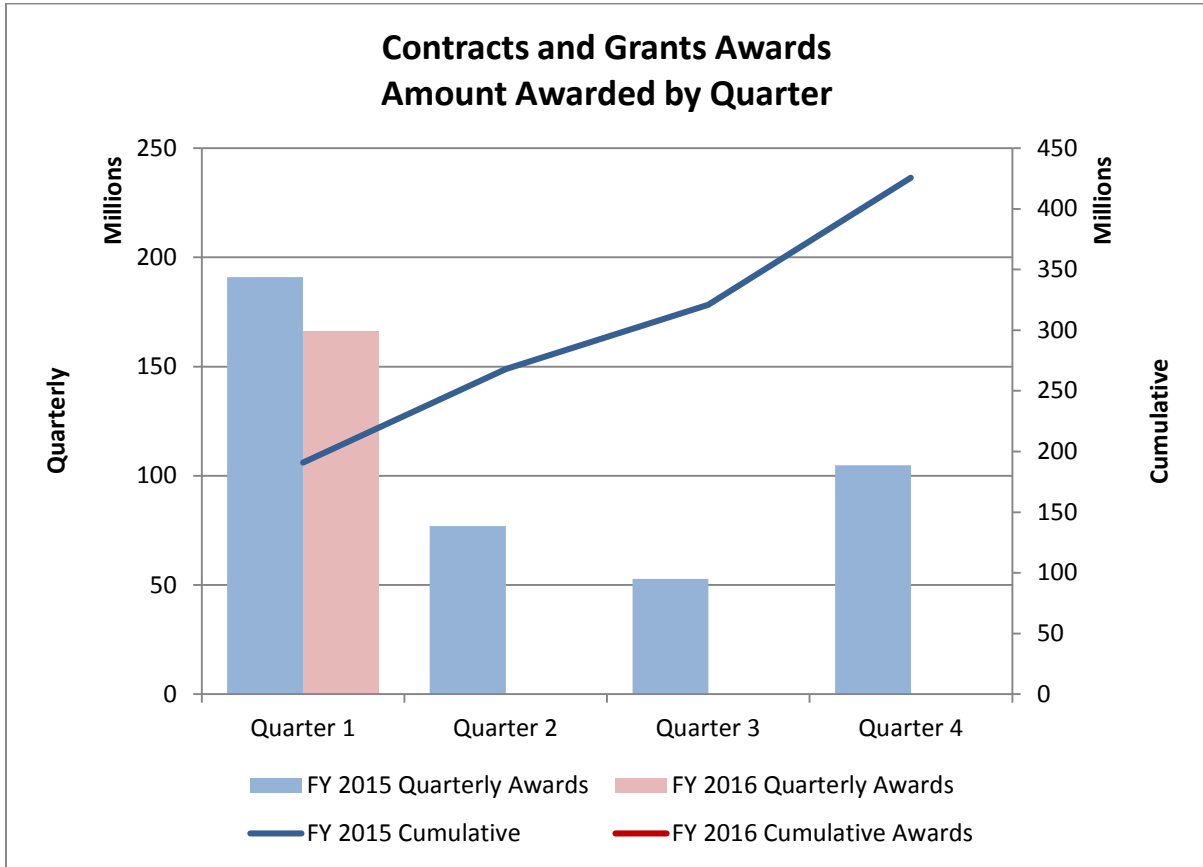
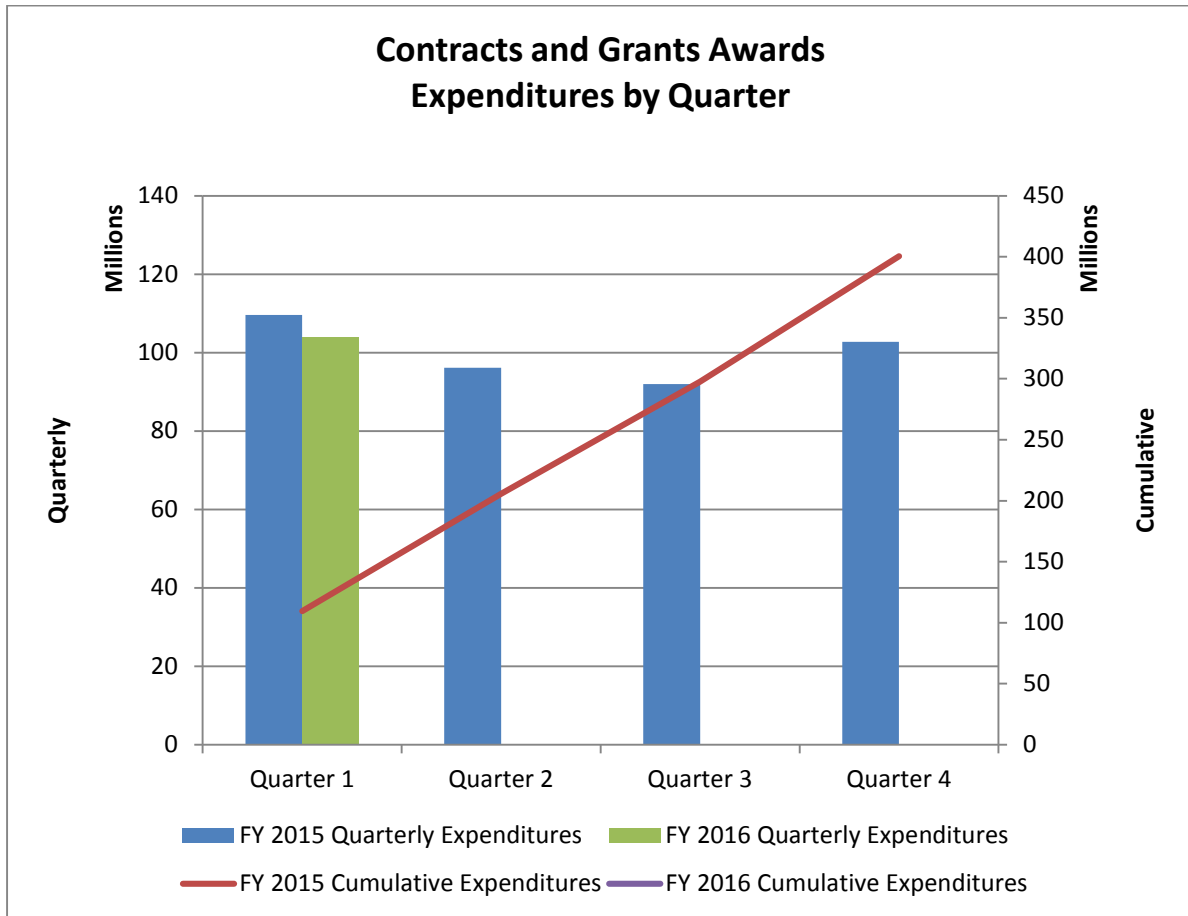


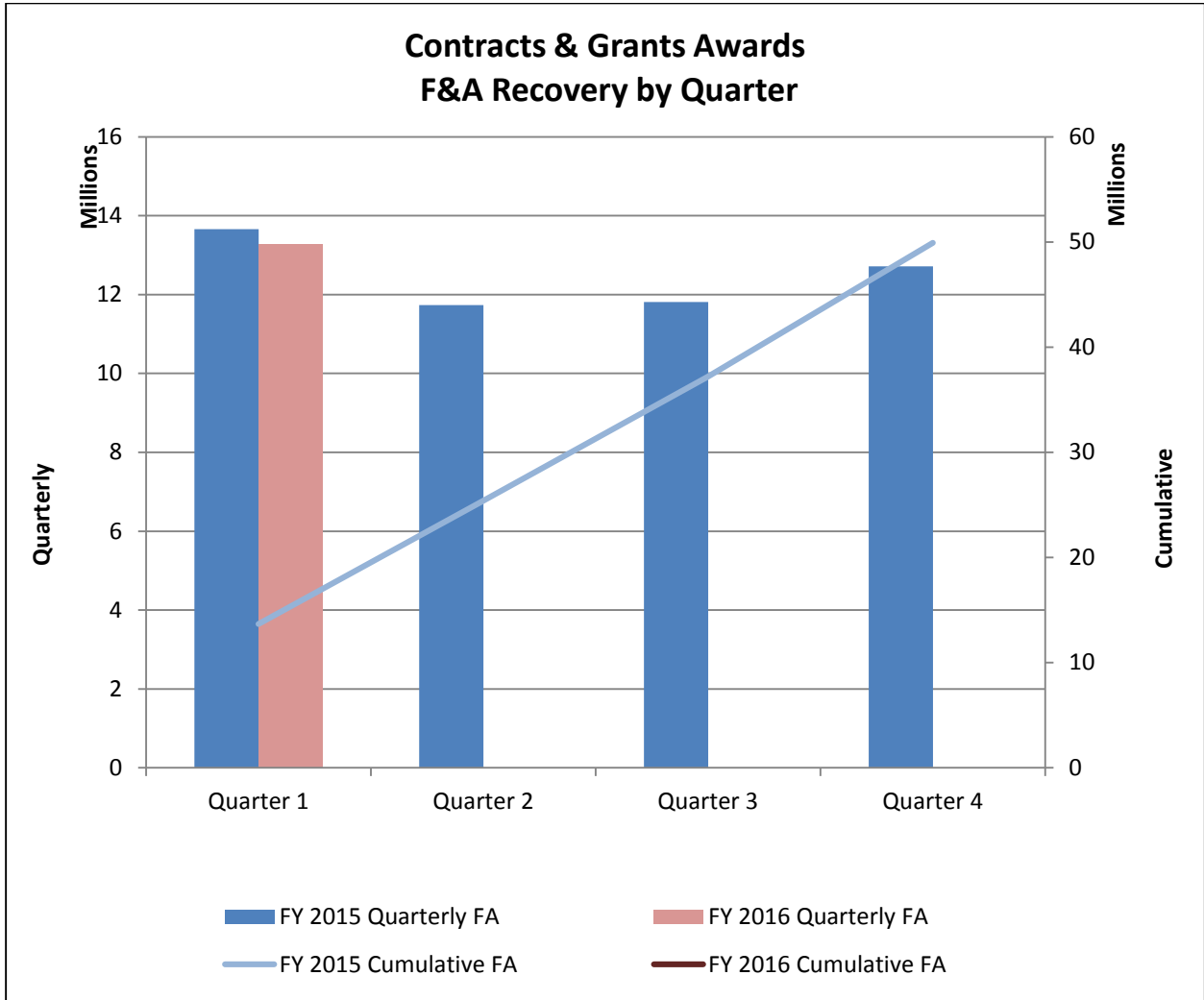
Contracts and Grants Awards
As of Quarter One – FY 2016



Contracts and Grants – Expenditures
As of Quarter One – FY 2016



Contracts and Grants Awards – F&A Recovery
As of Quarter One – FY 2016



Extramural Sponsor Awards Quarterly Summary

<u>Program Type</u>	July 1 - Sep 30 2015		July 1 - Sep 30 2014	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Research	357	\$ 81,385,388	376	\$108,425,763
Non-Research	243	\$ 87,849,432	245	\$ 83,233,939
<u>Total</u>	<u>600</u>	<u>\$169,234,820</u>	<u>621</u>	<u>\$191,659,702</u>

Note: The detailed award listing is available at:

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

The FY 2015 year-to-date total was: \$190,990,865,

The unofficial FY 2016 year-to-date total is: \$166,037,546

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Agriculture, Dept - Animal and Plant Health Inspection Service	Anne Alvarez	Plant and Environmental Protection Sciences	Rapid On-site Molecular Diagnostics for Select Agent Ralstonia solanacearum		1	57,316
Agriculture, Dept - Animal and Plant Health Inspection Service	Arnold Hara	Plant and Environmental Protection Sciences	Activators and attractants for giant African land snails		1	37,197
Agriculture, Dept - Animal and Plant Health Inspection Service	David Duffy	Department of Botany	Enhance Mitigation and Rapid Response (Varroa mites and Small Hive Beetle)	Enhance honey bee pest mitigation capability by supporting development of queen breeders throughout the state, and control small hive beetle.	1	80,740
Agriculture, Dept - Animal and Plant Health Inspection Service	Kasey Barton	Department of Botany	Invasive animal impacts and drought: Linking experimental research with management	This research examines native Hawaiian plant tolerance to drought and herbivory, the two most widespread threats to native plant regeneration. Experiments will be conducted to test population variation within species in order to identify populations that are particularly at risk due to their high susceptibilities to drought and herbivory.	1	22,964
Agriculture, Dept - Animal and Plant Health Inspection Service	Leyla Kaufman	Plant and Environmental Protection Sciences	Surveying natural enemies of lobate lac scale in Hawaii		1	19,508
Agriculture, Dept - Animal and Plant Health Inspection Service	Mark Wright	Plant and Environmental Protection Sciences	Adventive parasitoids in Hawaii, and their role in biological control of invasive insect pests		1	28,505
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	Detection of Huanglongbing (Citrus Greening)		1	26,925
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	Survey for coffee rust and other coffee pathogens in Hawaii		1	53,995
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	Survey, rearing, and management of Coconut Rhinoceros Beetle on Oahu, Hawaii		1	1,901,014

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Agriculture, Dept - Animal and Plant Health Inspection Service	Michael Melzer	Plant and Environmental Protection Sciences	The citrus clean plant network in Hawaii		1	38,051
Agriculture, Dept - Animal and Plant Health Inspection Service	Zhiqiang Cheng	Plant and Environmental Protection Sciences	Developing an Integrated Pest Management program to control Coconut Rhinoceros Beetle on Oahu in Hawaii		1	134,750
Agriculture, Dept - Animal and Plant Health Inspection Service	Zhiqiang Cheng	Plant and Environmental Protection Sciences	Survey of lobate lac scale (<i>Paratachardina pseudolobata</i>) in Hawaii		1	10,737
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Daniel Rubinoff	Plant and Environmental Protection Sciences	Genomic approaches to fruit fly exclusion and pathway analysis (Year 1)		1	280,543
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Donald Straney	Chancellor, UH Hilo	Acquisition of Goods and Services	The University of Hawaii at Hilo (Cooperator) and the Agricultural Research Service (ARS) desire to enter into this Agreement for the purpose of supporting research to be carried out at ARS and Cooperator facilities. ARS desires the Cooperator to provide goods and services necessary to carry out research of mutual interest within the Pacific West Area, Hilo, Hawaii.	1	77,000
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jack Grace	College of Tropical Agriculture and Human Resources	Adding Value and Controlling Pests and Diseases of Papaya and Other Tropical Fruit		1	186,224
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jack Grace	College of Tropical Agriculture and Human Resources	Characterization and Management of Invasive Plant Viruses in Hawaii		1	65,228
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jack Grace	College of Tropical Agriculture and Human Resources	Control of Pests and Diseases and Adding Value to Specialty Crops		1	176,868
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jack Grace	College of Tropical Agriculture and Human Resources	Prevention and Control of Invasive Insect Pests		1	143,375
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jack Grace	College of Tropical Agriculture and Human Resources	Regionally Grown Feedstock		1	150,265

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Kelvin Sewake	Plant and Environmental Protection Sciences	Areawide Mitigation and Management for Coffee Berry Borer		1	673,000
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Susan Crow	Natural Resources and Environmental Mgt	Parameterization of Two Simulation models (ALMANAC and SWAT) in Hawaii with Subsequent Parallelization of the SWAT Model		1	475,698
AGRICULTURE, DEPT-FED	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	Integrated Cropping Systems	The project will work with farmers in two disparate regions of Hawaii Island to quantitatively determine the yields of different cropping systems in relation to soil quality and climatic factors. These cropping systems are based on the utilization of "byproducts" from one agricultural activity as an input to another crop cycle. Determine the impact of a cover crop, cattle grazing, papaya cropping system on soil fertility, plant nutrient status, pest control, yields and fruit quality in the lava rock soils of the Puna district. Evaluate current and historical cropping systems on former sugar cane lands in the aged, volcanic soils of the North Kohala district, including sampling and analysis of the soil quality, yields and crop quality, and byproducts. Evaluate the suitability of agricultural by-products from diverse cropping systems as feed for livestock and/or aquaculture.	1	150,264
AGRICULTURE, DEPT-FED	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	Preservation, molecular characterization and evaluation of salt and disease tolerance of Hawaiian and giant Taro cultivars for the Pacific Basin	The objectives of this research are to: 1) preserve and molecularly characterize Colocasia, Alocasia and Crytosperma grown in Hawaii and the Pacific Basin,2) determine salt tolerance of these cultivars 3) identify molecular markers for genes responsible for salt tolerance, disease resistance and other important phenotypes.	1	45,519
AGRICULTURE, DEPT-FED	Daniel Jenkins	Molecular Biosciences and Bioengineering	Physical Approaches for Detection and Control of Coconut Rhinoceros Beetle		1	104,186

