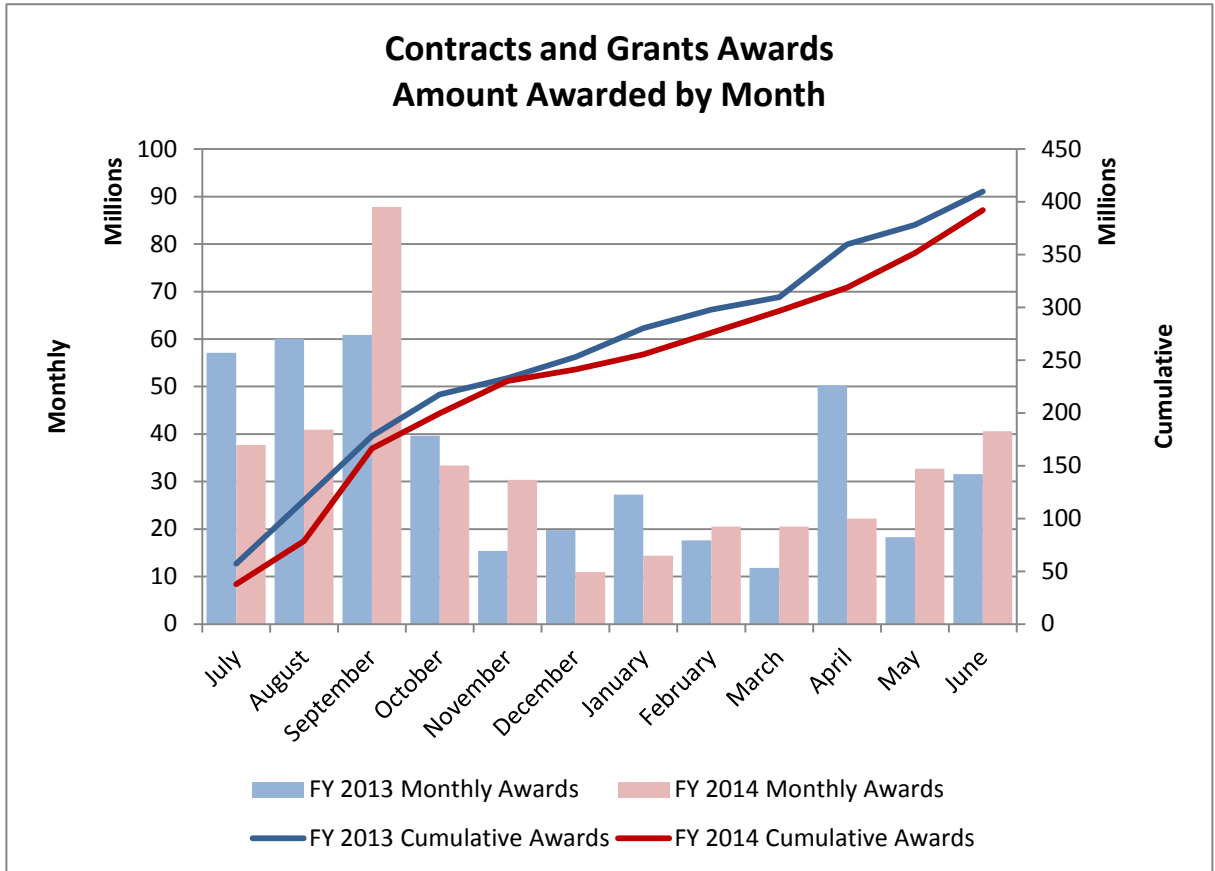
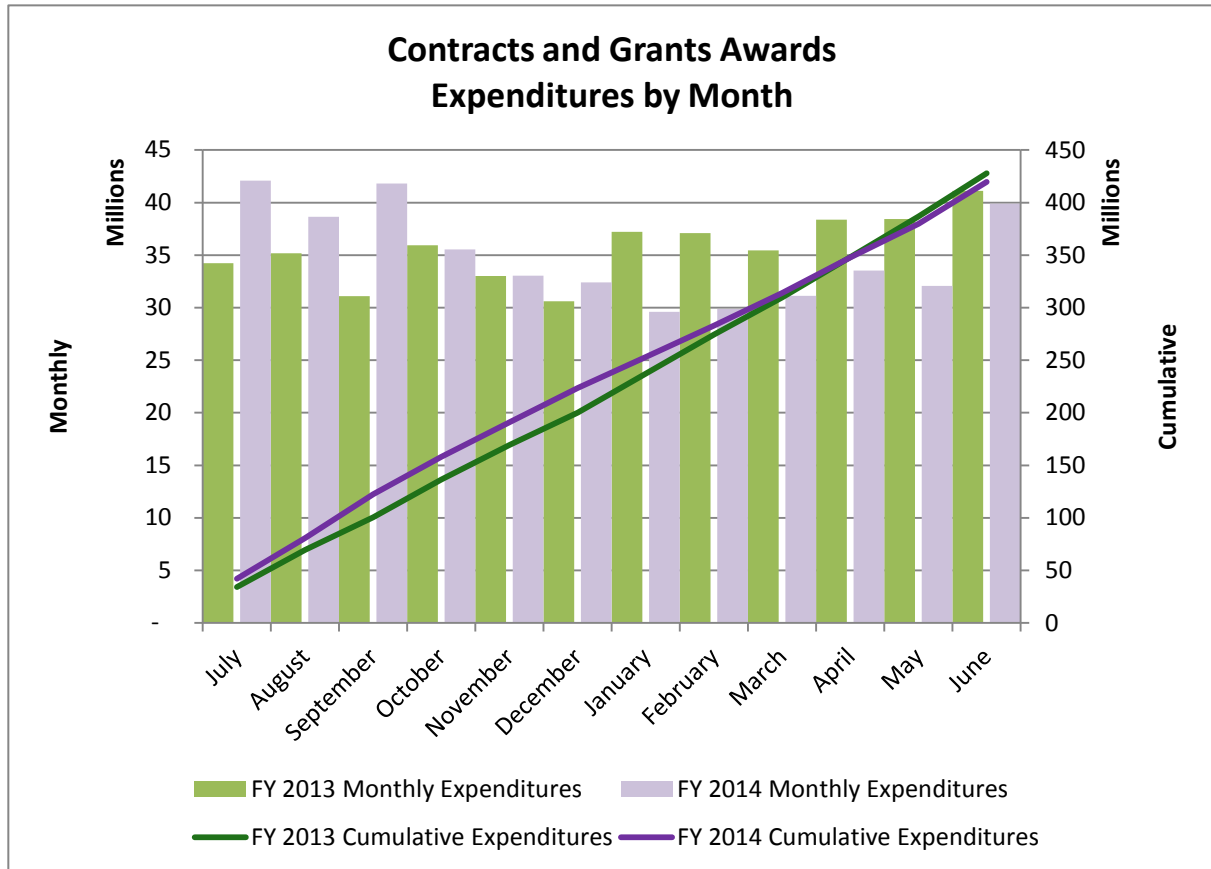


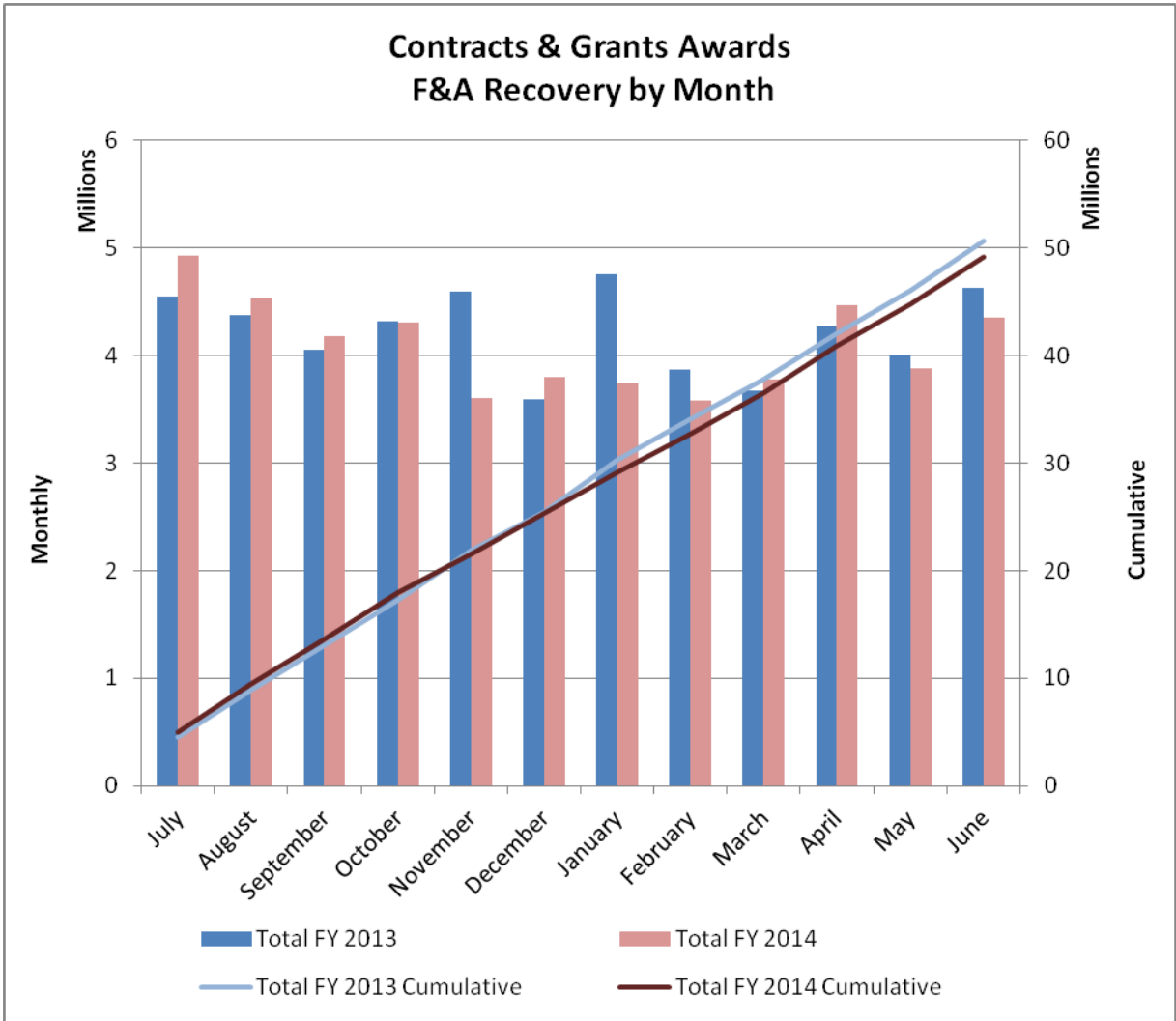
Contracts and Grants Awards
As of June 30, 2014



