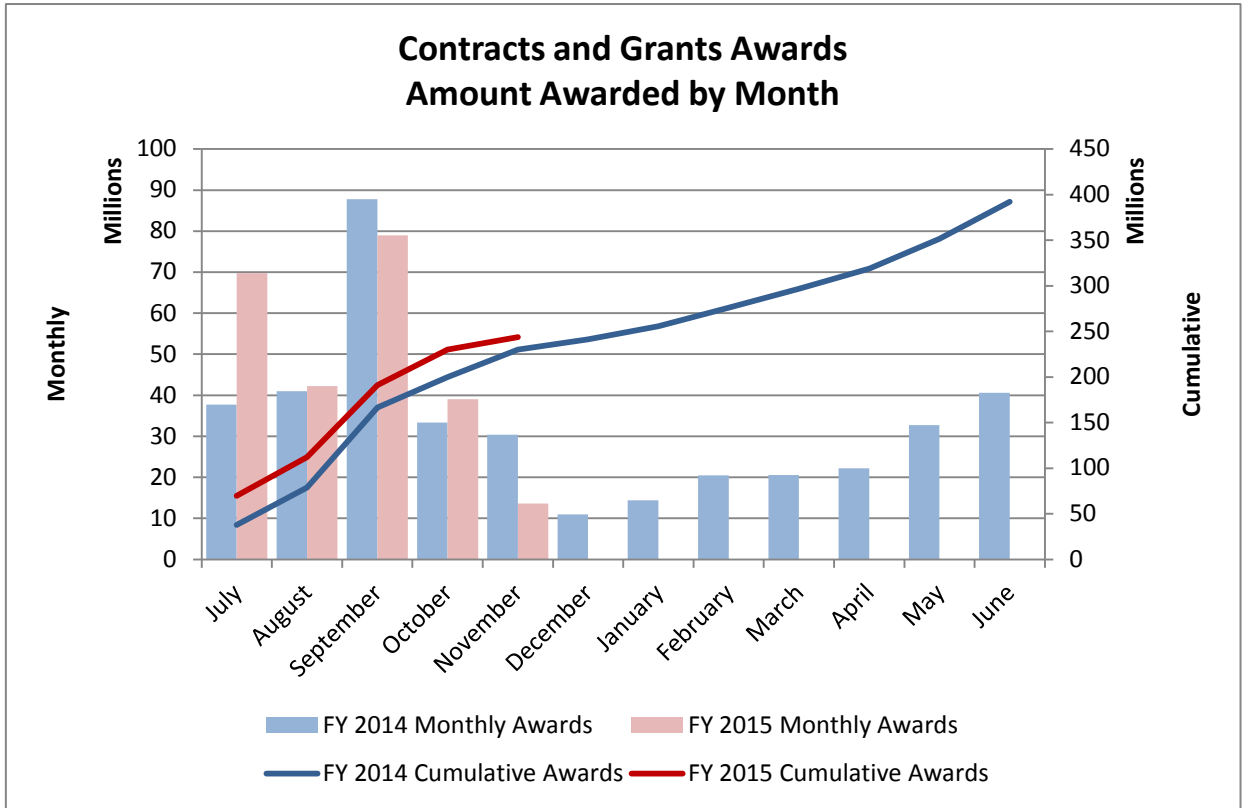
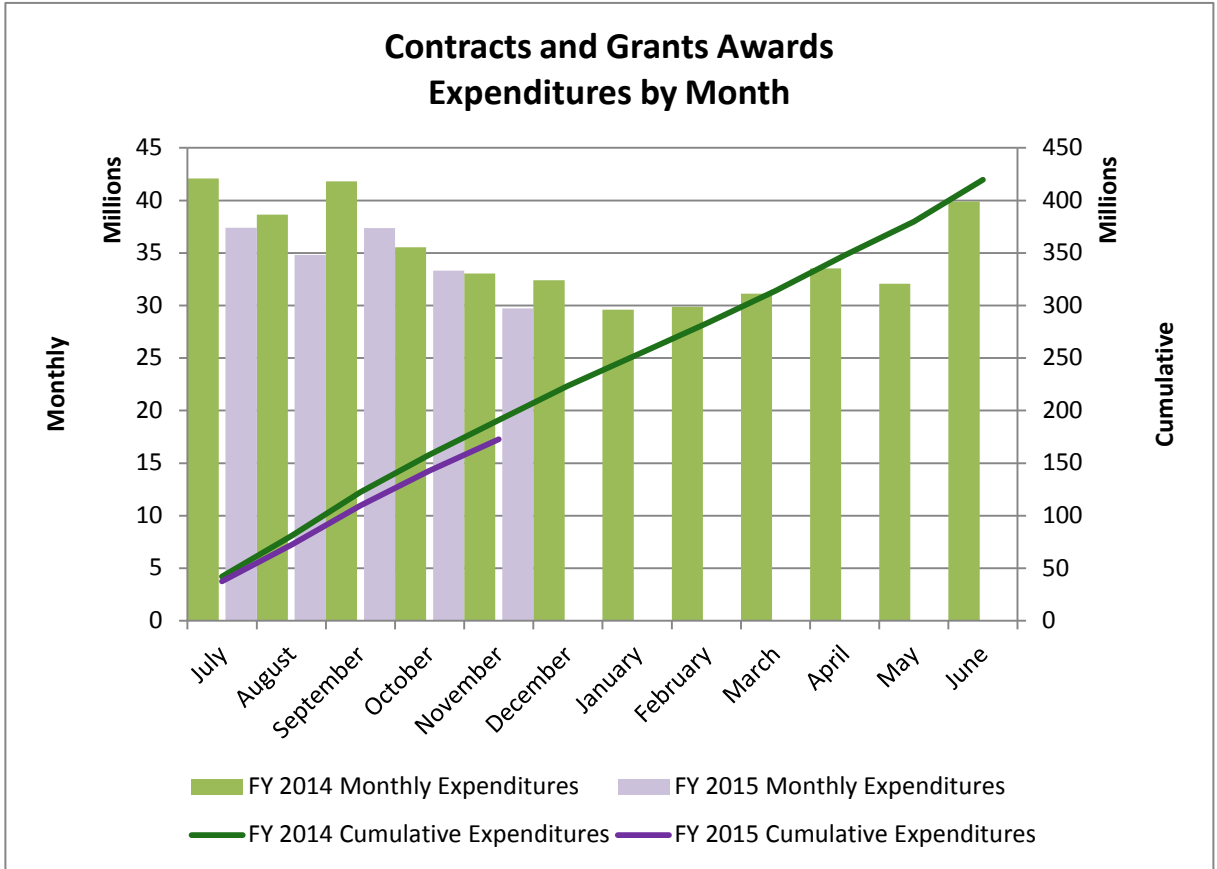


