of sweetened beverages.	1	44,835
Research - Total					110	34,093,907

Non-Research

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	James B Friday	Natural Resources and Environmental Mgt	Technical Assistance for Forestry, Agroforestry, and Native Plant Nurseries in the American-affiliated Pacific Islands	I propose to work with the USDA Forest Service to develop activities, information, and materials (e.g. workshops, web pages, videos, fact sheets, propagation protocols, resource directories) with the objective of providing technical expertise and assistance to benefit forestry, agroforestry and native plant nurseries in the American-affiliated Pacific islands.	1	11,000
AGRICULTURE, DEPT, FOREST SVC-FED	Sharon Ziegler	Pacific Aquaculture and Coastal Resources Ctr	Professional Internships in Pacific Terrestrial Island Ecosystem Management II	Collaborative training effort between Forest Service and UHH to serve technical training needs of state foresters.	1	25,000

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	Lee E Buenconsejo-Lum	Department of Family Medicine and Community Health	Pacific Regional Central Cancer Registry program	The United States Affiliated Pacific Island Jurisdictions (USAPIJ) consist of the Territory of Guam, the Territory of American Samoa, the Commonwealth of the Northern Marianas Islands (CNMI), The Republic of the Marshall Islands (RMI), the Republic of Palau, and the Federated States of Micronesia (FSM), including the FSM States of Chuuk, Kosrae, Pohnpei and Yap. The USAPI has high cancer mortality rates and limited resources. Individually, these jurisdictions are ineligible to apply for NPCR funding. As a Region, however, the population exceeds 460,000. To maximize scarce resources, leverage support and build capacity in the region, medical and public health leaders in the USAPI have long desired a regional approach to cancer, one which includes development of a regional cancer registry that is maintained in the region. Though each jurisdiction struggles with various aspects of cancer care, they have been variably successful in operating cancer registries under the Pacific Regional Central Cancer Registry (PRCCR) program.	1	527,324

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				<p>This proposal is to continue and expand cancer registration capacity in the USAPI. Existing partnerships with University of Guam (UOG) and both the John A. Burns School of Medicine, Department of Family Medicine and Community Health, (JABSOM-DFMCH) and the University of Hawaii Cancer Center, Hawaii Tumor Registry (UHCC/HTR) of the University of Hawaii (UH) and many other regional partners will continue to implement the Pacific Regional Central Cancer Registry (PRCCR). The Cancer Council of the Pacific Islands will continue to serve as the Advisory Committee/Advisory Board for the PRCCR. Close coordination with the Pacific Islands Health Officers Association (PIHOA) will continue to ensure collaboration across regional NCD programs.</p> <p>Each USAPI country has designated the University of Hawaii (UH) Department of Family Medicine and Community Health (DFMCH) to be their bona fide agent for this application. The project has several main goals, all d</p>		
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Christina Bell	Department of Geriatric Medicine	IDT Team Training to Improve Nursing Home Patient Care for Eating Problems		1	77,691
HEALTH & HUMAN SVC, DEPT-NIH-FED	Kelley Withy	Department of Complementary and Alternative Medicine	2012 Pacific Education and Research for Leadership in Science (PEARLS	Provide middle school teacher training in an innovative inquiry based curriculum that includes health science career awareness to teachers from across the Pacific.	1	245,695
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CTR FOR RSCH RES	William Steven Ward	Department of Anatomy, Biochemistry, and Physiology	Institute for Biogenesis Research: COBRE	Develop the existing Institute for Biogenesis Research into a multi-disciplinary research center for reproductive biology research.	1	2,079,772
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DIAB,DIG,KIDN DIS	Kaimi Sinclair	Department of Native Hawaiian Health	Neighborhood Characteristics and Diabetes Incidence in the Multiethnic Cohort Study		1	108,944

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Matthew Gonser	Sea Grant College Program	Extension for Sustainable Coastal Development and Smart Growth	Regional Extension for Sustainable Coastal Development and Smart Growth for the Pacific	1	25,000

DOD-Department of Defense

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	610,600

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	David Duffy	Department of Botany	Invasive Species Strike Team (ISST)	Conduct joint invasive species rapid response work with USFWS.	1	100,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	David Duffy	Department of Botany	Project Support for Coordinating Group on Alien Pest Species (CGAPS) Inter-Agency Coordination and Outreach Efforts	Promote inter-agency coordination and promote public awareness on invasive species issues.	1	42,930
INTERIOR, DEPT-FISH & WILDLIFE SVC	Roy Yamakawa	Kauai County	Logistical Support for Kauai Conservation Partnership Program		1	7,800
INTERIOR, DEPT-NATIONAL PARK SVC	David Duffy	Department of Botany	Support for the Coordinating Group on Alien Pest Species (CGAPS)	Assist the Coordinating Group on Alien Species with collaborative projects to reduce invasive species in Hawaii.	1	5,400
INTERIOR, DEPT-NATIONAL PARK SVC	David Duffy	Department of Botany	Support of the Hawaii-Pacific Islands Cooperative Ecosystem Studies Unit	Support the coordination of the Hawaii-Pacific Islands Cooperative Ecosystem Studies Unit.	1	16,000