Contracts and Grants – Expenditures
As of June 30, 2014



Contracts and Grants Awards – F&A Recovery
As of June 30, 2014



Extramural Sponsor Awards Monthly Summary

<u>Program Type</u>	Jun 30, 2014		Jun 30, 2013	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Non-Research	87	\$15,350,420	81	\$14,971,093
Research	118	\$25,903,876	97	\$17,016,847
<u>Total</u>	<u>205</u>	<u>\$41,254,296</u>	<u>178</u>	<u>\$31,987,940</u>

Note: The detailed award listing is available at:

<http://www.ors.hawaii.edu/index.php/bor-reports>

The FY 2013 year-to-date total was: \$409,783,318

The unofficial FY 2014 year-to-date total is: \$392,314,955

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	Detection of Huanglongbing (Citrus Greening)		1	26,925
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	National survey of solanaceous crop pests		1	14,500
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	Survey of edible fig viruses in Hawaii	The aim of this project is to collect edible and ornamental fig samples from the major Hawaiian Islands and assay them for the presence of exotic viruses.	1	29,946
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	Survey of exotic cacao viruses in Hawaii		1	29,242
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	University of Hawaii's Huanglongbing Diagnostic Lab		1	5,428
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Susan Crow	Natural Resources and Environmental Mgt	Parameterization of Two Simulation models (ALMANAC and SWAT) in Hawaii with Subsequent Parallelization of the SWAT Model		1	44,618
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt	Assessing the effects of fragmentation, invasive species and climate change on forest fragments		1	34,980
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt	Impacts of land use and mangrove tree diversity on soil C stocks in SE Asian mangrove forests		1	89,634

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt	Monitoring Climate and the Impact of Rising Temperature on Belowground Processes	The proposed work will consist of managing a network of climate monitoring equipment located across a mean annual temperature gradient in the Hawaii Experimental Tropical Forest, including system calibration and data quality review and control. Funds will also support work to quantify temperature-related changes in soil carbon formation and decomposition rates through the placement of reconstructed soil cores into each of nine existing permanent plots across the gradient.	1	10,000
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt	Tropical tree improvement and conservation genetics		1	11,000

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	132,375
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Jeffrey Berenberg	Clinical Sciences	Hawaii Minority-Based Community Clinical Oncology Program	This award will provide funding to allow minority and underserved populations in Hawaii receive state-of-the-art cancer treatment and to participate in cancer prevention and control studies	1	100,152
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Peiwen Fei	Natural Products	Molecular Insights into the Fanconi Anemia Tumor Suppressor Signaling Pathway	The proposed experiments will uncover the role of a novel tumor suppressor gene, FANCD2-V1 in the maintenance of genome integrity in physiology and disease.	1	315,400
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ALLERGY/INF DIS	Peter Hoffmann	Department of Cell and Molecular Biology	Selenoprotein K Modulates Calcium- Dependent Signaling in Immune Cells		1	371,250
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ARTH MUSC SKIN	Angel Yanagihara	Pacific Biosciences Research Center	Early Metazoan Nano-Collagens for Promotion of Wound Healing	The proposal describes plans to develop a navel biomaterial discovered in the Hawaiian box jellyfish as a wound healing accelerant	1	24,222

DOC-Dept of Commerce

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATIONL INST STANDARDS &TECH-FED	Christopher Lepczyk	Natural Resources and Environmental Mgt	Quantifying Plastic Ingestion and Associated Organic Pollutants in Sea Turtles from the Pacific Ocean		1	67,367
COMMERCE, DEPT-NATL NOAA-FED	Alan Friedlander	Department of Zoology	Identifying indicators and thresholds for reef resilience in the Hawaiian Archipelago	With a massive, high resolution empirical coral reef dataset for the entire Hawaiian archipelago in hand, we will characterize regimes of coral reef community structure and show how these regimes have non-linear relationships to environmental drivers and key anthropogenic pressures. This will allow us to develop indicators of reef condition in relation to possible tipping points leading to regime change. This project will further our understanding of how and why the ecological states of coral reefs change across time and space, with critical insights into the processes underpinning reef resilience and the reciprocal relationships between functional groups in Hawaii. This information will improve management of coral reefs by providing tools for identifying a safe operating space for decision-making through the identification of indicator levels of anthropogenic drivers leading to thresholds in ecosystem components.	1	55,013
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	62,919
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Erik Franklin	Hawaii Institute of Marine Biology (HIMB)	Marine Invasive Species and Vector Pathways of the Pacific Marine National Monuments		1	89,998

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Georgeanne Friend	Chancellor, Kauai Community College	MINI-OBSERVATORIES FOR KAUAI REEF HEALTH SCIENCE, COMMUNITY SERVICE AND STEM OUTREACH	This project describes a concept for a near-shore, stand alone mini marine observatory that can be deployed at relatively low cost on or near the reefs of Kauai, providing long term data on coral reef health by collecting both sensory data on seawater properties and imagery of the organisms. In addition to providing observational and research data, the observatories have close connections to the local schools in that 12-18 year old students in the Kauai Junior Lifeguard program, and Kauai Community College electronics/pre-engineering and marine science students will be involved in the design, assembly, testing, placement, and monitoring of the mini-observatory, and data collection and analysis.	1	15,000
WESTERN PACIFIC REGIONAL FISHERY MGT COUNCIL	Erik Franklin	Hawaii Institute of Marine Biology (HIMB)	PHASE 1: Delineation of Essential Fish Habitat (EFH) for Coral Reef Ecosystem Management Unit Species in the Hawaiian Island Archipelago		1	50,000

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE	David Lassner	Office of the VP for Information Tech/Chief Info Officer	Operations and Management of the Maui High Performance Computing Center	Cost reimbursement award term contract for research development, operations and management of the Maui High Performance computing Center	1	150,000
DEFENSE, DEPT-AIR FORCE	David Lassner	Office of the VP for Information Tech/Chief Info Officer	Operations and Management of the Maui High Performance Computing Center	Time and cost extension to Task Order 42	1	1,849,472
DEFENSE, DEPT-DEPUTY UNDR SECRETARY OF DEF	David Lassner	Office of the Vice President for Research and Innovation	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	2,639,449
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael Bell	Department of Meteorology	Thermodynamic Constraints on Tropical Cyclone Intensity and Structure		1	45,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Whitlow Au	Hawaii Institute of Marine Biology (HIMB)	Understanding the foraging ecology of beaked and short-finned pilot whales in Hawaiian waters		1	130,249
DEFENSE, DEPT-NAVY SPACE & NAVAL WARFARE SYS CTR PACIFIC	David Garmire	Electrical Engineering	Graphene-Based Quantum Detectors	This project concerns sensor design, fabrication, and testing using graphene integrated with CMOS.	1	35,000

DOE-Dept of Energy

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Anne Hope Jahren	Department of Geology and Geophysics	Development of new Biomarkers for Surficial Earth Processes	To investigate: the stable isotope signature of terrestrial biomarkers, when contextualized according to the composition of whole organism and fortified with knowledge about general biochemistry, comprises a chemical signature that integrates over the lifetime of the organism, or the pedogenic development of the soil.	1	122,000
ENERGY, DEPT	Jelena Maricic	Department of Physics and Astronomy	Resolving Reactor Antineutrino Anomaly with Strong Antineutrino Source	CeLAND experiment will investigate the existence of sterile neutrinos, a new form of matter yet to be discovered. The search will be performed by deploying a 10^{15} Bq antineutrino source in a 1kton detector KamLAND in Japan. The existence of sterile neutrinos will be one of the most important discoveries of physics Beyond Standard Model.	1	150,000

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Korea University Research and Business Foundation	Samir Khanal	Molecular Biosciences and Bioengineering	Global Mapping of N ₂ O Emission from Aquaculture and Its Implications to Climate Change: Fate of N ₂ O in Water Recirculating Aquaponic Systems.	Aquaculture is a critically important component of global food production, which contributes to nearly 47-50 % of the total food fish harvested. Aquaculture is also an important industry in South Korea which is the 6th largest producer in the world. Concerns about nuclear-contaminated fish due to the recent radiation releases from Fukushima, Japan may lead to limitations on catching fish from the coast and will significantly increase the demand of fish/shrimp from aquaculture.	1	22,060

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				In aquaculture, unutilized protein-rich feed and nitrogen compounds in feces excreted by fish are metabolized into various forms of nitrogen such as ammonia, nitrite, and nitrate through nitrification and denitrification.		
PUERTO RICO MAYAGUEZ, UNIVERSITY	Angel Yanagihara	Pacific Biosciences Research Center	Coastal Ecosystem Assessment: Identification and Characterization of Cubozoans in Puerto Rico that Pose a Threat to Human Health		1	3,720

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HASEKO (EWA) INC	Ian Robertson	Civil and Environmental Engineering	Haseko Wall Specimen Tests	Three phases of testing and other services will be provided by the UH Structures Laboratory for the evaluation of holddown connectors repaired by welding.	1	27,960
PUNA GEOTHERMAL VENTURE	James Anderson	Chemistry (UH Hilo)	Geodetic Surveys at Kilauea Volcano		1	43,948

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-HI CIVIL DEFENSE	Kwok Fai Cheung	Department of Ocean and Resources Engineering	Tsunami Inundation Maps for Hawaii	Develop tsunami inundation maps for Hawaii.	1	165,701
HEALTH, DEPT-EXEC OFF AGING-HI	Kathryn Braun	Dept of Public Health Sciences and Epidemiology	HAPEE-9 Coordination and Evaluation of the Healthy Aging Partnership	To coordinate and evaluate the Healthy Aging Partnership, a statewide effort to offer evidence-based health promotion programs for older adults	1	80,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-HAZARD EVAL & EMERGENCY RESPONSE	Raymond Uchida	Agricultural Diagnostic Service Center	Characterization of Hazardous Substances	The purpose of this project is to provide The State of Hawaii, Department of Health, Hazards Evaluation and Emergency Response office (HEER) with quick-turnaround analysis of unknown chemicals in various sample matrices (gas, liquids and solids), consultation and technical assistance for emergency response and management, development of new analytical methods, and assist in the training of hazardous materials emergency responders. HEER personnel manage site assessment and sample collection, and deliver samples to the laboratory. University personnel characterize the samples and quantify toxic chemicals. Findings are reported to HEER personnel. Consultation regarding the analytical results is provided when appropriate and needed.	1	528,036
HEALTH, DEPT-TOBACCO SETTLEMENT-HI	David Nixon	Public Administration	Tobacco Settlement Project and Healthy Hawaii Initiative Reorganization	A contract with State of Hawaii Tobacco Settlement Project and Healthy Hawaii Initiative, Department of Health, to provide consultation on reorganization of these divisions. Over the next 12 months, PUBA will facilitate staff and leadership meetings, and provide consultation briefings A contract with State of Hawaii Tobacco Settlement Project and Healthy Hawaii Initiative, Department of Health, to provide consultation on reorganization of these divisions. Over the next 12 months, PUBA will facilitate staff and leadership meetings, and provide consultation briefings	1	23,960
HUMAN SERVICES, DEPT-HI	Selva Lewin-bizan	Family and Consumer Sciences	State Commission on Fatherhood Project		1	25,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Fish and Habitat Monitoring and Assessment: Year 3	Monitor and assess marine ecosystems by collecting and compiling data on fish communities, mobile invertebrates, reef benthos, and water temperature and turbidity around Hawaii Island.	1	14,196
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Kohala Coast Coral Recruitment Monitoring	Monitor coral larval or juvenile recruitment along the Kohala coast and analyze data to determine coral replacement rate.	1	6,107