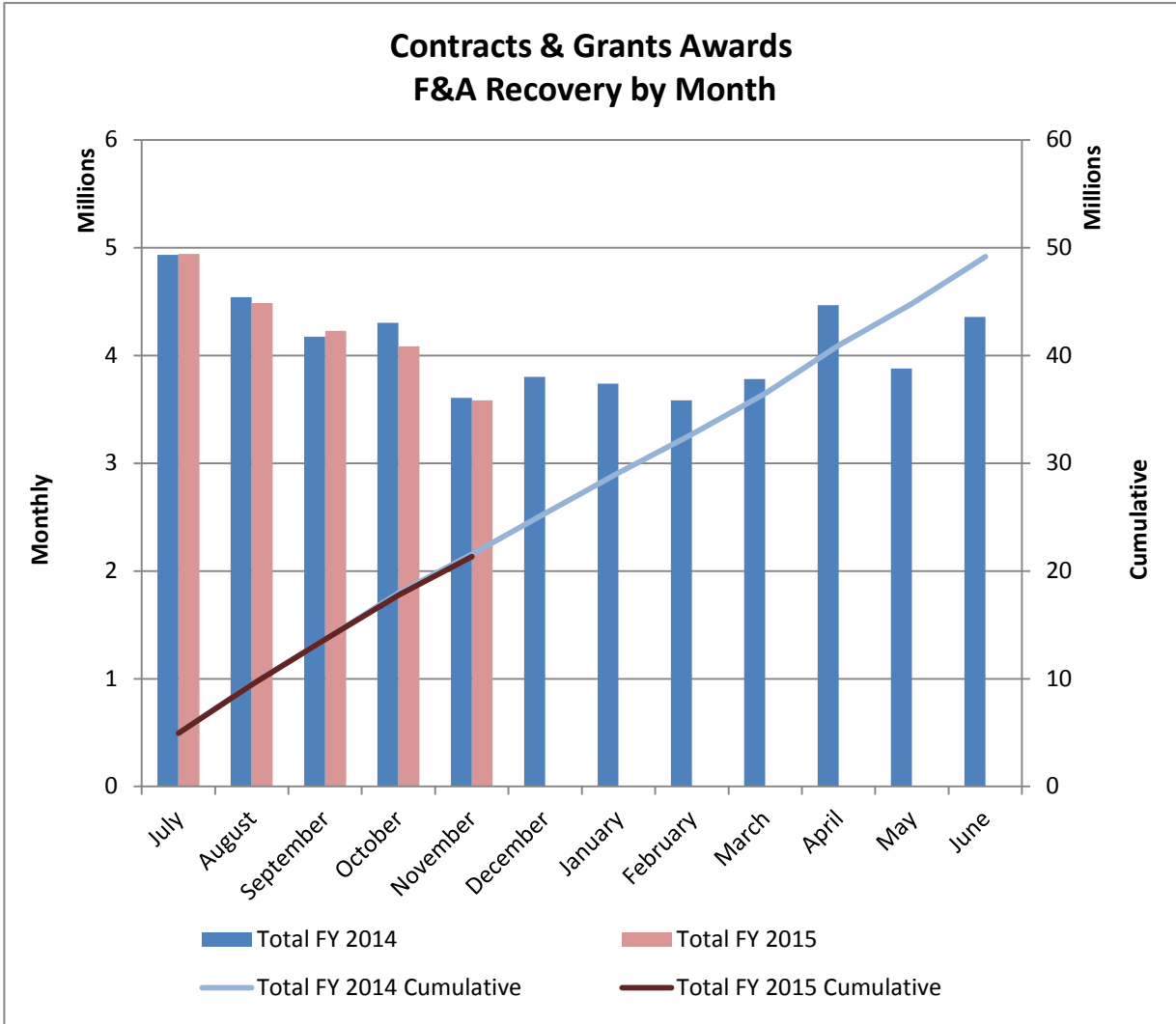
Contracts and Grants Awards
As of November 30, 2014



Contracts and Grants – Expenditures
As of November 30, 2014



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



Extramural Sponsor Awards Monthly Summary

<u>Program Type</u>	Nov 30, 2014		Nov 30, 2013	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Non-Research	51	\$5,738,987	38	\$6,532,621
Research	77	\$7,961,969	72	\$24,176,041
<u>Total</u>	<u>128</u>	<u>\$13,700,956</u>	<u>110</u>	<u>\$30,708,662</u>

Note: The detailed award listing is available at:

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

The FY 2014 year-to-date total was: \$230,195,531

The unofficial FY 2015 year-to-date total is: \$243,586,897

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

Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	PBARC-CAFNR Collaboration on Regionally-based Feedstocks Including Agricultural By-products and Algae	The objectives of this project are 1) conduct grazing trials at the UH Hilo Farm in Panaewa using angus and zebu cross-bred cattle grazing on mulatograss-glycine, and guineagrass pasture mixtures and 2) evaluate the nutritive value of potential new feeds for aquaculture.	1	150,264
AGRICULTURE, DEPT-FED	Michael Shintaku	College of Agriculture, Forestry and Natural Resource Mgt	Development and Analysis of Plants with Transgenic Virus Resistance		1	33,001
AGRICULTURE, DEPT-FED	Rebecca Ostertag	Biology (UH Hilo)	Impacts of Climate Change and Exotic Insects on Food Resources of Native Atyid Shrimp in Hawaiian Streams	The goal of this project is to document how native shrimp food resources shift along a gradient in stream flow and with the introduction of the exotic caddisfly, Cheumatopsyche analis on Hawaii island.	1	6,034

