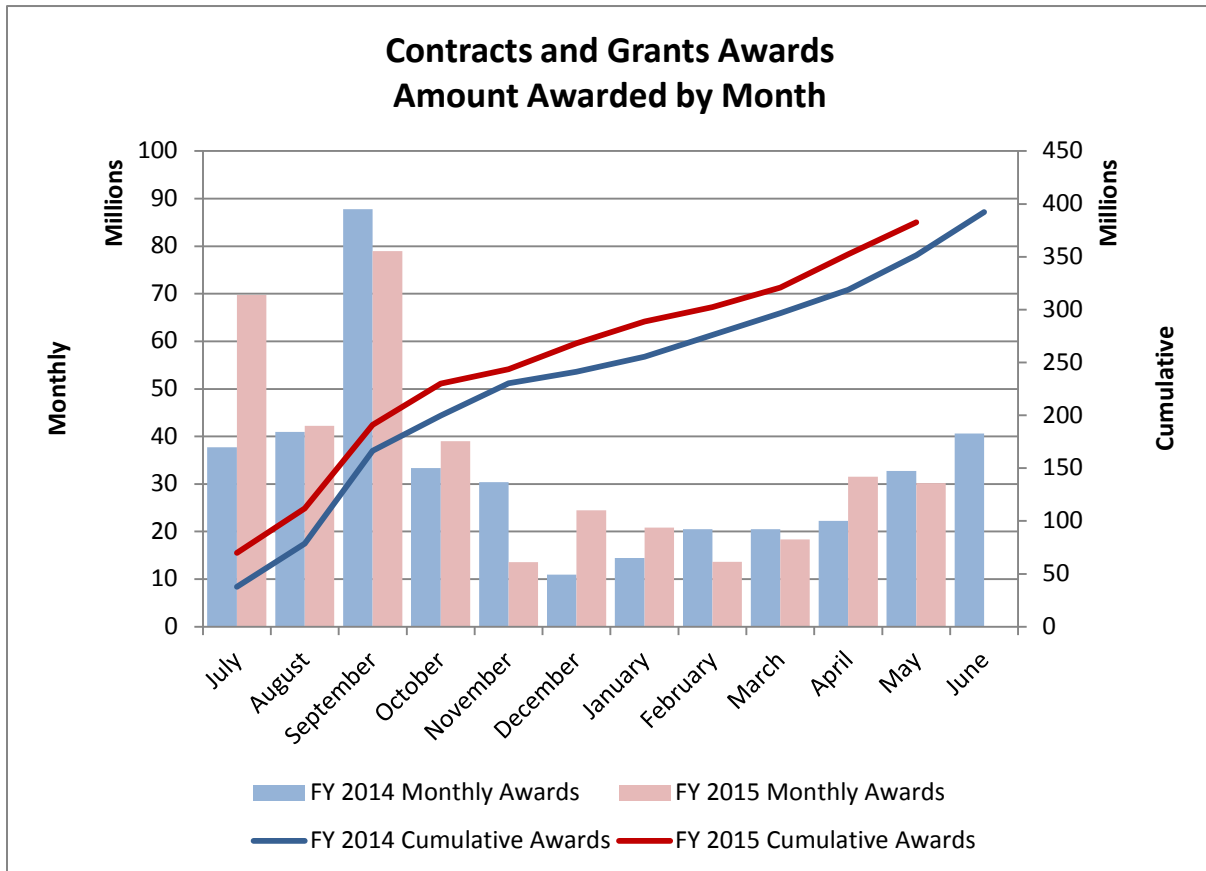
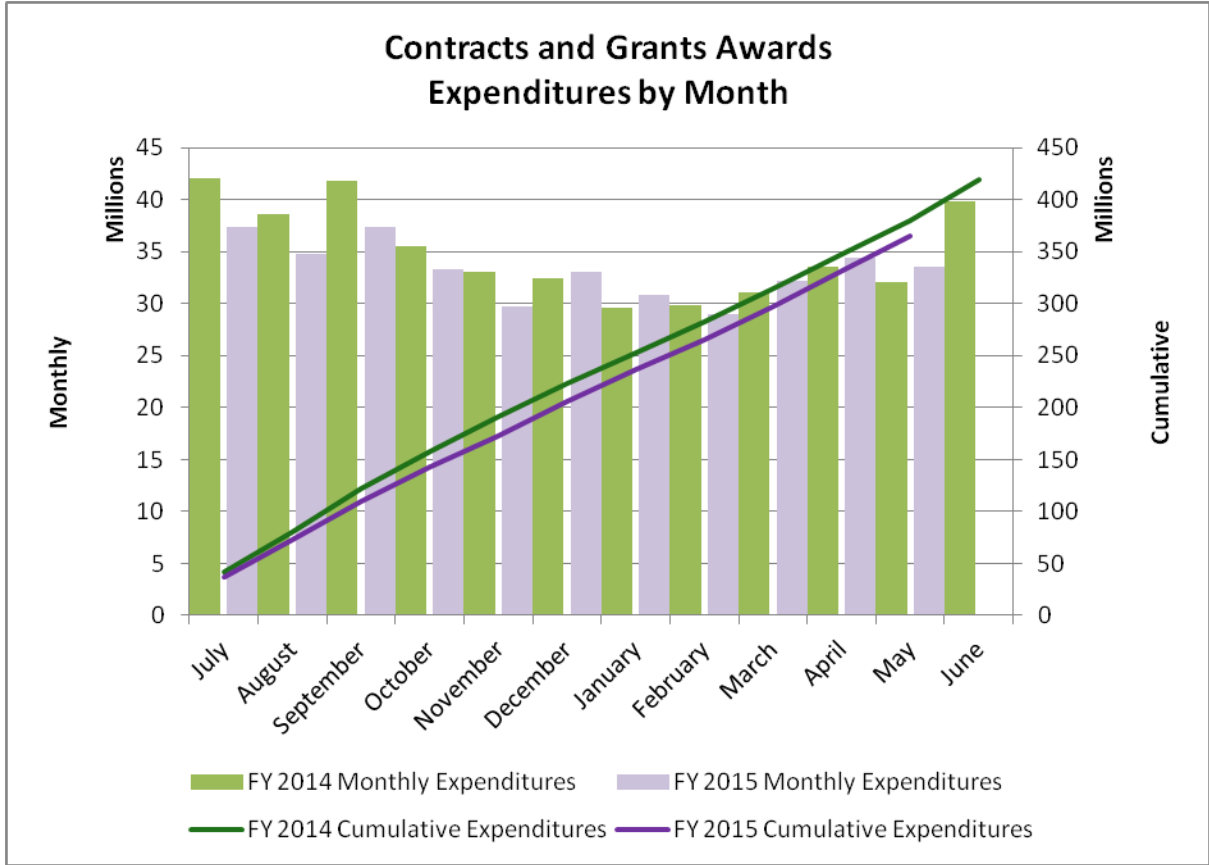