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	WPPG14 Leeward Haleakala Watershed Restoration Partnership	Conduct restoration and management-based research in the watershed forests on Southern Haleakala	1	29,826
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Koolau Mountains Watershed Partnership Management Plan Implementation, FY 2011	Research and manage watershed conservation on the Koolau Mountains on Oahu.	1	150,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Native Ecosystems Protection and Management Oahu	Protect and manage the best remaining samples of Hawaii's native species and ecosystems in the Natural Area Reserves and Forest Reserves.	1	63,000
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	22,636
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Threatened and Endangered Species Recovery: Kauai	Conduct applied field research to promote recovery of Kauai's threatened and endangered plants.	1	69,650
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Coordination and Planning of the Kauai Nene Habitat Conservation Plan	Develop an island-wide Nene conservation strategy for Kauai.	1	298,651
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Endangered Maui Forest Bird Population Research and Management	Research and manage recovery efforts for endangered Maui forest birds, including the Po'ouli.	1	29,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Hono O Na Pali Natural Area Reserve	Protect and manage native species in the Hono O Na Pali natural area reserve on Kauai, with special consideration to the endangered Newell's Shearwater and Hawaiian Petrel.	1	101,407
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Hono O Na Pali Natural Area Reserve: Kauai Island: Seabird Monitoring	Conduct monitoring of endangered seabirds in the Hono o na Pali Natural Area Reserve.	1	102,742
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Ka'u Forest Reserve Management Plan Implementation	Implement management actions for Ka'u Forest Reserve to benefit watershed, native forest ecosystems, and to prepare the area as a potential release site for the endangered 'Alala or Hawaiian crow.	1	222,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kauai Endangered Forest Bird Conservation Research and Management	Continue research and field management to restore endangered Hawaiian forest birds on Kauai.	1	27,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	115,346
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Monitoring of Newell's Shearwater Colonies on Kauai	Monitoring of seabird colony activity and annual change of colony size through the use of song meters to assess the impact of predator control program.	1	18,069
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Oahu Invasive Species Control- Facilities and Response	Support for the Oahu Early Detection Program, specifically the survey and control of Miconia, Little fire ant, Coconut rhinoceros beetle, and Devil Weed.	1	74,930
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Predator Control for Newell's Shearwater Colonies on Kauai	Monitor and reduce overall predation rates by Barn Owls on Kauai seabird colonies.	1	64,318
LAND & NATURAL RESOURCES, DEPT (DLNR)	William Haines	Plant and Environmental Protection Sciences	Assessing impacts of predators and parasitoids on the Kamehameha butterfly, Vanessa tameamea		1	45,000
LAND & NATURAL RESOURCES, DEPT (DLNR)	William Haines	Plant and Environmental Protection Sciences	Characterizing pheromones for the koa looper moth Scotorythra paludicola		1	10,824
LAND & NATURAL RESOURCES, DEPT (DLNR)	William Haines	Plant and Environmental Protection Sciences	Yellow-faced bee nest habitat enhancement		1	58,622

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
QUEEN'S HOSPITAL MEDICAL CENTER	Elizabeth Tam	Department of Medicine	GI Stromal Tumor Epidemiology	To improve prevention and treatment outcomes for GISTs.	1	34,692

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Andre Bachmann	Pharmaceutical Sciences	Optimization of Pediatric Neuroblastoma Treatment through Bimodal Anti-Tumor Therapy using SPR and ODC Inhibitors	Proposal is to identify a synergistic bimodal anti-tumor therapy against pediatric neuroblastoma, a fatal and aggressive pediatric cancer of the nervous system. More specifically, we propose to study drugs that specifically target sepiapterin reductase (SPR) or ornithine decarboxylase (ODC), two key	1	40,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				enzymes that we recently showed contribute significantly to neuroblastoma tumorigenesis (J Mol Biol, 2014, 426:332-346). Our central hypothesis is that the combination of two drugs that specifically target SPR and ODC will be highly effective in killing neuroblastoma tumor cells by blocking both polyamines (via ODC) and nitric oxide (via SPR) pathways. To verify our hypothesis, we propose to 1) determine the anti-tumor potency of SPR inhibitors alone and in combination with ODC inhibitor DFMO on neuroblastoma cell killing and 2) measure pharmacological parameters (ADME/ PK profiles) of SPR inhibitor combinations in our preclinical models.		
HAWAII COMMUNITY FOUNDATION GEIST FDTN	Monika Ward	Institute for Biogenesis Research	Minimal Y Chromosome Contribution Needed for Formation of Functional Sperm	This project aims to identify the minimum Y chromosome gene complement that would allow the formation of sperm functional in intracytoplasmic sperm injection (ICSI).	1	50,000
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Linda Connelly	Pharmaceutical Sciences	Subtype specific effects of OPG expression in breast cancer: defining target patient populations	Breast cancer subtype is determined by looking at the receptor proteins expressed on the surface of the tumor cells - Estrogen Receptor, Progesterone Receptor and Human Epidermal Growth Factor Receptor 2. 15% of patients have breast tumors that do not express any of these receptors. These tumors are known as the triple negative subtype. These tumors grow faster and are more likely to spread resulting in a poorer prognosis for the patients. We have demonstrated a tumor-promoting effect of the protein Osteoprotegerin (OPG) in triple negative breast cancer cells. Our data has now led us to pose the question - are the effects of OPG specific to this breast cancer subtype? In order to determine this we will perform studies looking at the expression levels and role of OPG in behavior of cells from all breast cancer subtypes. If tumor-promoting effects occur only in the triple negative subtype then this indicates a selective therapy and/or biomarker for this patient population.	1	40,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Susan Jarvi	Pharmaceutical Sciences	A pilot study to determine the prevalence of human rat lungworm infection in East Hawaii Island	Currently there are no diagnostic tests for RLWD available in Hawaii and prevalence of infection is unknown. We propose to optimize a dot-blot ELISA based on a 31 kDa protein to test sera from volunteer participants for the presence of antibodies against <i>A. cantonensis</i> . We also propose to test blood samples for the presence of parasite DNA by qPCR. Whole blood samples will be collected at Puna Medical Center. A sample of whole blood will be placed in DNA lysis buffer for DNA extraction for qPCR tests. Plasma will be isolated from the remaining blood sample and parasite-specific antibody titers determined. These samples will be used to conduct a prevalence study based in the Pahoehoe area of East Hawaii Island. We propose to conduct a survey including questions documenting symptoms, treatments and long-term disability due to RLWD as well as exposure information through a self-reported questionnaire. This is an important step in documenting the impacts and chronic effects of RLWD.	1	50,000
LEAHI FOUNDATION (HCF)	Deborah Juarez	Pharmacy Practice	Cost-effectiveness of e-cigarette regulation		1	30,000
TRI-ISLE RES CONSERVATION & DEV COUNCIL	David Duffy	Department of Botany	Maui Nui Seabird Recovery Project	Collect and evaluate data on the ranging behaviors of main Hawaiian Island seabirds, including the endangered Hawaiian Petrel and the Wedge-Tailed Shearwater.	1	10,378
UNIVERSITY HAWAII FOUNDATION	David Karl	Center for Microbial Oceanography, Research and Edu (C-MORE)	Simons Collaboration on Ocean Processes and Ecology	We propose to establish such a collaborative effort that will measure, model, and experimentally manipulate a complex system representative of a broad swath of the North Pacific Ocean.	1	3,007,500
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	13,500

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	James Dator	Political Science (UH Manoa)	Graduate Research Assistant	Project will meet the academic needs of the department. Research Assistant duties will include managing the Hawaii Research Center on Futures Studies and the Center's website.	1	20,000
UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research		1	43,750
UNIVERSITY HAWAII FOUNDATION	Leslie Watling	Department of Biology (Biology Program)	Deep Sea Corals Miscellaneous Research Expenses	This project involves research on deep sea corals and will result in the naming and description of new species collected around the NW Hawaiian Islands and elsewhere.	1	8,500

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	791
Dupont Danisco Animal Nutrition	Rajesh Jha	Human Nutrition, Food and Animal Sciences	Effect of Feed Additives on Digestibility and Growth Performance of Broilers Fed High and Low NSP Diets	Several studies report poor growth performance of broiler fed fibrous diets, primarily due to low digestibility of nutrients. However, use of feed additives has shown to enhance the digestibility of nutrients and improved gut health. This project will test 2 feed additives to determine their effects on digestibility of nutrients and growth performance of broiler chicken.	1	7,995
Global Broadband Solutions, LLC	Joel G Ogren	Applied Research Laboratory	Tactical Undersea Network Architectures (TUNA) TA1	Assist in the design and development of an optical network with RF links for submarine communications.	1	1,205,976

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
PracticeWise LLC	Charmaine Higa Mcmillan	Psychology (UH Hilo)	Distance Learning for Paraprofessionals in Evidence-Based Mental Health Treatment for Youth (Practicewise Non-Competitive Contract)	<p>The availability of the best evidence-supported mental health treatments for youth is severely limited by the intensive, expensive nature of the provider training programs for these treatments, especially for rural, underserved populations and because provider training programs often target professionals with graduate degrees. The proposed work aims to enhance the affordability and accessibility of these evidence-based programs by developing an online training program for mental health paraprofessionals to be integrated with the Managing and Adapting Practice (MAP) system, a program developed by PracticeWise, LLC. The MAP is designed to improve the quality, efficiency, and outcomes of childrens mental health services by giving clinicians easy access to the most current scientific information and by providing user-friendly measurement tools and clinical protocols. Using an online database, the system can suggest formal evidence-based programs or, alternatively, can provide detailed recommendations about discrete components of evidence-based treatments relevant to a specific youths characteristics. Whether services are delivered through existing evidence-based programs or assembled from components, the MAP system also adds a unifying evaluation framework to track outcomes and practices. The PI will (1) provide leadership and liaison to University partners of PracticeWise (e.g., the University of California, Los Angeles; University of Maryland, Baltimore) regarding the training, use, and research/evaluation of common elements skills by behavioral health professionals and paraprofessionals; (2) assist in the development and revision of training materials related to PracticeWise systems and services, including but not limited to production of Practitioner Guides, rationale appropriate for paraprofessionals, video of voice over slides for training, knowledge tests, and train-the-</p>	1	15,281

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				trainer process and guides; and (3) provide consultation or training services via telephone		
SMITHSONIAN ASTROPHYSICAL OBSERVATORY	Guenther Hasinger	Institute for Astronomy	Looking for Early Black Holes in Cosmic Backgrounds		2	44,997