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-FED	Daniel Rubinoff	Plant and Environmental Protection Sciences	Confirming Molecular Methods for Fruit Fly Identification 2015		1	246,100
AGRICULTURE, DEPT-FED	Daniel Rubinoff	Plant and Environmental Protection Sciences	Determination of invasion pathways and genetic diversity for the invasive Coconut Rhinoceros beetle in Hawaii		1	60,050
AGRICULTURE, DEPT-FED	Donald Straney	Chancellor, UH Hilo	Acquisition of Goods and Services	UNIVERSITY OF HAWAII (Cooperator) and the Agricultural Research Service (ARS) desire to enter into this Agreement for the purpose of supporting research to be carried out at ARS and Cooperator facilities. ARS desires the Cooperator to provide goods and services necessary to carry out research of mutual interest within the Pacific West Area, Hilo, Hawaii.	1	80,000
AGRICULTURE, DEPT-FED	Janice Uchida	Plant and Environmental Protection Sciences	Survey for Basil viruses in Hawaii		1	29,653
AGRICULTURE, DEPT-FED	Leng Chee Chang	College of Pharmacy	Phytochemical Evaluation of Tropical Plants for Bioactive Compounds	Investigate tropical plants and edible fruits produced in Hawai'i and the U.S. Pacific Basin as potential functional foods. Extract, isolate, and identify natural compounds, phytochemicals, and nutrients which exhibit biological activity (antioxidant, antibacterial, nutritional and/or medicinal). Initiate metabolomics investigation of the bioactivity of chemical constituents in select tropical fruit.	1	33,001
AGRICULTURE, DEPT-FED	Michael Shintaku	College of Agriculture, Forestry and Natural Resource Mgt	Development and Analysis of Plants with Transgenic Virus Resistance		1	50,000
AGRICULTURE, DEPT-FED	Rebecca Ostertag	Natural Sciences Division	Climate-Vegetation Relationships in Hawaiian Forest Ecosystems	Funds will provide help in analyzing long-term forest growth and mortality results from long-term permanent plots.	1	67,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-FED	William Sakai	College of Agriculture, Forestry and Natural Resource Mgt	Mini-pilot Demonstration Using Papaya Feedstock for Algae Oil and Meal Production	Objective: To evaluate papaya as a feedstock is to optimize the research, development and validation phase of the project to produce a demonstration plot for mini-pilot scale levels of algae oil and algae meal. Approach: In collaboration with the University of Hawaii at College of Agriculture, Forestry and Natural Resource Management (CAFNRM), papaya will be used as a feedstock for the algae, <i>Chlorella protothecoides</i> , to produce oil and algae at a demonstration scale to determine the economic feasibility between laboratory and commercial production. Research will investigate and optimize methods necessary to scale up algae growth to produce high quality algae oil and meal using bioreactors. Equipment that can process larger volumes of algae will be purchased, evaluated and optimized.	1	346,262
AGRICULTURE, DEPT-NATL INS FOOD AND AGRICULTURE	Loriena Yancura	Family and Consumer Sciences	Colorado State University (CSU) & University of Hawai'i at Manoa (UoH) - Sustainable Community Project (CO&HI-SCP)		1	69,980
AGRICULTURE, DEPT-NATRL RES SVC-FED	Koon-hui Wang	Plant and Environmental Protection Sciences	Improving Water Use Efficiency through No-till Cover Cropping and Solarization		1	74,951
AGRICULTURE, DEPT, FOREST SVC-FED	Creighton Litton	Natural Resources and Environmental Mgt	Monitoring Climate and the Impact of Rising Temperature on Belowground Processes	The proposed work will consist of managing a network of climate monitoring equipment located across a mean annual temperature gradient in the Hawaii Experimental Tropical Forest, including system calibration and data quality review and control. Funds will also support work to quantify temperature-related changes in soil carbon formation and decomposition rates through the placement of reconstructed soil cores into each of nine existing permanent plots across the gradient.	1	64,940
AGRICULTURE, DEPT, FOREST SVC-FED	David Duffy	Department of Botany	Monitoring Patterns and Processes of <i>Falcataria moluccana</i> (Albizia) Decay and Forest Succession Following Herbicide Treatment in Hawaii's Lowland Wet Forests	Develop and implement a comprehensive strategy to control <i>Albizia</i> in critical areas and reduce its spread over larger areas.	1	55,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	Jesse Eiben	College of Agriculture, Forestry and Natural Resource Mgt	The Exceptional Case of the Lantana Lacebug	Teleonemia scrupulosa, the lantana lacebug, was introduced to Hawaii in 1902 for biological control of lantana, which was then a serious weed in rangelands. The insect also develops on an unrelated host plant, naio or Myoporum sandwicense, on the island of Oahu. Lantana is in the family Verbenaceae. Naio is in the family Myoporaceae and indigenous to the Hawaiian Islands and Cook Islands. Although these families have recently been placed in the same order, Lamiales, there is no clear taxonomic rationale for the dual hosts. The mechanism for this remarkable host plant shift is unknown. Although host shifts are rare, fear of such unpredictable host shifts is a common reason for opposition to biological control. A thorough examination of the Teleonemia-naio association is critical for improving the safety and reliability of biological control. By determining how a host shift occurred in this exceptional case we hope to learn how such a shift may be predicted to refine future testing.	1	38,500
AGRICULTURE, DEPT, FOREST SVC-FED	Rebecca Ostertag	Natural Sciences Division	Ecological Restoration of Hawaiian Ecosystems	Research related to the recovery of ecosystem goods and services and protection of Hawaii's unique biodiversity are key objectives for most land use agencies in the State of Hawaii and the Pacific. Of particular interest is understanding how to mitigate the detrimental effects of altered land use and invasives species in tropical dry ecosystems, and maintaining resilient and sustainable forests in lowland wet ecosystems. The goal of this agreement is to conduct research that will provide information on how to increase ecosystem resilience and resistance to disturbance.	1	32,850

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	Tamara Ticktin	Department of Botany	Building Capacity to Integrate Traditional Hawaiian Subsistence Knowledge Into Natural Resources Management	We will bring stakeholders from different organizations together to: 1) analyze existing methods for assessing subsistence in post-industrial nations, especially in Alaska; 2) develop and/or adapt methods for assessing subsistence practices across Hawaii and; 3) develop a plan for piloting the subsistence assessment protocol in in Hawai'i.	1	10,000
AGRICULTURE, DEPT, FOREST SVC-FED	Tamara Ticktin	Department of Botany	Developing a Statewide Report on Non-timber Forest Product Use in Hawaii	This project focuses on assessing the value of Non-Timber Forest Products (NTFPs) in Hawaiian forests. NTFPs play a vital role in connecting Native Hawaiian culture, immigrants and visitors to the natural surroundings of the islands. NTFP gathering and sharing is engrained in Hawai'i resiliency, supporting subsistence and cash economies, supporting tourists while enabling historical and adaptive traditions through the use of native and introduced species. This study will provide an assessment of contemporary NTFP uses and values, through interviews with cultural practitioners and other NTFP users, and assessments of NTFPs sold at cultural events (Merry Monarch, craft fairs etc). The aim of this NTFP assessment is to identify key harvesting groups and NTFP species, the cultural (including subsistence) values these user groups care for, and, as best possible, to quantify economic contributions made by NTFPs statewide.	1	17,686

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-ADMIN ON AGING	Colette Browne	School of Social Work	Ha Kupuna National Resource Center for Native Hawaiian Elders 2015-2020	Ha Kupuna National Resource Center for Native Hawaiian Elders, a university-community collaboration, develops and disseminates knowledge on health and long-term care to native elders and families.	1	159,205

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Cheryl Albright	Department of Nursing	Social and Behavioral Interventions to Increase Solid Organ and Tissue Donation	Taking advantage of college students frequent use of online technology, including social networking sites (e.g., Facebook), we will create an online intervention that leverages this technology to engage AA/PI students in topics related to organ donation (OD), to provide culturally sensitive messages tailored to their interest in or wariness of organ donation, and to reframe their ideas about DOD. Previous internet interventions to encourage college students to become DODs have not included culturally sensitive approaches for AA/PI, who have unique barriers to OD.	1	319,180
HEALTH & HUMAN SVC, DEPT-NIH-FED	Dana-lynn Koomoa	Pharmaceutical Sciences	MYCN-induced calcium and magnesium signaling regulates Neuroblastoma progression		1	134,922
HEALTH & HUMAN SVC, DEPT-NIH-FED	Jeffrey Berenberg	Clinical Sciences	NCI Community Onc Research Prgm Minority/Underserved Community Sites (UM1)	The Hawai`i Minority/Underserved NCORP will conduct clinical trials research as well as cancer care delivery research under the NCORP grant.	1	748,896
HEALTH & HUMAN SVC, DEPT-NIH-FED	Lana Garmire	Cancer Etiology	An Integrative Bioinformatics Approach to Study Single Cancer Cell Heterogeneity		1	180,368
HEALTH & HUMAN SVC, DEPT-NIH-FED	Linda Chang	Department of Medicine	Neural Correlates of Working Memory Training for HIV Patients	This study will evaluate the efficacy of an adaptive working memory computer-based training program called CogmedTM, on HIV- infected individuals, and determine whether the improvements are related to brain function (on functional MRI), neuroinflammation, neurochemistry, and a particular genotype.	1	525,146
HEALTH & HUMAN SVC, DEPT-NIH-FED	Magdy Iskander	Hawaii Center for Advanced Communications	Cardio-Pulmonary Stethoscope: A Novel Radio Frequency Sensor for Non-invasive Measurement of the Changes in Lung Water Content and Cardiac Parameters		1	178,967
HEALTH & HUMAN SVC, DEPT-NIH-FED	Michele Carbone	University of Hawaii Cancer Center	Germline BAP1 Mutations and Malignant Mesothelioma: Mechanisms and Early Detection		1	349,988

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Brenda Yukari Hernandez	Cancer Etiology	PATTERNS OF CARE / QUALITY OF CARE STUDY / DIAGNOSIS YEAR 2014		1	52,508
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Jerris Hedges	University of Hawaii Cancer Center	University of Hawaii Cancer Center CCSG	The UH Cancer Center's goal is to continue to lower cancer incidence and improve the care of cancer patients in Hawaii and elsewhere by attempting to understand reasons for the remarkable ethnic-related cancer associations found in the region.	1	1,361,692
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Jerris Hedges	University of Hawaii Cancer Center	University of Hawaii Cancer Center CCSG CURE Supplement		4	942,523
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	Cancer Etiology	Obesity, Body Fat Distribution, and Cancer Risk in the Multiethnic Cohort	This study proposes to measure body fat directly using imaging methods (DXA and MRI) and to identify blood biomarkers and lifestyle behaviors that predict body fat distribution in a multiethnic population in order to test their associations with risks of breast and colorectal cancers.	1	4,121,831
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Loic Le Marchand	Cancer Etiology	Understanding Ethnic Differences in Cancer: The Multiethnic Cohort Study	This grant supports a variety of activities related to the maintenance and enhancement of the infrastructure for the Multiethnic Cohort. These activities include mailing of questionnaires, maintenance of the biorepository, collection of additional specimens, follow-up of the participants for disease occurrence, and others.	1	3,879,211
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Peiwen Fei	Natural Products	Molecular Insights into the Fanconi Anemia Tumor Suppressor Signaling Pathway	The proposed experiments will uncover the role of a novel tumor suppressor gene, FANCD2-V1 in the maintenance of genome integrity in physiology and disease.	1	317,475
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Wei Jia	Cancer Etiology	Gut Microbiota Mediated Bile Acid Alterations in Hepatic Carcinogenesis		1	536,813
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CTR FOR RSCH RES	William Ward	Institute for Biogenesis Research	Institute for Biogenesis Research: COBRE	Develop the existing Institute for Biogenesis Research into a multi-disciplinary research center for reproductive biology research.	1	2,182,875

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL HEART LUNG & BLD INST	May Okihiro	Department of Pediatrics	Enhancing Care, Coordination and Capacity Across Community Sectors to Improve Asthma Outcomes in High-Risk Children in Hawaii: Planning Phase		1	348,009
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL INST MIN HLTH & DISP	Marla Berry	Department of Cell and Molecular Biology	Bioscience Research Infrastructure Development for Grant Enhancement and Success	The overall objectives of the RCMI Program at UHM are to create and strengthen expertise, education, training, and infrastructure for biomedical and behavioral research that promises to improve the diagnosis, prevention, and treatment of diseases, especially those associated with health disparities in minority populations in Hawaii.	1	2,632,131
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ALLERGY/INF DIS	Peter Hoffmann	Department of Cell and Molecular Biology	Selenoprotein K Modulates Calcium- Dependent Signaling in Immune Cells		1	385,000
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DIAB DIG KIDN DIS	Unhee Lim	Cancer Etiology	Brain-Gut Microbiome-Visceral Adiposity Relationships in Multiethnic Adults		1	237,470
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DRUG ABUSE	Thomas Ernst	Department of Medicine	RGR-Based Motion Tracking for Real- Time Adaptive MR Imaging and Spectroscopy	This Bioengineering Research Partnership aims to develop (1) an optical head tracking system and (2) real-time adaptive Magnetic Resonance imaging and spectroscopy techniques for use with the tracking system. The tracking system will allow accurate measurement of subject motion and enable successful MR acquisitions without motion artifacts in the data.	1	754,149
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST DRUG ABUSE	Victor Andrew Stenger	Magnetic Resonance Imaging Center	Parallel MRI for Substance Abuse Research		1	158,687

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Edward Ruby	Pacific Biosciences Research Center	Resistance and Resiliency in a Natural Host-Microbe Symbiosis	The objectives of the proposed research are to understand the dynamic stability characterizing the normal host microbiota. To achieve this goal requires an understanding of how these microbial communities form, how they function, and what maintains them in the face of perturbations. To help discover the rules underlying the complex interactions between the thousands of microbial species present in and on the human body, scientists use simple model systems to provide a window into the principles by which different bacteria function together and with their host. One such model system is the symbiosis between a bioluminescent marine bacterium and its squid host. This specific symbiosis consists of one bacterial species, but there are several distinct strains present in the symbiotic population in each animal. Understanding the rules by which these strains interact will provide a foundation for understanding the way different species form healthy, stable communities in human bodies.	1	205,175
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Ralph Victor Shohet	Department of Medicine	COBRE III: Center for Cardiovascular Research	In this third cycle of COBRE funding, the Center for Cardiovascular Research will continue the support and enhancement of the crucial Cores previously established (Admin-Mentoring, Histology, Mouse-Physiology, and Genomics) and to develop a pilot project program to further stimulate cardiovascular investigation.	1	1,067,807
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Richard Yanagihara	Department of Pediatrics	Pacific Center for Emerging Infectious Diseases Research	To reduce human suffering from epidemic infectious diseases that disproportionately affect underserved communities in the Asia-Pacific region, the Pacific Center for Emerging Infectious Diseases Research seeks to develop rapid diagnostic tests, improved treatments and affordable vaccines.	1	1,155,000
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Tung Hoang	Department of Microbiology	Functional Genomics of Single-and Mixed-Species Biofilms in Spatiotemporal Scales	This application looks to into the host-associated microbial communities using biofilms as models.	1	268,850

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED OFFICE OF DIRECTOR	Edward Ruby	Pacific Biosciences Research Center	Vibrio Virulence Determinants in a Benign Colonization	We aim to understand the dialogue that occurs between animals and their microbiota, and how this molecular conversation stabilizes the symbiosis as it matures. To achieve this goal requires a clear understanding of how these microbial communities form, how they function, and what role they play in the biological rhythms that characterize daily life. To discover the rules underlying the complex interactions between the thousands of microbial species present in the human body, we use a simple model system to determine the principles by which bacteria function with their host. One such model system is the light-organ symbiosis between <i>Vibrio fischeri</i> , and its squid host. A characteristic of this association is a daily rhythm in the relationship between the bacteria and the epithelial tissue with which they associate. This tissue is easily imaged, and is colonized by a single bacterial species, offering the opportunity to decipher the reciprocal dialogue in this symbiosis.	1	337,644
HEALTH&HUMAN SVC,DEPT-NIH-FED NTL INST NEURO DIS&STROKE	Stefan Moisyadi	Institute for Biogenesis Research	An Identification System for Targeted Gene Addition to MLD Patient Derived iPSCs		1	212,250

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Alison Sherwood	Department of Botany	Identification of Mesophotic Macroalgae in the Papahānaumokuākea Marine National Monument for Year 3		1	44,457
COMMERCE, DEPT-NATL NOAA-FED	Axel Timmermann	Joint Institute for Marine and Atmospheric Research (JIMAR)	Dynamics and Seasonal Predictability of Extreme Sea Level Variability in the Tropical Western Pacific		1	107,041

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Cynthia Hunter	Department of Biology (Biology Program)	UH Manoa MOP Support	Project Objective: to provide experiential opportunities for students with ocean-related interests through the Marine Option Program, offering activities for undergraduates across more than 40 disciplines at UHM, in addition to career counseling and helping students to identify and implement hands-on internships and research projects to meet their MOP certificate requirements.	1	149,989
COMMERCE, DEPT-NATL NOAA-FED	Eric Firing	Joint Institute for Marine and Atmospheric Research (JIMAR)	Optimizing Routine Ocean Current Measurements by the NOAA Fleet	Research institute created through a Memorandum of Understanding between the National Oceanic and Atmospheric Administration (NOAA) and UH, to develop a center of excellence in research in oceanographic and atmospheric sciences. Research will be conducted at various locations. therefore, specific indirect cost rates, locations, certifications and attachments are not addressed here but will be addressed at the time each proposal is submitted for individual projects.	1	183,314
COMMERCE, DEPT-NATL NOAA-FED	H. Annamalai	International Pacific Research Center (IPRC)	Development of Process-oriented Metrics for ENSO-induced Teleconnection over North America and U.S. Affiliated Pacific Islands in Climate Models		1	98,000
COMMERCE, DEPT-NATL NOAA-FED	Jason Turner	Marine Science	Papahānaumokuākea Marine National Monument	The Hawaiian Islands Marine Mammal Response Network (MMRN) provides Hawaiian monk seal management response and cetacean stranding response under the Marine Mammal Protection Act (MMPA) and Endangered Species Act (ESA). It prevents disturbance of marine mammals and responds to deceased marine mammals for sample collection and analysis.	1	30,000
COMMERCE, DEPT-NATL NOAA-FED	Joshua Fu	International Pacific Research Center (IPRC)	Improvement of MJO Simulation in NCEP Coupled Forecast System: Upper Ocean and Air-sea Coupled Processes		1	120,000
COMMERCE, DEPT-NATL NOAA-FED	Kirsten Oleson	Natural Resources and Environmental Mgt	Socio-economic assessment of marine water quality threats in West Maui and Kona		1	79,994

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Ecosystem Modeling	This work will be collaborative research with NOAA scientists in one or more of the following thematic areas: ecosystem forecasting, ecosystem monitoring, ecosystem-based management, the protection and restoration of resources, equatorial oceanography, climate research and impacts, tropical meteorology, and tsunamis and other long-period ocean waves. The work will be conducted under JIMAR's cooperative agreement NA11NMF4320128 with NOAA.	1	62,500
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	International Ecosystem Approach to Fisheries Management Project		1	424,900
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Kona Integrated Ecosystem Assessment (IEA)		1	205,850
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Main Hawaiian Islands Deep 7 Bottomfish Fast Track Project	This work will be collaborative research with NOAA scientists in one or more of the following thematic areas: ecosystem forecasting, ecosystem monitoring, ecosystem-based management, the protection and restoration of resources, equatorial oceanography, climate research and impacts, tropical meteorology, and tsunamis and other long-period ocean waves. The work will be conducted under JIMAR's cooperative agreement NA11NMF4320128 with NOAA.	1	360,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	NOAA NDBC Hawaiian Buoy Service Cruise		1	296,811