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DRUG ABUSE	Maria-Louisa Andres	Pacific Biosciences Research Center	Interaction of HIV-Tat and methamphetamine: Role of ion channels and epigenetics	This study investigates the interaction between HIV-tat protein and methamphetamine in inducing neurotoxicity. Specifically, we will study alteration of neuronal function through blockade of ion channels by APOE4 proteins and methamphetamine and how they may further contribute to HIV-tat induced toxicity in neurons.	1	13,670

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Alan Friedlander	Joint Institute for Marine and Atmospheric Research (JIMAR)	A biogeographic assessment of reef fishes, fisheries, and benthic assemblages in Hawaii		1	56,098

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Tomoaki Miura	Natural Resources and Environmental Mgt	Validation of the Vegetation Index EDR from VIIRS		1	64,361

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Ralf Kaiser	Department of Chemistry	A Combined Experimental and Theoretical Study on the Unimolecular Decomposition of Hydrocarbon Surrogates Relevant to JP-8 Jet Fuel	The primary objectives of this project are to explore experimentally and theoretically the unimolecular decomposition of prototype hydrocarbon surrogates relevant to the combustion of JP-8 jet fuel. These are n-decane (C ₁₀ H ₂₂), n-dodecane (C ₁₂ H ₂₆), n-butylcyclohexane (C ₁₀ H ₂₀), t-butylcyclohexane (C ₁₀ H ₂₀), n-butylbenzene (C ₁₀ H ₁₄), and t-butylbenzene (C ₁₀ H ₁₄) serving as simple prototype representatives for three main classes of molecules present in JP-8 based jet fuel: alkanes (aliphatic paraffins), cycloalkanes (monocyclic paraffins), and alkyl-substituted benzenes (aromatics). This presents a major challenge as no study has been conducted to date, in which the decomposition mechanisms of these surrogates and the overall spectrum of newly formed open and closed shell molecules have been explored on line and in situ under combustion relevant conditions over a broad range of parameters (pressure, temperature)	1	100,000
DEFENSE, DEPT-AIR FORCE SPACE & MISSILE SYS CTR	Luke Flynn	Hawaii Institute of Geophysics and Planetology (HIGP)	LEONIDAS: Low-Earth Orbit Nanosat- Integrated Defense Autonomous Systems	The LEONIDAS project will design, build, test, launch, and operate small spacecraft in low-Earth orbit	1	300,000
DEFENSE, DEPT-NAVY NAVAL RSCH LAB	Tim Li	International Pacific Research Center (IPRC)	Ensemble Prediction of Tropical Cyclone Genesis		1	84,671

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Surface and Internal Wave Processes in the Coastal Zone of an Atoll Island		1	100,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael Bell	Department of Meteorology	Thermodynamic Constraints on Tropical Cyclone Intensity and Structure		1	52,354
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Tim Li	International Pacific Research Center (IPRC)	Toward Seamless Weather-Climate Prediction with a Global Cloud-Resolving Capable Model	To systematically evaluate the GFDL-HiRAM capability in predicting both short range weather and long-term climate phenomena	1	25,081
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	William Lawrence Ditto	College of Natural Sciences	Development and Applications of Nonlinear Dynamics Based Synthetic Computation	This work involves understanding the underlying mechanisms of how chaotic systems generate computer instruction sets which lead to improved morphable chaotic computer architectures.	1	167,301

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon K. Ziegler	Vice Chancellor for Research	Environmental Science to Support Sustained Use of the Ke`ohe`muku Maneuver Area at P#333;hakuloa Training Area	Partnership with USGS and NCALM on project "Environmental Science to Support Sustained Use of the Ke`ohe`muku Maneuver Area at P#333;hakuloa Training Area"	1	60,132
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Quantitative Analysis of Ecologic Data		1	22,921
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Technical assistance in developing a strategy and techniques to eradicate yellow crazy ants (Anoplolepis gracilipes) on Johnston Atoll	Cooperative agreement to work with USGS PIERC to provide technical assistance on yellow crazy ants on Johnston Atoll	1	20,652

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
BISHOP MUSEUM	Norine Wing Yeung Hayes	Pacific Biosciences Research Center	Undergraduate RA for BPBM Malacology YR 3		1	15,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAIIAN ELECTRIC COMPANY	Lipyeow Lim	Information and Computer Sciences	Solar Data Analytics & Forecasting Project	The project investigate data analysis techniques for renewable energy management. Given the increasing adoption of grid-linked photovoltaic systems in residential and commercial settings, utility operators face significant challenges operating under the uncertainty and variability of renewable energy. On the other hand, there is a wealth of sensor/observation data on various weather variables across the islands. This project investigates the use of data analytics to extract actionable insights from the wealth of data in order to help grid operators manage the renewable energy resource.	1	69,924
SEA ENGINEERING, INC.	Alexander Shor	School of Ocean and Earth Science and Technology	Support of ship and submersible operations to inspect the flap-gate on the Sand Island Sewer Outfall as part of the City and County of Honolulu inspection program		1	48,000

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-ALCOHOL & DRUG ABUSE DIV-HI	Rebecca Joy Williams	Office of Public Health Studies	FDA Tobacco		1	161,648
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Carl Meyer	Hawaii Institute of Marine Biology (HIMB)	Obtaining a shark's-eye view of habitat use in Maui coastal waters		1	9,828
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Jeffrey Drazen	Department of Oceanography	Evaluating Spatial and Temporal Patterns in Deep 7 Bottomfish Populations in the Main Hawaiian Islands		1	6,927
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Tibouchina herbacea Detection & Control	Cooperative effort to control the spread of cane ti (Tibouchina herbacea) within the Poamoho area at the summit of the Ko'olau Mountain Range, O'ahu.	1	62,050
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	200,000