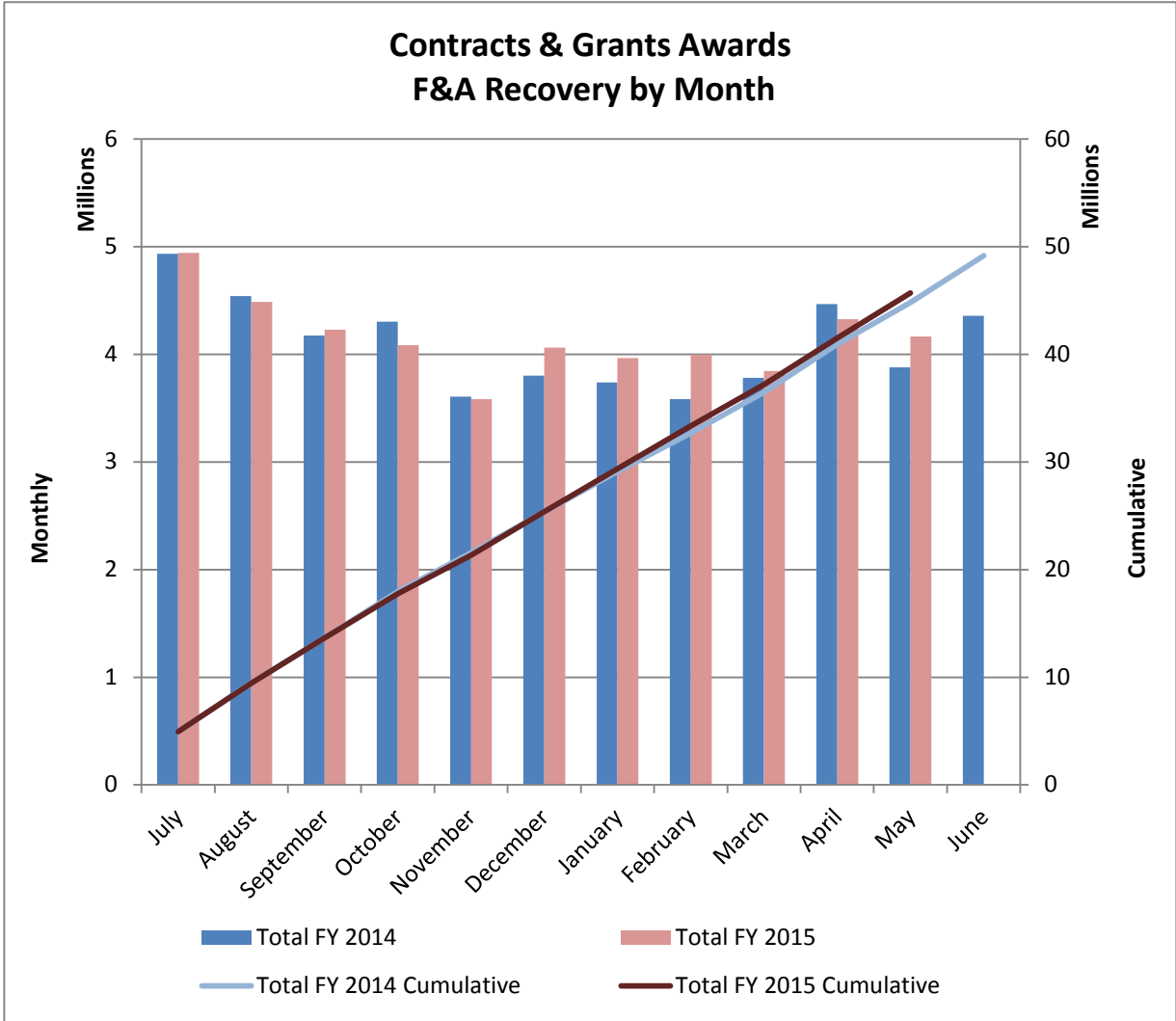
Contracts and Grants Awards
As of May 31, 2015



Contracts and Grants – Expenditures
As of May 31, 2015



Contracts and Grants Awards – F&A Recovery
As of May 31, 2015



Extramural Sponsor Awards Monthly Summary

<u>Program Type</u>	May 31, 2015		May 31, 2014	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Non-Research	53	\$14,258,725	57	\$16,796,065
Research	88	\$16,464,505	78	\$17,750,779
<u>Total</u>	<u>141</u>	<u>\$30,723,230</u>	<u>135</u>	<u>\$34,546,844</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: \$351,440,274

The unofficial FY 2015 year-to-date total is: \$382,548,727

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	25,000

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED	Mahavir Chougule	Pharmaceutical Sciences	Targeted Combination Therapy for Lung Cancer	Lung cancer is one of the leading causes of deaths in United States and non-small cell lung cancer (NSCLC) accounts for 85 % all lung cancers. Despite advances in chemotherapies, the success rate in the treatment of non-small cell lung cancer (NSCLC) remains unsatisfactory. The anti-VEGF bevacizumab therapy is associated with serious cardiovascular side effects and the outcome with combination chemotherapy is also poor. Recently, nanoparticles (NCs) generated interest however, the outcome of passively targeted NCs is limited due to reduced efficacy, target non-specificity, and toxicity. The clinical utility of siRNA has been hampered due to its off target effect, inability to enter cells and in vivo rapid elimination. Silencing VEGF using siRNA in combination with mTOR inhibitor using targeted multifunctional NCs (MHNCs-CV-Y) will exert significant anticancer activity while sparing normal cells. This is a novel approach using MHNCs-CV-Y to improve the clinical outcome among lung cancer patients by overcoming conventional therapies limitations. The objective of this proposal is to develop MHNCs-CV-Y targeting to tumor cells using targeting peptide for effective treatment of lung cancer. Our hypothesis is: delivery of targeted VEGF siRNA and mTOR inhibitor using multifunctional NCs will selectively target lung tumor cells and will show a	1	89,496

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				superior anticancer activity while evading normal cells. The specific aims are: 1) to formulate and characterize targeted multifunctional MHNCs-CV-Y; 2) to evaluate the in vitro efficacy and mechanism of MHNCs-CV-Y and 3) to evaluate in vivo efficacy of aerosolized developed MHNCs-CV-Y and underlying mechanism. The proposed studies have strong potential to demonstrate an untested and highly innovative approach for lung cancer treatment. The outcome of this project will ultimately improve the outcome of lung cancer treatment and will reduce the incidence of deaths with lung cancer in the United States.		
HEALTH & HUMAN SVC, DEPT-NIH-FED	Victor Andrew Stenger	Department of Medicine	Parallel MRI for High Field Neuroimaging		2	395,615
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Brenda Yukari Hernandez	Cancer Etiology	Surveillance, Epidemiology, and End Results (SEER) Program		1	1,379,356
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Haining Yang	Natural Products	The Role of HMGB1 in the Pathogenesis of Mesothelioma	This project is to study the role of HMGB1 in the mechanism by which asbestos causes mesothelioma. The successful completion of this project will lead the identification of new molecular targets for intervention and the development of novel strategies for the prevention and/or therapy of MM.	1	311,250
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Herbert Yu	Cancer Etiology	Epidemiologic Study of Hepatocellular Carcinoma in the US	This project will investigate the causes of hepatocellular carcinoma (HCC) among Americans and find the reasons responsible for the rise of HCC incidence in the US. The study plan to enroll 1,250 incident HCC cases and 2,500 population controls in the states of Connecticut and New Jersey.	1	1,460,631
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Joe Ramos	Natural Products	Regulation of Tumor Promotion by RasGRP1	Investigate the mechanisms of RasGRP1 participation in skin carcinogenesis and the cooperation with oncogenic Ras.	1	284,811