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Pacific ENSO Applications Center (PEAC): Research Supplement	This work will be collaborative research with NOAA scientists in one or more of the following thematic areas: ecosystem forecasting, ecosystem monitoring, ecosystem-based management, the protection and restoration of resources, equatorial oceanography, climate research and impacts, tropical meteorology, and tsunamis and other long-period ocean waves. The work will be conducted under JIMAR's cooperative agreement NA11NMF4320128 with NOAA.	1	217,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Pacific Islands Deep Sea Coral and Sponge Initiative		1	390,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Profiling CTD Float Array Implementation and Ocean Climate Research	This work will be collaborative research with NOAA scientists in one or more of the following thematic areas: ecosystem forecasting, ecosystem monitoring, ecosystem-based management, the protection and restoration of resources, equatorial oceanography, climate research and impacts, tropical meteorology, and tsunamis and other long-period ocean waves. The work will be conducted under JIMAR's cooperative agreement NA11NMF4320128 with NOAA.	1	262,251
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	Sensitivity of Built and Natural Infrastructure to Coastal Flooding Under a Changing Climate		1	24,000
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	The University of Hawaii Sea Level Center	This work will be collaborative research with NOAA scientists in one or more of the following thematic areas: ecosystem forecasting, ecosystem monitoring, ecosystem-based management, the protection and restoration of resources, equatorial oceanography, climate research and impacts, tropical meteorology, and tsunamis and other long-period ocean waves. The work will be conducted under JIMAR's cooperative agreement NA11NMF4320128 with NOAA.	1	1,194,393

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Matthew Church	Joint Institute for Marine and Atmospheric Research (JIMAR)	PMEL - UH Ocean Carbon Project	This work will be collaborative research with NOAA scientists in one or more of the following thematic areas: ecosystem forecasting, ecosystem monitoring, ecosystem-based management, the protection and restoration of resources, equatorial oceanography, climate research and impacts, tropical meteorology, and tsunamis and other long-period ocean waves. The work will be conducted under JIMAR's cooperative agreement NA11NMF4320128 with NOAA.	1	5,311
COMMERCE, DEPT-NATL NOAA-FED NATL OCEAN SVC	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	Mesophotic Corals of American Samoa: Implications for ESA-listed corals		1	52,019
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Mary Donohue	Sea Grant College Program	Sea Grant-NMFS Exchange Program (Mary J. Donohue): Microplastic Pollution in the Northern Fur Seal; Implications for Trophic bioaccumulation in a Species taken in a Native Alaskan Subsistence Harvest		1	35,114
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Erik Franklin	Hawaii Institute of Marine Biology (HIMB)	Enhancing Fisheries Science Opportunities at the University of Hawaii		1	200,000

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Defense Intelligence Agency	John Learned	Applied Research Laboratory	Neutron TimeCube CONOP Suitability Investigation	Survey performance characteristics and engineering-parametric data of neutron TimeCube.	1	494,927
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	David Duffy	Department of Botany	Natural Resources Research and Management for Navy Region Hawaii	Protect and manage Navy lands at Lualualei on the leeward coast of Oahu by removing invasive plant and animal species and restoring native vegetation.	1	65,780
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	David Duffy	Department of Botany	Pacific Missile Range Facility, Kauai	Provide technical assistance to the Navy for native habitat protection at the Pacific Missile Range Facility on Kauai.	1	162,638

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT- US ARMY CORPS OF ENGINEERS	David Lassner	Pacific Disaster Center	Nepal GIS Integration Project 15-16	The objective of the Nepal GIS Integration project is to improve disaster planning, preparedness, mitigation, response and recovery in Nepal.	1	115,200
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Dusko Pavlovic	Information and Computer Sciences	Monoidal Computers, Networks and Strategic Learning: Methods for Adaptive Defense in Cyber Security (MADCyBS)	The diverse problems of cyber security (cyber war, cyber crime, cyber bullying) pose not only a critical threat to modern society, but also a deep conceptual challenge to modern science. At the foundational level, this challenge is reflected in the lack of a unified formalism for reasoning about computation and communication in cyber space: there is still a gap between our models of a computer and of a network. While our computational models do not capture the security problems arising from network communication, our network models do not capture the computational aspects of security. We propose research towards bridging that gap using the mathematical formalism of *monoidal computer* [Inf. and Comput. 226(2013) 94-116].	1	240,001
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Maui High Performance Computing Center (MHPCC)	Transition of Operation, Management, and Research and Development Effort for the Maui High Performance Computing Center (MHPCC)	The objective of this contract is to provide for the orderly transition of contracted support for MHPCC under contract F29601-01-D-0083 to the US Army Corps of Engineers (USACE) managed High Performance Computing Modernization Program (HPCMP) Integrated Technical Services (HITS) contract.	1	550,000
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	100,000
DEFENSE, DEPT-ARMY ENG RSCH & DEV CTR	Kirsten Oleson	Natural Resources and Environmental Mgt	Evaluating potential solutions to West Maui's coral reef decline		1	99,970
DEFENSE, DEPT-ARMY MED RSCH ACQSTN (USAMRAA)	Axel T Lehrer	Department of Tropical Medicine, Medical Micro and Pharm	US Army Medical Research Institute of Infectious Diseases (USAMRIID) Requirement to Develop, Produce and Deploy MAGPIX-Based Immunoassays		1	243,405

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY NAVAL RSCH LAB	Tim Li	International Pacific Research Center (IPRC)	Ensemble Prediction of Tropical Cyclone Genesis		1	88,308
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Anupam Misra	Hawaii Institute of Geophysics and Planetology (HIGP)	Remote Compact Robotic-Optical Sensor for Long Range Chemical Detection		1	303,465
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Brian Powell	Department of Oceanography	Collaborative Proposal: Oceanic Energy Cascade from Global to Regional Predictive Models		1	102,002
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Matthew A Chapman	Chancellor, UH West Oahu	Cyber Security Workforce Development and the Protection of Critical Infrastructure		1	360,275
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael Bell	Department of Atmospheric Sciences	Improved Physical Parameterizations for Tropical Cyclone Prediction		1	85,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael Hadfield	Pacific Biosciences Research Center	Multiple Approaches for Testing Novel Marine Coatings in the Laboratory and in Pearl Harbor	We will test newly developed marine coatings for the ONR in the field and laboratory in Hawaii.	1	40,382
DEFENSE, DEPT- WASHINGTON HEADQUARTERS SVCS	David Lassner	Pacific Disaster Center	IDIQ Contract for Technical and Subject Matter Expert Services and Task Order 0003 National Baseline Assessments for USSOUTHCOM	Task Order 3 - National Disaster Preparedness Baseline Assessment for Honduras, Guatemala, and Dominican Republic.	1	1,711,933
Defense, Dept. - U.S. Army Research Office	Daisuke Takagi	Department of Mathematics	Modeling the collective behavior of unsteadily swimming zooplankton	This short-term innovative research (STIR) proposal aims to develop a mathematical framework for understanding the seemingly random movement of larval copepods. Their long-term distribution will be predicted and tested against a series of experiments to be conducted in the laboratory.	1	47,414

DOE-Dept of Energy

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Anne Hope Jahren	Department of Geology and Geophysics	Development of new Biomarkers for Surficial Earth Processes	To investigate: the stable isotope signature of terrestrial biomarkers, when contextualized according to the composition of whole organism and fortified with knowledge about general biochemistry, comprises a chemical signature that integrates over the lifetime of the organism, or the pedogenic development	1	122,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				of the soil.		
ENERGY, DEPT	Jelena Maricic	Department of Physics and Astronomy	Resolving Reactor Antineutrino Anomaly with Strong Antineutrino Source	CeLAND experiment will investigate the existence of sterile neutrinos, a new form of matter yet to be discovered. The search will be performed by deploying a 10^{15} Bq antineutrino source in a 1kton detector KamLAND in Japan. The existence of sterile neutrinos will be one of the most important discoveries of physics Beyond Standard Model.	1	150,000
Energy, Dept. of-Lawrence Berkeley Natl Lab	Michael Roberts	Social Science Research Institute	Implicit Discount Rates and the Energy Paradox		1	20,000

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-BUREAU LAND MGMT-FED	Tamara Ticktin	Department of Botany	Influence of fire severity and canopy cover on the population dynamics and harvest quality of beargrass (<i>Xerophyllum tenax</i> Melanthiaceae) in the Cascade Mountains of Oregon	In this study, in order to assess the impact of contemporary management practices on culturally-significant forest plants, I propose to measure the impact of fire severity and canopy cover on the population viability (the ability of the population to sustain itself over time) and leaf quality (acceptability to harvesters) of beargrass in the Cascade Mountains of Oregon.	1	24,998
INTERIOR, DEPT-FISH & WILDLIFE SVC	David Duffy	Department of Botany	Johnston Atoll Yellow Crazy Ant Strike Team	Eradicate infestation of Yellow Crazy Ants on the Johnston Atoll and collect data to evaluate methods	1	98,000
INTERIOR, DEPT-FISH & WILDLIFE SVC	Kenneth Kaneshiro	Pacific Biosciences Research Center	Pacific Islands Climate Change Cooperative	This agreement is being implemented to support a cooperative partnership, the Pacific Islands Climate Change Cooperative (PICCC), that will produce scientific and technical information needed to adapt conservation actions to changing climate and other conditions. The objective is to create new information and mechanisms of collaboration that will increase the effectiveness of conservation in the future.	1	292,032

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	Sharon Ziegler	Pacific Aquaculture and Coastal Resources Ctr	Collaboration between PICCC and UHH to Support Climate Change Research	Collaborative agreement between PICCC and UHH to support climate change research projects, starting with a database manager position.	1	140,000
INTERIOR, DEPT-NATIONAL PARK SVC	Clifford Morden	Department of Botany	Building Habitat and Capacity in Rare and Endangered Native Hawaiian Plant Populations in a Changing Climate	Expand rare and endangered native Hawaiian plant populations across their wider ecological range, thereby building capacity for these species to persist in the wake of climatic changes and other disturbances.	1	118,010
INTERIOR, DEPT-NATIONAL PARK SVC	Clifford Morden	Department of Botany	Evaluate control strategies for invasive plants in Hawaii Volcanoes National Park	Evaluate the efficacy of invasive plant control strategies in Hawaii Volcanoes National Park.	1	120,000
INTERIOR, DEPT-NATIONAL PARK SVC	David Duffy	Department of Botany	Evaluate New Predator Proof Fence Design to Protect Hawaiian Petrels		1	131,645
INTERIOR, DEPT-NATIONAL PARK SVC	David Duffy	Department of Botany	Monitor Hawksbill Turtle Nesting Beaches	Collect data and monitor hawksbill turtle nesting sites and make management recommendations.	1	30,837
INTERIOR, DEPT-NATIONAL PARK SVC	David Duffy	Department of Botany	Teaming with the Maui Invasive Species Committee to Develop & Evaluate Techniques for Controlling Invasive Plants & Restoring Native Plant Communities		1	146,500
INTERIOR, DEPT-NATIONAL PARK SVC	James Bayman	Department of Anthropology	Archeological Condition Assessments and Site Stabilization at Kalaupapa	The University of Hawaii and the NPS will collaborate to complete condition assessments and map and stabilize a series of archeological sites throughout Kalaupapa National Historical Park, including the Kalaupapa Trail (also known as the pali trail) and Kauhako Crater. The project will generate critical archeological data and evaluations which will inform the park of significant archeological features, help park managers and the public understand the existing condition of the sites, and contribute to plans for future site preservation. The project also provides hands-on training to a local graduate student participating in the work.	1	60,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-NATIONAL PARK SVC	Joseph Genz	Anthropology (UH Hilo)	Oral History Overview and Assessment for Puuhonua o Honaunau National Historical Park	Investigators and graduate students with the University of Hawaii at Hilo, Heritage Management Program and National Park Service resource managers will collaborate to develop and conduct ethnographic research using archival research and oral history techniques with the Honaunau-Kiilae communities of South Kona. Project cooperators and funded graduate students will complete a compilation and synthesis of ethno-historical data for the park from multiple sources and repositories. As part of this project, one graduate student will contribute to the identification and cataloging of any ethno-historical data not held by the park, participate in ethnographic interviews, help write the Oral History Overview and Assessment, and also will complete a master's thesis.	1	88,218
INTERIOR, DEPT-NATIONAL PARK SVC	Patrick Hart	Biology (UH Hilo)	Vegetation Inventory and Monitoring Support		1	127,153
INTERIOR, DEPT-NATIONAL PARK SVC	Patrick Hart	Natural Sciences Division	Support for Landbird Monitoring in Three National Parks in the Pacific Island Network	This Task Agreement will provide support to cooperatively conduct landbird monitoring at three national parks, including field data collection, the expertise of a master birder, data entry, data quality assurance/quality control, project compliance, field logistics and report tasks.	1	83,195
INTERIOR, DEPT-NATIONAL PARK SVC	Paul Krushelnycky	Plant and Environmental Protection Sciences	Natural Resource Condition Assessment for Haleakala National Park		1	129,998
INTERIOR, DEPT-NATIONAL PARK SVC	Paul Krushelnycky	Plant and Environmental Protection Sciences	Understanding how climate change is affecting Hawaii's high-elevation ecosystems		1	39,999
INTERIOR, DEPT-PACIFIC ISLANDS CLIMATE SCIENCE CTR	Philip Robert Thompson	Joint Institute for Marine and Atmospheric Research (JIMAR)	Diagnosing and Communicating the effect of climate variability on frequency of coastal inundation		1	118,945

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-PACIFIC ISLANDS CLIMATE SCIENCE CTR	Thomas Giambelluca	Geography (UH Manoa)	Cloud Water Interception in Hawai'i: Developing Capacity to Characterize the Spatial Patterns and Effects on Water and Ecological Processes	The objectives of this study are to (1) make field measurements of atmospheric liquid water content (ALWC); (2) test regional model simulations of horizontal flux of atmospheric liquid water (HFALW; the product of ALWC and wind speed); (3) make field measurements of cloud water interception (CWI); (4) test an empirical model relating HFALW and vegetation characteristics to CWI; (5) test low-cost alternatives for measuring ALWC; (6) estimate the effect on transpiration of leaf wetting by fog; and (7) make field measurements of soil water content and soil water potential for a related study that will (i) develop regional estimates of soil moisture using a water budget model, (ii) contrast soil moisture from areas with and without CWI to evaluate the importance of CWI during periods of drought, and (iii) estimate plot-scale groundwater recharge rates.	1	215,395
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Darren Lerner	Water Resources Research Center	Assessment of Groundwater Availability in the Volcanic-Rock Aquifers of Hawaii		1	77,500
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Kirsten Oleson	Natural Resources and Environmental Mgt	Mapping and environmental science to support clean reefs of West Maui, Hawaii		1	21,866
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	Vegetative guide and dashboard relating atoll agroforestry recommendations to predicted climate and sea level conditions in the Marshall Islands	We will develop an online "dashboard"/webpage for information related to agriculture, forestry and climate change for the Marshall Islands.	1	109,501
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Noelani Puniwai	Vice Chancellor for Research	Hawaiian Seascapes and their management implications	Cultural views of seascapes involve a broad range of values, meanings, and assumptions that individuals and social groups place on the marine environment. Ignoring differences within/across these perspectives can be counter-productive in reaching management goals. A preemptive approach can include an understanding of what is valued in each ecosystem, and by whom.	1	61,264

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Randy Hirokawa	College of Arts and Sciences	Cooperative Monitoring and Assessment of Hawaii Volcano Hazards	This cooperative agreement pertains to the work of the Center for the Study of Active Volcanoes at the University of Hawaii at Hilo in conducting research and analysis of Hawaii's volcanoes and related volcanic hazards and risks. This work is under a Memorandum of Understanding between the U. S. Geological Survey Hawaiian Volcano Observatory (HVO) and the Center for the Study of Active Volcanoes. This cooperative agreement defines a collaborative research and monitoring program to be undertaken during the coming fiscal year.	1	225,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Assessing the Vulnerability of Pacific Island Species and Ecosystems to Climate Change: Approaches and Applications	Collaborative proposal with USGS PIERC on Vulnerability Assessment as per Master Coop Agreement.	1	4,896
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Developing integrated predator management to restore diverse, mesic, montane forest communities in Hawai'i Volcanoes National Park	Cooperative project with USGS to conduct study of predators of native birds and ecosystems	1	23,758
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Ecology of Hawaiian Waterbirds	The purpose is for research and data collection.	1	70,717
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Habitat Assessment and Restoration of Anchialine Pools		1	53,495
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Hawaii Forest Bird Demographics, dated 08/28/2012	Directly measure and evaluate vital rates of native Hawaiian forest birds to ensure long-term viability.	1	65,278
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Listed Species and Ecosystems of the Pacific Islands Project		1	17,283
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	PICSC Support for Collaboration of Climate Change Strategic Science Research and Communication	HCSU and PICSC collaboration for supporting PICSC strategic planning and communication material development	1	95,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Quantitative Analysis of Ecologic Data		1	131,551
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Vice Chancellor for Research	Testing an ultraviolet visual deterrent for bats	Cooperative research project with USGS PIERC on testing the effectiveness of UV light as a location deterrent for Hawaiian Hoary Bat.	1	31,262

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Tamara Ticktin	Department of Botany	Dryland Forest Restoration Ecology Study	Dryland forests are one of Hawaii's most culturally important and severely endangered habitats. They have been reduced to less than 10% of their original area and more than 25% of the officially listed endangered Hawaiian plant species are from dryland forest habitats and found nowhere else on earth. This research project focuses on a detailed examination of the factors affecting regeneration of seven dryland forest species in the Ka'a'alehu Preserve, Hawaii Island. Rates and patterns and drivers of regeneration of wild seedlings and outplants will be documented and compared, and population viability analyses built for two species. The results will inform conservation and restoration efforts in Ka'a'alehu and beyond.	1	28,800
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Thomas Giambelluca	Geography (UH Manoa)	Ecohydrological Field Research in Hawaii	This project will support the continued maintenance of the HaleNet system, which now includes nine active climate stations, two repeaters, and a base station. We will also continue operating HavoNet, two advanced flux towers measuring energy, water, and carbon exchanges over one native forest site and one nonnative forest site. Measurements at these two towers include complete micrometeorological energy balance, and trace gas (H2O and CO2) fluxes.	1	30,000