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-NATIONAL PARK SVC	Ruth Deborah Gates	Hawaii Institute of Marine Biology (HIMB)	Using metabolomics to investigate the impacts of climate change on functionally different coral-Symbiodinium unions	<p>Global climate change is causing drastic increases in sea surface temperatures worldwide, including tropical regions where coral reefs are important to local ecosystems and economies. Unfortunately, as sea surface temperatures continue to increase, episodes of coral bleaching, or the loss of the corals algal endosymbiont partner (=Symbiodinium), are increasing in frequency and severity. However, some corals are more resistant than others to stress. Current evidence has suggested that coral differential response to temperature stress is related to host-endosymbiont physiology and may be influenced by the flexibility and specificity of the coral-Symbiodinium union. Here, I propose to investigate the metabolism of functionally different coral-Symbiodinium partnerships. The specialist coral, <i>Porites lobata</i> and the generalist coral, <i>Pocillopora damicornis</i>, will be collected from reefs off of Kaluapapa National Park on Molokai and off of the south coast and windward side of Oahu. Corals will be sampled for metabolite production over a thermal gradient of 1°C. Metabolite production will be measured by employing metabolomic techniques, which take advantage of Mass Spectrometry and Nuclear Magnetic Resonance methods to measure the presence and abundance of small molecules. Subsequently, replicate nubbins will be collected from Kaneohe Bay, Oahu and used in a manipulative experiment to measure the impact of thermal stress on metabolite production in each coral-Symbiodinium union. Results from this proposal will allow us to identify metabolites that respond to thermal stress in Hawaiian reef building corals. Future endeavors stemming from this work will help National Park managers develop a cost efficient tool to aid in identifying corals and reefs to target for protection.</p>	1	14,964

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Alvin Tagomori	Chancellor, UH Maui College	Central Maui and Molokai Upward Bound	Central Maui and Molokai Upward Bound at the University of Hawai`i Maui College (UH Maui College) will serve 85 eligible high school students within three target schools: Baldwin High School, Maui High School, and Molokai High School.	1	378,499
EDUCATION, DEPT-FED	Brenda Cartwright	Counselor Education	Strengthening Rehabilitation Counselor Ed. in a Global Networked Environment	To address the nation's continuing rehabilitation personnel needs by providing a master's level online training program to increase the number of qualified rehabilitation counselors and to upgrade the skills of practicing rehabilitation professionals available for employment in the State-Federal Rehabilitation System.	1	147,380
EDUCATION, DEPT-FED	Linda K. Johnsrud	Office of the VP for Academic Planning and Policy	Gaining Early Readiness and Awareness for Undergraduate Programs State Grant (GEAR UP)	The goal of GEAR UP is to encourage and help more low-income students in Hawaii to prepare and enroll in post secondary education.	1	3,321,627
EDUCATION, DEPT-FED	Louise Pagotto	Arts and Sciences Academic Program	Strengthening the CORE (Center on Responsive Education)	Strengthening the CORE is a program improvement project that will develop within the College's new ecology of learning for CORE students.	1	150,000
EDUCATION, DEPT-FED	Patricia Masters	Student Equity Excel & Diversity	UHM GEAR UP Waipahu	GEAR UP Waipahu provides 675 low-income middle school students access to rigorous academic preparation and financial information to enter and succeed in postsecondary education. The program features an innovative language and culture education program, an online learning initiative, a strong parent involvement component, tutoring, mentoring, and professional development.	1	510,400
EDUCATION, DEPT-FED	Robert Huey	Center for Japanese Studies	National Resource Center for East Asian Studies at the University of Hawaii	The grant will support curriculum development (language and non-language), outreach activities such as workshops/conferences and library development in East Asian Studies at the University of Hawaii	1	134,320
EDUCATION, DEPT-FED	Stephen Dennis O'Harrow	Department of Indo-Pacific Languages	National Resource Center for Southeast Asian Studies at the University of Hawaii	The grant will support academic and scholarship programs in Southeast Asian Studies at the University of Hawaii	1	119,401

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Terence Wesley-Smith	School of Pacific and Asian Studies	National Resource Center for Pacific Islands Studies at the University of Hawaii	The grant will support student scholarships in Pacific Islands Studies at the University of Hawaii	1	121,326
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Jolene Suda	Chancellor, Honolulu Community College	Student Support Services (TRIO)	To increase the college persistence, graduation and transfer rate of low-income, first generation college students and students with disabilities. Services: direct student support, tutoring, counseling, instruction, grant aid.	1	230,289