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-DEPUTY UNDR SECRETARY OF DEF	David Lassner	Pacific Disaster Center	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	4,385,293
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	49,999
Defense, Dept. - U.S. Army Research Office	Ralf Kaiser	Department of Chemistry	Untangling the Reaction Mechanisms Involved in the Decomposition of Model Compounds of Energetic Materials in the Condensed Phase		1	74,995
Defense, Dept. - U.S. Army Research Office	Tatyana Reshetenko	Hawaii Natural Energy Institute (HNEI)	Determination of Oxygen and Hydrogen Mass Transfer Coefficients in PEMFC GDE and Their Separation into Gas and Electrolyte Contributions		1	61,086

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	Clifford Morden	Department of Botany	Plant Extinction Prevention Program	Preserve samples of endangered native plant species while attempting to preserve wild specimens within their natural habitats.	1	850,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	H. Annamalai	International Pacific Research Center (IPRC)	Water Resources on Guam - Potential Impacts of Adaptive Response to Climate Change for DoD Installations		1	64,786
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Surveys for Avian Pathogens and Vectors in the Kahuku Ranch Unit of Hawaii Volcanoes National Park and Additional Native Forest Bird Habitat		1	21,408
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Vegetation Change Monitoring and Adaptive Management of Non-native Ungulates at the Big Island National Refuge Complex		1	100,000

Foreign

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Royal Botanic Gardens, Kew	Michael Thomas	Department of Botany	Hawaii-Kew Millennium Seed Bank Partnership.	The Royal Botanic Garden (RBG) Kew and the University of Hawaii's Herbarium (HAW) wish to work together to exchange data relevant for the planning, development and implementation of the Pacific Programme as part of the Seed Bank Partnership, a flagship project that aims to collect and conserve 25 per cent of the world's flora by 2020. RBG and HAW will work together to collect, study, and conserve plant material such as seeds, herbarium specimens and tissue samples of the Pacific Region, and to create and exchange associated data and images.	1	35,000
SINTEF	Stephen Masutani	Hawaii Natural Energy Institute (HNEI)	Fate of Subsea Dispersed Oil Droplets		1	80,000

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Arnold Hara	Plant and Environmental Protection Sciences	Best Management Practices and Quarantine Treatments for the little fire ant (LFA), <i>Wasmannia auropunctata</i> , on Commodities from Hawaii Island		1	95,000
HEALTH, DEPT-HAZARD EVAL & EMERGENCY RESPONSE	Robert Richmond	Pacific Biosciences Research Center	Biomarkers of Toxicant Exposure in Corals in Pearl Harbor, Hawaii	In collaboration with the Hawaii State Department of Health, the U.S. National Park Service, the U.S. Geological Survey and the Navy, corals will be assayed for the presence of molecular biomarkers of exposure to a variety of toxicants including PCB's and PAH's. Following identification of the key classes of proteins up-regulated, the target proteins will be quantified for use in measuring the effectiveness of mitigation measures.	1	24,500
HUMAN SERVICES, DEPT-OYS-HI	Meripa Godinet	School of Social Work	Analysis of Juvenile Crime Problems and Juvenile Justice Needs 2012-2014		1	51,000
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	119,492

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	33,670
LAND & NATURAL RES, DPT-FORST (DLNR)	Brenden Holland	Pacific Biosciences Research Center	Hawaiian Tree Snail Conservation Lab Operating Costs	Operational funds are being requested for Hawaiian Tree Snail Conservation Lab	1	17,973
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Koolau Mountains Watershed Partnership: Manana Invasive Plant Control	Attempt and assess a long-term containment effort for various high-threat invasive plants in the vicinity of Manana trail, O'ahu.	1	16,216
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Native Ecosystems Protection and Management Oahu Project Coordination	Conduct ecosystem management activities on forested and watershed areas on Oahu.	1	21,871
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Oahu Hunting Mapping and Outreach Monitoring	Collect forest use information to assist with outreach and education for upcoming ungulate control activities with the Waianae Mountain Watershed Partnership.	1	41,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Forest Restoration on Mauna Kea	Restore native forest areas on Mauna Kea to mitigate the declining population of endangered native Palila, a finch-billed honeycreeper.	1	91,120
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	77,858
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Oahu Elepaio and White Tern Surveys and Habitat Management	Objectives of the project is to determine the abundance and distribution of populations of th White Tern in S. Oahu and to establish avoidance protocol to avoid take. Project will also establish transects and study plots of the Elepaio and to inventory native plant species and remove non-native plant species within the transects and management sites.	1	25,000

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Clifford Morden	Department of Botany	Preventing the Extinction of Gouvania vitifolia in the Waianae Mountains, Oahu	Prevent the extinction of a federally and state-listed endangered plant species, Gouania vitifolia by protecting native habitat in the Waianae Mountains, Oahu.	1	26,000

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Clifford Morden	Department of Botany	Protecting Maui's wahi pana: volunteer-based restoration of entombotically important Auwahi forest	Preserve and restore biological and cultural resources at Auwahi forest.	1	25,000
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Olivier Le Saux	Department of Cell and Molecular Biology	Exploring the Physiological Roles of ABCC6 in Vascular Biology		1	50,000
NATURE CONSERVANCY, THE-HAWAII	Megan Donahue	Hawaii Institute of Marine Biology (HIMB)	TNC-PMNM Coral Disease Monitoring Program Postdoc Support		1	50,000
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford Morden	Department of Botany	East Maui Watershed Partnership Invasive Ginger Control	Control invasive Himalayan ginger (#1 priority weed species) to protect native plants and animals on Maui.	1	50,683
TRI-ISLE RES CONSERVATION & DEV COUNCIL	David Duffy	Department of Botany	Early Detection and Rapid Response to Invasive Pests on Oahu		1	34,348
TRI-ISLE RES CONSERVATION & DEV COUNCIL	David Duffy	Department of Botany	Maui Nui Seabird Recovery Project	Continue to perform Maui seabird recovery and monitoring and enhance outreach and education efforts.	2	30,273
TRI-ISLE RES CONSERVATION & DEV COUNCIL	David Duffy	Department of Botany	Maui Nui Seabird Recovery Project: Outreach for Seabirds	Perform seabird recovery and monitoring actions to "Save Our Seabirds" and provide awareness to the public.	1	22,103
UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	Kudo Chair	Faculty salary and fringe benefits for the Kudo Chair of Law	1	32,089
UNIVERSITY HAWAII FOUNDATION	Jerris Hedges	University of Hawaii Cancer Center	CRCH General Research Fund		1	100,000
UNIVERSITY HAWAII FOUNDATION	Mark Hixon	Department of Biology (Biology Program)	Hsiao Endowed Chair		1	62,274
UNIVERSITY HAWAII FOUNDATION	Therese Gruter Nell	Department of Second Language Studies	Processing questions in English: A Visual-World Eyetracking Study	Processing questions in English: A Visual-World Eyetracking Study	1	2,265
UNIVERSITY HAWAII FOUNDATION	Thomas Jackson	Philosophy (UH Manoa)	Philosophy for Children Research Associate	The Philosophy for Children Research Associates will gather data and conduct research on the effectiveness of a proposed "Philosopher in Residence" initiative at two public schools in Hawaii	1	6,000