DOT-Dept of Transportation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
TRANSPORTATION, DEPT-FED-FED AVIATION ADMIN	Scott Turn	Hawaii Natural Energy Institute (HNEI)	Alternative Jet Fuel Supply Chain Analysis - Tropical Region Analysis		1	75,000

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
APEC CLIMATE CENTER	Bin Wang	International Pacific Research Center	Subseasonal prediction of hydro-meteorological extreme events over the		1	64,200

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		(IPRC)	Asian-Pacific region using BSISO indices			
BIO-ON SRL	Jian Yu	Hawaii Natural Energy Institute (HNEI)	PHA Bioplastics from Biomass		1	1,419,011
JAPAN FOUNDATION	Patricia Steinhoff	Sociology (UH Manoa)	Update to Japan Directory Project	<p>This proposal is for a limited update to the Directory of Japan Specialists and Japanese Studies Institutions in the U.S. and Canada. That study was the 4th directory that the PI has conducted using essentially the same procedures, and included both the directory and a monograph on the state of Japanese Studies in the U.S. The project and its products are currently available to the public on a searchable website.</p> <p>The website is hosted on two servers that are currently part of the College of Social Sciences computer system. Because the material has been posted for 2 years, the Japan Foundation has been receiving inquiries about updating it. As a result, the Japan Foundation has requested a proposal for a limited update that will allow programs and libraries that are already included in the directory to update their current staff lists, position titles, and contact information, and Japan specialists who are currently listed to update their position titles and contact information.</p>	1	60,000
KEK HIGH ENERGY ACCELERATOR RCH ORG	Gary Varner	Department of Physics and Astronomy	JFY 2015 US/Japan Program for Cooperation in High Energy Physics for High Luminosity R&D	Fabricate final production readout modules (circuit boards) and firmware, for synchrotron x-ray monitoring of the nanometer-size electron bunches of the Super-KEKB accelerator.	1	43,947
KOREA INSTITUTE OF OCEAN SCIENCE & TECHNOLOGY	Fernando Martinez	Hawaii Institute of Geophysics and Planetology (HIGP)	Proposal for the Evaluation of Seafloor Geologic Data in the KIOST Manganese Nodule Exploration Zone in 2015		1	50,000
Korean Institute of Criminology	Tae-ung Baik	William S. Richardson School of Law	Criminal-Judicial Cooperation in Northeast Asia	Criminal-Judicial Cooperation in Northeast Asia to Realize the 'Northeast Asian Peace and Cooperation Building Policy': Establishing Northeast Asian Cooperation Network to Enhance the Human Rights Protection in the Criminal Process	1	10,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
London, University of-Royal Holloway	Dusko Pavlovic	Information and Computer Sciences	Semantic completions: unifying the wave and the particle views of information	The available information extraction methods fall into two families, exemplified by Latent Semantic Analysis (LSA) on one hand, and Formal Concept Analysis (FCA) on the other. These two approaches correspond to a wave-based and a particle-based view of information flow. Although these approaches have been settled for a while, this wave-particle divide does not seem to have been explored. We claim that it opens an alley towards a novel methodology for data analysis and information extraction, arising from the idea of semantic completions. Preliminary formalizations of this idea show that the currently available wave-based and the particle-based methods are subsumed as the extremal cases, and that the space in-between is covered by the methods suitable for the processes where information flows both in waves and in particles. We discuss the research paths towards understanding this new approach, and to deriving the new practical tools that it enables.	1	200,000
UK Seabed Resources Ltd	Craig Smith	Department of Oceanography	Craig Smith Participation in Workshop on Polymetallic Nodule Benthic Biological Baseline Studies, London 13-15 March, 2013		1	439,020
Winnipeg, University of	Cristina Bacchilega	Department of English	Fairy Tale Cultures and Media Today		1	7,500

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EAST WEST CENTER	Andrew Mason	Economics (UH Manoa)	Policy Responses to Rapidly Aging Populations		1	36,132
HAWAII COUNCIL FOR THE HUMANITIES	Lynn Davis	Library (UH Manoa)	Students as Scholars		1	4,000
KAMEHAMEHA SCHOOLS	Scott Kikiloi	Kamakakuokalani Center for Hawaiian Studies	Hawaiian Studies Malama 'Aina Field School & Training Program - Kohala i ka Unupa'a		1	71,757

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Thetis Pacific LLC- ClearStream.Bio	Roger Babcock	Water Resources Research Center	Performance of an Innovative Residential Wastewater System		1	17,621

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Andrea Kawabata	Tropical Plant and Soil Science	Predation by Flat Bark Beetles on Coffee Berry Borer		1	52,080
AGRICULTURE, DEPT-HI	David Duffy	Department of Botany	Development of Best Practices for Managing Pest Ants in Agricultural Systems		1	100,000
AGRICULTURE, DEPT-HI	Georgianne Marie Purvinis	Chancellor, Kauai Community College	Kauai Honey Bee Stock Improvement	The goals of this project are to build queen rearing capacity on Kauai, and improve the honey bee stock temperament while simultaneously selecting stock with Varroa resistance. These goals will be accomplished by establishing a queen rearing capability at Kauai Community Colleges apiary, improving stock with semen and insemination services provided by HDOA twice a year, educating students and local beekeepers on the insemination and stock improvement practices, and supplying the community with a reliable source of Varroa-free gentle queens and bees. KauCC will offer programs that build awareness of the importance of honey bees while recruiting and educating new bee keepers for a sustainable future.	1	49,438
AGRICULTURE, DEPT-HI	Mark Wright	Plant and Environmental Protection Sciences	Coffee berry borer - microbe interactions with emphasis on Burkholderia endosymbionts		1	85,943

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Ryan L Perroy	Geography (UH Hilo)	Conduct an agricultural baseline for the State of Hawaii	We propose to provide the Hawaii Department of Agriculture with a current digital baseline of the lands and key resources deployed in active agricultural use across the state in 2014. Using the most current statewide satellite imagery, and other available data sources, the team will digitize the footprint of agricultural activities on the six major Hawaiian Islands. The resulting maps will depict the location of all major crop lands in a dozen or more categories of agricultural land use.	1	50,000
HAWAIIAN HOME LANDS, DEPT-HI	Clifford Morden	Department of Botany	Gorse Control Work at Kahikinui, Maui	Locate and control previously mapped gorse populations via hand pulling and herbicide application.	1	8,880
HAWAIIAN HOME LANDS, DEPT-HI	Faith Marie Inman-narahari	Natural Resources and Environmental Mgt	Aina Mauna Seed Orchards		1	18,300
HAWAIIAN HOME LANDS, DEPT-HI	James Friday	Natural Resources and Environmental Mgt	Performance, survival and plasticity of koa (Acacia koa Gray) and mamane (Sophora chrysophylla) at a high elevation site on the Big Island of Hawaii		1	11,503
HEALTH, DEPT-HI	Kelley Withy	Department of Complementary and Alternative Medicine	DOH Healthy Hawaii Initiative Contract		1	132,000
HEALTH, DEPT-HI	Rebekah Rodericks	Office of Public Health Studies	Environmental and Policy Change to Promote Physical Activity and Nutrition on Maui and Kauai	This project is designed to influence physical activity and nutrition in Maui and Kauai Counties by attempting to change policies and environments that support good health.	1	165,000
HEALTH, DEPT-TOBACCO SETTLEMENT-HI	Opal Buchthal	Office of Public Health Studies	Evaluation of the Healthy Hawaii Initiative	This project provides research and evaluation support to the Healthy Hawaii Initiative.	1	774,059
HUMAN SERVICES, DEPT-HI	Selva Lewin-bizan	Family and Consumer Sciences	State Commission on Fatherhood Project		1	2,400
HUMAN SERVICES, DEPT-HI Benefits, Employment & Support Services	Sarah CW Yuan	Center on the Family	HMIS Analysis and Dissemination Project	Data analysis of homeless in Hawaii and preparation of reports for wide dissemination.	1	41,160
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Kaneohe Bay, Oahu Invasive Algae Control Project	Remove invasive algae and restore coral habitat in north Kaneohe Bay, and develop a monitoring plan for coral recovery.	1	1,149,215

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Cooperative Administration of FADs	Maintain the State's fish aggregating device (FAD) system and conduct FAD-related research.	1	350,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Lahaina Watershed Protection	Construction of a 2.9 mile ungulate boundary fence spanning the foothills of the West Maui Mountains from Lahaina to Launiupoko.	1	283,862
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Mauna Kea Watershed Alliance: Arch Survey	Provide support for the Mauna Kea Watershed Alliance for natural resource management actions to conserve the State's water resources as well as native habitats and species.	1	10,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	W14 East Maui Watershed Partnership		1	75,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Koolau Mountains Watershed Partnership Management Plan Implementation, FY 2011		1	175,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Native Ecosystems Protection and Management Oahu	Protect and manage the best remaining samples of Hawaii's native species and ecosystems in the Natural Area Reserves and Forest Reserves.	1	220,246
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Threatened and Endangered Species Recovery: Kauai	Conduct applied field research to promote recovery of Kauai's threatened and endangered plants.	1	72,206
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Development of a Habitat Conservation Plan for Game Mammal Management in North Kona, Hawaii		1	77,305
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Endangered Maui Forest Bird Population Research and Management		1	44,663
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.	2	73,132
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Implementation of the Statewide Wildlife Action Plan: Hawaii Island	Implement site- and species-specific recovery management plans for endangered native birds on the Big Island.	1	120,698

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Mamalu Poepoe - Interagency Points of Entry, Points of Exit Monitoring Plan	Monitor and plan for target pest species (mosquitoes, ants, coconut rhinoceros beetles, and Africanized honeybees) that pose a threat to human health, economic, and environmental concern.	1	75,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Maui District Endangered Species Research	Research and monitor endangered seabirds on Maui, Molokai, and Lanai.	1	69,875
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Native Ecosystem Protection and Management Program Development Project	Provide research support for program development and capacity building within the NEPM section.	1	59,674
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Natural Area Reserves Feral Ungulate Management Implementation Hawaii Island	Document, monitor, and implement management actions pre- and post- large-scale ungulate exclusion within the Natural Area Reserves System on the Island of Hawaii.	1	150,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	W15 East Maui Ungulate Control	Control and monitor for feral pigs within East Maui Watershed to protect native forest habitats.	1	100,000
LAND & NATURAL RES, DPT-FORST (DLNR)	James Leary	Natural Resources and Environmental Mgt	Determining effective foliar herbicide suppression of coppicing E. saligna and robusta stumps and assist with the establishment of interim and long-term herbicide treatment protocols		1	14,960
LAND & NATURAL RES, DPT-FORST (DLNR)	Leyla Kaufman	Plant and Environmental Protection Sciences	Garden study to test susceptibility of different naio populations to naio thrips in Hawaii		1	8,920
LAND & NATURAL RES, DPT-FORST (DLNR)	Nellie C Sugii	Lyon Arboretum	Plant Restoration and Enhancement Project: Mid-Elevation Rare Plant Facilities	Conservation of rare Hawaiian plants by using genetic management, propagation, seed storage and species restoration to increase and stabilize populations.	1	95,150
LAND & NATURAL RES, DPT-FORST (DLNR)	Nellie C Sugii	Lyon Arboretum	Plant Restoration and Enhancement Project: Rare Plant Facilities, Statewide	Conservation of rare Hawaiian plants by using genetic management, propagation, seed storage and species restoration to increase and stabilize populations.	1	106,787
LAND & NATURAL RESOURCES, DEPT (DLNR) OFC CONS COAST LDS	Charles Fletcher	Department of Geology and Geophysics	Empirical Projection of Future Shoreline Position and Inundation Due to Sea Level Rise		1	12,036

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
WATER SUPPLY, BOARD OF	Aly El-kadi	Water Resources Research Center	Assessing Feasibility of Storm-Water Harvesting by Groundwater Injection in Nuuanu Reservoir No. 4, Oahu, Hawaii		1	80,000
WATER SUPPLY, BOARD OF	David Duffy	Department of Botany	Survey, Control, and Monitoring of Miconia and Himalayan Blackberry on Selected BWS Watershed Areas on Oahu		1	127,721
WATER SUPPLY, BOARD OF	Pao-shin Chu	Department of Atmospheric Sciences	Projecting Future Freshwater Supply for Oahu under a Changing Climate	To project future precipitation and evapotranspiration changes for Oahu using a regional climate model and a suite of global climate model projections.	1	70,000

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
QUEEN'S HOSPITAL MEDICAL CENTER	Elizabeth Tam	Department of Medicine	Detection of Serum Biomarkers of Gastrointestinal Malignancies as a Novel Screening Tool		1	50,000
QUEEN'S HOSPITAL MEDICAL CENTER	Gordon S. Okimoto	Cancer Etiology	Functional Genomics and Molecular Imaging of Liver Disease and Cancer	Using positron emission tomography/computed tomography (PET/CT) of liver cancer tissue, this study will perform integrated analysis of high-dimensional microarray data to enhance the identification of genes, pathways, and novel biomarkers for the early diagnosis of liver cancer.	1	201,167

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EPIC Ohana, Inc	Ivette Stern	Center on the Family	Hawaii Youth Opportunities Initiative Data Analysis		1	10,000
HAWAII COMMUNITY FOUNDATION (HCF)	Ho Leung Ng	Department of Chemistry	Dissecting the role of allosteric inhibition in aromatase pharmacology	Aromatase inhibitors are a key treatment for breast cancer by blocking the synthesis of estrogen. We have identified putative new aromatase drug binding sites that may affect clinical pharmacology. We will test our hypothesis about the function of these sites and explore the possibility of new drugs targeting these sites. These new drugs may be more effective or have fewer side effects.	1	49,981

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Mahavir Chougule	Pharmaceutical Sciences	STAT3 Inhibitor Loaded Bioresponsive Polymeric Nanotherapy for Lung Cancer	The non-small cell lung cancer (NSCLC) is about 80% among all lung cancers. Current therapy for NSCLC has lowest 5-year survival rate of ~17 % compared to other cancers (breast~85%, colon ~60%, ovarian ~53%). In addition, the metastatic nature of this disease has been responsible for poor survival rates and emphasized the need for newer effective and well-tolerated treatment regimens. Even with the currently available treatment the response rates remain <50% and a third of patients that present with stage IV disease have a 2-year survival rate of <20%. We will utilize a unique arginine grafted bioresponsive polymer (ABP polymer) to formulate a multifunctional nanocarrier, which could deliver a newly synthesized drug (STAT3 inhibitor) specifically to lung cancer cells while sparing the normal cells.	1	47,228
HAWAII COMMUNITY FOUNDATION (HCF)	Pakieli Kaufusi	Department of Tropical Medicine, Medical Micro and Pharm	West Nile Virus NS2B-NS3 Heterodimer As a Potential Target for Antiviral Drug Development		1	50,000
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Cedomir Todorovic	Department of Cell and Molecular Biology	Regulation of NMDA Signaling, Memory and Synaptic Plasticity by the JIP2 scaffold protein		1	50,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Dana-lynn Koomoa	College of Pharmacy	Investigating the anti-cancer effects of Hawaiian plant extracts	The proposed research utilizes a native Hawaiian ethnopharmacological approach to identify alternative treatments for NB. This approach could lead to alternative treatments for NB. An initial screen examining the anti-cancer effects of traditional preparations (water based, not solvent-based) of NH plant extracts identified noni (<i>Morinda citrifolia</i>) and popolo (<i>Solanum americanum</i>) as having potent anti-cancer effects in NB cells with and without MYCN amplification. Traditionally prepared noni and popolo extracts induced apoptosis in NB cells. This process appears to be mediated by aberrant calcium signaling. The proposed project will address the hypothesis that Noni (<i>Morinda citrifolia</i>) and popolo (<i>Solanum americanum</i>) will inhibit the growth of an in vitro model of NB via a calcium-dependent mechanism.	1	49,901
HAWAII COMMUNITY FOUNDATION MED RSCH FUNDS	Leng Chee Chang	College of Pharmacy	Evaluation of Natural Products and Withanolides Derived from <i>Physalis peruviana</i> (Pp) in the Treatment of Cancer	<p>Scope of Work Project entitled: Evaluation of Natural Products and Withanolides Derived from <i>Physalis peruviana</i> (Pp) in the Treatment of Cancer</p> <p>College of Pharmacy will be performing the following for the above referenced project:</p> <p>To perform these studies using <i>Physalis peruviana</i> extracts (1) To re-isolate <i>Physalis peruviana</i>-derived natural product PPE21 for semi-synthesis of the acetylated withanolides. To re-isolate a sufficient amount of PPE21_M, and PPE36 for further biochemical and biological studies.</p>	1	47,500
MALAMA O MANOA	Brett Oppegaard	School of Communications	Manoa Public Art app		1	2,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATURE CONSERVANCY, THE-HAWAII	Alan Friedlander	Department of Biology (Biology Program)	TNC Marine Conservation Projects	<p>PURPOSE: To support the Nature Conservancy of Hawai'i marine science team in their marine monitoring activities and other related projects.</p> <p>SCOPE OF WORK:</p> <p>Task 1: Assist The Nature Conservancy's marine science team to design and collect data for marine resource surveys of the coastlines of Ka'upulehu and Kiholo, to assess the status of the resources related to the closure of an area of coastline. (Note: Surveys may occur pre- or post-closure, depending on dates of closure.)</p> <p>Task 2: Assist The Nature Conservancy's marine science team with a marine ecological assessment of Lanikai, O'ahu.</p> <p>Task 3: Assist The Nature Conservancy's marine science team with other science and monitoring projects.</p>	1	52,000
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	Conduct Preliminary Study to Identify the Best Treatment for Eliminating Polydora in Oyster	Conduct limited trials on polydora worm prevention.	1	3,000
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Samir Khanal	Molecular Biosciences and Bioengineering	Utilization of Local Agri-Processing By-products to Produce Fungal Protein for Aquatic Feed Production		1	99,812
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford W. Morden	Department of Botany	East Maui Watershed Protection: Waikamoi Preserve	Conduct applied conservation research and management to protect the native forests of Waikamoi Preserve in east Maui.	1	87,909
UNIVERSITY HAWAII FOUNDATION	Aleksandar Kavcic	Electrical Engineering	High Density Recording Research	Development of meta signal dependent detectors for data storage.	1	20,000
UNIVERSITY HAWAII FOUNDATION	Anne Alvarez	Plant and Environmental Protection Sciences	New methodologies for Identification of Bacteria in Environmental Samples		1	22,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Arindam Chakrabarti	Philosophy (UH Manoa)	Indian Philosophy of Mind Research Assistant	The Indian Philosophy of Mind Research Assistant will assist the P.I. in research projects and in the preparation of manuscript in Indian Philosophy and the Philosophy of Mind/Language.	1	9,843
UNIVERSITY HAWAII FOUNDATION	David Karl	Center for Microbial Oceanography, Research and Edu (C-MORE)	SCOPE - Simons Collaboration on Ocean Processes and Ecology - Investigator Award - David Karl		1	338,333
UNIVERSITY HAWAII FOUNDATION	Edward F DeLong	Center for Microbial Oceanography, Research and Edu (C-MORE)	SCOPE - Simons Collaboration on Ocean Processes and Ecology - Investigator Award - Edward DeLong		1	338,333
UNIVERSITY HAWAII FOUNDATION	Erin Bantum	Social and Behavioral Sciences	Project A: Cancer Survivorship Pilot Studies		1	9,503
UNIVERSITY HAWAII FOUNDATION	Guenther Hasinger	Institute for Astronomy	Victor and Peggy Brandstrom Pavel Director's Chair in Astronomy		1	81,485
UNIVERSITY HAWAII FOUNDATION	H. Ronald Riggs	Civil and Environmental Engineering	Ocean - Civil Engineering Fund		1	35,000
UNIVERSITY HAWAII FOUNDATION	Herbert Yu	Cancer Etiology	Chair in Epidemiology		1	115,213
UNIVERSITY HAWAII FOUNDATION	James Turkson	Natural Products	2014 Pilot Study Award 3: Evaluation of Hirsutinolides Derived from Vernonia cinerea in the Treatment of Cancer		1	30,000
UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research		1	23,750
UNIVERSITY HAWAII FOUNDATION	Kimberly Carlson	Natural Resources and Environmental Mgt	HCS Mapping in Sumatra and Borneo - Google		1	57,000
UNIVERSITY HAWAII FOUNDATION	Lyle Campbell	Department of Linguistics	Henry Luce Foundation Endangered Languages Catalogue		1	39,604
UNIVERSITY HAWAII FOUNDATION	Matthew Church	Department of Oceanography	SCOPE - Simons Collaboration on Ocean Processes and Ecology - Investigator Award - Matthew Church		1	290,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Peter Hoffmann	Department of Cell and Molecular Biology	Mesothelioma Vaccine Project	This project will develop vaccine strategies for the prevention and treatment of mesothelioma.	1	7,590
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	280,788
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	18,050