Federal Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL FOUNDATION ART & HUMAN-NTL ENDOW HUM	Joan M.T. Hori	Library	Digital Access to Hawaii Newspapers	National Digital Newspaper Program.	1	265,018
VIETNAM EDUCATION FOUNDATION	Harry Ako	Molecular Biosciences and Bioengineering	VEF Fellows and Scholars Program	The scholarship is to support Nhan Thai Hua in his Ph.D. work. His subject will most likely be aquaculture of the opihi.	1	28,000

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
VIETNAM EDUCATION FOUNDATION	Tao Yan	Civil and Environmental Engineering	Vietnam Education Foundation Graduate Fellowship for Lavane Kim	Mr. Lavane Kim, a PhD student of the Department of Civil and Environmental Engineering at the University of Hawaii at Manoa, will be working as a graduate research assistant under the supervision of Dr. Tao Yan to perform his PhD dissertation research. His dissertation research is aimed to understand the effects of indigenous soil microbial communities on the survival of E. coli and other enteric pathogens in soil environments. Mr. Lavane Kim has been a PhD student since Jan. 1, 2011, and has been continuously supported through a research assistantship by Dr. Tao Yan. This VEF fellowship grant will continue to support Mr. Kim for two additional years (i.e. from August 1, 2012 to July 31, 2014). Normally, it takes about four years to complete a PhD degree in Civil Engineering at UH Manoa. Based on his research progress to date, Mr. Lavane Kim is expected to be one-semester away from completing his PhD dissertation research upon the completion of this VEF fellowship. The additional financial support for Mr. Lavane Kim to complete his PhD study will be provided in the form of graduate assistantships.	1	56,000

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN SAMOA, GOVERNMENT	Jon Matsuda	Outreach College	English Language Reform in American Samoa - Summer 2012	Part of the Department of Education's reform plan is to improve teacher quality and to certify high school teachers in the content areas to better address the students' achievement, particularly in reading and writing. The Department of English at the University of Hawaii at Manoa will be offering two English courses to students in American Samoa. The students enrolling in these courses are English teachers in the 7th and 8th grade level and high school level. Many have degrees in areas other than English and have only taken introductory courses in English as part	1	32,832

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				of their education, and therefore not qualified or prepared to teach English at the high school level. Because most have minimal education in English, many have a difficult time passing Praxis II tests, required in many states as part of the teacher licensing and certification process.		
Bundesanstalt fur Geowissenschaften und Rohstoffe	Alexander N Shor	School of Ocean and Earth Science and Technology	UH proposal to provide a seaworthy vessel for offshore sampling and measurements in the equatorial tropical North Pacific	Charter of a seaworthy vessel for the execution of offshore sampling and measurements in the equatorial tropical North Pacific, including support personnel.	1	1,972,338
JAPAN FOUNDATION	Yumiko Tateyama	Department of East Asian Languages and Literature	Japanese Language Teaching Practicum for Obirin University	Under the principal investigator's supervision, the participants in the program will develop lesson plans, instructional/assessment materials, and teach Japanese. They will also participate in seminar discussions, observe Japanese classes, and write reports.	1	2,072
Pacific eCommerce Development Corporation	Norman Okamura	Social Science Research Institute	American Samoa Health Information Exchange	To design, develop and implement the American Samoa Health Information Exchange.	1	222,000
REPUBLIC PALAU MINISTRY OF COMM & TRADE	Neal Palafox	Department of Family Medicine and Community Health	Pacific Regional Comprehensive Cancer Control Implementation Program (subcontract from Palau Ministry of Public Health)	Implement the Pacific Regional Comprehensive Cancer Control Program in conjunction with the USAPI jurisdictions; develop a shared cancer resource for us by the jurisdictions; conduct relevant training for health providers; build capacity and policies relevant to cancer control.	1	23,700

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KAMEHAMEHA SCHOOLS	Joan L Chong	Family and Consumer Sciences	Keaukaha Community Resource Center	To hire a technology program coordinator for the Keaukaha Community Resource Center who will provide educational programs for youth and adults in the community.	1	55,000

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MAUI COUNTY COMMUNITY TELEVISION	Clyde M. Sakamoto	Chancellor, UH Maui College	MCTV Educational Access Activities, Responsibilities, Services For Higher Education - Channel 55 (MCTV) Services and Activities	University of Hawaii Maui College (UHMC) operates, maintains, creates programming and manages the broadcast/cablecast operations of MCTV, Cable 55. Channel operations are headquartered within the Kaaie Building on the Kahului campus. Operations are coordinated by The Media Center. The channel is operated 24/7/365.	2	74,839
OCEANIT LABORATORIES INC	Peter M Onaka	Institute for Astronomy	Oceanit Mantis Stargrasp Camera System	Travel support for installation and debugging support for the Stargrasp Camera System.	1	4,989