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
FirstPass Engineering	William Ditto	Department of Physics and Astronomy	Computing With Chaos	In common terminology, chaos refers to a state of randomness or unpredictability. Chaos has a different meaning in physics and mathematics. In physics, chaos is a structured but irregularly patterned behavior displaying an extraordinary sensitivity to initial conditions. Work done by the principals of the proposal has proven that logic elements can be built with chaotic elements and can replicate basic digital logic functions. This technology takes advantage of the extraordinary sensitivity of this chaotic system to provide multiple behaviors and to morph behaviors extremely quickly and reliably. In phase I of the STTR project, we studied and investigated how new circuits and systems can be designed based on the chaos theory. In this phase of the project, we focus more on implementation and how we can implement the designs.	2	100,000
LAWRENCE LIVERMORE NATL LAB	John Learned	Department of Physics and Astronomy	Watchman related studies	Assist the WATCHMAN collaboration with the analysis of data from their MARS and Watchboy projects.	1	47,000
NATHAN ASSOCIATES INC.	David Lassner	Pacific Disaster Center	USAID US-ATAARI Program	US-ATAARI Program Nathan Inc. Prime	1	250,000
Vencore	Lloyd Hihara	Mechanical Engineering	Worldwide Deployment of Portable Exposure Racks for Corrosion Studies		1	31,846
Wyle Laboratories, Inc.	Lloyd Hihara	Mechanical Engineering	Ceramic Corrosion Testing	Conduct research and testing of ceramic and aluminum couples.	1	140,068

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Alliance for Clinical Trials in Oncology	Jeffrey Berenberg	Clinical Sciences	Alliance for Clinical Trials in Oncology Institutional Membership Application		1	3,000
BATTELLE MEMORIAL INSTITUTE	Gary Varner	Department of Physics and Astronomy	Carbon Sequestration Muon Detector (CSMD readout	Support the design, development, and delivery of a readout system for first concept demonstrator prototype.	1	24,975

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CARNEGIE INSTITUTE WASHINGTON	Przemyslaw Dera	Hawaii Institute of Geophysics and Planetology (HIGP)	From Compression Behavior of Molecular Forces to Factors Controlling Thermochemistry and Stability for Stockpile Materials	Within this project we propose to use a unique combination of experimental tools and techniques, including in situ single crystal diffraction, total scattering, Raman and optical absorption spectroscopy to study compression behavior of selected group of molecular energetic materials and their stable analogs at high pressure and temperature conditions, as well as products of their decomposition. A support for one graduate Ph.D. student (salary, benefits, travel expenses and some materials/supplies) are requested.	1	58,143
Monterey Bay Aquarium	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Movement patterns, environmental preferences and husbandry of sharks and rays of Hawaii	This is an ongoing, multi-faceted project that includes several inter-related aspects of the biology of sharks and rays found in and around Kaneohe Bay, Oahu. In addition to the intrinsic value of understanding the biology of these fishes (and their husbandry requirements), this project will also help elucidate the role that these species play in the ecology of Kaneohe Bay. Insights into their sensory biology may assist in conservation of these species.	1	50,000
UNIVERSITIES SPACE RESEARCH ASSN	G Taylor	Hawaii Institute of Geophysics and Planetology (HIGP)	Inner Solar System Impact Processes: An integrated Analysis Using Extraterrestrial Samples, Astronomical Observations, and Modeling		1	41,451

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)	Early and late-stage disk processes recorded by chondritic components		2	92,279
NATIONAL AERONAUT & SPACE ADM	Alexander Krot	Hawaii Institute of Geophysics and Planetology (HIGP)	Mineralogy, Petrology, and Isotope Composition of Chondrite Components	To confirm a genetic relationship between rare flat earth element (chondrules), we propose to analyze isotope compositions and trace element abundances in rare chondrules. Using measuring instruments such as the Cameca lms-1280.	1	25,000

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Beei-Huan Chao	Mechanical Engineering	Flame Design: A Novel Approach to Clean Efficient Diffusion Flames	Investigate technologies that can be used to control diffusion flames such that the flames are strong and soot free. Applying these technologies, clean and efficient diffusion flames can be designed to reduce fuel consumption and pollutants generation in practical combustion devices.	1	15,000
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	97,467
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	230,323
NATIONAL AERONAUT & SPACE ADM	G Jeffrey Taylor	Hawaii Institute of Geophysics and Planetology (HIGP)	Sharing Discoveries in Cosmochemistry on the Internet	We will write articles for our online magazine, Planetary Science Research Discoveries www.psr.d.hawaii.edu .	1	96,000
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	76,000
NATIONAL AERONAUT & SPACE ADM	Jeffrey Gillis-davis	Hawaii Institute of Geophysics and Planetology (HIGP)	Proton and Laser Irradiation of Carbonaceous Chondrites: Towards an Understanding of How C-type Asteroids Space Weather		1	203,538

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	152,746
NATIONAL AERONAUT & SPACE ADM	Karen Meech	Institute for Astronomy	Archiving a 25-year Ground-Based Primitive Body Imaging Dataset	Archiving a 25-year Ground-based Primitive Body Imaging Dataset	1	120,000
NATIONAL AERONAUT & SPACE ADM	Kazuhide Nagashima	Hawaii Institute of Geophysics and Planetology (HIGP)	Oxygen-isotope investigations on chondrules and matrices from primitive meteorites		1	107,000
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	262,814
NATIONAL AERONAUT & SPACE ADM	Norbert Schorghofer	Institute for Astronomy	Modeling of Near-Surface Ice on Ceres		1	108,340
NATIONAL AERONAUT & SPACE ADM	Oleg Melnichenko	Department of Oceanography	Role of Oceanic Advection in Spatial and Temporal Variability of Sea Surface Salinity on Seasonal and Long Time Scales	Satellite observations of sea surface salinity and ocean currents will be analyzed together to investigate the role that ocean currents play in spatial and temporal variability of sea surface salinity	1	35,923
NATIONAL AERONAUT & SPACE ADM	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Mapping Space Weathering on Mercury		1	89,000
NATIONAL AERONAUT & SPACE ADM	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	TIRCIS: A Thermal Infrared, Compact Imaging Spectrometer for Small Satellite Applications		1	375,000
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	170,000
NATL AERONAUTICS & SPACE ADM-AMES RESEARCH CTR	Steven Howell	Department of Oceanography	ObseRvations of Aerosols above CLouds and their intEractionS (ORACLES)		1	265,570