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AMERICA VIEW	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Stateview Program Development and Operations for the State of Hawaii		1	23,500
DEVELOPMENT ALTERNATIVES INC	David Lassner	Pacific Disaster Center	ASEAN PROGRESS DMRS	ASEAN PROGRESS DMRS	1	70,984
EAST & WEST INC	Yean-ju Lee	Sociology (UH Manoa)	Policy Responses to Rapidly Aging Populations	Literature review, compilation of data, advanced statistical analysis of census and survey data, preparing analytical tables and charts, and assisting in writing of research papers and presentations at professional meetings.	1	28,113
ECOG-ACRIN Cancer Research Group	Jeffrey Berenberg	Clinical Sciences	Purchase Services Agreement for Services to be Provided in Support of Clinical Trials Conducted by ECOG-ACRIN		1	45,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH RESEARCH INC	Song-Yi Park	Cancer Etiology	Epidemiology of Breast Cancer Subtypes in African American Women: a Consortium	This project is a collaboration among study groups with information on African American women with breast cancer, and will be coordinated at Roswell Park Cancer Center. Dr. Kolonel will provide data from the Multiethnic Cohort Study, and will participate in all aspects of the study.	1	32,699
ICS Associates Inc.	Robert Jedicke	Institute for Astronomy	ICS Research Agreement		1	5,000
JET PROPULSION LAB-JPL	Shiv Sharma	Hawaii Institute of Geophysics and Planetology (HIGP)	SuperCam: Active and Reflectance Mineralogy, Astrobiology, Chemistry, and Imaging at Remote Distances		1	26,125
LAWRENCE LIVERMORE NATL LAB	Stephen Dye	Department of Physics and Astronomy	Remote Discovery and Monitoring of Small Reactors		1	20,000
McSwain Engineering, Inc.	Lloyd Hihara	Mechanical Engineering	Corrosion Field Testing of Aluminum Panels		1	28,533
MERCK & COMPANY INC	Charles Joel Rosser	Clinical Sciences	Quantitating the Expression of PD-L1 in Non-Muscle Invasive Bladder Cancer		1	13,050
Predictive Science Inc.	Jeffrey Kuhn	Institute for Astronomy	SHINE: Exploring a New Technique for Measuring the Vector Magnetic Field in the Solar Corona	Primary goal is to provide for the first time an unambiguous measurement of the entire magnetic vector in the solar corona and incorporate this information into solar corona models in order to improve forecasting solar energetic events and space weather.	1	70,696
Q-Peak, Inc.	Anupam Misra	Hawaii Institute of Geophysics and Planetology (HIGP)	Compact Laser for in-situ compositional analysis		1	29,793
SIEMENS MEDICAL SOLUTIONS USA INC	Thomas Ernst	Department of Medicine	UHawaii Ernst Neuro Sequence MRI		1	2,500
SPACE TELESCOPE SCIENCE INSTITUTE	Bo Reipurth	Institute for Astronomy	The First Ultraviolet Survey of Orion Nebula's Protoplanetary Disks and Outflows		1	17,602
T.A. Sciences	Richard Allsopp	Institute for Biogenesis Research	Telomerase Activation in Hematopoietic Cells Using Astragalus Derived Compounds		1	25,000

Mainland- Health Organizations

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Children's Hospital of Philadelphia	Robert Wilkinson	Clinical Sciences	Children's Oncology Group Per Case Reimbursement NIH NCTN Operation Grant U10CA180886		1	10,000

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ASSOCIATION UNIVERSITIES RESEARCH IN ASTRONOMY, INC.	Haosheng Lin	Institute for Astronomy	Diffraction Limited Near Infra Red Spectro-Polarimeter Fabrication (Contract No. C22022B5)		1	4,960,585
Center for Global Development	Victoria Y Fan	Dept of Public Health Sciences and Epidemiology	Funding and Impact of Family Planning 2020		1	78,550
Lowell Observatory	Robert Jedicke	Institute for Astronomy	The Mission Accessible Near-Earth Objects Survey (MANOS) NNX14AN82G Sub-Award Through Lowell Observatory		1	37,116
Monterey Bay Aquarium	Edward Delong	Center for Microbial Oceanography, Research and Edu (C-MORE)	MRI: Development of an Autonomous Four Dimensional Planktonic Microbial Environmental Sampling and Survey System: MiVEGAS		1	124,522
Mountain West Clinical & Translational Rsrch Infrastructure Network	Ivo N Sah Bandar	Department of Tropical Medicine, Medical Micro and Pharm	Role of Gut Macrophages and the Microbiome in HIV-associated Immune Activation		1	66,000
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	20,022
RESEARCH FOUNDATION STATE UNIV NY	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Infrared and Raman Spectroscopic Study of Biosignature Preservation in Terrestrial Clay-Rich Sediments: Implications for Martian Astrobiological Exploration		1	60,598
Simons Foundation	Pavel Guerzhoy	Department of Mathematics	Congruences Related to Modular and Mock Modular Forms	Scientific travel by the grantee and scientific visits to the grantee's institutions.	1	7,000
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	40,529

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY CORP ATMOSPHERIC RSCH	Yi-leng Chen	Department of Atmospheric Sciences	Applications of Satellite Data for Model Initialization and Verifications to Improve Weather Forecasting in Hawaii		1	19,979

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	David Ho	Department of Oceanography	Seasonal variability in dissolved inorganic carbon fluxes in a mangrove ecosystem		1	182,241
NATIONAL AERONAUT & SPACE ADM	Donald Hall	Institute for Astronomy	Extending the astronomical application of photon counting HgCdTe linear avalanche photo-diode arrays to low background space observations.	This investigation will extend photon counting HgCdTe linear avalanche photo-diode sensor technology, already under NSF funded development at UH for adaptive optics wavefront sensing, to NASA infrared astrophysics observations of sources so faint that information must be wrung from just a few photons.	3	770,390
NATIONAL AERONAUT & SPACE ADM	G Jeffrey Taylor	Hawaii Institute of Geophysics and Planetology (HIGP)	Lunar Bulk Composition and Evolution of the Crust and Mantle	Research using data returned by the GRAIL mission to the Moon to determine the lunar chemical composition	1	99,073
NATIONAL AERONAUT & SPACE ADM	Gary Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Chemical and Isotopic Investigations of Presolar and Early Solar System Materials		1	166,000
NATIONAL AERONAUT & SPACE ADM	Gary Huss	Hawaii Institute of Geophysics and Planetology (HIGP)	Elemental and Isotopic Abundances in Solar Wind from SIMS Analysis of Genesis Collectors		1	75,000
NATIONAL AERONAUT & SPACE ADM	Hope Ami Ishii	Hawaii Institute of Geophysics and Planetology (HIGP)	Nebular and Parent Body Materials Processing in Early Solar System Solids II: Formation and Alteration Studies by FIB- (S)TEM - Hawaii		1	81,706
NATIONAL AERONAUT & SPACE ADM	James Foster	Hawaii Institute of Geophysics and Planetology (HIGP)	Advanced Corrections for InSAR Using GPS, Satellite Observations, and Numerical Weather Models: Application to Hawaiian Volcanoes		1	180,270
NATIONAL AERONAUT & SPACE ADM	Jeffrey Gillis- davis	Hawaii Institute of Geophysics and Planetology (HIGP)	Examining the effective contribution of temperature, space weathering, and volatiles on regolith reflectance.		1	30,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Jeffrey Gillis-davis	Hawaii Institute of Geophysics and Planetology (HIGP)	Pyroxene and Olivine Synthesis: A Strategy to Improve Spectral Remote Sensing Derived Data Products	Understanding the fundamental chemical controls on visible and near-infrared reflectance spectra of pyroxene and olivine is critical to quantitatively assessing the mineral chemistry and abundance estimated by remote sensing. We propose improving the accuracy of compositional and mineralogical information derived from visible-near infrared remote sensing data. To this end, we aim to improve the predictability of these models by addressing their two key limitations: 1) inadequate reflectance data spanning the complete olivine and pyroxene compositions, and 2) conflicting or poor results when models are trained on one set of data and used to classify another. The systematic strategy we devised contains three steps: 1) synthesize mafic silicates with a extraterrestrial-like major and minor element compositions and under controlled fO ₂ conditions; 2) Measure the bidirectional reflectance properties of synthesized minerals from which optical parameters will be derived k-spectra for radiative transfer and model parameters (e.g., band center, width and strength) for Modified Gaussian Model, which we will refer to generically as optical parameters; and 3) relate optical parameters synthesized mafic silicates as a function of composition. These three steps form the basis of our two independent tasks. Task 1 is to do these three steps with pyroxene, and Task 2 is to do these steps with respect to olivine.	1	109,000
NATIONAL AERONAUT & SPACE ADM	John Carl Hamilton	Physics and Astronomy	BASALT Biologic Analog Science Associated with Lava Terrains PSTAR	The BASALT (Biologic Analog Science Associated with Lava Terrains) program will investigate terrestrial volcanic terrains and their habitability as analog environments for early and present-day Mars. We will conduct our scientific fieldwork under simulated Mars mission constraints to evaluate strategically selected concepts of operations (ConOps) and capabilities with respect to their anticipated value for the joint human and robotic exploration of Mars.	1	42,304

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Kimberly Binsted	Information and Computer Sciences	Using Analog Missions to Develop Effective Team Composition Strategies for Long Duration Space Exploration	Astronaut crews for a multinational mission will probably be selected more for expertise and less for compatibility. Crews will endure many physical challenges and psychological stressors, some largely predictable in type and timing, others unpredictable. Yet they must continue to function together at a high level of objective performance and remain responsive to mission support. Crew cohesion and performance will be more fragile at high stress and fatigue levels so that will be the most important time to evaluate these constructs. So, our objectives are: 1) To develop suitable measures of team composition by developing rubrics for individual characteristics; 2) To develop or find methods of rating a crew's performance; 3) To put these measures together into a model for crew composition vs. performance; 4) Evaluate and refine this model over a series of mission simulations at analog sites.	1	25,000
NATIONAL AERONAUT & SPACE ADM	Luke Flynn	Hawaii Institute of Geophysics and Planetology (HIGP)	Developing a Capability at the University of Hawaii for Multiple UAV Observations of Active Volcanism		1	749,696
NATIONAL AERONAUT & SPACE ADM	Nader Haghighipour	Institute for Astronomy	A Search for New Main-Belt Comets with Recurrent Activity	We propose to use archival data and observation to search for active MBCs.	1	102,000
NATIONAL AERONAUT & SPACE ADM	Paul Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Support to NASA Goddard LRO LOLA Investigation		1	125,000
NATIONAL AERONAUT & SPACE ADM	Peter Gorham	Department of Physics and Astronomy	Ultra-high Energy Particle Astrophysics with ANITA-4	Propose a fourth flight of the Antarctic Impulsive Transient Antenna suborbital long-duration balloon (LDB) payload, with a goal of further extending ANITA's unique sensitivity to cosmic sources of ultra-high energy particles	2	200,000
NATIONAL AERONAUT & SPACE ADM	Peter Mouginis-Mark	Hawaii Institute of Geophysics and Planetology (HIGP)	Geologic Mapping of Hrad Vallis, Mars: Investigating the hypothesized occurrence of recent mud flows on Mars during the Amazonian Era		1	120,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Peter Mouginis-Mark	Hawaii Institute of Geophysics and Planetology (HIGP)	Regional Planetary Image Center	This is a proposal for the support and operation of the Pacific Regional Planetary Image Center.	1	68,200
NATIONAL AERONAUT & SPACE ADM	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	MODVOLC: New Tools for Quantifying Global Volcanic Heat Fluxes and Delivering Data to the Volcanological Community		1	83,557
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	140,292
NATIONAL AERONAUT & SPACE ADM	Sarah Fagents	Hawaii Institute of Geophysics and Planetology (HIGP)	Dispersal of Pyroclastic Materials in the Mars Environment		1	108,511

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Aaron Ohta	Electrical Engineering	Collaborative Research: EARS: Interference Mitigation by Stream Decomposition Enabled by Liquid-metal Adaptive Antennas		1	410,218
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	500,000
NATIONAL SCIENCE FOUNDATION	Andrew Howard	Institute for Astronomy	Collaborative Research: Hunting for Small Planets with the Automated Planet Finder Telescope		1	166,580
NATIONAL SCIENCE FOUNDATION	Anthony Kuh	Electrical Engineering	Sensing, Modeling, and Control of Smart Sustainable Microgrids	This is a research and education project working on smart sustainable microgrids. Project consists of sensing and monitoring, modeling and analysis, and control and optimization. Research will be conducted in the Smart Campus Energy Lab and the UHM microgrid.	1	11,800

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Brian Glazer	Department of Oceanography	Development and deployment of distributed mini-observatory nodes to couple STEM training with coastal biogeochemistry		1	296,983
NATIONAL SCIENCE FOUNDATION	Brian Popp	Department of Geology and Geophysics	Collaborative Research: Direct Oxidation of Organic Nitrogen by Marine Ammonia Oxidizing Organisms		1	232,316
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	381,839
NATIONAL SCIENCE FOUNDATION	Bruce Howe	Department of Ocean and Resources Engineering	ALOHA Cabled Observatory Continuing Operations and Maintenance		1	493,000
NATIONAL SCIENCE FOUNDATION	Catherine K Chan	Natural Resources and Environmental Mgt	Sustainable Management of Agro-ecological Resources for Tribal Societies 2		1	114,715
NATIONAL SCIENCE FOUNDATION	Charlene Baker	Psychology (UH Manoa)	An ecological assessment of New York's Home Buyout Program: Exploring lived experiences and implications for affected households and communities	Home buyout programs offer potential benefits as disaster mitigation policy tools; however, previous studies have suggested that postdisaster relocation may have negative impacts on residents, and significant gaps exist in our understanding of broader impacts of home buyout programs. The proposed project examines the experiences of households and communities in the mid-term relocation and recovery period. The study examines: 1) heterogeneity of buyout decision-making within communities; 2) lived experiences of buyouts and relocation over time; and 3) secondary impacts of buyouts on affected, non-participating households and communities. Over three years, residents of three communities with distinctive buyout experiences will be asked to complete in-depth interviews (designed to gather data on the lived experiences and perceived impacts of the buyout or rebuilding process) and surveys (designed to examine social capital and place attachment comparatively and over time).	1	468,618

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Charles Sasaki	Division II	Collaborative Research: EAGER-Understanding the Confluence-Social Identities and Engineering Education and Practice (consortium with OSU and UTPA)	Research will be conducted to bring to light the sorts of experiences of those from marginalized groups that help or hinder their progression through Engineering or Computer Science degree programs. Consortium project with the University of Texas Pan American (lead institution, prime applicant), and Oregon State University.	1	79,613
NATIONAL SCIENCE FOUNDATION	Craig E Nelson	Department of Oceanography	Collaborative Research: Linking Causes of Variation in the Amphibian Skin Microbiome with Consequences for Disease Risk		1	120,500
NATIONAL SCIENCE FOUNDATION	David Ho	Department of Oceanography	Collaborative Research: US GEOTRACES Arctic Section - Water Mass Composition, Circulation, and Mean Residence Times Derived from Measurements of Natural and Manmade Tracers		1	64,110
NATIONAL SCIENCE FOUNDATION	David Karl	Center for Microbial Oceanography, Research and Edu (C-MORE)	Center for Microbial Oceanography: Research and Education (C-MORE)	Operations at the Center for Microbial Oceanography: Research and Education will be extended for an additional 5-year period (2011-2016). We will conduct research, create and disseminate knowledge, provide unique educational opportunities, conduct research and enhance the diversity of the scientific workforce	1	2,656,000
NATIONAL SCIENCE FOUNDATION	Debra Nakama	Chancellor, UH Maui College	Addressing the Need for Women and Minorities in Cybersecurity: A High School Early Admit Study	CYBERSECURITYCOLLEGEPREP proposes to early admit young women and minorities (e.g., Grades 11 and 12) who attend high schools with limited information technology or computer information computer science curricula and enroll them into an iSTEM cybersecurity career pathway	1	299,873
NATIONAL SCIENCE FOUNDATION	Donald Hall	Institute for Astronomy	Development of the H4RG-15; A Low Cost, High Performance 4096x4096 pixel Array for Infrared Astronomy and the Building Block for Very Large IR Mosaic	To demonstrate full production of a high performance 4Kx4K infrared array, the H4RG-15, with integrated application specific integrated circuit controller at an affordable 2 cents per pixel.	1	276,618