Gift, Grants, and Contracts for Nov 1, 2014 to Nov 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	Detection and Control of Invasive Species on the Island of Kauai		1	570,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Earlier Detection of Invasive Species: Continuing a successful nursery survey pilot program	Conduct plant nursery surveys, roadside surveys, and identify the biological and distribution characteristics of species posing the greatest threat to Hawaii island.	1	115,000
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	33,809
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Management of Kanaio and Hanawi Natural Area Reserves		1	60,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Natural Area Reserves Management: Kauai Island	Research and manage endangered species in their protective habitats in the state's natural area reserves with a focus on the native ecosystem and species diversity.	1	120,519
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Pilot Project to assess post release survival of seabirds released through the Save Our Shearwaters Program	Understand the extent to which fallout and subsequent rehabilitation and release of birds collected by the Save Our Shearwaters project affects fledgling survival rates.	1	25,016
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Project Support for the Snail Extinction Prevention Program	Establish and implement a snail extinction Prevention program to protect Hawaii's rare native snails from extinction.	1	114,851
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Statewide Wildlife Action Plan Conservation Program Coordination and Implementation	Update and revise the state's comprehensive wildlife conservation strategy.	1	98,721
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Support for the Hawaii Invasive Species Council, Hawaii-Pacific Weed Risk Assessment, and the Hawaii Biodiversity Information Network	Coordinate invasive species management, assess new invasive species risks, ensure good science is applied to management plans, and implement a public outreach program.	1	296,589
LAND & NATURAL RES, DPT-INVASIVE SPEC (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species on Oahu	Develop and implement a strategy to control and prevent invasive species on Oahu.	1	833,746
LAND & NATURAL RES, DPT-INVASIVE SPEC (DLNR)	Michael Melzer	Plant and Environmental Protection Sciences	Multi-agency Proposal for Coconut Rhinoceros Beetle Response, Training and Research		1	389,252
LAND & NATURAL RESOURCES, DEPT (DLNR)	Jason Turner	Marine Science	Ecological Monitoring of Proposed Mooring Buoy Sites in Hilo Bay, Hawaii		1	211,364

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

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	Increasing production and improving food safety for new Hawaii	Research on oyster depuration, nursery systems and Vibrio testing	1	44,153
UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanography	Victor and Peggy Brandstrom Pavel Endowed Chair in SOEST		1	50,000
UNIVERSITY HAWAII FOUNDATION	Diane Taylor	Department of Tropical Medicine, Medical Micro and Pharm	Malaria Research Enhancement	Research on Malaria.	1	8,000
UNIVERSITY HAWAII FOUNDATION	Fernando Martinez	Hawaii Institute of Geophysics and Planetology (HIGP)	Seafloor Hydrothermal Research	This project will continue research on the geologic variables affecting seafloor hydrothermal systems in backarc basins.	1	98,023
UNIVERSITY HAWAII FOUNDATION	Greta Aeby	Hawaii Institute of Marine Biology (HIMB)	Kauai Coral Disease Study		1	26,000
UNIVERSITY HAWAII FOUNDATION	Randal Kai Wada	Department of Nursing	Pediatric Oncology Research	Pediatric Oncology Research: These funds provide salary and laboratory supply support for research on childhood cancer.	1	21,503
UNIVERSITY HAWAII FOUNDATION	Stephen Karl	Hawaii Institute of Marine Biology (HIMB)	Disney HIMB Coral Reefs Year 2		1	23,417
UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	Marine Science	Puako Student Fund	The Puako Community Association (PCA) contacted the University of Hawaii at Hilo and requested that they conduct a study to determine whether sewage is entering their coastal waters and impacting their reef. Data from this study will be used to persuade Hawaii County to take needed action.	1	14,250

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ARIZONA GEOLOGICAL SURVEY	Nicole Lautze	Hawaii Institute of Geophysics and Planetology (HIGP)	HI Contribution to the National Geothermal Data System, Installing GIN-stack		1	12,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
JET PROPULSION LAB-JPL	Andrew Howard	Institute for Astronomy	Radial Velocity Data Review in Support of Direct Imaging Mission Concept Reports		1	80,091
Pioneer Hi-Bred International, Inc.	Anne Alvarez	Plant and Environmental Protection Sciences	Characterization of bacteria associated with diseases of Maize		1	7,400
Wyle Laboratories, Inc.	Veronica Bindi	Department of Physics and Astronomy	Study of Proton Fluxes and Plan for GCR Flux Data from Alpha Magnetic Spectrometer (AMS) Data	Pursuing the NASA interest in the AMS' s monthly low energy cosmic ray fluxes, the Space Radiation Analysis Group (SRAG) at NASA (led by Edward Semones) will work together with the Alpha Magnetic Spectrometer (AMS) at the University of Hawaii (led by Veronica Bindi) to set up a long term plan.	1	51,759

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Children's Hospital of Philadelphia	Robert Wilkinson	Clinical Sciences	Cancer Trials Support Unit (CTSU) Phase II Supplemental Payments (N02-CM-62212)		1	3,000
RIVERSIDE RESEARCH INSTITUTE	Junji Machi	Department of Surgery	Advanced Ultrasonic Evaluation of Sentinel Lymph Nodes	Using special advanced ultrasound techniques, we are trying to make a diagnosis of cancer in lymph nodes, which will help pathologists. We focus on sentinel lymph nodes of breast cancer so that diagnosis of lymph nodes metastasis will be improved in a non-invasive way.	1	70,000

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	1	75,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				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.		
CONSORTIUM FOR OCEAN LEADERSHIP	Gregory Moore	Department of Geology and Geophysics	Participation by Katie B. Taladay in IODP Exp 353		1	11,017
Lowell Observatory	Robert Jedicke	Institute for Astronomy	The Mission Accessible Near-Earth Objects Survey (MANOS) NNX14AN82G Sub-Award Through Lowell Observatory		1	36,035
Mount Cuba Astronomical Foundation	Christoph J Baranec	Institute for Astronomy	Extremely wide-field adaptive optics for precision astrometry of exoplanets		1	96,400
Palo Alto Veterans Institute for Research, Inc.	Erin Bantum	Social and Behavioral Sciences	Impact of Social Networking on Dose and Effects of Cancer Survivorship Trials		1	106,325
PLANETARY SCIENCE INSTITUTE	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Restoring Dawn Framing Camera Multi-Band Data of Vesta to Full Spatial and Photometric Accuracy		1	19,927