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Alexander N Shor	School of Ocean and Earth Science and Technology	Oceanographic Technical Services, R/V Kilo Moana, 2012-2016	This project provides basic and specialized oceanographic technical services that enhance the scientific productivity of research programs aboard the R/V Kilo Moana (KM), a research vessel owned by the U.S. Navy, and operated by University of Hawaii under a charter party agreement with ONR and a cooperative agreement with NSF.	1	638,701
NATIONAL SCIENCE FOUNDATION	Craig Smith	Department of Oceanography	Collaborative Research: Fjord Ecosystem Structure and Function on the West Antarctic Peninsula - Hotspots of Productivity and Biodiversity? (FjordEco)		1	796,774
NATIONAL SCIENCE FOUNDATION	Jason Kumar	Department of Physics and Astronomy	Novel Dark Matter Models and Detection Strategies		1	80,000
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	12,000
NATIONAL SCIENCE FOUNDATION	Joseph T Jarrett	Department of Chemistry	Mechanistic Studies of the S-Adenosylmethionine Radical Enzyme Biotin Synthase	We will study the last biochemical reaction in the bacterial pathway for producing the essential vitamin biotin (Vitamin H). This reaction is catalyzed by an enzyme called biotin synthase, which uses a cluster of iron and sulfur ions to insert a new sulfur atom into biotin. Our studies will define the complete chemical mechanism for this process.	1	152,468
NATIONAL SCIENCE FOUNDATION	Paul Wessel	Department of Geology and Geophysics	Collaborative Research: Improving the Generic Mapping Tools for Seismology, Geodesy, Geodynamics and Geology		1	43,945

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

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	100,000
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

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Operational Support of Infrasound and Primary and Auxiliary Seismic Station for the International Monitoring System (IMS)		1	43,000
CALIFORNIA RIVERSIDE, UNIVERSITY OF	Daniel Jenkins	Molecular Biosciences and Bioengineering	Characterization of Liberibacter Populations and Development of Field Detection System for Citrus Huanglongbing		1	248,519
NEVADA LAS VEGAS, UNIVERSITY OF	Jinan Banna	Human Nutrition, Food and Animal Sciences	Completing an Application for NIH R21 Innovative Measurement Tools for Community Engaged Research Efforts		1	6,930
NORTH CAROLINA CHAPEL HILL, UNIV	Christoph J Baranec	Institute for Astronomy	Subaward to UNC-CH's proposal "The Robo-AO Survey of Kepler Exoplanet Hosts" to NASA NNH14ZDA001N-XRP		1	88,934

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
SOUTHERN CALIFORNIA, UNIVERSITY OF	Michael Rappe	Hawaii Institute of Marine Biology (HIMB)	Center for Dark Energy Biosphere Investigations (C-DEBI)	To participate in C-DEBI project as co-PI and coordinator of instrumentation development. Participate in cruises to Juan de Fuca Ridge flanks and North Pond, Atlantic Ocean.	1	112,446
UNIVERSITY ADVANCE CORP, CAL STATE NORTHRIDGE	Ruth Gates	Hawaii Institute of Marine Biology (HIMB)	RUI-LTREB Renewal: Three decades of coral reef community dynamics in St. John, USVI: 2014-2019		1	17,844
Research - Total					88	16,464,505

Non-Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-NATL INS FOOD AND AGRICULTURE	Ethel Villalobos	Plant and Environmental Protection Sciences	Beekeeping Calendars		1	149,884

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	Kelley Withy	Department of Complementary and Alternative Medicine	The Hawaii Science Career Inspiration (HiSCI) Program		1	243,001

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Christopher Ostrander	School of Ocean and Earth Science and Technology	Developing the Pacific Islands Ocean Observing System (PacIOOS)	Maintenance and continued development of the instrumentation, modeling, stakeholder engagement, and data management systems of the Pacific Islands Ocean Observing System PacIOOS), a regional component of the national Integrated Ocean Observing System (IOOS).	1	2,791,086

DOD-Department of Defense

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Richard Jones	Elementary Education	Pueo Prototyping Laboratory	Development of a Prototyping Laboratory as part of the UHWO STEM Center of Excellence.	1	274,728

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Kenneth Kaneshiro	Pacific Biosciences Research Center	USGS Pacific Island Climate Science Center Membership Dues for Hawaii Conservation Alliance.		1	9,000

ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Leonard D. Woods	Upward Bound	Upward Bound - Rural - East	The project will provide college preparatory services to 50 low-income and first-generation college bound high school participants yearly.	1	250,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Helen Cox	Chancellor, Kauai Community College	Crossing Cultures	KauCC will adapt the Kauhale concept of teaching and mentoring on and off campus to institute supporting mechanisms that include: increased Student Support Services and Mentoring; a new degree program in Pre-Engineering; an improved Polynesian Voyaging Certificate in Hawaiian Studies; three renovated Certificate options in Hawaiian Studies, and an Early College Experience Program Pilot Project for high school in Mathematics that includes a mobile teaching hale, the Cognition Bus.	1	165,964

Federal Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
SMALL BUSINESS ADMINISTRATION	Cathy Wiltse	Hawaii Small Business Development Center	Small Business Development Centers	The Hawaii SBDC Network has taken its place as a recognized and valued business assistance organization in the State of Hawaii and has become a preeminent resource for emerging entrepreneurs. The Hawaii SBDC Network operates statewide with a presence on each of the four major islands. The Hawaii SBDC Network manages in accordance with the principles of what has come to be known as	2	638,889

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				Malcolm Baldrige Continuous Quality Improvement. Strategic Initiatives undertaken by the network are based in part on the needs of the small business community, the results oriented performance of the network, and feedback from our client community. The Hawaii SBDC Network participates in the ASBDC accreditation process. A revisit of the Accreditation Team occurred August 5 - 10, 2012. The final report was issued February 20, 2013 and the Network was accredited with conditions. Notification of full Accreditation was given on September 30, 2013.		