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CITY & COUNTY HONOLULU	Darren Okimoto	Sea Grant College Program	Hanauma Bay Education Program 2008-12	To provide technical and professional services to develop and manage and educate and interpretative program for the Hanauma Bay Nature Preserve.	1	462,310
Hawaii Health Systems Corporation	Norman Okamura	Social Science Research Institute	Intergovernmental Cooperative Agreement between the Hawaii Health Systems Corporation and the University of Hawai'i TASI	Intergovernmental Cooperative Agreement between the Hawaii Health Systems Corporation and the University of Hawai'i concerning the State Telehealth Access Network ("STAN") as a shared, collaborative network to improve research, and lessen healthcare costs through the use of Health Information Technology ("HIT") on behalf of the Telecommunications and Social Informatics Research Program.	1	2,513,840

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAIIAN AFFAIRS, OFFICE OF	Keiki K.C. Kawaiaea	Ka Haka'Ula O Ke'Elivolani-UHH	Ulukau Collections	Ka Haka Ula O Keelikolani, College of Hawaiian Language maintains the Ulukau Digital Hawaiian Language Library as a source for its Hawaiian Language and Hawaiian Studies courses. The college also works closely with organizations in the community to provide these Hawaiian language resources. The college requests funds to help enhance and expand access of Ike Hawaii (Hawaiian knowledge) to OHAs beneficiaries, who comprise a significant percentage of Ulukau monthly users. Specifically, this agreement will provide much needed updates and upgrades to the Dictionaries special feature on Ulukau (http://wehewehe.org , hereafter referred to as Dictionaries) by improving the capacity and stability of the supporting technical infrastructure, which will provide for and foster further collaborations between OHA and KHUOK	1	80,000
HEALTH, DEPT-CHILD/ ADOLESC MENTAL HLTH DIV-HI	Charles Mueller	Psychology (UH Manoa)	Research, Evaluation and Training Program	Psychology Department and Department of Health Child and Adolescent Mental Health Division (DOH-CAMHD) collaborate to provide research and evaluation services for CAMHD and provide research and evaluation training for graduate psychology student	1	457,439
HEALTH, DEPT- DEVELOPMENTAL DC-HI	Nathan M Murata	Department of Kinesiology and Rehabilitation Science	Conduct Research Study on Concussion Management	Concussion Management Protocol for Interscholastic Student/Athletes in Hawaii High Schools, Year 3	1	290,509
HEALTH, DEPT-HI	Jason E Maddock	Office of Public Health Studies	Hawaii Physical Activity and Nutrition Coalition	This project continues nutrition and physical activity coalitions on Maui and Kauai.	1	427,180

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-HI	Susan Miller	Center on Disability Studies/University Affiliated Pgms	Culinary Kitchen and Lunch Wagon Workforce Development	The project is comprised of a series of activities that will establish an infrastructure to sustain and expand the administration, operations and implementation of this culturally meaningful job/workforce development initiative. Through new & innovative partnership, the project aims to increase the pool of qualified workers in food industry and other related industries, and at the same time, increase overall demand for work with disabilities toward greater employment and business ownership.	1	24,999
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	17,212
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Collaboration for the Development of DLNR/PMNM Strategic Management Capacity	Collaborate with the state to evaluate capacity for a strategic approach to Hawaii's co-trustee role in the Papahānaumokuākea Marine National Monument.	1	100,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kau Education and Outreach	Create an outreach and education program to assist in gaining community support for planned forest management activities in Kau on the Island of Hawaii.	1	30,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	PCSU Firefighting Support in Conservation Research Areas	PCSU conservation workers will provide firefighting support to the State during wildfires on sites conducting conservation research.	1	2,450

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CASTLE MEDICAL CENTER	Damon H. Sakai	John A. Burns School of Medicine	Reimbursement Agreement Fiscal Year 2013 - Agreement No. SF13-CMC-OME	Agreement to provide medical education to students & residents in a clinical setting.	1	13,006
KUAKINI MEDICAL CENTER	Elizabeth Tam	Department of Medicine	Reimbursement Agreement Fiscal Year 2013 - Agreement No. SF13-KUA-MED	Agreement to provide medical education to students and residents in a clinical setting.	1	158,420
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Kamal Masaki	Department of Geriatric Medicine	Reimbursement Agreement Fiscal Year 2013 - Agreement No. SF13-UCERA-GERI	Agreement to provide medical education to students and residents in a clinical setting.	1	820,933

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Satoru Izutsu	John A. Burns School of Medicine	Reimbursement Agreement Fiscal Year 2012 - Agreement No. SF13-UCERA-OD-INTL	Agreement to provide medical education to students and clinical residents in a clinical setting.	1	15,571