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN CHEMICAL SOCIETY-PETROLEUM RSCH FUND	William Chain	Department of Chemistry	Metal-Free Functionalization of Aromatic Rings	New bond formations are proposed that enable the synthesis of complex nitrogen-containing aromatic compounds. The new bond formations are enabled by exploiting the reactivity of these compounds at nitrogen, which typically is viewed as a liability in work with these materials. The temporary functionalization at nitrogen is then relayed to the aromatic ring forming the new bonds of interest. This work will support new programs in aromatic functionalization methods and alkaloid synthesis.	1	110,000
ASSOCIATION UNIVERSITIES RESEARCH IN ASTRONOMY, INC.	Jeffrey Kuhn	Institute for Astronomy	CRYO-NIRSP Construction	This proposal is for the continuation of the Cryo-NIRSP instrument development project. Cryo-NIRSP is a 0.5-5 micron, resolution 100,000, precision spectropolarimeter for the Daniel K. Inouye Solar Telescope (DKIST-formerly known as ATST). Its spatial resolution is diffraction limited at the long wavelength end of its performance and it is optimized for low scattered light performance for coronal and solar disk long slit observations. The instrument is cryogenically cooled and based around multiple Hawaii-2 detectors. This proposal encompasses the Construction Phase of the project, and it will end with delivery of the actual instrument to the DKIST facility on Haleakala.	1	3,739,079

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
BATTELLE MEMORIAL INSTITUTE	Gary Varner	Department of Physics and Astronomy	US Belle II Project Subcontract	Conduct a process of design, development, testing, and refinement of a prototype readout system for the imaging Time-Of-Propagation (iTOP) system for Belle II detector.	1	219,127
Marine Biological Laboratory	Brian Glazer	Department of Oceanography	Identifying C-Fe-Mn Interactions within Suspended Particulates in Hydrothermal Basement Fluids		1	15,022
NATIONAL FISH & WILDLIFE FOUNDATION	Robert H. Richmond	Pacific Biosciences Research Center	Measuring the Effectiveness of Watershed Mitigation Activities on Hawaiian Coral Reefs	Coral reefs throughout the world are in decline from a variety of both human and natural sources of disturbance. Land-based sources of pollution has been identified by the U.S. Coral Reef Task Force and the NOAA Coral Reef Conservation Program as one of the top three priority areas for management-directed actions. There are several watershed mitigation projects underway in the U.S. and affiliated jurisdictions focused on reducing impacts of discharges on coastal reefs, but there has been a notable absence of quantitative performance measures to determine the effectiveness of associated management-directed activities. Recent research, some of which has been supported by funds from the National Fish and Wildlife Foundation, has demonstrated molecular biomarkers of exposure in corals can address the key management needs for assessing watershed discharge impacts on coastal coral reef ecosystems and can also be used for the development of performance measures on the effectiveness of management activities. Molecular biomarkers of exposure, proteins produced by exposed corals to particular classes of stressors, will be used qualitatively and quantitatively to measure the effectiveness of watershed-based mitigation activities on coral health and resilience. The four categories of biomarkers will include those that are indicative of metabolic condition, DNA damage and repair, oxidative stress (associated with sedimentation) and toxicant exposure.	1	74,963

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Society for Simulation in Healthcare Research Committee	Jannet J Lee-Jayaram	John A. Burns School of Medicine	Instructional Design by Novices: Emergent themes for effective scenario development	We propose to evaluate educational design which employs iterative cycles of development, implementation and analysis for curriculum revision to optimally meet goals and objectives. The overall goal of this project is to provide data which will inform development of frameworks and guidelines for scenario design by novices in healthcare simulation. Such frameworks and guidelines have been proposed, however there are no published studies based on data gathered and analyzed during the scenario design process. The specific objectives of this project are to identify common design modifications during iterative alpha/beta test scenario design processes by novice simulation designers and to synthesize these modifications into specific themes. Incorporating identified themes in scenario design frameworks may enhance scenario design, allowing novice designers to avoid common pitfalls and concentrate on key themes early in the iterative design process. We plan to systemically collect data regarding scenario design modification during the two mature courses for novice simulation healthcare educators from diverse healthcare disciplines, FunSim and iSIM. Both programs integrate workshops during which participant teams design simulated healthcare scenarios using iterative analysis with formal α and β testing followed by a faculty debriefing of scenario design. We will analyze data regarding scenario design changes following α and β testing applying a grounded theory m	1	5,000
TEMPLETON (JOHN) FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	God-Realism Connection in Indian and Analytic Philosophy 2014	Resulting in three major journal articles, a book, an international workshop, and three years of graduate pre-doctoral research, this project investigates the logical and conceptual links between classical Indian and contemporary Western Realism (versus Anti-realism) about the Physical World and belief (or disbelief) in an Omniscient God-Consciousness.	1	199,862

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Alexander Krot	Hawaii Institute of Geophysics and Planetology (HIGP)	Alteration of Ordinary Chondrites and the Origin of Ferroan Olivine in their Matrices and Fine-Grained Chondrule Rims	We will perform thermodynamic analysis of these assemblages attempting to discover the potential for life elsewhere.	1	107,000
NATIONAL AERONAUT & SPACE ADM	Bernard Hawke	Hawaii Institute of Geophysics and Planetology (HIGP)	Regional Planetary Image Center	This is a proposal for the support and operation of the Pacific Regional Planetary Image Center.	1	67,100
NATIONAL AERONAUT & SPACE ADM	Bridget R Smith-Konter	Department of Geology and Geophysics	Strike-slip Faulting Processes on Ganymede: Morphological Inferences and Failure Mechanics	The goal of this research is to advance our knowledge of the structural and evolutionary history of Ganymede through synthesis of fundamental geological inferences of strike-slip faulting processes on the satellite with sophisticated models of failure mechanics. To do so, we propose to investigate and document the range of strike-slip deformation on Ganymede and quantitatively model shear failure of faults as related to the most likely secular stress mechanisms (non-synchronous rotation, true polar wander, and internal differentiation) along with diurnal stresses (which may have had a significant role during a past high-eccentricity era).	1	42,504
NATIONAL AERONAUT & SPACE ADM	Edward Robert Dalton Scott	Hawaii Institute of Geophysics and Planetology (HIGP)	Origins, Thermal Histories, and Impact Records of Iron Meteorites, Chondrites, and their Parent Asteroids	Our objective is to learn more about the formation of asteroids and planets by studying the record preserved in meteorites of the igneous, metamorphic and impact processes operating during the early stages of solar system history	1	200,000
NATIONAL AERONAUT & SPACE ADM	Gary Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Chemical and Isotopic Investigations of Presolar and Early Solar System Materials		1	166,000
NATIONAL AERONAUT & SPACE ADM	Gary Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Elemental and Isotopic Abundances in Solar Wind from SIMS Analysis of Genesis Collectors		1	75,000
NATIONAL AERONAUT & SPACE ADM	Gary R. Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Isotopic Analysis of Stardust Samples by Ion Microprobe	We will use the UH Cameca ims 1280 ion microprobe to make isotopic measurements of comet samples that were returned by NASA's Stardust Mission to comet Wild 2.	1	135,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Hope Ami Ishii	Hawaii Institute of Geophysics and Planetology (HIGP)	Nebular and Parent Body Materials Processing in Early Solar System Solids II: Formation and Alteration Studies by FIB-(S)TEM - Hawaii		1	80,928
NATIONAL AERONAUT & SPACE ADM	John Phillip Bradley	Hawaii Institute of Geophysics and Planetology (HIGP)	Amorphous Silicates and Organic Carbon at the Nanometer Scale in Chondritic Meteoritic Materials		1	94,858
NATIONAL AERONAUT & SPACE ADM	John Tonry	Institute for Astronomy	ATLAS - Asteroid Terrestrial-impact Last Alert System	ATLAS will 1) provide useful warning for most Earth-impacting asteroids of 50m size or larger, 2) detect about one, small, Earth-impacting asteroid per year, 3) discover low delta-v asteroids, 4) determine shape parameters and spin periods of thousands of asteroids from hundreds of observations per year, and 5) obtain instantaneous color measurements of every observed object.	1	1,045,388

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Kimberly Binsted	Information and Computer Sciences	Key contributors to the maintenance and regulation of team function and performance on long duration exploration missions	<p>HI-SEAS (Hawaii Space Exploration Analog and Simulation) is a habitat on an isolated Mars-like site on the Mauna Loa side of the saddle area on the Big Island of Hawaii at approximately 8200 feet above sea level. HI-SEAS is unique, in addition to its setting in a distinctive analog environment, as:</p> <ul style="list-style-type: none"> - we select the crew to meet our research needs (in serendipitous analogs, such as Antarctic stations, crew selection criteria are not controlled by researchers); - the conditions (habitat, mission, communications, etc.) are explicitly designed to be similar to those of a planetary exploration mission; - the site is accessible year round, allowing longer-duration isolated and confined environment studies than at other locations; - the Mars-like environment offers the potential for analog tasks, such as geological field work by human explorers and/or robots. <p>The ability to select crew members to meet research needs and isolate them in a managed simulation performing under specific mission profiles makes HI-SEAS ideal for detailed studies in space-flight crew dynamics, behaviors, roles and performance, especially for long-duration missions. To take advantage of this capability, the research in this proposal addresses the IRP Gap Team1: We need to understand the key threats, indicators, and life cycle of the team for autonomous, long duration and/or distance exploration missions. In particular, we will conduct a ground-based investigation to measure and track the factors expected to have significant impacts on team function and performance, and assess that impact, over three high-autonomy missions of differing durations (four, eight, and twelve months).</p> <p>During crew selection for each mission we will measure participants cognitive capacities,</p>	2	166,981

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				communication skills, preferred communication strategies, interpersonal strategies, coping strategies, mission and crew role specific knowledge, and planning and collaborative problem solving ability. During the missions we will mo		
NATIONAL AERONAUT & SPACE ADM	Paul Grandmont Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	The Mafic Component of the Lunar Crust	Data from recent lunar satellites will be used to understand the history of the Moon.	1	119,243
NATIONAL AERONAUT & SPACE ADM	Ryan Ogliore	Hawaii Institute of Geophysics and Planetology (HIGP)	Isotopic Analyses of Stardust and Hayabusa Samples by Secondary Ion Mass Spectrometry		1	100,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Alexander N Shor	School of Ocean and Earth Science and Technology	R/V Kilo Moana Ship Operations 2012-2016	Operation of research vessel R/V Kilo Moana in support of NSF funded ocean science	1	2,787,400
NATIONAL SCIENCE FOUNDATION	Bruce Frank Houghton	Department of Geology and Geophysics	Relationships between eruption rate, tephra dispersal and total grain size at Hekla volcano, Iceland: enhancing the source term for tephra modeling.	A study of the dispersal of ash from recent eruptions of Hekla volcano, designed to improve models used to predict ash plumes for the aviation industry.	1	116,119
NATIONAL SCIENCE FOUNDATION	Bruce Houghton	Department of Geology and Geophysics	Strombolian and Hawaiian Explosions: New Insights From Synchronizing Videos and Exsolved Volatiles		1	86,462
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	393,000
NATIONAL SCIENCE FOUNDATION	Ho Leung Ng	Department of Chemistry	Seeing the invisible: Locating hydrogen atom positions in protein crystal structures	We will identify and locate hydrogen atoms in protein structures using the proposed computational approach we call HyPO (Hydrogen Prediction and Observation) on X-ray and neutron diffraction data. We will test HyPO by solving the neutron crystal structure of the photosynthesis protein ferredoxin.	1	350,620
NATIONAL SCIENCE FOUNDATION	Jason Leigh	College of Natural Sciences	EAGER: Collaborative: Articulate: Augmenting Data Visualization With Natural Language Interaction	Project will research and develop a means to translate natural language queries automatically into visualizations.	1	58,479