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Exploration of New Upper Ocean Circulation Dynamics through Synergy of the SWOT Satellite Mission and 1/30-deg Ocean General Circulation Model	This proposal seeks participation in the prelaunch Science Definition Team for the Surface Water and Ocean Topography (SWOT) satellite mission. Our specific goal is to characterize and understand the nature and roles of mesoscale and sub-mesoscale eddies in the upper ocean circulation dynamics. In particular, we are interested in utilizing the output from a high-resolution (with a 1/30 deg x 1/30 deg horizontal grid and 100 vertical levels) Ocean General Circulation Model to help evaluate the science requirements for the SWOT	1	89,874

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				mission planning and development. An improved understanding of the ocean surface topography in the mesoscale and sub-mesoscale ranges will lead to increased predictability of the time-varying upper ocean circulation and thermal structures, both of which are important to the climate variability on the longer timescales.		
NATIONAL AERONAUT & SPACE ADM	Daniel O'gara	Institute for Astronomy	NNG11383774-3M Satellite Laser Ranging Support Services for the Transportable Laser Ranging System (TLRS-4) Haleakala, Maui	Support services, maintenance and calibration of the TLRS-4 system on Haleakala Summit, Maui.	1	150,000
NATIONAL AERONAUT & SPACE ADM	David Ho	Department of Oceanography	Seasonal variability in dissolved inorganic carbon fluxes in a mangrove ecosystem		1	41,025
NATIONAL AERONAUT & SPACE ADM	Jeffrey Kuhn	Institute for Astronomy	Using microsecond solar astrometry to reveal the Sun's atmosphere and interior structure	The SDO/HMI instrument opens new opportunities for ultra-precise solar limb astrometry. Using tools developed for MDI and for the HMI data pipeline our team proposes to use HMI data over a three year period to: 1) Measure 5-min p-mode oscillation modal brightness and direct vertical displacement amplitudes to test oscillation excitation models and learn about the solar atmosphere 2) Use sensitive long-duration (12 years MDI + 5 yrs HMI) limb astrometry to measure long-period r- and g-mode oscillation properties at the solar limb 3) To measure the solar shape (including the solar oblateness) from solar minimum to maximum with the largest precision and accuracy achievable to date 4) To directly measure extreme solar limb scattering polarization at better than a 10^{-4} level to test optical scattering models of the solar atmosphere 5) To sensitively look for small variations in the solar radius from 12yr of MDI and 5 years of HMI observations to measure global variations in the interior and atmosphere solar structure during a solar cycle.	1	132,965

Gift, Grants, and Contracts for Nov 1, 2014 to Nov 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>	1	200,000

Gift, Grants, and Contracts for Nov 1, 2014 to Nov 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	Nikolai Maximenko	International Pacific Research Center (IPRC)	Multi-Scale Enhancement of Sea Surface Salinity Products Through Synthesis of Satellite and in Situ Observations		1	86,861
NATIONAL AERONAUT & SPACE ADM	Oleg Melnichenko	International Pacific Research Center (IPRC)	Ocean Water, Heat and Salt Transport by Mesoscale Eddies		1	70,805
NATIONAL AERONAUT & SPACE ADM	Richard Wainscoat	Institute for Astronomy	NEO Discovery and Characterization with the Pan-STARRS PS1 Telescope	We will use the Pan-STARRS PS1 telescope system to rapidly survey large areas of the sky to search for and characterize NEOs	1	475,508

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Bruce Houghton	Department of Geology and Geophysics	Collaborative Research: ELUCIDATING CONDUIT, ERUPTION AND PYROCLAST TRANSPORT DYNAMICS OF LARGE SILICIC SUBMARINE ERUPTIONS		1	73,032

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ARIZONA, UNIVERSITY OF	Donald Hall	Institute for Astronomy	ASIC Development Testing for the James Webb Space Telescope	To continue the performance of application specific integrated circuit development testing for space telescopes	1	39,979
ARIZONA, UNIVERSITY OF	Klaus Hodapp	Institute for Astronomy	JWST Near Infrared Camera Co-Investigator Support	Develop an observational program using JWST to address a broad spectrum of scientific issues, advising the NIRCcam PI and developing required data analysis	1	39,979
CALIFORNIA INST OF TECHNOLOGY	David Tholen	Institute for Astronomy	NEOWISE Reactivation: Orbital Element Updates for Known Solar System Object Association		1	25,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CALIFORNIA SAN FRANCISCO, UNIV	Bruce Shiramizu	Department of Tropical Medicine, Medical Micro and Pharm	University of Hawaii Subcontract with UCSF AIDS & Cancer Specimen Resource		1	58,383
JOHNS HOPKINS UNIVERSITY	Jeffrey Gillis-davis	Hawaii Institute of Geophysics and Planetology (HIGP)	Thermal and Irradiation Space Weathering Processes		1	53,000
JOHNS HOPKINS UNIVERSITY	Linda Chang	Department of Medicine	Development of Quantitative MRI/DTI Analysis Tool for Pre-Term Neonate	Our long-term goal is to use quantitative MRI analysis technologies to detect anatomical abnormalities in prematurely born neonates at the term-equivalent age and provide early prognostic markers for later functional outcomes.	1	245,497
MICHIGAN, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Consortium for Verification Technology		1	260,000
NORTHEASTERN UNIVERSITY	Marcus Tius	Department of Chemistry	Endocannabinoid Active Sites and Therapeutic Targets	Work will focus on the asymmetric synthesis of the first two structural motifs, the bifunctional tricyclic hybrid cannabinoids. The cross-coupling chemistry that has been recently developed in our research group will be employed to append the side chain to a common advanced intermediate for the tricyclic nucleus.	1	39,236
SOUTHERN CALIFORNIA, UNIVERSITY OF	Jane Onoye	Department of Psychiatry	Assessing and Improving Cognitive Measures in the HRS: Merit Extension		1	91,200
STANFORD UNIVERSITY	Loic Le Marchand	Cancer Etiology	Colon Cancer Family Registry Cohort	This study will maintain the infrastructure of the Colon Cancer Family Registry Cohort and collect and analyze data of subsequent incident cases of colon cancer of existing cohort members.	1	13,000
TEXAS-SAN ANTONIO, UNIVERSITY OF	Yukiko Yamazaki	Institute for Biogenesis Research	Epimutation in Offspring Produced by Assisted Reproductive Technologies (ART)		1	195,492