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Bay Clinic, Inc.	Lara Gomez	Pharmacy Practice	Rural East Hawaii Workforce Development Program	Collaborate with network partners on the placement of students and faculty in the medical clinics of the Hilo Medical Center and Bay Clinic Family Health Centers	1	40,000
PACIFIC AMERICAN FOUNDATION	Clyde Tamaru	Molecular Biosciences and Bioengineering	Community Based Restoration of Waikalua Loko: A Hawaiian Fishpond	The project is to provide oversight of restoration efforts (e.g., mangrove removal and invasive algae removal) of the Waikalua Loko Fishpond	1	33,423
Palama Settlement	JoAnn W.L. Yuen	Center on Disability Studies/University Affiliated Pgms	PreK-ACE Kindergarten Boost Camp Evaluation	Evaluation will involve pre-testing and post-testing 20 4-year olds attending a 20 day, 80 hour Boost Camp, designed to get young children ready to learn in kindergarten.	1	2,500
UNIVERSITY HAWAII FOUNDATION	Catherine Chan-Halbrecht	Natural Resources and Environmental Mgt	Hauoli Mau Loa Graduate Assistantships	Hauoli Mau Loa GA To provide 3 graduate assistantships to students pursuing masters degree at UHM/CTAHR/NREM.	1	78,000
UNIVERSITY HAWAII FOUNDATION	Darren Okimoto	Sea Grant College Program	Oio Tagging Project	To educate and raise awareness and understanding of the public, resource users, resource managers, and to provide species-specific information for decision-makers that utilize and manage local fisheries resources.	1	30,000
UNIVERSITY HAWAII FOUNDATION	Donald B Young	Curriculum Research and Development Group	Mizushima International Kimono Program	To conduct the project entitled: "Mizushima International Kimono Program"	1	10,000
UNIVERSITY HAWAII FOUNDATION	Kenneth Nakamura	Department of Pediatrics	American Lung Association of Hawaii Endowed Chair in Neonatal Respiratory Health Fund	Salary and fringe for Physician-Scientist and Mentor.	1	13,180
UNIVERSITY HAWAII FOUNDATION	Linda K. Johnsrud	Office of the VP for Academic Planning and Policy	P-20 Educational Outcomes	To pay for salary, fringe, and program costs for Hawaii P-20 staff to implement the Hawaii P-20 Initiative Strategic Plan.	1	2,603

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Mark McNally	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	To partially support the salary and fringe benefits for the Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History.	1	49,858
UNIVERSITY HAWAII FOUNDATION	Peter John Mouginis-Mark	Hawaii Institute of Geophysics and Planetology (HIGP)	Denise B. Evans Fellowships in Oceanographic Research	This award will provide GAs to two graduate students supported by a gift from the Denise B. Evans account at the UH Foundation.	1	56,000
UNIVERSITY HAWAII FOUNDATION	Richard Frank Stewart	Department of English	Manoa Journal	Funds for staff salary and fringe benefits.	1	3,500
UNIVERSITY HAWAII FOUNDATION	Robert McLaren	Institute for Astronomy	Beatrice Watson Parrent Fellowship in Astronomy	Salary support for Dr. Adam Bolton from the Beatrice Watson Parrent Fellowship Endowment at the Institute for Astronomy.	1	105,642
UNIVERSITY HAWAII FOUNDATION	Ruth Mabanglo	Department of Indo-Pacific Languages	Filipino and Philippine Literature Programs	To provide support for the Third Filipino Global Language Conference	1	2,350

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
GLAXOSMITHKLINE	Kenneth Morris	Pharmaceutical Sciences	materials and dosage form characterization	characterization of compounds of OTC pharmaceutical formulations linking to dosage form performance	1	78,688

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL WRITING PROJECT CORP	Ellen Spitler	College of Education	NWP/HWP Teacher Leadership Development Grant	The Hawaii Writing Project HWP located at the University of Hawaii at College of Education is a schooluniversity collaborative program that has been providing professional development in writing and its classroom uses to teachers of all levels K16 and all disciplines since 1980. In partnership with the Hawaii Department of Education HDOE HWP helps teachers understand the power of writing as a way of learning. HWPs summer institutes have reached more than 2100 public and private school teachers statewide plus thousands more teachers and educators through its school year inservice programs. Core Invitational Summer Institutes ISI and Literacy Conference Summer Invitational Summer Institutes ISI are the foundational course that introduce teachers to the HWP. TeacherConsultants TCs are introduced to current research theory findings and best practices within a supportive peer educator environment that encourages inquiry and supports the development of educator stancevoice. Two ISI will be conducted one in the states urban core of Oahu and one on a rural island of Maui.	1	20,000
QUINTILES INC	Richard Arakaki	Department of Medicine	H9X-MC-GBDX:A Randomized, Open-Label, Parallel-Arm Study Comparing the Effect of Once Weekly Dulaglutide with Insulin Glargine on Glycemic Control	This is a Phase 3, multicenter, randomized, open-label, 52 week treatment study assessing the efficacy and safety of dulaglutide at two dose levels as compared to insulin glargine, in approximately 564 randomized patients with type 2 diabetes mellitus and moderate or severe chronic kidney disease (CKD).	1	162,424
SPACE TELESCOPE SCIENCE INSTITUTE	David Sanders	Institute for Astronomy	Towards a Complete Census of Starburst Activity in the Early Universe	Hubble Postdoctoral Fellowship, Caitlin Casey: "Toward a Complete Census of Starburst Activity in the Early Universe".	1	106,344
Target Health Inc	Jon S Fukumoto	Clinical Sciences	FLT3 Mutation Diagnostic Assay Development Study	This study aims to collect fresh clinical samples from patients diagnosed with AML for analysis of FLT3 mutation.	1	28,933