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
GUAM, UNIVERSITY OF	Norman Okamura	Social Science Research Institute	Agreement Between the University of Guam and UH TASI	UH TASI will assist UOG with the integration of data from the Department of Public Health and Social Services (DPHSS) Electronic Health Record (EHR) system into Guam ChildLink-EHDI.	1	14,151

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALU LIKE INC	Ronny Umehira	Chancellor, Leeward Community College	LEEWARD COMMUNITY COLLEGE, HO'OULU PROJECT (to Inspire, to Grow)	Lawe i ka ma'alea a kû'ono'ono Take wisdom and make it deep. 'Ōlelo No'eau, Pûku'i) To expand and improve upon the past project years successes, the Ho'oulu Project will direct its recruitment, retention, graduation/transfer, and career development activities to support two high demand and high wage professional pathways: STEM (Science, Technology, Engineering & Math,) and, Career and Technical Education (CTE) disciplines. By directing college retention, career development, and graduation strategies toward Native Hawaiian students in these majors, the Ho'oulu Project will continue to provide participants with rigorous, relevant, and culturally nurturing services and activities	1	13,327

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				to educate and train Native Hawaiians to meet Hawai'i's workforce needs within the 21st Century global economy. Further, by increasing the number of Native Hawaiian professionals in the aforementioned fields, the Ho'oulu Project will produce best-qualified Native Hawaiian professionals who will have kuleana (responsibilities) to nurture future Native Hawaiian students as they pursue careers in these emerging fields. Informed by data collected and propelled by partnerships secured during Project Year 09 13, the Ho'oulu (2013 2015) will focus on the following objectives to improve and expand its outcomes: 1) shifting the proportions of our participants to 50% CTE and 50% STEM 2) introducing huaka'i (field experiences) into CTE and STEM industry sites where participants gain networking, career insights, and practical skill-building opportunities, and 3) refining the Kupuohi Experience Career Development Series to equip participants with the knowledge and technical skill sets expected of best-qualified candidates for employment.		
HAWAII COUNCIL FOR THE HUMANITIES	Victoria Szymczak	William S. Richardson School of Law	Law Library Archives and Special Collection Conservation Project	Law Library Archives and Special Collection Conservation Project	1	2,040
Hawaii State Teachers Association	Faye Furutomo	College of Education	HSTA - Teacher Internship Program Website		1	173,349

Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Melissa Bonnin	Chancellor, UH Maui College	SFSP-Maui Upward Bound and Upward Bound Math Science	The Summer Food Service Program (SFSP) is a USDA-funded program awarded through the Hawaii Child Nutrition Programs to summer programs serving meals to low-income children. The invitation to apply is by email invite to attend the training session.	1	15,195

Hawaii- Government Agencies

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Lynn C Nakamura-Tengan	Maui County	Cooperative Extension Farm Food Safety Training and Education		1	99,902
COUNTY HAWAII	Earl Tamiya	Athletics (UH Hilo)	UH-Hilo Amer Ari Invitational Golf Tournament	The University of Hawaii at Hilo Amer Ari Invitational was started in 1989 and held at the Waikoloa Kings Golf Course for the past 25 years. It has developed into one of the premiere college golf tournaments in the United States. Golfweek Magazine and Golf Digest had voted the Amer Ari Invitational as one of the top five college tournaments in the country. The tournament serves as a kick-off tournament for the UH Hilo spring season and for most of the teams participating in the event. This year's tournament will be held on February 4-7, 2015.	1	10,000
COUNTY HAWAII	Farrah-marie Kawaihani Gomes	College of Continuing Education and Community Svc	Hawaii Island Womens Leadership Summit 31-15	Women's Leadership Summit featuring: keynote speaker, panel discussion, workshops, networking. Workshops may include Entrepreneurship, Finances for Women, Women in Technology, Women in STEM, Leadership Models, Inspiring Young Women to Leadership, Legal Issues Faced By Women, Work-Life Balance, Women Supporting Women, Discrimination, Image and Communication, Values Clarification, Business Communication, Aging Well.	1	2,000
COUNTY MAUI OFC OF ECON DEVEL	Cynthia Lynn Reeves	Maui County	UH-CTAHR Extension And Research Projects in Maui County FY2015		1	39,999
COUNTY MAUI OFC OF ECON DEVEL	Lori Teragawachi	Chancellor, UH Maui College	Ka Ipu Kukui Fellows Leadership Program 2015	Ka Ipu Kukui Fellows Program was conceived to provide significant help in training future leaders for Maui County through a comprehensive community based leadership program.	1	25,750
HAWAIIAN AFFAIRS, OFFICE OF	Christopher Lee	Chancellor, UH West Oahu	Ulu Ulu Moving Image Collection		1	20,000

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAIIAN AFFAIRS, OFFICE OF	Melody Kapilialoha MacKenzie	William S. Richardson School of Law	Native Hawaiian Rights Training Course	Create the "Native Hawaiian Rights Training Course". (Training) to target State of Hawaii entities-councils, boards and commissions-that administer public trust resources and programs that directly impact Native Hawaiian traditional and customary rights, natural resource protection, access rights, and the public trust.	1	70,000
HAWAIIAN AFFAIRS, OFFICE OF	Noreen Mokuau	School of Social Work	OHA Hawaiian Learning Program 2011-2012	To develop and implement the Hawaiian Learning Program for Master's Level Students at Social Work.	1	218,855
HEALTH, DEPT-HI	Jeffrey Zuckernick	Emergency Medical Technician	Training stipends - DOH-UHKCC for MICT stipends 2015 - 2016		1	240,000
HEALTH, DEPT-HI	Valerie Yontz	Dept of Public Health Sciences and Epidemiology	Training and Evaluation for Injury Prevention-Public Health Core Competencies		1	10,587
HUMAN SERVICES, DEPT- HI	Ann Ishida-Ho	Continuing Education / Non- Credit Program	Vocational Skills Training for First-To- Work at Kapiolani Community College	Continuing funds to provide vocational instruction training for first-to-work program clients who are receiving temporary assistance for needy families funds. This award covers tuition costs and fees.	1	26,400
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	212,490
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
LABOR & INDUSTRIAL RELATION, DPT-HI (DLIR)	Rebecca Settlage	Family and Consumer Sciences	4-H Ag Career Event		1	5,000

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Kure Atoll 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	364,839

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
OLELO	Hae Okimoto	Office of the VP for Information Tech/Chief Info Officer	University of Hawaii - Supplemental Projects 2010		1	565,520
PACIFIC AMERICAN FOUNDATION	David Krupp	Chancellor, Windward Community College	Kuhlia Natural Resource Stewardship Program for Native Hawaiian Middle and High School Students of Windward Oahu		1	97,175
UNIVERSITY HAWAII FOUNDATION	Alison Sherwood	Department of Botany	Hauoli Mau Loa Fellows UH Manoa SOEST CNS AY14-18	The purpose of this fund is to provide graduate assistantships to students pursuing master's degrees in Botany, Geology and Geophysics, Marine Biology, or Oceanography at UH Manoa's School of Ocean and Earth Sciences and Technology and/or College of Natural Sciences. Funds shall be used for student salary, fringe benefits, supplies (e.g. books, fees, research, etc), and professional development related expenses to complement UH's tuition exemptions for graduate assistants.	1	27,625
UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	General Support of the William S School of Law	Process payment for Law School UHF account with payroll and tax implications.	1	100,000