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Jelena Maricic	Department of Physics and Astronomy	Collaborative Research: Commissioning and Operation of DarkSide-50 at LNGS	This is proposal to seek funding to participate on the DarkSide experiment in the Gran Sasso laboratory in Italy. Specifically, funds are requested to build a calibration device and deploy it in the detector.	1	55,000
NATIONAL SCIENCE FOUNDATION	John Rayner	Institute for Astronomy	Collaborative Research: A Data Reduction Tool for iSHELL		1	48,000
NATIONAL SCIENCE FOUNDATION	Robert Thomson	Department of Biology (Biology Program)	Collaborative research: Bayesian model checking for phylogenetics in the post-genomic era	The purpose of this work is to provide researchers with the necessary statistical and software tools to avoid biased inferences arising from phylogenomic and comparative datasets. We will develop new methods that objectively measure inferential reliability using a flexible model-checking framework. Assessment of model performance via model-checking is a standard part of the statistical toolkit in other areas of inference. Curiously, phylogenetic studies almost never employ this critical step and the field has consequently experienced difficulty detecting problems in the analysis of empirical data. We are proposing to develop new statistical tools that will alleviate this limitation.	1	181,956
NATIONAL SCIENCE FOUNDATION	Ruth Gates	Hawaii Institute of Marine Biology (HIMB)	RAPID Collaborative Research: Tracking coral reef impacts of the 2014/2015 El Nino event		1	115,886
NATIONAL SCIENCE FOUNDATION	Samantha Stevenson-michener	Department of Oceanography	RAPID Collaborative Research: Ground Truthing Coral Proxy Reconstructions of ENSO by Observing the 2014-15 El Nino		1	73,012

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Shadia Habbal	Institute for Astronomy	SHINE: Investigating the Dynamics of Coronal Mass Ejections from the Sun using Advanced Image Processing and Stereoscopy Techniques	Coronal mass ejections (CMEs) represent the largest, most dynamic phenomena that originate from the Sun. They are the manifestation of the shedding of solar magnetic flux and helicity, peaking in their intensity and frequency of occurrence at times of solar maximum. Given their potentially hazardous impact on Earth's geomagnetic environment, the physics governing their eruption and propagation needs to be understood. This proposal seeks to obtain new insight into the detailed structure and evolution of CMEs, using newly developed coronal image processing (CORIMP) and stereoscopic techniques (namely elliptical tie-pointing) on multiviewpoint observations of the solar corona.	1	85,000
NATIONAL SCIENCE FOUNDATION	Thomas Shea	Department of Geology and Geophysics	Pursuing the Nucleus: Experimental, Theoretical, and Analytical Investigations of Bubble and Crystal Formation in Magma	Magmas are composed of three main components, melt, minerals, and a vapor phase. The formation of minerals (or crystals) and of the vapor phase (bubbles) influences the behavior of magmas because they modify their physical properties (e.g., viscosity, fluidity, volume), ultimately controlling what type of eruption will occur. Crystal and bubble formation occurs via a process of nucleation, during which the crystal and vapor-forming components aggregate to a critical size. These nuclei grow by addition of components to the new melt-crystal or melt-bubble interface. This proposal aims to better understand crystal and bubble formation via experimental and analytical approaches.	1	107,875
NATIONAL SCIENCE FOUNDATION	Yi Zuo	Mechanical Engineering	CAREER: Biophysical Mechanisms of Pulmonary Surfactant and its Interactions with Therapeutic Agents	The objective of this proposal is to study biophysical properties of self-assembled pulmonary surfactant films and to use these films as an in vitro model of studying surfactant-drug interactions.	1	80,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Yuqing Wang	International Pacific Research Center (IPRC)	Toward improved understanding of rapid intensification (RI) of tropical cyclones	<p>The rapid intensification (RI), which involves interactions between the inner core dynamics and the large-scale environment and among different spatial and temporal scales, is still one of the least understood phases of a tropical cyclone (TC). In this proposed research, we will conduct an investigation focusing on the intensification rate of a TC and the triggering mechanisms of the RI phase based on idealized and real-case simulations and diagnostic and budget analyses using cloud-resolving models. Previous studies have already shown that the rapid formation of a warm core in the upper troposphere is the key to the RI onset of a TC. Therefore we will explore processes that lead to the rapid formation of the upper-tropospheric warm core in TCs. We will address the following three scientific questions:</p> <ul style="list-style-type: none"> &#61548; Given favorable tropical ocean conditions, is the intensification rate of a TC externally or internally determined and can an environmental flow or synoptic-scale forcing increase the intensification rate that a TC could have without those forcings? &#61548; How do the three-dimensional (3D) structure (including the size) and intensity of a TC vortex determine the efficiency of the upper-tropospheric warming and thus the intensification rate of the TC itself? &#61548; How are convective bursts and hot towers triggered and how do they lead to the upper tropospheric warming over the storm core prior to and during the RI? <p>To answer these questions, we will use the TC modelTCM4 developed by the PI and the advanced Weather Research and Forecasting (WRF) model developed at NCAR to conduct a series of idealized and real-case simulations and perform diagnostic and budget analyses to verify our hypotheses, identify the physical mechanisms responsible for the RI. We will develop a conceptual model for better understanding the dynamics of the TC RI. We will also define non-dimensional parameters</p>	1	102,918

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				as measures of the 3D structure, size and intensity of the TC vortex and t		

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Operational Support of Infrasonic Station I59US of the International Monitoring System (IMS)	Operate, maintain and upgrade/sustain the I59 infrasonic site in Hawaii.	1	75,000
FLORIDA, UNIVERSITY OF CENTRAL	Richard Rocheleau	Hawaii Natural Energy Institute (HNEI)	Electric Vehicle Transportation Center		1	299,582

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MARYLAND, UNIVERSITY OF	Carol Jo Boushey	Cancer Etiology	Domoic Acid Neurotoxicity in Native Americans	Over the past 30 years there has been a dramatic increase in the number of harmful algal blooms (HAB's) in coastal waters throughout the world. As a result, there are more toxic algal species, more algal toxins and more geographic areas impacted than ever before. When these toxic species proliferate, they may cause massive kills of fish and shellfish, wildlife mortality, human illness and death. One of these marine organisms, pseudo-nitzchia produces a neurotoxin, Domoic Acid (DA). Most of what we know about the human health effects of Domoic Acid has been derived from a single documented outbreak in Montreal Canada in 1987. Persons who ate mussels with high levels of DA suffered serious medical illnesses, including seizures and coma, and 3 people died. Survivors were left with a profound memory disorder, Amnesic Shellfish poisoning (ASP). Based upon animal models, regulatory levels of DA in shellfish were established. Within the past 17 years, DA levels have been close to or exceeded these safety levels at razor clam harvesting beaches on Native American Reservations in the Pacific NW. Recent data indicate that this population is currently at risk for significant, but preventable, neurobehavioral impairment (ASP) from razor clam consumption, with memory problems ranging from the low average to amnesic range. There appears to be a dose- response relationship between exposure and memory problems and the base rate of persons meeting the criteria for severe memory impairment, or	1	122,000
MARYLAND, UNIVERSITY OF	Daniel Schar	Hawaii Institute of Marine Biology (HIMB)	Alliance for Coastal Technologies - Pacific Partner	Test and evaluate sensor technology for coastal moorings. Provide outreach activities to help assess instrumentation needs for Integrated Ocean Observing System and other coastal management needs.	1	175,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MASSACHUSETTS INSTITUTE OF TECH	Stephen Martel	Department of Geology and Geophysics	Probing the Effects of Topography on Bedrock Fracture in the Shallow Subsurface		1	16,625
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	42,679
Research - Total					118	25,903,876

Non-Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Agriculture, Dept - Animal and Plant Health Inspection Service	Arnold Hara	Plant and Environmental Protection Sciences	Educational Initiative for Improving Risk Identification and Pest Detection in Hawaii - Year 2		1	55,000
AGRICULTURE, DEPT, FOREST SVC-FED	Kenneth Kaneshiro	Pacific Biosciences Research Center	Sustain Hawaii Conservation Alliance	Sustain the Hawaii Conservation Alliance by organizing the Hawaii Conservation Conference; organizing workshops utilizing Hawaii's available research resources and publishing results; and developing efficient communication of relevant research findings to the manager's of Hawaii's natural resources.	1	10,000

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Cynthia Hunter	Marine Option Program	UH Manoa Marine Option Program Support	Support UH Marine Option Program Director (25%), Manoa Coordinator, Student Coordinator, Student Office Assistants, travel, grant management training, field and office supplies, and study center computers/software	1	200,000
COMMERCE, DEPT-NATL NOAA-FED	David Lassner	Office of the VP for Information Tech/Chief Info Officer	N-WAVE Connectivity to the University of Hawaii	The objective of this project is to provide connectivity and related services that support connectivity for NOAA in Hawaii to NOAA's national research and supercomputing N-Wave network.	1	114,315

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	E. Gordon Grau	Sea Grant College Program	Pacific Islands Coastal Storms Program Education and Outreach Cooperative Agreement	NOAA CSP Supplement, Amendment 15.	1	83,320
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Kelley Lynn Anderson Tagarino	Sea Grant College Program	Supporting Pacific Islander Capacity Building Through Training in Underwater Surveying Techniques		1	15,000
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Michael Hamnett	Social Science Research Institute	'Ike Kai - Increasing Marine Science and Traditional Fisheries Knowledge	The goal of the 'Ike Kai curriculum project is to build capacity for community stewardship by increasing Makai Watch volunteersâ baseline knowledge of marine science and marine resource management, including traditional and modern use and stewardship. The project will develop a curriculum and implement in-person trainings of the curriculum to 8 Makai Watch communities across the state. To make the curriculum training relevant to each unique community, place-based material including a field kit to support outreach and monitoring activities will be provided to each group. To expand the utility of the 'Ike Kai curriculum, an analysis of how the curriculum could be expanded to other marine stewardship initiatives will be included.	1	14,923
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Pelikaokamana' Bertelmann	Sea Grant College Program	Multicultural Marine Conservation Exchange Phase II Project: Community Event Series and Videography		1	15,000
COMMERCE, DEPT-NOAA/NATL MARINE FISHERIES SVC	Sierra M Tobiason	Sea Grant College Program	Coastal Water Monitoring Tool Kit - (C-Water Kit)		1	15,000

ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Brandon Chun	Chancellor, Kapiolani Community College	TRIO Student Support Services	TRIO funds provide support for personnel and stipends for Kapiolani CC's TRIO Student Support Services Program.	1	322,351

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Catherine Bio	Chancellor, UH Maui College	Maui County Educational Opportunity Center	Provide college access services-career exploration, college and financial aid information and application assistance to predominantly low-income, first generation Maui County residents.	1	426,991
EDUCATION, DEPT-FED	James Mellon	Vice Chancellor for Student Affairs	Navigating the Success of Pacific Islanders	The project aims to facilitate and improve the success of Pacific Islanders through two major activities: 1) Developing and implementing a comprehensive, culturally informed student support program designed to strengthen student learning, engagement, and success, and 2) Conducting and disseminating research into best practices for facilitating their success	1	398,227
EDUCATION, DEPT-FED	Judy Oliveira	Chancellor, Windward Community College	Talent Search Honolulu	To identify qualified individuals from disadvantaged backgrounds and encourage them to complete high school enroll in college.	1	230,000
EDUCATION, DEPT-FED	Judy Oliveira	Chancellor, Windward Community College	Talent Search Windward	To identify qualified individuals from disadvantaged backgrounds and encourage them to complete high school enroll in college.	1	230,000
EDUCATION, DEPT-FED	Leonard D. Woods	Vice Chancellor for Student Affairs	Student Support Services Program	Provide assistance to students to ensure success in attaining degrees at institutions of higher education	1	291,974
EDUCATION, DEPT-FED	Roy Inouye	Chancellor, Windward Community College	Student Support Services Program	Provide counseling, academic advising, tutoring, supplemental grant aid, study skills workshops, computer lab, cultural activities, and other services to disadvantaged college students (low-income, first generation, and/or disabled individuals as defined by U.S. Department of Education).	1	369,027

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN SAMOA, GOVERNMENT	Jennifer Tarnay	Center on Disability Studies/University Affiliated Pgms	Speech and Language Pathologist for ASDOE Special Education		1	53,307

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Deutscher Akademischer Austausch Dienst German Academic Exch Svc	Jim Yoshioka	College of Language, Linguistics and Literature	Asia and the Pacific in German Culture Conference		1	4,500
Royal Thai Embassy	Yuphaphann Hoonchamlong	Department of Indo-Pacific Languages	E-Learning Thai Language Courses		1	20,000

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EAST WEST CENTER	Noreen Okikawa	Vice Chancellor, Students	Student Employment Agreement with East West Center	Manoa Career Center agreement with East West Center to manage their student employment payroll.	1	1,119,295
KAMEHAMEHA SCHOOLS	Monique Mironesco	Division of Social Sciences	UHWO Sustainable Community Food Systems - Funding Request for Faculty Position	We are proposing to establish a Bachelor's degree program in Sustainable Community Food Systems (SCFS) which will prepare students for support services connected with the growing sustainable agriculture sector. This academic concentration will prepare students to apply a diverse set of skills to the development of the sustainable agriculture industry in Hawaii in a variety of capacities (SAP Goal 4A), such as work in non-profits, education, resource management, food policy advocacy, business marketing and management, social enterprise, civic agriculture/social work, and with further training available throughout the UH system and as apprentices on working farms, as practitioners of sustainable farming (SAP Goal 4B). The funding requested by this proposal is for one full-time assistant professor level position to teach required core courses in the SCFS degree as well as some of the science courses in the SCFS curriculum.	1	150,893

Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Karen Lee	Hawai'i P-20 Partnerships for Education Office	Hawaii P-20 Strategic Plan DOE MOA D11-078 Contract CO-10170	Execute the P-20 strategic plan through promoting career & college readiness, developing longitudinal data system,	1	10,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

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

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Tetsuzan Ron	Human Nutrition, Food and Animal Sciences	Certificate of Aquaculture	We will develop an undergraduate Certificate of Aquaculture (COA) that designed to complement the education of students within existing major programs or meet the needs of those who wish to acquire only the COA and join the workforce without an academic degree. HNFAS faculty and CTAHR Leadership will do evaluation	1	100,000
COUNTY KAUAI	Cheryl Anderson	Social Science Research Institute	Kaua'i Multi-Hazard Mitigation Plan Update	The proposed project will update the Kauai County Hazard Mitigation Plan, which is required by the federal government to be updated every five years. The project will review the previously approved plan, examine the projects that were pursued, investigate the reasons for the lack of implementation, and propose mitigation actions for the next five years. The plan should be approved by the Spring 2015.	1	75,000
HAWAIIAN AFFAIRS, OFFICE OF	Clyde Sakamoto	Chancellor, UH Maui College	OHA Liko A'e Native Hawaiian Leadership Program	The Liko A'e Native Hawaiian Scholarship program will provide higher education scholarships to non-traditional Native Hawaiian students across the country.	1	187,000
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	633,782

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-FAMILY HLTH SVC DIV-HI	Charlene Ono	Chancellor, Kauai Community College	Title X Family Planning, Reproductive Health Clinical, Community Outreach, Information, Health Education Services	Kauai Community College Campus Wellness Center (CWC) is reapplying for the Department of Health (DOH) Title X Family Planning Services Grant to continue to address the identified limitation of access to family planning services and to expand services to Waimea, area with the highest teen pregnancy, socio-economic risk, and chlamydia rates on the island.	1	100,000
HEALTH, DEPT-FAMILY HLTH SVC DIV-HI	Susan Saka	Curriculum Research and Development Group	2015 Youth Risk Behavior Surveys Development		1	10,000
HEALTH, DEPT-HI	Jeanelle June Sugimoto- matsuda	Department of Psychiatry	DOP/IPCS Contract for Training Coordination	DoP will provide services for the coordination and implementation of 28 ASIST and safeTALK trainings on Oahu, Maui, Kauai, and Hawaii. Services will include: survey of current trainers to determine training focus; coordination/registration; collaboration with Island Chairs to determine dates, sites and details; and establishment of a Trainer Network.	1	60,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-MAT & CHILD	Christine Quemuel	Women's Center	UH Systemwide PAU Violence Program	The University of Hawaii Systemwide PAU (Prevention, Awareness, Understanding) Violence Program is coordinated by the UH Manoa Women's Center to provide assistance to develop and sustain efforts to address sexual assault, dating/domestic violence and stalking on all ten of the University of Hawaii System campuses. The PAU Violence Program uses the Center for Disease Control and Prevention's socio-ecological model for primary prevention of intimate partner violence to frame the work conducted by the campuses. This model provides a multi-level approach to violence prevention that considers the relationships between individual, relationship, community, and societal factors in primary prevention. The PAU Violence Program also uses a community-based approach to violence prevention, working with each unique campus to create a task force of key campus stakeholders to identify needs, develop initiatives, and create a sustainability plan.	1	20,000
HUMAN SERVICES, DEPT-HI	Faye Kimura	William S. Richardson School of Law	Child Welfare Training Project		1	133,000
HUMAN SERVICES, DEPT-HI	Naomi Kanehiro	Oahu County	Nutrition Consultation & Review	The goals of this project are to ensure that child care facilities not enrolled with the USDA food program are able to meet their nutrition related licensing requirements and also to provide nutrition consultation, training and technical assistance to licensed child care providers and licensing workers.	1	95,000
HUMAN SERVICES, DEPT-HI Benefits, Employment & Support Services	Louise Iwaishi	Department of Pediatrics	Healthy Child Care Hawaii FY14	HCCH goals are to collaborate with Early Learning Council to strengthen health & safety in early education & care; expand the system of health consultants; provide training to pediatric residents; promote health & safety in child care; provide health & safety recommendations to DHS' Quality Improvement Rating System pilot.	1	107,957

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HUMAN SERVICES, DEPT-HI Benefits, Employment & Support Services	Ronny Umehira	Chancellor, Leeward Community College	LCC VOCATIONAL SKILLS TRAINING SERVICES FOR FIRST-TO-WORK (FTW)	New funding for FTW education services and vocational instruction to DHS clients on a reimbursement basis.	1	157,000
HUMAN SERVICES, DEPT-HI Benefits, Employment & Support Services	Teresa Bill	Women's Center	Bridge to Hope Student Support	University of Hawaii will administer and provide campus employment opportunities to eligible TANF/TAONF First-to-Work students through its Bridge to Hope program on all University of Hawaii campuses state-wide.	1	548,656
Kahoolawe Island Reserve Commission	Clyde Sakamoto	Cooperative Education (UH Maui College)	KIRC - Hui Kapehe Internship Program 2013-2014	Kahoolawe internship program for CTE Native Hawaiian students	1	41,628
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Cooperative Conservation and Long-Term Management of Hawaiian Monk Seals and Sea Turtles and Their Habitat	Improve public awareness and modify public behavior for the purpose of enhancing conservation and recovery of Hawaiian monk seals and sea turtles.	1	181,989
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Sanctuary Support	The Sanctuary Programs project will provide invaluable coordination, facilitation, technical, and logistical expertise that will support and improve upon DLNR, DAR and the Sanctuary's ability to meet management goals.	1	85,472
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	US Coral Reef Task Force and DAR Alignment	This project will support planning and facilitation for coral reef management related workshops, site visits and meetings associated with the US Coral Reef Task Force. In addition, it will enable Division of Aquatic Resources (DAR) to better track and communicate outcomes of coral reef research and management projects conducted by the division.	1	79,013
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Sierra M Tobiason	Sea Grant College Program	Implementation of the South Kohala Coastal Partnership Communication Plan		1	25,425
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Hawaii Watershed Partnerships and Planning	Provide statewide support and planning for Hawaii's Association of Watershed Partnerships.	1	43,901
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Ka'u Forest Reserve Management		1	200,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	USFS Core Support for the Coordinating Group on Alien Pest Species Project	Facilitate inter- and intra-agency communication regarding Hawaii's invasive species and educate the public about invasive species issues.	1	30,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Oahu Wildlife Habitat Restoration and Management	The objective for the Oahu Wetland Management Program is to provide assistance in the management of wetlands State Wildlife Sanctuaries. The Sanctuaries include: Kawainui, Hamakua, and Pouhala Marsh on the island of Oahu. The project will also focus on restoration and management of the Oahu District Public Hunting Areas (PHA), Game Management Areas (GMA), and Forest Reserves. These areas are managed to provide public access and opportunities to control and manager game populations for both recreation and forest health and native ecosystem restoration. The focus is to restore areas which have been damaged by urbanization, invasive plants and animals, and other human impacts.	1	70,000
PUBLIC SAFETY, DEPT-HI	Noreen Mokuau	School of Social Work	Sex Offender Services Officer	To Provide a clinical director who is experienced in the administration of sex abuse education and treatment services in a correctional Institution.	1	195,195

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KAPIOLANI MED CTR FOR WOMEN & CHILDREN	Kenneth Nakamura	Department of Pediatrics	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-KMCWC-PEDS	Agreement to provide medical education to students and residents in a clinical setting.	1	342,730
KAPIOLANI MED CTR FOR WOMEN & CHILDREN	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-KMCWC-SURG	Agreement to provide medical education to students and residents in a clinical setting.	1	47,191
KAPIOLANI MEDICAL SPECIALIST	Kenneth Nakamura	Department of Pediatrics	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-KMS-PEDS	Agreement to provide medical education to students and residents in a clinical setting.	1	1,597,108