Mainland- Non-Profit Organizations

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Commonwealth Healthcare Corporation	Norman Okamura	Social Science Research Institute	Intergovernmental Cooperative Agreement between CNMI CHC and UH for EHR; CNMI-CHC-2012-001	To assist the Commonwealth of the Northern Mariana Commonwealth Healthcare Corporation in meeting MU Stage 1.	1	1,443,276

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
The Doctors Company Foundation	Maria Chun	Department of Surgery	3rd Cross-Cultural Health Care Conference	<p>Abstract</p> <p>The biennial Cross-Cultural Healthcare Conference: Collaborative and Multidisciplinary Interventions is designed to train current and future healthcare professionals to work effectively with diverse patient populations and to ensure that what they learn will be translated into practice. The conference will provide a forum to discuss cross-cultural healthcare training and treatment interventions, and how culture can potentially influence treatment. The content of presentations and workshops will demonstrate which specific interventions positively impact educational, community, and private practice settings. In addition, case-based discussions and instruction on tools to assess cultural competency in individual treatment, training programs, and healthcare organizations will be presented.</p> <p>With a focus on healthcare professionals in the United States, critical issues that will be covered include: 1) growing requirements from accrediting bodies, such as The Joint Commission, and federal and state requirements that mandate how patients with language (e.g., limited English proficiency) and cultural barriers must be treated. For example, medical interpretation services must be provided if needed. Additionally, providers can be held liable if they fail to address a patient's cultural considerations. For example, a patient may refuse to take his/her medication for religious reasons; 2) limited access to tools that aid in documentation and evaluation of compliance with these mandates. Currently, there are few standardized, valid, and reliable measures that assess cross-cultural healthcare issues; this is particularly lacking in the field of medicine. Participants will be actively involved in the learning process and will be provided with copies of the tools shared during the conference for use in their respective settings. Our third conference will be held at the Ala</p>	1	15,531

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				Moana Hotel on Oahu, Hawaii, on February 8-9, 2013. Conference materials will be available at our conf		

National Aeronautics and Space Administration

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)	Developing ⁶⁰ Fe- ⁶⁰ Ni chronometry to investigate early solar system processes.	This proposal requests money for the second year of Myriam Telus NESSF fellowship. Myriam is a PhD student at UH and her thesis project is an investigation of the potential of using the short-lived radionuclide ⁶⁰ Fe as a chronometer in the early solar system. Myriam uses the ion microprobe in the W. M. Keck Cosmochemistry Laboratory to measure samples of meteorites, looking for the decay products of ⁶⁰ Fe. Myriam has completed her comprehensive exams and her course work and is now working on her thesis.	1	30,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Barbara Bruno	Department of Oceanography	Ocean FEST & Ocean TECH: Geoscience for Hawaii's Future	We propose to launch a combined program of Ocean FEST (Families Exploring Science Together) and Ocean TECH (Technology Expands Career Horizons) events for Hawaii's students and their families.	1	95,465
NATIONAL SCIENCE FOUNDATION	Christopher Measures	Department of Oceanography	Collaborative on Oceanographic Chemical Analysis (COCA)	Organize an open science workshop from members of the Analytical Margaret Ruzicka Chemistry (AC) and the Chemistry Oceanography (CO) community in winter/spring 2013 in Hawaii	1	49,965
NATIONAL SCIENCE FOUNDATION	Donald Straney	Chancellor, UH Hilo	The Islands of Opportunity Alliance: Louis Stokes Alliance for Minority Participation	Increase the number of students from underrepresented groups graduating with bachelor's degrees in STEM fields by 75% during the five year grant period.	1	582,217