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Charles Kinoshita	College of Tropical Agriculture and Human Resources	Monsanto Fellowship Awards	Funding transferred from UH Foundation to ORS will be used for graduate student fellowships and research support	1	65,000
UNIVERSITY HAWAII FOUNDATION	Farrah-marie Kawaiiani Gomes	College of Continuing Education and Community Svc	North Hawaii Education and Research Center Pilot Program	Academic Advisor will support the implementation of the pilot program by providing academic support to ensure the success of the Hawaii Community Foundations Richard Smart Waimea resident scholarships recipients.	1	5,100
UNIVERSITY HAWAII FOUNDATION	Michael Antal	Hawaii Natural Energy Institute (HNEI)	Coral Industries Distinguished Professor of Renewable Energy Chairholder	To provide for salary, fringe benefit costs, and other program expenses.	1	100,000
UNIVERSITY HAWAII FOUNDATION	Myhraliza Aala	College of Engineering	HEI Internship & Ambassador Program		1	10,250

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
inVentiv Clinical, LLC	Richard Arakaki	Department of Medicine	M11-352 SONAR: Study of Diabetic Nephropathy with Astrasentan	<p>This phase 3 study will provide long-term efficacy and safety information of Atrasentan for slowing the progression of chronic kidney disease (CKD) in patients with type 2 diabetes and nephropathy.</p> <p>Objective: To investigate the effect of long-term use of Atrasentan (0.75 mg./day) on reducing time to renal events defined as doubling of serum creatinine or the onset of end-stage renal disease (ESRD) in patients with type 2 diabetes and nephropathy that are treated with the maximum tolerated labeled daily dose (MTLDD) of a Renin-Angiotensin System (RAS) inhibitor. In addition, the study will assess the effects of atrasentan compared with placebo on cardiovascular morbidity and mortality, urine albumin excretion, changes in estimated glomerular filtration rate (eGFR), as well as on the impact on quality of life in patients with type 2 and nephropathy.</p>	1	999,917

Mainland- Non-Profit Organizations

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Arizona Community Foundation	Randy Hirokawa	College of Arts and Sciences	Aina Momona: Conservation in Hawaii	UHH is requesting a grant which funds will cover staff housing at UHH, transportation for the Program as outlined in the UHH Budget, and compensation for Pelika Bertelmann, an employee of UHH and an instructor for the Program.	1	20,906
Arizona Community Foundation	Randy Hirokawa	College of Arts and Sciences	Dorrance Europe Study Abroad Program	Dr. Jeffrey Smith from our History Department will accompany our Dorrance Scholars on a semester-long study abroad program to Europe. On the way back, they will go on a tour of historical monuments and memorials on the East Coast of the US.	1	23,000
Endocrine Society	Lucia Seale	Department of Cell and Molecular Biology	Visiting Professor Program in Obesity		1	2,325
NatureServe	Kenneth Kaneshiro	Pacific Biosciences Research Center	FESTF Data Sharing Agreement with NatureServe 2014-2016		1	10,000
San Jose State University Research Foundation	Alexander Shor	School of Ocean and Earth Science and Technology	Marine Optical Buoy (MOBY) Mooring Site Support - May 2015		1	156,500
Science and Technology Facilities Council	Donald Straney	Chancellor, UH Hilo	Decommissioning of JCMT Telescope and Dome Facilities on Mauna Kea Summit	Science and Technology Facilities Council is ceasing operation of the JCMT facility atop Mauna Kea and UH Hilo will be in charge of its decommissioning. This work is expected to be completed no later than 31 December 2033. Assignment of PI duty is to the Office of the Chancellor, UH Hilo; co-PI duties assigned to Director Office of Mauna Kea Management.	1	2,500,000
St. Baldrick's Foundation	Bruce Shiramizu	Department of Tropical Medicine, Medical Micro and Pharm	University of Hawaii St. Baldrick's Foundation Summer Fellow 2015		1	5,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Luke Flynn	Hawaii Institute of Geophysics and Planetology (HIGP)	The Hawaii Space Grant Program		1	575,000

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Richard Wainscoat	Institute for Astronomy	NEO Discovery with Dedicated Pan-STARRS1 and Pan-STARRS2 Telescopes		1	2,000,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Matthew Platz	Vice Chancellor for Academic Affairs (UH Hilo)	FEW NSF Workshop: Closing the Human Phosphorus Cycle	Closing the phosphorus cycle will involve the design, synthesis and evaluation of new chemicals and or materials that can sense phosphate ions and new chemicals and materials that can sequester and release phosphate ions on demand. This will be highly interdisciplinary and involve computation, laboratory based synthesis and evaluation, and data mining. It will involve collaborative efforts of chemists with life, geo and social scientists and engineers. To assure real world impact, it will involve experts from private industry as well. The workshop proposed will facilitate these interactions and define a multidisciplinary research agenda to Close the Human Phosphorus Cycle. Benefits of success of this workshop, and the funding and implementation of the research agenda so defined, are enormous: fertilizer food security for the 9 to 10 billion people expected to inhabit the earth later this century and the protection of freshwater ecosystems necessary for their water supply.	1	87,873

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Orou Gaoue	Department of Botany	SPRF-IBSS: Linking complex social and ecological systems through integrative network modeling	In this era of unprecedented stress on natural capital essential for supporting human wellbeing we must understand the linkages between people and nature. This challenge is particularly relevant for coral reefs which continue to decline globally, threatening the basic life supporting services they provide to humanity. This project advances an interdisciplinary network modeling framework to assess how connections within and between fishing communities and fisheries resources mediate outcomes in coral reefs. Secondary data will be collated to assess ecological structures and outcomes, and primary empirical data on social networks, their associated contexts, and social outcomes will be collected and analyzed in three coral reef fisheries sites from across the Asia-Pacific. This project will provide training for the postdoctoral fellow, providing her an opportunity to gain critical skills and launch a unique research program that will prepare her for a productive career in academia.	1	152,298
NATIONAL SCIENCE FOUNDATION	Paul Kemp	Department of Oceanography	Eco-DAS 2.0: Ecological Dissertations in the Aquatic Sciences		1	31,981

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	The UCLA Hawaii Travel Study Program, sponsored by the UCLA International Education Office and Dept. of Asian American Studies, offers UCLA students a 4-week program for the critical examination of race, ethnicity, history, gender, sexuality, and US empire in the context of the Hawaiian Islands. The program will be held at UH Mānoa during the period July 13 - August 21, 2015. The program seeks to broaden student understandings of Hawaii and the Pacific through field visits, civic engagement/service learning, and classroom discussion. As a co-sponsor, the Dept. of Ethnic Studies will:	1	11,074

Gift, Grants, and Contracts for May 1, 2015 to May 31, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				1. Provide instruction for the following courses: a. ES 360: Immigration to Hawaii and the US b. ES 380: Field Work in Ethnic Studies 2. Coordinate events and field excursions for the summer program 3. Provide programmatic and administrative support 4. Coordinate participation in Service Learning at the following sites: a. The MĀlama I na Ahupuaāa Program b. No MoĒ» HausĒ» (homeless)/Next Step Program		
GEORGIA INSTITUTE OF TECHNOLOGY	Aaron Ohta	Electrical Engineering	Vertically Integrated Project (VIP) Program		1	72,093
PENNSYLVANIA STATE UNIVERSITY	Stuart Nakamoto	Human Nutrition, Food and Animal Sciences	AMSTA Training for Hawaii		1	4,996
Non-Research - Total					53	14,258,725
Overall - Total					141	30,723,230