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
YALE UNIVERSITY	Wei Jia	Cancer Etiology	Chinese Herbal Medicine as a Novel Paradigm for Cancer Chemotherapy	The Metabolomics work involves biological sample treatment, mass spectral analysis, and data analysis of the clinical specimens from patients with colon cancer. Differential serum/plasma metabolites and metabolic pathways will be identified in the metabolomic study as potential biomarkers to diagnose colon cancer and evaluate the outcome of the drug intervention.	1	28,049
Research - Total					77	7,961,969

Non-Research

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED	Diane Taylor	Department of Tropical Medicine, Medical Micro and Pharm	International Biomedical Research for Hawaiian & Pacific Island Students	The goal of this training grant is to teach underrepresented minority students in Hawaii, who primarily of Hawaiian, Pacific Island and Filipino descent, basic concepts in biomedical research. The program is designed for nine undergraduate and one graduate student annually to conduct research in Cameroon and Thailand and learn about global health disparities. The program supports NIHs goal of encouraging minority and other underrepresented students to seek careers in biomedical research.	1	242,883
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL HEART LUNG & BLD INST	Alika Maunakea	Department of Native Hawaiian Health	Identifying Epigenetic Biomarkers of Cardiovascular Disease Risk in Humans		1	149,778

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED NATL OCEAN SVC	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	Memorandum of Agreement - MOA-2014-054/8951		1	50,000

ED-Dept of Education

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Kekuhi Kanae K. Kealiikanakaolei	Chancellor, Hawaii Community College	Kulukuluua: 5-year Development Grant	The proposed project will (1) increase the course completion rates of Native Hawaiian students; (2) increase the number of Native Hawaiians re-enrolling and completing their degree in Hawaii Life Styles Academic Program, and (3) increase levels of student engagement for persistence and degree completion.	1	30,000
EDUCATION, DEPT-FED	Kirstin Pauka	Center for Southeast Asian Studies	Foreign Language and Area Studies Fellowships		1	348,000
EDUCATION, DEPT-FED	Kirstin Pauka	Center for Southeast Asian Studies	National Resource Center (NRC) Program - Southeast Asian Studies		1	239,400
EDUCATION, DEPT-FED	Terence Wesley-Smith	Center for Pacific Islands Studies	National Resource Centers (NRC) Program Foreign Language and Area Studies Fellowships Program		2	405,000
EDUCATION, DEPT-FED FULBRIGHT HAYS PGM	Julienne Maeda	Graduate Education	Fulbright-Hays application 2014	Fulbright Hays application for doctoral research abroad.	1	41,793
EDUCATION, DEPT-FED REHAB SVCS ADMIN	Kathryn Yamamoto	Department of Kinesiology and Rehabilitation Science	Building Capacity for the Evolving Field of Vocational Rehabilitation		1	200,000

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KOREA INSTITUTE OF OCEAN SCIENCE & TECHNOLOGY	Aviam Soifer	William S. Richardson School of Law	2013 Jon Van Dyke Symposium		1	48,725
Okinawa Enetech Co., Inc.	Leon Roose	Hawaii Natural Energy Institute (HNEI)	Formulation of a Self-Sufficient Energy Supply System in the Marshall Islands		1	19,000
Tohoku University	Jeffrey Kuhn	Institute for Astronomy	PLANETS Telescope Mirror Design and Acquisition	Mirror preparation, robot arm and mirror support.	1	92,000

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MAUI COUNTY COMMUNITY TELEVISION	Clyde M. Sakamoto	Chancellor, UH Maui College	MCTV Educational Access Activities, Responsibilities, Services For Higher	UHMC operates, maintains, creates programming and manages the	1	78,184

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
			Education - Channel 55 (MCTV) Services and Activities	broadcast/cablecast operations of MCTV, Cable 55. Operations are coordinated by The Media Center. The channel is operated 24/7/365.		

Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Leonard Woods	Vice Chancellor for Student Affairs	Summer Food Service Program - Upward Bound - UH Hilo	Summer Upward Bound Meals Reimbursement	1	22,550
EDUCATION, DEPT-HI	Vernon Roley	Shidler College of Business	HIGH SCHOOL BUSINESS AND MARKETING PLAN COMPETITION (MOA D15-032)		1	12,000

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CITY & COUNTY HONOLULU	James H. Pietsch	William S. Richardson School of Law	University of Hawaii Elder Law Program - Caregivers Support	Provide legal information services to family caregivers and their care receivers 60 years and older.	1	49,000
CITY & COUNTY HONOLULU	James Pietsch	William S. Richardson School of Law	University of Hawaii Elder Law Program - Caregiver Access Legal Services		1	20,000
Hawaii Energy	Stephen Meder	Facilities Management	Energy Efficiency Professional Development		1	17,000
HEALTH, DEPT-ALCOHOL & DRUG ABUSE DIV-HI	Ji-yeon Kim	Center on the Family	Service to support, monitor, and report on the substance abuse treatment services and assist in development, implementation, and improvement of WITS	To provide a range of services to support, monitor, and report on the substance abuse services provided by agencies funded by STATE, Division of Alcohol and Drug Abuse.	1	230,000
HUMAN SERVICES, DEPT-HI	Marianne Berry	Center on the Family	Learning to Grow Project, 2014-15		1	687,762
HUMAN SERVICES, DEPT-HI	William Mihalke	Center on Disability Studies/University Affiliated Pgms	Memorandum of Agreement: Benefits Planning		1	7,204
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Control of Little Fire and Emerging Pest Ant Species in Hawaii		1	287,394