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	James Gaines	Office of the Vice President for Research	IMUA III:Pacific High Island Evolutionary Biogeography:Impacts of Invasive Species, Anthropogenic Activity and Climate Change on Hawaiian FocalSpecies	This capacity building proposal will enhance our science and technology capabilities for understanding and predicting how invasive species, anthropogenic activities and climate change impact the biodiversity, ecosystem function and current or potential human use of Hawaiian focal species and includes education, outreach and workforce components.	1	4,000,000
NATIONAL SCIENCE FOUNDATION	Judith Lemus	Hawaii Institute of Marine Biology (HIMB)	COSEE Island Earth	Establish a Center for Ocean Science Education Excellence in Hawaii as part of a national network of centers, and expand it to the Western Pacific (American Samoa, Guam, Commonwealth of the Northern Mariana Islands).	1	49,021
NATIONAL SCIENCE FOUNDATION	Leon Richards	Chancellor, Kapiolani Community College	TCUP Ecological Ahupuaa Monitoring in Urban Polynesia (TEAM-UP)	To establish a Native Hawaiian student support system modeled after an ahupuaa to increase the number of Native Hawaiian graduates in Life Sciences, ASNS degrees, and to prepare students for transfer to the University of Hawaii at Manoa or Hilo.	1	449,992
NATIONAL SCIENCE FOUNDATION	Louise Pagotto	Chancellor, Kapiolani Community College	Hawaii's Pre-Engineering Education Collaboration (PEEC)	Kapiolani CC is proposing development of a "Pre-engineering Education Collaborative" that will support 125 Native Hawaiian students completing baccalaureates at UHM College of Engineering.	1	999,961

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HARVARD UNIVERSITY	Jonathan Williams	Institute for Astronomy	Institute for Astronomy Support For Christopher Beaumont	Christopher Beaumont will be working with Harvard Professor Alyssa Goodman at the Harvard Center for Astrophysics (CfA) on a collaborative project as part of this PhD thesis research. He will be analyzing data from mauna Kea telescopes and comparing with numerical simulations and other observational data.	1	38,093
INDIANA UNIVERSITY	Peter M Onaka	Institute for Astronomy	Optical CCD Camera for the WIYN 0.9-m Telescope	Fabrication of 4K x 4K pixel CCD camera system for the WIYN 0.9-m telescope.	1	170,117

Gift, Grants, and Contracts for Aug 1, 2012 to Aug 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
WASHINGTON, UNIVERSITY OF	Vivek Nerurkar	Department of Tropical Medicine, Medical Micro and Pharm	Northern/Pacific Universities Global Health Research Training Consortium	This proposal is to establish the Northern/Pacific Universities Global Health Research Training Consortium -a Global Health Program for Fellows and Scholars. The goal is to provide outstanding mentored research training to post-doc and doctoral students.	1	111,698
Non-Research - Total					82	26,020,800
Overall - Total					192	60,114,707

Funds Received from UH Foundation for Aug 1, 2012 to Aug 31, 2012

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kenneth Nakamura	Department of Pediatrics	American Lung Association of Hawaii Endowed Chair in Neonatal Respiratory Health Fund	Salary and fringe for Physician-Scientist and Mentor.	1	13,180
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Robert McLaren	Institute for Astronomy	Beatrice Watson Parrent Fellowship in Astronomy	Salary support for Dr. Adam Bolton from the Beatrice Watson Parrent Fellowship Endowment at the Institute for Astronomy.	1	105,642
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Peter John Mouginis-Mark	Hawaii Institute of Geophysics and Planetology (HIGP)	Denise B. Evans Fellowships in Oceanographic Research	This award will provide GAs to two graduate students supported by a gift from the Denise B. Evans account at the UH Foundation.	1	56,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Ruth Mabanglo	Department of Indo-Pacific Languages	Filipino and Philippine Literature Programs	To provide support for the Third Filipino Global Language Conference	1	2,350
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Catherine Chan-Halbrend	Natural Resources and Environmental Mgt	Hauoli Mau Loa Graduate Assistantships	Hauoli Mau Loa GA To provide 3 graduate assistantships to students pursuing masters degree at UHM/CTAHR/NREM.	1	78,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Richard Frank Stewart	Department of English	Manoa Journal	Funds for staff salary and fringe benefits.	1	3,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Donald B Young	Curriculum Research and Development Group	Mizushima International Kimono Program	To conduct the project entitled: "Mizushima International Kimono Program"	1	10,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Darren Okimoto	Sea Grant College Program	Oio Tagging Project	To educate and raise awareness and understanding of the public, resource users, resource managers, and to provide species-specific information for decision-makers that utilize and manage local fisheries resources.	1	30,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Linda K. Johnsrud	Office of the VP for Academic Planning and Policy	P-20 Educational Outcomes	To pay for salary, fringe, and program costs for Hawaii P-20 staff to implement the Hawaii P-20 Initiative Strategic Plan.	1	2,603

Funds Received from UH Foundation for Aug 1, 2012 to Aug 31, 2012

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Mark McNally	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	To partially support the salary and fringe benefits for the Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History.	1	49,858