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Donald Price	Natural Sciences Division	Understanding Biotic Response to Environmental Change in Tropical Ecosystems Through a Place-Based Context		1	1,000,000
NATIONAL SCIENCE FOUNDATION	Douglas Luther	Department of Oceanography	Near-Surface Conversions of Semi-Diurnal Internal Tide Beam Energy		1	379,921
NATIONAL SCIENCE FOUNDATION	Evelyn Cox	Chancellor, UH West Oahu	Kikaha STEM Project	To create coursework for an Applied Math degree, add upper division coursework in science and math, increase Native Hawaiian and Pacific Island students STEM self-efficacy and preparation for engagement in upper division STEM coursework, and develop academic support systems and innovative programs that foster Native Hawaiian and Pacific Island student engagement in STEM education and career opportunities.	1	746,278
NATIONAL SCIENCE FOUNDATION	Gordon M Bennett	Plant and Environmental Protection Sciences	Host-mediated regulation of dual obligate intracellular symbionts		1	75,755
NATIONAL SCIENCE FOUNDATION	Gwen Jacobs	Office of the VP for Information Tech/Chief Info Officer	Collaborative Research:SS2-SSI: The Agave Platform: An Open Source Science-As-A-Service Platform for Reproducible Science	This project will further develop the AGAVE Science as a Service Platform to support data intensive research. University of Hawaii will participate as a developer and a user of these software tools.	1	804,045
NATIONAL SCIENCE FOUNDATION	Jelena Maricic	Department of Physics and Astronomy	Collaborative Research: Commissioning and Operation of DarkSide-50 at LNGS	This is proposal to seek funding to participate on the DarkSide experiment in the Gran Sasso laboratory in Italy. Specifically, funds are requested to build a calibration device and deploy it in the detector.	1	32,000
NATIONAL SCIENCE FOUNDATION	Jingjing Li	Mechanical Engineering	Broadening Participation of Native Hawaiians for Engineering Faculty Careers		1	666,720
NATIONAL SCIENCE FOUNDATION	Joji Uchikawa	Department of Oceanography	Assessing the Effects of Carboxylated Amino Acids and Polysaccharides on the Fluid-Calcite Element Partitioning		1	330,826
NATIONAL SCIENCE FOUNDATION	Kenneth Rubin	Department of Geology and Geophysics	Temporal/spatial scales of mantle wedge composition and processes investigated with young boninites and basalts from the unusually active NE Lau Basin		1	275,379

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Magdy F Iskander	Hawaii Center for Advanced Communications	University of Hawaii Partnership with the NSF I/U CRC for Telecommunication Circuits and Systems at Arizona State University	This is a collaborative research effort between the University of Hawaii and four other universities including ASU, UA, RPI, and the Ohio State University. Requested funds will support faculty research and graduate students projects	2	187,400
NATIONAL SCIENCE FOUNDATION	Mark Chun	Institute for Astronomy	Wide-field Ground-Layer Adaptive Optics Demonstrator		1	153,331
NATIONAL SCIENCE FOUNDATION	Matthew Church	Department of Oceanography	The Hawaii Ocean Time-series (HOT): Sustaining Ocean Ecosystem and Climate Observations in the North Pacific Subtropical Gyre		2	2,340,253
NATIONAL SCIENCE FOUNDATION	Michael Liu	Institute for Astronomy	Physical Properties of the Coolest Brown Dwarfs		1	152,677
NATIONAL SCIENCE FOUNDATION	Michael Rappe	Hawaii Institute of Marine Biology (HIMB)	Population genomics and ecotypic divergence in the most dominant lineage of marine bacteria		1	579,193
NATIONAL SCIENCE FOUNDATION	Nodar S Sitchinava	Information and Computer Sciences	XPS: FULL: FP: Collaborative Research: Provably Efficient GPU Algorithms	We propose to develop a theoretical model for GPGPU. The objective is an algorithmic model that is simple enough for high-level algorithm design and is a predictor of performance on modern GPUs. We will empirically verify the model to ensure that efficient algorithms translate into efficient GPU programs. Using the developed model we will analyze the existing algorithms and design new ones, as well as new parallel data structures. Our goal is to design algorithms that are provably efficient in the theoretical model, but also are fast in practice. Therefore, we are planning to implement our algorithms, perform thorough empirical evaluation and contribute them to the existing open-source GPU libraries, such as Thrust and CUDPP, for wider adoption.	1	400,000
NATIONAL SCIENCE FOUNDATION	Paul Wessel	Department of Geology and Geophysics	Collaborative Research: Improving the Generic Mapping Tools for Seismology, Geodesy, Geodynamics and Geology		1	41,571

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Przemyslaw K Dera	Hawaii Institute of Geophysics and Planetology (HIGP)	Earthcube IA: Collaborative Proposal: Architecture for an Integrative alliance of solid Earth Data Communities		1	34,922
NATIONAL SCIENCE FOUNDATION	Ralf Kaiser	Department of Chemistry	An Experimental Investigation of the Synthesis of Complex Organic Molecules in Interstellar Analog Ices	The overarching activity of this project is to explore experimentally in a novel ultra-high vacuum surface scattering machine the formation of six key classes of complex organic molecules (COM) â organic molecules containing atoms of carbon, hydrogen, oxygen, and nitrogen - upon interaction of ionizing radiation in form of Lyman photons with interstellar ice analog samples and to constrain the level of molecular complexity that can ultimately be synthesized in the interstellar medium (ISM).	1	338,979
NATIONAL SCIENCE FOUNDATION	Ralph Freese	Department of Mathematics	Collaborative Research: Algebra and algorithms, structure and complexity theory	This is part of a collaborative proposal with five universities. Mathematical research will be conducted on the Constraint Satisfaction Problem, which is important for computer science.	1	39,486
NATIONAL SCIENCE FOUNDATION	Rudolf Kloosterziel	Department of Oceanography	A new approach to equatorial inertial instability		1	494,608
NATIONAL SCIENCE FOUNDATION	Rui Zhang	Electrical Engineering	NeTS: Medium: Collaborative Research: Secure and Usable Indoor Navigation for Individuals with Visual Impairment		1	62,461

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Tamara Ticktin	Department of Botany	Understanding the links between local ecological knowledge, ecosystem services, and resilience to climate change in Pacific Islands.	Human and natural systems are interlinked in complex ways. Understanding how these social-ecological systems are and can be resilient to climate change poses one of the most pressing problems of our world today. This is especially true for coastal communities in the Pacific Islands, who are extremely vulnerable to the effects of climate change. Many coastal communities in the Pacific Islands, as elsewhere in the developing world, are managed by local ecological knowledge systems (LEK) customary knowledge-practice-belief systems passed down over generations, through adaptive management. The LEK systems developed over millennia by Pacific Islanders have allowed them be resilient to the climate extremes that characterize their islands. These LEK systems continue to be modified under rapidly changing social, economic and ecological contexts. However, the complex patterns and processes involved in coupled human and natural systems such as LEK systems are not well-described or understood. This information is critical for informing solutions for the future resilience and sustainability of these coastal systems. This proposal builds directly on a one year (2012) NSF grant (OISE 1160830) to establish a new a new collaboration with partners at the University of the South Pacific, Fiji. We represent an interdisciplinary, international team who span the natural and social sciences, and terrestrial and marine spheres (terrestrial and marine ecology, ethnobiology, environmental economics, anthropology and climate science). As such we are able to address complex questions in social-ecological systems. We draw on a conceptual framework that involves a novel integration of social-ecological systems and resilience theory, ethnobiology theory, ecosystem services modeling; and propose to use a combination of long-term existing social and ecological datasets, new experiments, and state-of the art climate and ecosystem service modeling to	1	101,444

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				address the following objectives: (1) Model an		
NATIONAL SCIENCE FOUNDATION	Tao Yan	Civil and Environmental Engineering	UNS: Transform Municipal Wastewater Treatment Systems into Community Enteric Disease Information Networks		2	237,595
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	160,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Yuqing Wang	International Pacific Research Center (IPRC)	Toward improved understanding of rapid intensification (RI) of tropical cyclones	<p>The rapid intensification (RI), which involves interactions between the inner core dynamics and the large-scale environment and among different spatial and temporal scales, is still one of the least understood phases of a tropical cyclone (TC). In this proposed research, we will conduct an investigation focusing on the intensification rate of a TC and the triggering mechanisms of the RI phase based on idealized and real-case simulations and diagnostic and budget analyses using cloud-resolving models. Previous studies have already shown that the rapid formation of a warm core in the upper troposphere is the key to the RI onset of a TC. Therefore we will explore processes that lead to the rapid formation of the upper-tropospheric warm core in TCs. We will address the following three scientific questions:</p> <ul style="list-style-type: none"> &#61548; Given favorable tropical ocean conditions, is the intensification rate of a TC externally or internally determined and can an environmental flow or synoptic-scale forcing increase the intensification rate that a TC could have without those forcings? &#61548; How do the three-dimensional (3D) structure (including the size) and intensity of a TC vortex determine the efficiency of the upper-tropospheric warming and thus the intensification rate of the TC itself? &#61548; How are convective bursts and hot towers triggered and how do they lead to the upper tropospheric warming over the storm core prior to and during the RI? <p>To answer these questions, we will use the TC modelTCM4 developed by the PI and the advanced Weather Research and Forecasting (WRF) model developed at NCAR to conduct a series of idealized and real-case simulations and perform diagnostic and budget analyses to verify our hypotheses, identify the physical mechanisms responsible for the RI. We will develop a conceptual model for better understanding the dynamics of the TC RI. We will also define non-dimensional parameters</p>	1	104,075

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

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

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Operational Support of Infrasound and Primary and Auxiliary Seismic Station for the International Monitoring System (IMS)		1	82,000
Board of Curators of the University of Missouri	Robert Jedicke	Institute for Astronomy	Laboratory Demonstration and Test of Solar Thermal Asteroid ISRU		1	15,000
CALIFORNIA DAVIS, UNIVERSITY OF	Qing Xiao Li	Molecular Biosciences and Bioengineering	Rapid Assays to Assess Human Exposure to Pesticides		1	41,351
CALIFORNIA LOS ANGELES, UNIV	Bin Wang	International Pacific Research Center (IPRC)	Towards an Improved Understanding of the Initiation and Propagation of the Madden-Julian Oscillation		1	48,331
CALIFORNIA LOS ANGELES, UNIV	Paul Grandmont Lucey	Hawaii Institute of Geophysics and Planetology (HIGP)	Support to UCLA LRO Diviner Investigation	The principal investigator will provide expertise in lunar science to University of California at Los Angeles in support of their infrared spectrometer on NASA's Lunar Reconnaissance Orbiter mission.	1	21,130
California State University, Fresno	Andre Seale	Hawaii Institute of Marine Biology (HIMB)	Investigations into stress reducing effects of selenium-enriched feed in an important aquaculture species, Tilapia		1	33,000
CHAMINADE UNIVERSITY	Alexander J Stokes	Department of Cell and Molecular Biology	Regulation of cardiac pathologies by the store operated ion channel CRACM1	The development of cardiac hypertrophy represents a principal risk factor for the development of heart failure and subsequent cardiac death. Our preliminary data show that knockout of CRACM1 exacerbates cardiac hypertrophy. The data generated from this proposal will identify CRACM1 as fundamental components of cardiac hypertrophy, and myocardial infarction reperfusion injury.	1	197,250
City University of New York	Marcus Tius	Department of Chemistry	Lithium Carbenoids and Related Species: Structure and Reactions	The proposal is to prepare a series of vinyl lithium carbanions and to examine their spectroscopic properties by low temperature ¹ H, ¹³ C and in some cases ¹⁹ F NMR	1	24,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII PACIFIC UNIVERSITY	Susana Helm	Department of Psychiatry	R01 Hoouana Pono Drug Prevention		1	121,711
INDIANA UNIVERSITY	Jason Leigh	Information and Computer Sciences	Collaborative Research: IRNC: AMI: NetSage - An open, privacy-aware, network measurement, analysis, and visualization service.	Develop network monitoring service for international research networks.	1	200,000
JOHNS HOPKINS UNIVERSITY	Brenda Hernandez	Cancer Etiology	Multicenter Genetic, Epigenetic & Expression Analysis of DCIS Outcome Predictors	The goal of this project is to identify the molecular alterations that occur in the progression from ductal carcinoma in situ (DCIS) to invasive breast cancer.	1	5,000
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	194,104

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MARYLAND, UNIVERSITY OF	Carol Jo Boushey	Cancer Etiology	Domoic Acid Neurotoxicity in Native Americans	Over the past 30 years there has been a dramatic increase in the number of harmful algal blooms (HAB's) in coastal waters throughout the world. As a result, there are more toxic algal species, more algal toxins and more geographic areas impacted than ever before. When these toxic species proliferate, they may cause massive kills of fish and shellfish, wildlife mortality, human illness and death. One of these marine organisms, pseudo-nitzchia produces a neurotoxin, Domoic Acid (DA). Most of what we know about the human health effects of Domoic Acid has been derived from a single documented outbreak in Montreal Canada in 1987. Persons who ate mussels with high levels of DA suffered serious medical illnesses, including seizures and coma, and 3 people died. Survivors were left with a profound memory disorder, Amnesic Shellfish poisoning (ASP). Based upon animal models, regulatory levels of DA in shellfish were established. Within the past 17 years, DA levels have been close to or exceeded these safety levels at razor clam harvesting beaches on Native American Reservations in the Pacific NW. Recent data indicate that this population is currently at risk for significant, but preventable, neurobehavioral impairment (ASP) from razor clam consumption, with memory problems ranging from the low average to amnesic range. There appears to be a dose- response relationship between exposure and memory problems and the base rate of persons meeting the criteria for severe memory impairment, or	1	97,650
MARYLAND, UNIVERSITY OF	Daniel Schar	Hawaii Institute of Marine Biology (HIMB)	Alliance for Coastal Technologies - Pacific Partner		1	180,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MARYLAND, UNIVERSITY OF	Tamara Wong	Department of Botany	HAWAIIAN WATERSHED HYDROLOGIC AND ECOSYSTEM SERVICES RESPONSE TO PREDICTED SHIFTS IN FOREST STRUCTURE IN A CHANGING CLIMATE	Integrating climate change adaptation and supporting resilience are important management strategies for island ecosystems. More research is needed to understand how the hydrology and accompanying ecosystem services of Hawaiian watersheds may respond to shifting forest structure in future climate scenarios as a model and in socio-ecological systems in general. To study these critical socio-environmental systems (SEs) responses, we will combine novel correlative species distribution models (SDMs) with ecosystem service valuation modeling (ES) using a systematic approach to ES flow quantification termed Service Path Attribution Networks (SPANs).	1	91,078

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
MICHIGAN STATE UNIVERSITY	Kevin Bennett	Department of Biology (Biology Program)	MRI contrast agents for in vivo monitoring of stem cell differentiation	Here we propose to design, synthesize, characterize and assay in vivo, 2 novel classes of biopolymer encapsulated metallic nanoparticles which will enable the use of MRI to detect stem cell differentiation, in vivo. The underlying principal of these new particles is their ability to achieve large enhancements in molar relaxivity, r1, r2 and r2*, based upon enzyme-triggered degradation of the biopolymer coat. Briefly, the MRI properties of magnetic particles vary greatly depending on the coating thickness over the magnetic cores and their aggregated state, even though the amount of magnetic material remains constant. Additionally, MRI contrast agents have vastly different properties based on water solubility. Both phenomena will result in large enhancements of relaxivity and hence, of the MRI signal. Computer simulations modeling relaxivity changes as a function of coating thickness will guide the nanoparticle fabrication. The biopolymer coatings will be biocompatible, yet highly resistant to passive degradation in the cells. We will test whether enzyme-mediated removal of the biopolymer coating results in modulation of the MRI properties, in vitro and in vivo following cell transplantation. Indeed, simulations predict a 10-fold increase in r2 and a 4-fold increase in r2* for iron oxide based particles, and a 50-fold increase in r1 for manganese based particles. Given sufficient cell labeling, these relaxivity changes should enable the detection of single stem cell differentiation, in vivo.	1	15,687
Morehouse School of Medicine	Frederick Bellinger	Department of Cell and Molecular Biology	Selenate and Reduction of Alzheimers Disease Pathology		1	40,000
Morehouse School of Medicine	Richard Yanagihara	Department of Pediatrics	RCMI Translational Research Network		1	518,282
Morehouse School of Medicine	Susana Helm	Department of Psychiatry	Puni Ke Ola - Pilot		1	40,000