Gift, Grants, and Contracts for Nov 1, 2014 to Nov 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	Core Support for Coordinating Group on Alien Pest Species (CGAPS) Project	Supporting the Coordinating Group on Alien Species whose aim is to engage in inter/intra agency communication and educating and raising awareness of invasive species issues in the State.	1	64,094
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Kauai Watershed Protection and Management		1	111,845
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Kure Atoll Ecological Research Field Station Project Offshore Island Habitat Management & Restoration	The objective of the Kure Atoll Ecological Research Field Station Project is to design and implement a comprehensive wildlife habitat restoration and natural resources education program that supports management actions needed to protect and maintain native wildlife resources and ecosystem function at Kure Atoll State Seabird Sanctuary. This project will provide support for the newly established Papahānaumokuākea Marine National Monument and a broad range of organizations, agencies and individuals engaged in research on Northwestern Hawaiian Island ecosystems.	1	50,000
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Na Ala Hele Trail and Access Program - Kauai	The objective of this project is to provide public outreach, trail monitoring, volunteer coordination as well as continue standard maintenance on Kauais public hiking trails, roads and management areas in a manner consistent with Division of Forestry and Wildlife (DOFAWs) statewide trail and access program.	1	50,954
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Oahu Wildlife Habitat Restoration and Management		1	278,639
TRANSPORTATION, DEPT-HI	Jason Maddock	Office of Public Health Studies	Get Fit Kauai Safe Routes to School Project		1	24,629

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KAPIOLANI MEDICAL SPECIALIST	Randal Wada	Department of Nursing	Faculty Services Agreement UH SONDH and Kapiolani Medical Specialists		1	175,149

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

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Karen Lee	Office of the VP for Academic Planning and Policy	Hawaii Community Foundation's Connecting for Success Initiative		1	111,078
PAC RESOURCES FOR ED & LEARNING (PREL)	Francis Marion Pottenger III	Curriculum Research and Development Group	Pacific Islands Climate change Education Partnership (CCEP), Phase II		1	15,000
School for Examining Essential Questions about Sustainability	Chad Miller	UHM Uehiro Academy for Philosophy and Ethics in Education	Services Contract for SEEQS Professional Development # 3		1	24,000
UNIVERSITY HAWAII FOUNDATION	Christopher Stickley	Department of Kinesiology and Rehabilitation Science	Mid-Flexion Instability in Total Knee Arthroplasty Patients		1	18,857
UNIVERSITY HAWAII FOUNDATION	Constantinos S Papacostas	Civil and Environmental Engineering	Yee Visiting Professor in CEE		1	43,700
UNIVERSITY HAWAII FOUNDATION	Denise Konan	College of Social Sciences	No Mo Haus Program		1	750
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Astronomy Center Membership		1	122,332
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	K-12 Field Education Programs	To pay for staff salary costs for 6 months for education programs related to audiences of K-12.	1	33,381
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	K-12 Field Trip Programs		1	32,616
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Kanemura Scholarship	Kanemura Internship at 'Imiloa - funds to be used in support of UHH student intern stipends for projects to be developed and performed/delivered at the 'Imiloa Astronomy Center of Hawai'i.	1	2,000
UNIVERSITY HAWAII FOUNDATION	Sang-Hyop Lee	Center for Korean Studies	Basic Institutional Needs	Pay for student hourly wages.	1	15,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Sharon Ziegler	Vice Chancellor for Research	UH Hilo Pacific Internship Programs for Exploring Science	This is to provide funding for salary support for project employees from funding UH Foundation received from Hau`oli Mau Loa Foundation for support of PIPES.	1	85,610
UNIVERSITY HAWAII FOUNDATION	Song K Choi	College of Engineering	Hi Chang Chai Excellence in Teaching Award	The funds are used to provide three excellence in teaching awards for faculty members in the College of Engineering.	1	3,000
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	32,187

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Association of Directors of Geriatric Academic Programs	Aida Wen	Department of Geriatric Medicine	ADGAP CRIT	The Chief Resident Immersion Training, CRIT, program improves Chief Residents understanding of geriatrics principles and leadership and teaching skills. It will foster collaboration among disciplines in the management of medically complex older patients. Program participants include both Chief Residents and faculty responsible for residency training in surgical and medical specialties.	1	36,000
NATIONAL ACADEMIES	Julienne Maeda	Graduate Education	2014 Ford Fellowship Cost of Education		1	8,000
UNIVERSITY CORP ATMOSPHERIC RSCH	Christina Higa	Social Science Research Institute	MapTak and RapidCast Training and Tracking	UH TASI will work to update and keep current Maptack.org via numerous communications and data requests to partners through the Pacific.	1	52,800

National Science Foundation

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Krystyna Aune	Graduate Education	Graduate Research Fellowship Program	To provide graduate students the opportunity to further their education by funding their research projects.	1	688,000

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ARIZONA, UNIVERSITY OF	Valerie Yontz	Dept of Public Health Sciences and Epidemiology	Western Region Public Health Training Center		1	80,000
CALIFORNIA LOS ANGELES, UNIV	Linda Chang	Department of Medicine	Infrastructure for NIDA Clinical Trials Network (NIDA-CTN)	The PI and her staff will develop and maintain an appropriate and safe clinical research infrastructure in order to participate in and conduct eligible clinical trials through the NIDA Clinical Trials Network (CTN).	1	250,000
WASHINGTON, UNIVERSITY OF	Joseph Kaholokula	Department of Native Hawaiian Health	Mahina Project: International Indigenous Health Research Training Program		1	51,693
Non-Research - Total					51	5,738,987
Overall - Total					128	13,700,956