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Eva Ponte	Institute for Teacher Education	Activating Educators Focus on Family Engagement as Central to Teaching (AFFECT)	The purpose of this research is to document the preparation and examine the implementation of family engagement (FE) elementary teacher professional development modules as part of the Activating Educators Focus on Family Engagement as Central to Teaching (AFFECT) project.	1	40,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Thomas Jackson	Philosophy (UH Manoa)	Philosophy for Children Research Associate	The Philosophy for Children Research Associates will gather data and conduct research on the effectiveness of a proposed "Philosopher in Residence" initiative at two public schools in Hawaii	1	40,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Elizabeth Tam	Department of Medicine	Respiratory Health	Teach General Internal Medicine Ambulatory and inpatient care to medical students and medical residents, assist in clinical research, provide consultation care in inflammatory/immunologic disease develop/evaluate training programs.	1	20,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Marilyn F. Dunlap	Pacific Biosciences Research Center	Tree Snails Project	Funds will be used to conduct research on the genetics and molecular biology of Hawaiian invertebrates.	1	6,548
Overall - Total						14	457,681

**Extramural Research Awards for the Month
Aug 1, 2012 to Aug 31, 2012
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	3	845,700	2%
DHHS-Dept of Health and Human Services	14	11,280,682	33%
DOC-Dept of Commerce	14	4,663,905	14%
DOD-Department of Defense	3	519,337	2%
DOE-Dept of Energy	1	141,000	0%
DOI-Dept of Interior	9	827,292	2%
ED-Dept of Education	1	399,997	1%
Federal Agencies	1	113,955	0%
Foreign	3	161,565	0%
Hawaii- Business and Other	5	457,393	1%
Hawaii- Government Agencies	10	4,926,900	14%
Hawaii- Non-Profit Organizations	8	399,575	1%
Mainland- Business and Other	9	628,615	2%
Mainland- Health Organizations	2	96,060	0%
Mainland- Non-Profit Organizations	1	35,000	0%
National Aeronautics and Space Administration	3	213,000	1%
National Science Foundation	15	6,722,372	20%
US Colleges and Universities	8	1,661,559	5%
Overall - Total	110	34,093,907	100%

**Extramural Non-Research Awards for the Month of
Aug 1, 2012 to Aug 31, 2012
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	2	36,000	0%
DHHS-Dept of Health and Human Services	5	3,039,426	12%
DOC-Dept of Commerce	1	25,000	0%
DOD-Department of Defense	1	610,600	2%
DOI-Dept of Interior	6	187,094	1%
ED-Dept of Education	9	5,113,242	20%
Federal Agencies	3	349,018	1%
Foreign	5	2,252,942	9%
Hawaii- Business and Other	4	134,828	1%
Hawaii- Government Agencies	11	4,405,939	17%
Hawaii- Health Organizations	4	1,007,930	4%
Hawaii- Non-Profit Organizations	13	427,056	2%
Mainland- Business and Other	5	396,389	2%
Mainland- Non-Profit Organizations	2	1,458,807	6%
National Aeronautics and Space Administration	1	30,000	0%
National Science Foundation	7	6,226,621	24%
US Colleges and Universities	3	319,908	1%
Overall - Total	82	26,020,800	100%

**Year to Date Extramural Research Awards
Jul 1, 2012 to Aug 31, 2012
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	5	1,036,700	2%
DHHS-Dept of Health and Human Services	25	19,734,757	33%
DOC-Dept of Commerce	28	10,207,616	17%
DOD-Department of Defense	6	1,170,249	2%
DOE-Dept of Energy	2	208,669	0%
DOI-Dept of Interior	18	2,550,442	4%
ED-Dept of Education	4	1,348,081	2%
Federal Agencies	1	113,955	0%
Foreign	4	503,144	1%
Hawaii- Business and Other	8	621,597	1%
Hawaii- Government Agencies	20	6,712,941	11%
Hawaii- Non-Profit Organizations	15	863,089	1%
Mainland- Business and Other	11	618,076	1%
Mainland- Health Organizations	2	96,060	0%
Mainland- Non-Profit Organizations	4	301,615	1%
National Aeronautics and Space Administration	13	949,879	2%
National Science Foundation	34	9,559,010	16%
US Colleges and Universities	13	2,629,843	4%
Overall - Total	213	59,225,723	100%

**Year to Date Extramural Non-Research Awards
Jul 1, 2012 to Aug 31, 2012
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	7	370,665	1%
DHHS-Dept of Health and Human Services	8	3,791,391	7%
DOC-Dept of Commerce	6	2,680,180	5%
DOD-Department of Defense	2	1,375,527	2%
DOI-Dept of Interior	7	196,719	0%
ED-Dept of Education	23	10,723,850	18%
Federal Agencies	6	3,163,681	5%
Foreign	8	2,384,316	4%
Hawaii- Business and Other	6	161,698	0%
Hawaii- Government Agencies	37	8,649,788	15%
Hawaii- Health Organizations	26	11,120,867	19%
Hawaii- Non-Profit Organizations	25	790,420	1%
Mainland- Business and Other	10	477,688	1%
Mainland- Health Organizations	1	18,750	0%
Mainland- Non-Profit Organizations	7	3,443,334	6%
National Aeronautics and Space Administration	2	1,180,000	2%
National Science Foundation	11	6,853,053	12%
US Colleges and Universities	6	587,018	1%
Overall - Total	198	57,968,945	100%