Funds Received from UH Foundation for May 1, 2015 to May 31, 2015

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Michael Antal	Hawaii Natural Energy Institute (HNEI)	Coral Industries Distinguished Professor of Renewable Energy Chairholder	To provide for salary, fringe benefit costs, and other program expenses.	1	100,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	General Support of the William S School of Law	Process payment for Law School UHF account with payroll and tax implications.	1	100,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Alison Sherwood	Department of Botany	Hauoli Mau Loa Fellows UH Manoa SOEST CNS AY14-18	The purpose of this fund is to provide graduate assistantships to students pursuing master's degrees in Botany, Geology and Geophysics, Marine Biology, or Oceanography at UH Manoa's School of Ocean and Earth Sciences and Technology and/or College of Natural Sciences. Funds shall be used for student salary, fringe benefits, supplies (e.g. books, fees, research, etc), and professional development related expenses to complement UH's tuition exemptions for graduate assistants.	1	27,625
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Myhraliza Aala	College of Engineering	HEI Internship & Ambassador Program		1	10,250
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Charles Kinoshita	College of Tropical Agriculture and Human Resources	Monsanto Fellowship Awards	Funding transferred from UH Foundation to ORS will be used for graduate student fellowships and research support	1	65,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Farah-marie Kawaiilani Gomes	College of Continuing Education and Community Svc	North Hawaii Education and Research Center Pilot Program	Academic Advisor will support the implementation of the pilot program by providing academic support to ensure the success of the Hawaii Community Foundations Richard Smart Waimea resident scholarships recipients.	1	5,100

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII	Jerris Hedges	University of Hawaii	CRCH General Research Fund		1	100,000

Funds Received from UH Foundation for May 1, 2015 to May 31, 2015

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
	FOUNDATION		Cancer Center				
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Mark Hixon	Department of Biology (Biology Program)	Hsiao Endowed Chair		1	62,274
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	Kudo Chair	Faculty salary and fringe benefits for the Kudo Chair of Law	1	32,089
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Thomas Jackson	Philosophy (UH Manoa)	Philosophy for Children Research Associate	The Philosophy for Children Research Associates will gather data and conduct research on the effectiveness of a proposed "Philosopher in Residence" initiative at two public schools in Hawaii	1	6,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Therese Gruter Nell	Department of Second Language Studies	Processing questions in English: A Visual-World Eyetracking Study	Processing questions in English: A Visual-World Eyetracking Study	1	2,265
Overall - Total						11	510,603

**Extramural Research Awards for the Month
May 1, 2015 to May 31, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	1	25,000	0%
DHHS-Dept of Health and Human Services	7	3,921,159	24%
DOD-Department of Defense	4	4,571,373	28%
DOI-Dept of Interior	4	1,036,194	6%
Foreign	2	115,000	1%
Hawaii- Government Agencies	12	614,700	4%
Hawaii- Non-Profit Organizations	14	491,035	3%
Mainland- Business and Other	6	568,914	3%
Mainland- Non-Profit Organizations	5	177,569	1%
National Aeronautics and Space Administration	19	2,522,000	15%
National Science Foundation	8	1,903,888	12%
US Colleges and Universities	6	517,673	3%
Overall - Total	88	16,464,505	100%

**Extramural Non-Research Awards for the Month of
May 1, 2015 to May 31, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	1	149,884	1%
DHHS-Dept of Health and Human Services	1	243,001	2%
DOC-Dept of Commerce	1	2,791,086	20%
DOD-Department of Defense	1	274,728	2%
DOI-Dept of Interior	1	9,000	0%
ED-Dept of Education	2	415,964	3%
Federal Agencies	2	638,889	4%
Foreign	1	14,151	0%
Hawaii- Business and Other	3	188,716	1%
Hawaii- Dept of Education	1	15,195	0%
Hawaii- Government Agencies	15	1,894,478	13%
Hawaii- Non-Profit Organizations	8	970,670	7%
Mainland- Business and Other	1	999,917	7%
Mainland- Non-Profit Organizations	7	2,717,731	19%
National Aeronautics and Space Administration	2	2,575,000	18%
National Science Foundation	3	272,152	2%
US Colleges and Universities	3	88,163	1%
Overall - Total	53	14,258,725	100%

**Year to Date Extramural Research Awards
Jul 1, 2014 to May 31, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	42	9,205,815	4%
DHHS-Dept of Health and Human Services	65	44,880,676	22%
DOC-Dept of Commerce	52	19,244,094	9%
DOD-Department of Defense	56	46,197,134	22%
DOE-Dept of Energy	9	2,119,991	1%
DOI-Dept of Interior	69	6,898,518	3%
ED-Dept of Education	1	472,304	0%
Federal Agencies	5	399,252	0%
Foreign	23	3,011,700	1%
Hawaii- Business and Other	20	1,518,750	1%
Hawaii- Dept of Education	2	635,879	0%
Hawaii- Government Agencies	168	19,394,075	9%
Hawaii- Health Organizations	5	358,915	0%
Hawaii- Non-Profit Organizations	110	6,215,299	3%
Mainland- Business and Other	51	2,361,310	1%
Mainland- Health Organizations	5	479,242	0%
Mainland- Non-Profit Organizations	53	3,808,469	2%
National Aeronautics and Space Administration	74	11,317,309	5%
National Science Foundation	57	19,519,630	9%
US Colleges and Universities	105	10,143,561	5%
Overall - Total	972	208,181,923	100%

Year to Date Extramural Non-Research Awards
Jul 1, 2014 to May 31, 2015
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	14	3,668,442	2%
DHHS-Dept of Health and Human Services	36	17,081,280	10%
DOC-Dept of Commerce	15	4,792,548	3%
DOD-Department of Defense	7	1,282,585	1%
DOI-Dept of Interior	10	431,725	0%
ED-Dept of Education	67	35,875,857	21%
Federal Agencies	12	15,727,401	9%
Foreign	37	7,713,970	4%
Hawaii- Business and Other	27	2,867,181	2%
Hawaii- Dept of Education	19	5,677,331	3%
Hawaii- Government Agencies	148	26,573,671	15%
Hawaii- Health Organizations	28	8,796,507	5%
Hawaii- Non-Profit Organizations	142	12,397,044	7%
Mainland- Business and Other	18	2,870,269	2%
Mainland- Health Organizations	2	87,500	0%
Mainland- Non-Profit Organizations	35	7,348,177	4%
National Aeronautics and Space Administration	10	13,270,526	8%
National Science Foundation	18	5,955,263	3%
US Colleges and Universities	28	1,949,527	1%
Overall - Total	673	174,366,804	100%