Funds Received from UH Foundation for Nov 1, 2014 to Nov 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	Sang-Hyop Lee	Center for Korean Studies	Basic Institutional Needs	Pay for student hourly wages.	1	15,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Song K Choi	College of Engineering	Hi Chang Chai Excellence in Teaching Award	The funds are used to provide three excellence in teaching awards for faculty members in the College of Engineering.	1	3,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Astronomy Center Membership		1	122,332
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	K-12 Field Education Programs	To pay for staff salary costs for 6 months for education programs related to audiences of K-12.	1	33,381
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	K-12 Field Trip Programs		1	32,616
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Kanemura Scholarship	Kanemura Internship at 'Imiloa - funds to be used in support of UHH student intern stipends for projects to be developed and performed/delivered at the 'Imiloa Astronomy Center of Hawai'i.	1	2,000
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	32,187

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

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Christoph Stickley	Department of Kinesiology and Rehabilitation Science	Mid-Flexion Instability in Total Knee Arthroplasty Patients		1	18,857
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Denise Konan	College of Social Sciences	No Mo Haus Program		1	750
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Sharon Ziegler	Vice Chancellor for Research	UH Hilo Pacific Internship Programs for Exploring Science	This is to provide funding for salary support for project employees from funding UH Foundation received from Hau`oli Mau Loa Foundation for support of PIPES.	1	85,610
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Constanti S Papacos	Civil and Environmental Engineering	Yee Visiting Professor in CEE		1	43,700

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Stephen Karl	Hawaii Institute of Marine Biology (HIMB)	Disney HIMB Coral Reefs Year 2		1	23,417
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Greta Aeby	Hawaii Institute of Marine Biology (HIMB)	Kauai Coral Disease Study		1	26,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Diane Taylor	Department of Tropical Medicine, Medical Micro and Pharm	Malaria Research Enhancement	Research on Malaria.	1	8,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Randal Kai Wada	Department of Nursing	Pediatric Oncology Research	Pediatric Oncology Research: These funds provide salary and laboratory supply support for research on childhood cancer.	1	21,503

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

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Tracy Wiegner	Marine Science	Puako Student Fund	The Puako Community Association (PCA) contacted the University of Hawaii at Hilo and requested that they conduct a study to determine whether sewage is entering their coastal waters and impacting their reef. Data from this study will be used to persuade Hawaii County to take needed action.	1	14,250
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Fernando Martinez	Hawaii Institute of Geophysics and Planetology (HIGP)	Seafloor Hydrothermal Research	This project will continue research on the geologic variables affecting seafloor hydrothermal systems in backarc basins.	1	98,023
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanograph	Victor and Peggy Brandstrom Pavel Endowed Chair in SOEST		1	50,000
Overall - Total						18	630,626

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

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	3	189,299	2%
DHHS-Dept of Health and Human Services	1	13,670	0%
DOC-Dept of Commerce	2	120,459	2%
DOD-Department of Defense	7	829,407	10%
DOI-Dept of Interior	3	103,705	1%
Hawaii- Business and Other	3	132,924	2%
Hawaii- Government Agencies	17	3,309,320	42%
Hawaii- Non-Profit Organizations	8	285,346	4%
Mainland- Business and Other	4	151,250	2%
Mainland- Health Organizations	2	73,000	1%
Mainland- Non-Profit Organizations	6	344,704	4%
National Aeronautics and Space Administration	8	1,247,038	16%
National Science Foundation	1	73,032	1%
US Colleges and Universities	12	1,088,815	14%
Overall - Total	77	7,961,969	100%

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

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	2	392,661	7%
DOC-Dept of Commerce	1	50,000	1%
ED-Dept of Education	7	1,264,193	22%
Foreign	3	159,725	3%
Hawaii- Business and Other	1	78,184	1%
Hawaii- Dept of Education	2	34,550	1%
Hawaii- Government Agencies	13	1,878,521	33%
Hawaii- Health Organizations	1	175,149	3%
Hawaii- Non-Profit Organizations	14	539,511	9%
Mainland- Non-Profit Organizations	3	96,800	2%
National Science Foundation	1	688,000	12%
US Colleges and Universities	3	381,693	7%
Overall - Total	51	5,738,987	100%

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

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	34	8,569,342	6%
DHHS-Dept of Health and Human Services	42	31,774,096	24%
DOC-Dept of Commerce	44	16,894,510	13%
DOD-Department of Defense	29	21,940,275	17%
DOE-Dept of Energy	7	1,935,505	1%
DOI-Dept of Interior	53	4,987,854	4%
Federal Agencies	5	399,252	0%
Foreign	12	1,514,257	1%
Hawaii- Business and Other	14	1,128,689	1%
Hawaii- Dept of Education	1	285,879	0%
Hawaii- Government Agencies	76	9,797,924	7%
Hawaii- Health Organizations	1	197,693	0%
Hawaii- Non-Profit Organizations	57	4,140,927	3%
Mainland- Business and Other	22	824,120	1%
Mainland- Health Organizations	4	344,747	0%
Mainland- Non-Profit Organizations	24	2,493,385	2%
National Aeronautics and Space Administration	30	4,582,067	3%
National Science Foundation	34	14,678,047	11%
US Colleges and Universities	53	5,365,007	4%
Overall - Total	542	131,853,576	100%

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

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	9	2,050,208	2%
DHHS-Dept of Health and Human Services	26	14,629,378	13%
DOC-Dept of Commerce	9	1,226,300	1%
DOD-Department of Defense	2	85,449	0%
DOI-Dept of Interior	7	163,728	0%
ED-Dept of Education	60	34,527,076	31%
Federal Agencies	7	15,385,508	14%
Foreign	21	3,280,816	3%
Hawaii- Business and Other	13	1,651,148	1%
Hawaii- Dept of Education	10	2,793,341	3%
Hawaii- Government Agencies	71	10,694,735	10%
Hawaii- Health Organizations	20	7,993,806	7%
Hawaii- Non-Profit Organizations	69	4,055,991	4%
Mainland- Business and Other	9	920,697	1%
Mainland- Non-Profit Organizations	14	937,826	1%
National Aeronautics and Space Administration	4	5,590,773	5%
National Science Foundation	11	4,867,787	4%
US Colleges and Universities	11	878,754	1%
Overall - Total	373	111,733,321	100%