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
QUEEN'S HOSPITAL MEDICAL CENTER	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-QEC-SURG	Agreement to provide medical education to students and residents in a clinical setting.	1	357,767
QUEEN'S HOSPITAL MEDICAL CENTER	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-QMC-SURG	Agreement to provide medical education to students and residents in a clinical setting.	1	308,246
STRAUB CLINIC & HOSPITAL	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-STRAUB-SURG	Agreement to provide medical education to students and residents in a clinical setting.	1	35,350
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Elizabeth Tam	Department of Medicine	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-UCERA-MED	Agreement to provide medical education to students and residents in a clinical setting.	1	60,198
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Kamal Masaki	Department of Geriatric Medicine	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-UCERA-GERI	Agreement to provide medical education to students and residents in a clinical setting.	1	882,652
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Kenneth Nakamura	Department of Pediatrics	REIMBURSEMENT AGREEMENT FISCAL YEAR 2015 - AGREEMENT NO. SF15-UCERA-PEDS	Agreement to provide medical education to students and residents in a clinical setting.	1	16,093

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Daughters of Hawaii	Lynn Davis	Library (UH Manoa)	FEMA 1967 PW69 Hulihee Palace		1	113,600

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Made In Hope	Christopher Manaseri	Chancellor, Leeward Community College	Made in Hope MOA	Leeward Community College Will: - Act as a community liaison for MADE IN HOPE and aid in identifying Leeward Community College students, faculty, and staff who are interested in receiving training in healthy relationships and intimate partner violence Have a presence at the consortium meetings by actively participating in CHSS quarterly meetings Attend CHSS training on intimate partner violence Comply with data collection requests made by MADE IN HOPE which may include, but are not limited to reporting on how many students/attendees participate in your college's events, surveys, etc. Keep track of, and turn in all proof of purchase (i.e. receipts) used to implement community events to CHSS Program Coordinator no later than a week after the event	1	5,000
UNIVERSITY HAWAII FOUNDATION	Ardis Eschenberg	Chancellor, Windward Community College	AAUW WCC Childcare Sp14 (Na Pua o ke Kula Kaiaula o ke Koolau)	The proposed project satisfies an expressed desire among WCC administrators, faculty, and students for more information about student parents and their childcare needs. This issue is deemed to be critically important for keeping student parents in college. The administration is at a critical turning point (creating a Master Plan in the coming year), when survey information could be leveraged to result in service provision for students. This project would result in needed data at a critical point in time, activism among students focused on this issue at this strategic moment, and a data-informed project report for administrators to action.	1	1,150
UNIVERSITY HAWAII FOUNDATION	David Krupp	Chancellor, Windward Community College	WCC/UHF Pacific Initiative for Environmental Studies	Undergraduate and K-12 education and outreach in environmental studies.	1	16,452
UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Conservation International DOCARE Legal Fellow		1	36,400

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Gertraud Maskarinec	Cancer Etiology	Cancer Research Center of Hawaii Traineeship	The Meiji CRCH Traineeship is provided through contributions to the UH Foundation by the Meiji Life Insurance Company and trains high school students in the areas of research and education.	1	13,995
UNIVERSITY HAWAII FOUNDATION	Gina Nobrega	Hawai'inuiakea School of Hawaiian Knowledge	Lamaku Na'auao (Knowledge Torch)		1	150,000
UNIVERSITY HAWAII FOUNDATION	Joanne Itano	Office of the VP for Academic Planning and Policy	State Systems Co-Creation Transformation Initiative	The Bill & Melinda Gates Foundation has awarded the UH Foundation funds to support the UH System's efforts to improve college access and degree completion for underserved populations within the state. With support from the grant, UH will create innovative tools that provide real-time information on student progress to students, administrators and academic advisors.	1	175,000
UNIVERSITY HAWAII FOUNDATION	Jonathan Kamakawiwo`o Osorio	Kamakakuokalani Center for Hawaiian Studies	Gladys Brandt Chair	Provide honoraria nonresident aliens and UH employees invited to participate in Gladys Brandt Chair activities.	1	46,200
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	Kellogg Equity Model Expenditures	To pay for P-20 salary, fringe, and program costs.	1	48,440
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	Kellogg P-3 Expenditures	To pay for P-20 salary, fringe and program costs.	1	312,000
UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	P-3 Evaluation/External Evaluator	To perform evaluation of services to support grant deliverables with the goal of every child reading at grade level by grade 3. The data will be used to identify strategies to be replicated in other communities to achieve grant deliverables.	1	35,743
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	Laurence James Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	Funding for lecturer salaries and fringe to teach Hawaiian Music.	1	1,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Malia Rivera	Hawaii Institute of Marine Biology (HIMB)	HIMB Research Experiences in Marine Sciences		1	9,500
UNIVERSITY HAWAII FOUNDATION	Nicholas Kaiser	Institute for Astronomy	Pan-STARRS Project		1	10,415
UNIVERSITY HAWAII FOUNDATION	Thomas Katsuyoshi	Facilities Management	Clarence T.C. Ching Athletic complex (UHM 09-302)	Plans, design, and construction of new Clarence T.C. Ching Athletic Complex.	1	1,447,500
UNIVERSITY HAWAII FOUNDATION	Tung Bui	Shidler College of Business	Matson Navigation Company Chair of Global Business Education	<p>The purpose of the Matson Chair is to help the Shidler College of Business in its development as well as to help forge a meaningful link between the University and the business community.</p> <p>Shidler College of Business, in parallel to the University of Hawaii, has two major strategic thrusts. The first focuses on international business in the Asia-Pacific region and the second focuses on the impact of management or organizations and managers. The project will help sustain these strategies.</p>	1	15,746

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ELI LILLY & COMPANY	Richard Arakaki	Department of Medicine	A Phase 2, Double-Blind, Placebo-Controlled Trial to Evaluate the Safety and Efficacy of LY2409021 Compared to Sitagliptin in Subjects with Type 2 Diabetes Mellitus	<p>This Phase 2 study will assess the safety and efficacy of LY2409021 in subjects with type 2 diabetes mellitus (T2DM) pretreated with a stable dose of metformin and a sulfonylurea compared to placebo and the active comparator, sitagliptin at 6 months and 12 months. LY2409021 20 mg was selected based on its safety and efficacy profile demonstrated in Phase 2 studies. The liver will be assessed for fat content by magnetic resonance imaging (MRI) in all subjects. Hepatic fat fraction from serial MRIs will be used to characterize the extent, time course and reversibility of changes in hepatic lipids. The primary objective of this study is to compare LY2409021 20 mg to placebo on the change in hepatic fat fraction after 6 months of treatment as measured by MRI in subjects</p>	1	201,767

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				with T2DM who are taking metformin and sulfonylurea. Since the main focus of this study is safety, the highest dose (20 mg) that is likely to be used in Phase 3 has been selected.		

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICAN FEDERATION FOR AGING RSCH	Kamal Masaki	Department of Geriatric Medicine	Hartford Center of Excellence in Geriatrics	Faculty Development award in Geriatrics for Junior Faculty Members.	1	79,000
CHILDREN'S HOSPITAL BOSTON	Mariana Gerschenson	Department of Cell and Molecular Biology	The Role of Mitochondrial Toxicity in Metabolic Complications of Pediatric HIV		1	18,750

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
JOHNSON (ROBERT WOOD) FOUNDATION	Sandra A. LEVASSEUR	Department of Nursing	Hawaii's Statewide Plan to Ensure Academic Progression in Nursing	To meet the ever-changing demands of our healthcare system and the increasing complexity of healthcare delivery, the Institute of Medicine's (IOM) hallmark report, The Future of Nursing: Leading Change, Advancing Health (2010) recommends that 80 percent of registered nurse workforce be prepared with a baccalaureate (BS) degree or higher. The co-leaders of the Hawaii Nurse Action Coalition (HNAC), the Hawaii State Center for Nursing (Center) and the Hawaii Medical Services Association, serve as a catalyst and are poised to fulfill this recommendation by capitalizing on the collaborative spirit that already exists among Hawaii's schools of nursing, employers and consumers, policy makers, payers, and legislators. In this proposal, the HNAC will delineate a robust statewide plan to increase the percentage of baccalaureate-prepared nurses from 60 to 80 percent statewide by 2020 using a shared statewide competency-based curriculum. A collaborative, statewide commitment by educators, healthcare employers, legislators, and community stakeholders is necessary to achieve this goal	1	300,000

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				and the action steps are as following: (1) Private and public academic institutions will collaborate to further develop, implement, and evaluate the expansion of a shared statewide baccalaureate curriculum;...		
WESTERN STATES ART FEDERATION (WESTAF)	Timothy Slaughter	Community Programs	University of Hawaii Presents: Emel Mathlouthi		1	2,150
WESTERN STATES ART FEDERATION (WESTAF)	Timothy Slaughter	Community Programs	University of Hawaii Presents: Indian Ink Theatre Company		1	2,150

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Nicholas Kaiser	Institute for Astronomy	Augmentation of the Pan-STARRS NEO Detection and Characterization System		1	423,817

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	18,037

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Indigenous Worldviews in Informal Science Education (I-WISE): Integration, Synthesis, and Opportunity	<p>Imiloa Astronomy Center of the University of Hawai`i at Hilo and the Indigenous Education Institute (IEI) request conference support for Indigenous Worldviews in Informal Science Education (I-WISE): Integration, Synthesis, and Opportunity. The two-day event will convene 60 principal investigators, educators, scientists, policymakers, learning researchers, and Native youth to advance research aimed at the convergent margin of Native and Western science in the field of informal STEM learning. The goals of the conference co-sponsored by the University of Hawai`i, are to: 1) Integrate and synthesize theoretical approaches, methods, and findings of work to date; 2) Formulate a research agenda in this area; and 3) Share results with the broader STEM education field and beyond through a meeting with Washington, DC policymakers in addition to a white paper, conference report, and other publications.</p> <p>The conference will take place in February 2014 at Imiloa Astronomy Center in Hiloa major science center with both Indigenous and scientific administration and perspectives preceded by a six-week online discussion of issues that will be addressed in the conference. A follow-up Policy Meeting in Washington, DC in June 2014 will include 30 agency representatives and other stakeholders to discuss the resulting implications concerning the importance of Indigenous worldviews to enhance public science literacy and improve STEM education, career opportunities, and lifelong learning for Native youth.</p> <p>Work in this area has matured over the past few years to a stage where several NSF DRL supported studies have been completed (e.g., Native Waters, Native Science Field Centers, Cosmic Serpent, and Salmon Camp, among others). Several projects will also generate new results within the timeframe of the conference, for example, ISE projects Native Universe and Generations of Knowledge, as</p>	1	249,664

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				well as Culturally Based Citizen Science and The Role of Culture and Experience in Childrens Understand		
NATIONAL SCIENCE FOUNDATION	Michael Pecsok	Chancellor, Leeward Community College	Kilo Aina: Science of Place	University of Hawaii, Leeward Community College (Leeward CC) proposes Project Kiloaina: Science of Place, a five year Institutional Capacity Excellence in TCUP Institutions (ICE-TI) project that combines effective STEM institutional capacity-building strategies with place-based practices that honor traditional Hawaiian knowledge. The project aims to increase enrollment, retention, graduation and transfer rates to four-year STEM programs among Native Hawaiians.	1	500,000
NATIONAL SCIENCE FOUNDATION	Murli Manghnani	Hawaii Institute of Geophysics and Planetology (HIGP)	Acquisition and Upgrading of Equipment for High Pressure-Temperature Research in Mineral Physics	Upgrading High Pressure laboratory for high pressure-temperature mineral physics in spectroscopy and ultrasonic measurements.	1	36,276
NATIONAL SCIENCE FOUNDATION	Scott Robertson	Information and Computer Sciences	ACM International Conference on Collaboration Across Boundaries (CABS 2014): Doctoral Consortium	This proposal requests support for doctoral students from U.S. institutions to attend a Doctoral Consortium to be held in conjunction with the 5th International ACM Conference on Collaboration Across Boundaries: Culture, Distance and Technology (CABS 2014). The Doctoral Consortium brings together promising doctoral students and distinguished researchers from academia and industry, with the goal of advancing students' careers.	1	23,408

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CALIFORNIA LOS ANGELES, UNIV	Ty Tengan	Ethnic Studies	UCLA Hawaii Travel Study Program		1	11,609
NEVADA LAS VEGAS, UNIVERSITY OF	Angela Sy	Department of Nursing	Clinical Translational Research-Infrastructure Network Visiting Scholar Fellowship	The awardee will participate in a Visiting Scholar Activity according to the plan and timelines as documented within the proposal.	1	5,995
WASHINGTON, UNIVERSITY OF	Douglas Luther	Department of Oceanography	Ocean Observatories Initiative - Regional Scale Nodes Project Scientist		1	50,000
Non-Research - Total					87	15,350,420

Gift, Grants, and Contracts for Jun 1, 2014 to Jun 30, 2014

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Overall - Total					205	41,254,296

Funds Received from UH Foundation for Jun 1, 2014 to Jun 30, 2014

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Ardis Eschenbe	Chancellor, Windward Community College	AAUW WCC Childcare Sp14 (Na Pua o ke Kula Kaiaula o ke Koolau)	The proposed project satisfies an expressed desire among WCC administrators, faculty, and students for more information about student parents and their childcare needs. This issue is deemed to be critically important for keeping student parents in college. The administration is at a critical turning point (creating a Master Plan in the coming year), when survey information could be leveraged to result in service provision for students. This project would result in needed data at a critical point in time, activism among students focused on this issue at this strategic moment, and a data-informed project report for administrators to action.	1	1,150
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	Gertraud Maskarinec	Cancer Etiology	Cancer Research Center of Hawaii Traineeship	The Meiji CRCH Traineeship is provided through contributions to the UH Foundation by the Meiji Life Insurance Company and trains high school students in the areas of research and education.	1	13,995
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Thomas Katsuyoshi	Facilities Management	Clarence T.C. Ching Athletic complex (UHM 09-302)	Plans, design, and construction of new Clarence T.C. Ching Athletic Complex.	1	1,447,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Conservation International DOCARE Legal Fellow		1	36,400
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Jonathan Kamakawiwoaka Osorio	Kamakakuokae Center for Hawaiian Studies	Gladys Brandt Chair	Provide honoraria nonresident aliens and UH employees invited to participate in Gladys Brandt Chair activities.	1	46,200
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Malia Rivera	Hawaii Institute of Marine Biology (HIMB)	HIMB Research Experiences in Marine Sciences		1	9,500

Funds Received from UH Foundation for Jun 1, 2014 to Jun 30, 2014

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	Kellogg Equity Model Expenditures	To pay for P-20 salary, fringe, and program costs.	1	48,440
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	Kellogg P-3 Expenditures	To pay for P-20 salary, fringe and program costs.	1	312,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Gina Nobrega	Hawai'inuiake School of Hawaiian Knowledge	Lamaku Na'auao (Knowledge Torch)		1	150,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Tung Bui	Shidler College of Business	Matson Navigation Company Chair of Global Business Education	<p>The purpose of the Matson Chair is to help the Shidler College of Business in its development as well as to help forge a meaningful link between the University and the business community.</p> <p>Shidler College of Business, in parallel to the University of Hawaii, has two major strategic thrusts. The first focuses on international business in the Asia-Pacific region and the second focuses on the impact of management or organizations and managers. The project will help sustain these strategies.</p>	1	15,746
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	Funding for lecturer salaries and fringe to teach Hawaiian Music.	1	1,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Karen Lee	Office of the VP for Academic Planning and Policy	P-3 Evaluation/External Evaluator	To perform evaluation of services to support grant deliverables with the goal of every child reading at grade level by grade 3. The data will be used to identify strategies to be replicated in other communities to achieve grant deliverables.	1	35,743
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Nicholas Kaiser	Institute for Astronomy	Pan-STARRS Project		1	10,415

Funds Received from UH Foundation for Jun 1, 2014 to Jun 30, 2014

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Joanne Itano	Office of the VP for Academic Planning and Policy	State Systems Co-Creation Transformation Initiative	The Bill & Melinda Gates Foundation has awarded the UH Foundation funds to support the UH System's efforts to improve college access and degree completion for underserved populations within the state. With support from the grant, UH will create innovative tools that provide real-time information on student progress to students, administrators and academic advisors.	1	175,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Krupp	Chancellor, Windward Community College	WCC/UHF Pacific Initiative for Environmental Studies	Undergraduate and K-12 education and outreach in environmental studies.	1	16,452

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	13,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leslie Watling	Department of Biology (Biology Program)	Deep Sea Corals Miscellaneous Research Expenses	This project involves research on deep sea corals and will result in the naming and description of new species collected around the NW Hawaiian Islands and elsewhere.	1	8,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	James Dator	Political Science (UH Manoa)	Graduate Research Assistant	Project will meet the academic needs of the department. Research Assistant duties will include managing the Hawaii Research Center on Futures Studies and the Center's website.	1	20,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research		1	43,750
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Karl	Center for Microbial Oceanograph Research and Edu (C-MORE)	Simons Collaboration on Ocean Processes and Ecology	We propose to establish such a collaborative effort that will measure, model, and experimentally manipulate a complex system representative of a broad swath of the North Pacific Ocean.	1	3,007,500

Funds Received from UH Foundation for Jun 1, 2014 to Jun 30, 2014

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Overall - Total						21	5,425,971

**Extramural Research Awards for the Month
Jun 1, 2014 to Jun 30, 2014
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	10	296,273	1%
DHHS-Dept of Health and Human Services	5	943,399	4%
DOC-Dept of Commerce	6	340,297	1%
DOD-Department of Defense	6	4,849,170	19%
DOE-Dept of Energy	2	272,000	1%
Foreign	2	25,780	0%
Hawaii- Business and Other	2	71,908	0%
Hawaii- Government Agencies	25	2,346,021	9%
Hawaii- Health Organizations	1	34,692	0%
Hawaii- Non-Profit Organizations	11	3,313,628	13%
Mainland- Business and Other	6	1,275,040	5%
Mainland- Non-Profit Organizations	7	4,363,053	17%
National Aeronautics and Space Administration	14	2,400,002	9%
National Science Foundation	15	4,641,727	18%
US Colleges and Universities	6	730,886	3%
Overall - Total	118	25,903,876	100%

**Extramural Non-Research Awards for the Month of
Jun 1, 2014 to Jun 30, 2014
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	2	65,000	0%
DOC-Dept of Commerce	7	457,558	3%
ED-Dept of Education	7	2,268,570	15%
Foreign	3	77,807	1%
Hawaii- Business and Other	2	1,270,188	8%
Hawaii- Dept of Education	1	10,000	0%
Hawaii- Government Agencies	23	3,180,018	21%
Hawaii- Health Organizations	9	3,647,335	24%
Hawaii- Non-Profit Organizations	18	2,451,321	16%
Mainland- Business and Other	1	201,767	1%
Mainland- Health Organizations	2	97,750	1%
Mainland- Non-Profit Organizations	3	304,300	2%
National Aeronautics and Space Administration	1	423,817	3%
National Science Foundation	5	827,385	5%
US Colleges and Universities	3	67,604	0%
Overall - Total	87	15,350,420	100%

**Year to Date Extramural Research Awards
Jul 1, 2013 to Jun 30, 2014
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	48	10,922,345	5%
Dept of State	4	2,335,534	1%
DHHS-Dept of Health and Human Services	80	39,768,476	17%
DOC-Dept of Commerce	58	17,455,588	7%
DOD-Department of Defense	80	44,441,651	19%
DOE-Dept of Energy	18	6,008,944	3%
DOI-Dept of Interior	66	5,065,057	2%
DOT-Dept of Transportation	2	10,000	0%
ED-Dept of Education	1	467,285	0%
Federal Agencies	8	2,541,429	1%
Foreign	23	9,570,039	4%
Hawaii- Business and Other	29	1,757,107	1%
Hawaii- Government Agencies	161	17,268,165	7%
Hawaii- Health Organizations	5	449,007	0%
Hawaii- Non-Profit Organizations	74	7,956,382	3%
Mainland- Business and Other	65	5,395,310	2%
Mainland- Health Organizations	8	336,808	0%
Mainland- Non-Profit Organizations	44	7,117,213	3%
National Aeronautics and Space Administration	93	16,823,100	7%
National Science Foundation	109	33,907,311	14%
US Colleges and Universities	105	8,690,035	4%
Overall - Total	1,081	238,286,786	100%

Year to Date Extramural Non-Research Awards
Jul 1, 2013 to Jun 30, 2014
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	15	2,118,537	1%
DHHS-Dept of Health and Human Services	32	14,771,674	10%
DOC-Dept of Commerce	22	6,325,464	4%
DOD-Department of Defense	12	5,683,396	4%
DOE-Dept of Energy	0	-183	0%
DOI-Dept of Interior	12	782,422	1%
ED-Dept of Education	65	27,178,364	18%
Federal Agencies	14	8,862,423	6%
Foreign	38	9,519,480	6%
Hawaii- Business and Other	21	4,174,442	3%
Hawaii- Dept of Education	13	5,519,860	4%
Hawaii- Government Agencies	121	20,187,818	13%
Hawaii- Health Organizations	48	12,332,151	8%
Hawaii- Non-Profit Organizations	144	9,148,923	6%
Mainland- Business and Other	24	2,915,468	2%
Mainland- Health Organizations	6	169,050	0%
Mainland- Non-Profit Organizations	39	3,395,654	2%
National Aeronautics and Space Administration	9	5,879,085	4%
National Science Foundation	33	13,032,316	8%
US Colleges and Universities	25	2,031,825	1%
Overall - Total	693	154,028,169	100%