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NEVADA LAS VEGAS, UNIVERSITY OF	Bruce Shiramizu	Department of Tropical Medicine, Medical Micro and Pharm	Clinical and Translational Research Infrastructure Network IDeA-CTR		1	78,948
NEVADA LAS VEGAS, UNIVERSITY OF	Merle Kataoka-yahiro	Department of Nursing	Institutional Development Award (IDeA) Program Infrastructure for Clinical and Translational Research, University of Hawaii Subcontract with University of Nevada, Las Vegas	Under the overall direction of Dr. Jillian Inouye, the Clinical Research, Education, Mentoring, and Career Development UNLV (CREMCoD) activities will be coordinated through an Education Unit and a Mentoring Unit. Dr. Merle Kataoka-Yahiro will be responsible for co-directing the Educational Unit. In her role as co-director, Dr. Kataoka-Yahiro will manage the individual on-line courses, seminars and workshops for the Education Unit.	1	16,411
NEW HAMPSHIRE, UNIVERSITY OF	Donald Drake	Department of Botany	Seed Dispersal Networks and Novel Ecosystem Functioning in Hawaii	Seed dispersal is a key process in the maintenance and regeneration of tropical forests , and most tropical trees have seeds adapted for dispersal by animals (e.g., birds). Most native birds in Hawaii are rare or extinct, so the only potential seed dispersers are introduced, non-native birds. Using seed traps placed in Oahu forests, seeds that have been dispersed by birds (and seeds that have not) will be collected and tested for: viability, germination, and dormancy characteristics. Seeds will also be placed in the field in various microenvironments to determine their ability to germinate when not dispersed (e.g., under parent trees) or dispersed (e.g., away from parent trees). The results will be used to predict which species of native trees are being dispersed and germinating sufficiently to maintain forest populations and which are not. Likewise, the results will provide similar information about the potential spread of problematic, non-native, invasive plants.	1	38,287

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
NORTHWESTERN UNIVERSITY	Andrew Howard	Institute for Astronomy	The Architectures of Near-Resonant Kepler Planets		1	4,962
Portland State University	Joseph Kaholokula	Department of Native Hawaiian Health	Enhancing Cross Disciplinary Infrastructure and Training at Oregon (EXITO): Administrative Core		1	38,195
Portland State University	Joseph Kaholokula	Department of Native Hawaiian Health	Enhancing Cross Disciplinary Infrastructure and Training at Oregon (EXITO): Research Enrichment Core		1	16,026
Rice University	Richard Zeebe	Department of Oceanography	Continent-island Arc Fluctuations: Linking deep Earth Dynamics to Long-term Climate		1	70,597
ROCHESTER, UNIVERSITY OF	Lee Buenconsejo-Lum	Department of Family Medicine and Community Health	University of Hawaii USAPI Technology-Assisted Behavior Change pilot		1	15,000
SOUTHERN CALIFORNIA, UNIVERSITY OF	Loic Le Marchand	Cancer Etiology	Epidemiologic Investigation of Putative Functional Variation in the Multiethnic Cohort	This study investigates the association of genetic variants likely to have a biological effect, with disease risks (e.g., cancer, obesity, diabetes, serum lipids) among racial minorities. UH investigators will continue to work with Multiethnic Cohort colleagues at USC, and collaborate with other centers as part of the NHGRI PAGE consortium.	1	198,468
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	163,447
TEXAS-SAN ANTONIO, UNIVERSITY OF	Yukiko Yamazaki	Institute for Biogenesis Research	Epimutation in Offspring Produced by Assisted Reproductive Technologies (ART)		1	190,605

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
VANDERBILT UNIVERSITY	Dusko Pavlovic	Information and Computer Sciences	Science of Secure and Resilient Cyber-Physical Systems	<p>The proposed label on the System Science of SecURity and REsilience for cyber-physical systems (SURE) will develop foundations and tools for designing, building, and assuring cyber-physical systems (CPS) that can maintain essential system properties in the presence of adversaries. The technology base of SURE will provide CPS designers and operators with models, methods, and tools that can be integrated with an end-to-end model-based design flow and tool chain.</p> <p>In the UH part of the label, we shall develop and use an actor-network model of heterogenous interactions between computers, humans and their devices. We introduce Procedure Derivation Logic (PDL) as a framework for reasoning about security in actor-networks.</p>	1	65,000
VIRGINIA POLYTECHNIC INST & STATE UNIV	Anne Hope Jahren	Department of Geology and Geophysics	d13c Added Sugar Intake Biomarker: Determining Validity in Children		1	52,304
VIRGINIA POLYTECHNIC INST & STATE UNIV	Anne Hope Jahren	Department of Geology and Geophysics	SIPsmarter: A Nutrition Literacy Approach to Reducing Sugar-Sweetened Beverages	This project seeks to quantify the relationship between blood isotope chemistry in subjects and known consumption levels of sweetened beverages.	1	44,142
Research - Total					357	81,385,388

Non-Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Anna Wieczorek	Tropical Plant and Soil Science	Biotechnology Education in Hawaii: Today's Youth for Tomorrow's Decision Makers		1	44,782
AGRICULTURE, DEPT-FED	Ethel Villalobos	Plant and Environmental Protection Sciences	Outreach with a local flavor: addressing honeybee pest management with Hawaii-based knowledge.		1	95,316

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-FED	Sharon Ziegler	Vice Chancellor for Research	Collaborative Support of the University of Hawaii, Hilo Pacific Internship Programs for Exploring Sciences	The USDA Forest Service IPIF conducts research to provide scientific information to help make informed decisions in natural resource management. PIPES matches undergraduate students with summer research experiences in Hawaii and the greater Pacific region. Both parties will work to assist underserved students to obtain training in biological and ecological training.	1	12,000
AGRICULTURE, DEPT-NATL INS FOOD AND AGRICULTURE	Charles Kinoshita	College of Tropical Agriculture and Human Resources	Agribusiness Education, Training and Incubation Program (AETI)	The University of Hawaii's Agribusiness, Education, Training and Incubation (AETI) Project is intended to: (1) expand local agricultural and food production through more productive agribusiness; and (2) develop the local agricultural and food production workforce through education and training.	1	1,528,801
AGRICULTURE, DEPT, FOREST SVC-FED	Clifford Morden	Department of Botany	Partnership to Facilitate Education/Outreach and Natural Resource Conservation Goals of the Institute of Pacific Islands Forestry (IPIF)/Hawaii Experimental Tropical Forest (HETF)		2	131,145
AGRICULTURE, DEPT, FOREST SVC-FED	Kenneth Kaneshiro	Pacific Biosciences Research Center	Sustain Hawaii Conservation Alliance	Sustain the Hawaii Conservation Alliance by organizing the Hawaii Conservation Conference; organizing workshops utilizing Hawaii's available research resources and publishing results; and developing efficient communication of relevant research findings to the manager's of Hawaii's natural resources.	1	19,000

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-ADMIN FOR COMM LIVING	Christy-ann Nishita	Center on Aging	Hawaii's Alzheimer's Disease Initiative-Specialized Supportive Services Project		1	969,481
HEALTH & HUMAN SVC, DEPT-CTR DIS CTRL-FED	Jean Johnson	Center on Disability Studies/University Affiliated Pgms	Share, Integrate, Link American Samoa (SILAS II)		1	139,333

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-CTR DIS CTRL-FED	Lee E Buenconsejo- Lum	Department of Family Medicine and Community Health	Pacific Regional Central Cancer Registry program	<p>The United States Affiliated Pacific Island Jurisdictions (USAPIJ) consist of the Territory of Guam, the Territory of American Samoa, the Commonwealth of the Northern Marianas Islands (CNMI), The Republic of the Marshall Islands (RMI), the Republic of Palau, and the Federated States of Micronesia (FSM), including the FSM States of Chuuk, Kosrae, Pohnpei and Yap. The USAPI has high cancer mortality rates and limited resources. Individually, these jurisdictions are ineligible to apply for NPCR funding. As a Region, however, the population exceeds 460,000. To maximize scarce resources, leverage support and build capacity in the region, medical and public health leaders in the USAPI have long desired a regional approach to cancer, one which includes development of a regional cancer registry that is maintained in the region. Though each jurisdiction struggles with various aspects of cancer care, they have been variably successful in operating cancer registries under the Pacific Regional Central Cancer Registry (PRCCR) program.</p> <p>This proposal is to continue and expand cancer registration capacity in the USAPI. Existing partnerships with University of Guam (UOG) and both the John A. Burns School of Medicine, Department of Family Medicine and Community Health, (JABSOM-DFMCH) and the University of Hawaii Cancer Center, Hawaii Tumor Registry (UHCC/HTR) of the University of Hawaii (UH) and many other regional partners will continue to implement the Pacific Regional Central Cancer Registry (PRCCR). The Cancer Council of the Pacific Islands will continue to serve as the Advisory Committee/Advisory Board for the PRCCR. Close coordination with the Pacific Islands Health Officers Association (PIHOA) will continue to ensure collaboration across regional NCD programs.</p> <p>Each USAPI country has designated the</p>	1	475,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				University of Hawaii (UH) Department of Family Medicine and Community Health (DFMCH) to be their bona fide agent for this application. The project has several main goals, all d		
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Aida Wen	Department of Geriatric Medicine	Pacific Islands Geriatric Workforce Enhancement Program		1	850,000
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Kelley Withy	Department of Complementary and Alternative Medicine	Hawaii State Loan Repayment Program (HSLRP)	The purpose of the Hawaii State Loan Repayment (HSLRP) is to improve access to health care in underserved communities of Hawaii by increasing the number of primary care providers working in Health Professions Shortage Areas (HPSA). The HSLRP will provide incentive to at least 8 healthcare providers in HPSAs in Hawaii by providing \$40,000 a year in loan repayment for 2 years for 3 students in year 1 and 8 students in year 2.	1	225,000
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Kelley Withy	Department of Complementary and Alternative Medicine	Hawaii/Pacific Basin Area Health Education Center (AHEC)	The purpose of the Hawaii/Pacific Basin (HPB) AHEC is to improve the health of the underserved through collaborative regional training initiatives across Hawaii and U.S. protectorates in the Pacific	1	931,950
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Kelley Withy	Department of Complementary and Alternative Medicine	Health Careers Opportunity Program (HCOP)		1	633,024
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Louise Iwaishi	Department of Pediatrics	Hawaii MCH Leadership Education in Neurodevelopment and Related Disorders	Interdisciplinary leadership training for advanced graduate students in maternal child health.	1	586,670
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Norman Okamura	Social Science Research Institute	Pacific Basin Telehealth Resource Center	Seeks to develop a resource center to assist healthcare organizations, health care networks, and health care providers in implementing cost-effective telehealth programs serving rural and medically underserved areas and populations	1	325,000
HEALTH & HUMAN SVC, DEPT-HRSA-FED	Winona Lee	Native Hawaiian Center of Excellence	Centers of Excellence	Continue the work of the Native Hawaiian Center of Excellence in research training and development, education and cultural competence.	1	700,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-HRSA-FED BUR OF HLTH PROF	Maureen Shannon	Department of Nursing	Advanced Education Nursing Traineeship (AENT) Program	The University of Hawaii at Manoa School of Nursing and Dental Hygiene (UHM) is requesting support for students from underrepresented populations in fiscal years 2012-2014 to increase the number of primary care nurse practitioners (NPs) providing clinical care in the rural communities in Hawaii. The objective of the AENT Project is to graduate 15 primary care NPs committed to working in underserved communities in Hawaii by summer 2014. To accomplish this objective, we will provide AENT funds to a cohort of 15 full-time primary care NP students pursuing a degree as a family or adult/gerontological NP enrolling in fall 2012 and graduating in summer 2014. AENT trainees will be selected from the 33 students who have accepted admission to the fall 2012 class with priority given to applicants from underrepresented groups, residents of rural islands of the State, males, and veterans. A key aim of this project is to reduce the time it takes for a student to progress through the primary care NP program; specifically the family and adult/gerontological NPs. The AENT financial support for primary care NP students is essential and will allow them the financial ability to enroll full time and progress to graduation within 2 years. The expected outcome will be a rapid increase in the number of MS prepared primary care NPs who graduate, and can provide leadership and culturally appropriate primary care services to Hawaii residents.	1	350,000
HEALTH & HUMAN SVC, DEPT-NIH-FED	Diane Taylor	Department of Tropical Medicine, Medical Micro and Pharm	Training of Cameroonian Scientists in Research on Malaria		1	194,018
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL HEART LUNG & BLD INST	Ralph Victor Shohet	Department of Medicine	Training in Cardiovascular Research at the University of Hawaii	This training grant will support predoctoral graduate students and postdoctoral researchers in cardiovascular research at JABSOM.	1	236,717

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-SUB ABUSE/MNTL HLTH SVC-FED	Denise Uehara	Center on Disability Studies/University Affiliated Pgms	Hawaii Paraprofessional Institute Training (PTI)		1	256,271

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT- ECONOMIC DEV ADM-FED	John Morton	Office of the Vice President for Community Colleges	UH-PBCP EDA University Center 2012-2017	The PBCP's scope of work will cover a five-year period, and will cover the three areas of: providing technical assistance, conducting research, and disseminating information about and the results of the PBCP's economic development activities, with the over goal of economic diversification and the creation of higher-paying, higher-skilled jobs in broad cluster industries in the State of Hawaii, and the development of a private sector economy in the AAPI.	1	182,847
COMMERCE, DEPT-NATL NOAA-FED	Andrew Rossiter	Waikiki Aquarium	Carbon Networks		1	37,699
COMMERCE, DEPT-NATL NOAA-FED	Elizabeth Maynard	Sea Grant College Program	Ka Wa Ma Mua, Ka Wa Ma Hope, Using the Past to Inform the Future: English Translation of Hawaiian Language Newspaper Accounts of Fisheries Information		1	30,000
COMMERCE, DEPT-NATL NOAA-FED	Garret T Yoshimi	Office of the VP for Information Tech/Chief Info Officer	N-WAVE Connectivity to the University of Hawaii		1	114,315
COMMERCE, DEPT-NATL NOAA-FED	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	National Weather Service Pacific Region Fellowship Program	This work will be collaborative research with NOAA scientists in one or more of the following thematic areas: ecosystem forecasting, ecosystem monitoring, ecosystem-based management, the protection and restoration of resources, equatorial oceanography, climate research and impacts, tropical meteorology, and tsunamis and other long-period ocean waves. The work will be conducted under JIMAR's cooperative agreement NA11NMF4320128 with NOAA.	1	127,085

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED NATL OCEAN SVC	Malia Rivera	Hawaii Institute of Marine Biology (HIMB)	Student Investigations in Marine Science Phase II: Place-based education in the He'eia ahupua'a providing opportunities to engage students in management oriented scientific research		1	97,917
COMMERCE, DEPT-NATL NOAA-FED NATL OCEAN SVC	Michael Hamnett	Social Science Research Institute	C-STEM-Cultural - Science, Technology, Engineering and Math- Professional Development for the DOE's Kupuna Program	18-mo period of workshop, field trip, and in class mentoring-based training to share new materials and science background for the Department of Education's Hawaiian Studies Kāpuna Program in Waikāpuna area, Title 1 public schools.	1	97,748
COMMERCE, DEPT-NATL NOAA-FED NATL OCEAN SVC	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	Memorandum of Agreement - MOA-2014-054/8951		1	99,737
COMMERCE, DEPT-NATL NOAA-FED NATL WEATHER SVC	Christina Higa	Social Science Research Institute	Pacific International Training Desk (Pacific Desk)	This proposal seeks continued funding and support for the expansion and management of the Pacific Desk that was established by the NOAA/National Weather Service (NWS) at the Weather Forecast Office (WFO) Honolulu at the University of Hawaii.	1	300,000
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Darren Lerner	Sea Grant College Program	Hawaiian Islands Sentinel Site Cooperative Coordinator: A submission to the NOAA Sentinel Sites Cooperative FY2014 Special Projects C		1	40,000
COMMERCE, DEPT-NATL NOAA-FED SEA GRANT COLL PGM	Matthew Gonser	Sea Grant College Program	2015 Conferences and Workshops: Green Infrastructure and Low Impact Development in Hawai'i		1	20,000
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Darren Okimoto	Sea Grant College Program	Sustainable Integrated Aquaponics System Education (SIASE) on Hawai'i Island		1	15,000
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Kelley Lynn Anderson Tagarino	Sea Grant College Program	Building Pacific Islander Capacity in Coastal Fisheries and Sustainable Aquaculture		1	15,000
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Kelley Lynn Anderson Tagarino	Sea Grant College Program	Continuing to Build Pacific Islander Capacity Through Training in Underwater Surveying Techniques		1	15,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	Diversification of Income for Fishing Communities in the Federated States of Micronesia and Republic of the Marshall Islands through Low-input Sustainable Aquaculture of Marine Invertebrates for the M	Provide training and technical assistance in U.S. Affiliate Pacific Islands for fisheries management and aquaculture	1	236,042
COMMERCE, DEPT-NOAA/ NATL MARINE FISHERIES SVC	Megan Donahue	Sea Grant College Program	Ecological Indicators of Coral Reefs Across Multiple Spatial Scales in Hawaii		1	104,883

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NATIONAL SECURITY AGY	Jodi-ann Ito	Office of the VP for Information Tech/Chief Info Officer	Extramural Enhancement of the STEM Workforce Pathway	The project will provide an essential bridge program that is necessary to help maintain student interest in STEM, with particular emphasis on cyber-related areas, from primary school to college.	1	28,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Garret T Yoshimi	Office of the VP for Information Tech/Chief Info Officer	Fiber Connectivity to VLBA on Mauna Kea	Provide fiber connectivity to VLBA facility on Mauna Kea.	1	49,100

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Sun-Ki Chai	Sociology (UH Manoa)	Social Computing, Behavioral-Cultural Modeling, and Prediction 2015 Conference	Social computing is concerned with the study of social behavior and social context based on computational systems. Behavioral-cultural modeling reproduces social behavior, and allows for experimenting, scenario planning, and deep understanding of behavior, patterns, and potential outcomes. Prediction of social phenomena, as well as implications for different policy interventions, is a major, perhaps primary, result of the application of social computing techniques to behavioral-cultural modeling. This led to the annual conference on Social Computing, Behavioral-Cultural Modeling and Prediction (SBP), which focuses on application of social computing to the predictive study of behavioral-cultural phenomena. It is entering its fourth year and has become the largest interdisciplinary conference focusing the computational study of human and social phenomena. It is unique in its ability to bring together scholars from various background: academic disciplines, business, and government.	1	5,000

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-FISH & WILDLIFE SVC	Russell Messing	Kauai County	Logistical Support for Kauai Conservation Partnership Program		1	13,800
INTERIOR, DEPT-NATIONAL PARK SVC	David Duffy	Department of Botany	Support for the Coordinating Group on Alien Pest Species (CGAPS)	Assist the Coordinating Group on Alien Species with collaborative projects to reduce invasive species in Hawaii.	1	5,400

ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Anna Ah Sam	Student Equity Excel & Diversity	University of Hawaii at Manoa GEAR UP Waipahu Partnership Project		1	480,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Brandi Jean Nalani Balutski	Hawai'iinuiakea School of Hawaiian Knowledge	EIA MANOA: PROMOTING NATIVE HAWAIIAN STUDENT SUCCESS BY BUILDING A HAWAIIAN PLACE OF LEARNING	UHMs grant application, Eia Manoa, proposes to increase Native Hawaiian undergraduate educational attainment at the UH Systems largest Native Hawaiian-serving institution by transforming our institution-wide instructional practices, co-curricular services, and student engagement opportunities to be a Hawaiian place of learning through three grant activities: 1) Strengthen UHMs co-curricular services capacity to serve Native Hawaiians 2) Strengthen faculty-student engagement 3) Establish a Native Hawaiian Student Scholars Learning Community	2	1,230,134
EDUCATION, DEPT-FED	Brandi Jean Nalani Balutski	Hawai'iinuiakea School of Hawaiian Knowledge	Renovation proposal to strengthen UHM curricular/co-curricular capacity to foster Native Hawaiian student success in support of building a Hawaiian place of learning (UHM Hawaiiinuiakea Renovation)		1	1,500,000
EDUCATION, DEPT-FED	Brandon Chun	Student Support Services	Kapiolani Community College Student Support Services		1	322,351
EDUCATION, DEPT-FED	Catherine Bio	Chancellor, UH Maui College	Central Maui and Molokai Upward Bound	Central Maui and Molokai Upward Bound at the University of Hawai`i Maui College (UH Maui College) will serve 85 eligible high school students within three target schools: Baldwin High School, Maui High School, and Molokai High School.	1	378,499
EDUCATION, DEPT-FED	Catherine Bio	Chancellor, UH Maui College	Central Maui and Molokai Upward Bound Math and Science	Central Maui and Moloka`i Upward Bound Math and Science (UBMS) at the University of Hawai`i Maui College (UH Maui College) will serve 60 eligible high school students within three target schools: Baldwin, Maui, and Moloka`i High Schools. Maui County is uniquely challenged with serving three Hawaiian Islands: Maui, Moloka`i, and Lana`i. The target area for Central Maui and Moloka`i UBMS consists of central Maui (Kahului, Wailuku, Waihee, Waiehu) and the island of Moloka`i. UH Maui College main campus is situated in the heart of central Maui, the city of Kahului, with a satellite campus located on Moloka`i.	1	250,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Catherine Bio	Chancellor, UH Maui College	Maui County Educational Opportunity Center	Provide college access services-career exploration, college and financial aid information and application assistance to predominantly low-income, first generation Maui County residents.	1	426,991
EDUCATION, DEPT-FED	Catherine Bio	Student Affairs (UH Maui College)	Student Support Services Program	This project is proposing to provide opportunities for academic development, student assistance with basic college requirements, and motivation for students to successfully complete their postsecondary education. The goal of the program is to increase college retention and graduation rates of the participants.	1	246,485
EDUCATION, DEPT-FED	Donald Young	College of Education	Improving Teacher Quality Grants - SAHEs		1	73,154
EDUCATION, DEPT-FED	Hugh Dunn	Curriculum Research and Development Group	Pihana Hou: An RTI Approach Building Early Reading Skills in Schools and Communities		1	532,150
EDUCATION, DEPT-FED	James Mellon	Vice Chancellor for Student Affairs	Navigating the Success of Pacific Islanders	The project aims to facilitate and improve the success of Pacific Islanders through two major activities: 1) Developing and implementing a comprehensive, culturally informed student support program designed to strengthen student learning, engagement, and success, and 2) Conducting and disseminating research into best practices for facilitating their success	1	398,267
EDUCATION, DEPT-FED	Julio Rodriguez	College of Language, Linguistics and Literature	Language Resource Centers grant proposal		1	175,600
EDUCATION, DEPT-FED	Karen Lee	Office of the VP for Academic Planning and Policy	Gaining Early Readiness and Awareness for Undergraduate Programs State Grant (GEAR UP)	The goal of GEAR UP is to encourage and help more low-income students in Hawaii to prepare and enroll in post secondary education.	1	3,085,253
EDUCATION, DEPT-FED	Kay Fukuda	Student Equity Excel & Diversity	KWON PLACES	Project Objectives and Activities: The KWON will improve the academic achievement of at-risk children from Ka Waihona o ka Kaāauao (KWON) using a place-based cultural projects (PBCP) approach to student learning, teacher professional development, and community involvement.	1	620,068

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Kay Fukuda	Student Equity Excel & Diversity	PLACES at NIHS (Place-based Learning and Community Engagement in School at Nanakuli Intermediate and High School)	Project Objectives and Activities: PLACES at NIHS will improve the academic achievement and high school graduation rate of students from NIHS using a place-based cultural projects (PBCP) approach to student learning, teacher professional development, and community involvement. There are five objectives: 1) increase the proportion of students achieving proficiency in reading, math and science; 2) increase the proportion of students engaged in school; 3) create college/career internships in high school; 4) enhance teacher understanding of the pedagogy and curriculum associated with PBCPs; and, 5) nurture community involvement in the school.	1	781,739
EDUCATION, DEPT-FED	Kelly Roberts	Center on Disability Studies/University Affiliated Pgms	Literacy through Digital Media		1	276,527
EDUCATION, DEPT-FED	Kelly Roberts	Center on Disability Studies/University Affiliated Pgms	Neepapa Ka Hana: Transforming STEM Education for Native Hawaiian Students (NKH)		2	439,761
EDUCATION, DEPT-FED	Kelly Roberts	Center on Disability Studies/University Affiliated Pgms	Project Hookui		1	689,647
EDUCATION, DEPT-FED	Kirstin Pauka	Center for Southeast Asian Studies	Foreign Language and Area Studies Fellowships		1	340,500
EDUCATION, DEPT-FED	Kirstin Pauka	Center for Southeast Asian Studies	National Resource Center (NRC) Program - Southeast Asian Studies		1	239,400
EDUCATION, DEPT-FED	Leon Richards	Chancellor, Kapiolani Community College	Phase II Kauhale Ke Kuleana, the Responsibility of the Whole Village	Coupled with the Title III Part F renovations, this project will directly address Native Hawaiian student achievement gaps in course success, persistence, transfer and graduation through one activity, Increasing Native Hawaiian Student Access to Success, employing strategies that will increase the success, persistence and progression, degree completion and transfer rates of Native Hawaiian students.	1	787,737

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Leon Richards	Chancellor, Kapiolani Community College	Strengthening Kapiolani's Campus and Culture for Student Success: Kauhale Ke Kuleana, the Responsibility of the Whole Village		1	1,968,815
EDUCATION, DEPT-FED	Leonard D. Woods	Upward Bound	Upward Bound - Rural - West	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	Leonard D. Woods	Upward Bound	Upward Bound - Urban	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	Leonard D. Woods	Upward Bound	Upward Bound Math and Science Program - Hawaii County	To provide STEM college preparatory services to 50 high school students.	1	250,000
EDUCATION, DEPT-FED	Leonard D. Woods	Vice Chancellor for Student Affairs	Student Support Services Program	Provide assistance to students to ensure success in attaining degrees at institutions of higher education	1	291,974
EDUCATION, DEPT-FED	Maile Suzanne Goo	Student Equity Excel & Diversity	Manoa Educational Talent Search (METS) Program	METS will serve 600 students from Nanakuli Intermediate and High School and Waianae High School to increase their secondary school persistence, secondary school graduation, postsecondary education enrollment, and their postsecondary degree attainment.	1	230,000
EDUCATION, DEPT-FED	Michael Maglaya	Student Equity Excel & Diversity	Pili Pono: Improving College Readiness, Access and Success for At-Risk Native Hawaiian Students (2014-2017)		1	464,412
EDUCATION, DEPT-FED	Neva Kilpatrick	Chancellor, UH West Oahu	Holomua: Gear-Up Partnership		1	362,480
EDUCATION, DEPT-FED	Roy Inouye	Chancellor, Windward Community College	Student Support Services Program	Provide counseling, academic advising, tutoring, supplemental grant aid, study skills workshops, computer lab, cultural activities, and other services to disadvantaged college students (low-income, first generation, and/or disabled individuals as defined by U.S. Department of Education).	1	369,027
EDUCATION, DEPT-FED	Sylvia Alma Carter	Chancellor, Windward Community College	Upward Bound Windward Community College	To identify qualified individuals from disadvantaged backgrounds and encourage them to complete high school, enroll in college, and graduate from college.	1	262,500

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	Weol Soon Kim-Rupnow	Center on Disability Studies/University Affiliated Pgms	New Beginnings for ELL: Innovation through Technology for English Literacy and Academic Success	The purpose of this proposed 5-year project is to develop, provide, and evaluate high-quality professional development (PD) activities that will result in improved academic achievement with enhanced English skills and motivation of English Language Learner (ELL) students.	1	360,959
EDUCATION, DEPT-FED	Willy Kauai	Hawai'inuiakea School of Hawaiian Knowledge	Kekaulike: A Collaborative Partnership between UH Manoa & UH Maui College	This proposal is for a collaborative grant between the University of Hawaii at Manoa (UH Manoa) and the University of Hawaii Maui College (UH Maui). The project aims to strengthen academic and co-curricular support for Native Hawaiian students at both institutions.	1	756,766
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ardis Eschenberg	Chancellor, Windward Community College	Hanaiaulu: Feed and Grow, Nurturing Student Parents and STEM at Windward Community College through Renovation	This projectâs two proposes two activities to address University of Hawaii goals for access, success, STEM, and workforce preparedness: 1. Strengthening STEM student success through facility renovation and curricular improvement. 2. Strengthening student success through the development of a Student Parent Center to holistically serve Student Parent needs.	1	1,999,057
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Ardis Eschenberg	Chancellor, Windward Community College	Kahua Hoonaauao: Foundations of Knowledge Building	This application focuses on 3 activities: Building a foundation of success, as measured by successful course completion, for underprepared students through specific targeted interventions using a coaching paradigm to increase self-efficacy and effective resource utilization. Building a foundation of success, as measured in graduation and transfer rates, for Native Hawaiian students through Hawaiian language based coursework. Building resources, which use technology and flexible scheduling, to increase access and success to post-secondary education for working adults, as measured by enrollment, course success, and graduation rates.	1	798,621

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Benjamin Guerrero	General Education	Dual Enrollment Program, Creating a Successful First Year Experience, NH Leadership Program	The design of the proposal is to assist underprepared and at-risk students in getting them college ready prior to them beginning their first fall semester. To that end the College is proposing to increase college-going through pre-college preparation, create a successful First Year Experience, and establish a Native Hawaiian and Non-NH Faculty & Staff Professional Development Program, and Native Hawaiian Student Leadership Program.	1	800,000
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	915,298
EDUCATION, DEPT-FED OFC OF POSTSEC ED	James Goodman	Chancellor, Leeward Community College	E 'Auamo Kakou: A Shared Commitment to Improving Student Outcomes (Title III Part A FY14-19)		1	743,221
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Judy Oliveira	Chancellor, UH West Oahu	Building & Bridging Hawaiian Futures	Cooperative arrangement development "Building & Bridging Hawaiian Futures" project to partner and articulate with UH Maui College's AA in Hawaiian Studies degree so that students can take upper-division coursework needed to obtain a BA in Hawaiian Studies from UHWO via distant education (polycom interactive video).	1	899,994
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Judy Oliveira	Chancellor, UH West Oahu	UHWO Pueo Scholars: Programming, Services and Support for Student Excellence (Part A: Individual Development)		1	859,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Judy Oliveira	Vice Chancellor for Student Affairs	UH West Oahu PIKO: Po o, Ike, Kino, and Ohana Project		1	2,000,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Katy Ho	Academic Affairs (Honolulu CC)	Ho'ala hou - Renewing a Pathway to Student Success Through Culture-Based Learning	This grant proposes seven activities to increase access, success and completion of Native Hawaiian students. The activities are: 1. Developing and implementing a culturally appropriate outreach and recruitment plan focused on increasing access and enrollment to the college by Native Hawaiians, 2. Creating a team of peer mentors to outreach to the community and establish community based partnerships, 3. Erecting a halau (community gathering space) through traditional community building practices, and 4. Creating a digital cultural and historical bilingual (Hawaiian and English) tour of the campus and native plant species. 5. Creating a culture and place-based training program based on the Hawaiian resource management system of ahupuaaa and Ike Aina, 6. Establishing a cohort of mentors to sustain what is learned through the training program, and 7. Using technology to deliver the training materials for future use.	1	198,860
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Katy Ho	Chancellor, Honolulu Community College	Re-Imagining Native Hawaiian Student Services: A renovation project to bring our Native Hawaiian Center to the heart of campus through collaboration and co-location with student services	Re-Imagining Native Hawaiian Student Services: A renovation project to bring our Native Hawaiian Center to the heart of campus through collaboration and co-location with student services.	1	1,500,000
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Lui Hokoana	Chancellor, UH Maui College	Lawelawe Pookela: Strengthening Institutional Capacity for Student Success	Lavelave Pookela, which means quality service, addresses significant institutional challenges for NH student success. Working together, UHMC and KCC will 1) Support professional development, and faculty/staff fellowships to assist in attaining advanced degrees; and 2) Strengthen funds management and administrative management by creating shared services centers.	1	899,101
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Mark Lane	Chancellor, Leeward Community College	Pa'a Ke Kahua: Strengthening Our Foundation (Title III Part F 2014-19)		1	1,999,605
EDUCATION, DEPT-FED OFC OF POSTSEC ED	Mary McDonald	Center for Japanese Studies	National Resource Center for East Asian Studies at the University of Hawaii		2	566,350

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED OFC OF SPECIAL ED & REHAB SVCS	Amelia Jenkins	College of Education	Project Laulima	Revise and improve existing special/elementary education teacher preparation program by merging standards-based coursework, enhanced clinical experiences, and training in evidence-based practices.	1	299,968
EDUCATION, DEPT-FED OFC OF SPECIAL ED & REHAB SVCS	Jenny Cole Wells	Department of Special Education	Project Ho'olako (Focus Area B)		1	222,486
EDUCATION, DEPT-FED OFC OF SPECIAL ED & REHAB SVCS	Kelly Roberts	Center on Disability Studies/University Affiliated Pgms	Hawaii and Pacific Deaf-Blind Consortium (HPDBC)		1	169,490
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
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Jolene Suda	Chancellor, Honolulu Community College	TRIO-Student Support Services		1	230,289
EDUCATION, DEPT-FED STUDENT SUPP SVCS PGM	Melven Yoshimoto	Undergraduate Education	Student Support Services	University of Hawaii-Manoa Campus hereby applies for a 5 year grant from the US Dept. of Education, Office of TRIO Programs for a Student Support Services Program which will serve low income and first generation college students enrolled at UH-Manoa. The project's activities and services are designed to promote good academic standing, and to increase persistence and graduation rates of eligible students selected to be served.	1	382,529

Federal Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HOMELAND SECURITY, DEPT-FEMA	Karl E Kim	Urban and Regional Planning	National Disaster Preparedness Training Center (NDPTC)	NDPTC's mission is to develop and deliver training and education in the areas of natural disaster preparedness, response, and recovery to state and local government, private, tribal, and non-profit entities, and under-represented/under-served communities. In conducting its mission, NDPTC will incorporate urban planning and	1	5,135,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				environmental management, emphasizing community preparedness and addressing the needs of vulnerable at-risk populations. The developed training will not duplicate existing training that is already provided by Federal, state, local, tribal, or territorial departments and agencies, and these training courses will make use existing standards and mediums for improved adult learning and leveraging technology provide ease accessibility when possible.		
Library of Congress	Brenda Machosky	English (UH WO)	Kumu Waiwai: Teaching from the Source		1	20,000
PEACE CORPS	Atina Pascua	Service Learning	Peace Corps Recruiter 2015-2020		1	20,309
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 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.	1	53,050
Western Sustainable Agriculture Research & Education	Koon-hui Wang	Plant and Environmental Protection Sciences	Sustainable Pest Management Approaches for High Tunnel Screenhouse Production in the Tropics		1	29,862

Foreign

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ACADEMY KOREAN STUDIES	Sang-Hyop Lee	Center for Korean Studies	Core University Program for Korean Studies	CKS at UH is already a world leader in Korean studies, and we will upgrade Korean studies activities at CKS, expanding its role in the University and in the international community by enhanced international collaborative research.	1	162,860
Hitachi, Ltd. Infrastructure Systems Co	Leon Roose	Hawaii Natural Energy Institute (HNEI)	Hitachi JUMPSmart Maui and Great Maui Project		1	43,000
KOREA FOUNDATION	Seri Luangphinith	Humanities Division	Korean Language Certificate	The purpose of this grant is to apply for Korea Foundation support for the instruction of first-year Korean Language classes that will enable us to start developing upper-level curriculum as part of our proposed Korean Studies Certificate (to be implemented upon submission and approval in Curriculum Central)	1	11,432
KOREA INSTITUTE OF OCEAN SCIENCE & TECHNOLOGY	Aviam Soifer	William S. Richardson School of Law	2013 Jon Van Dyke Symposium		1	49,725
REPUBLIC PALAU	Neal Palafox	Department of Family Medicine and Community Health	Pacific Regional Comprehensive Cancer Control program (Palau MOH subcontract)	The Regional CCC Program leverages resources and work collaboratively with others to build capacity within the USAPI Health Departments/Ministries and community sector to implement the Pacific Regional CCC plan. The Regional Plan includes goals and objectives addressing the cancer control spectrum from prevention to treatment and palliation.	1	20,000
Tongji University	Alexander Shor	School of Ocean and Earth Science and Technology	Advance Funding for Pisces Submersible Program on the South China Margin in 2016		1	200,000
Umea University	Erica Goetze	Department of Oceanography	How will copepod naupliar feeding habits influence food web dynamics as ocean temperatures rise?		1	24,000

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AHA PUNANA LEO INC	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elilikani-UHH	Na Meheu o Na Kupuna Project	Provide the Researcher and Early Childhood Trainer to the Mehea o na Kupuna Project.	1	26,523

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALU LIKE INC	Brenda Ivelisse	Student Support Services	Kapi'olani Community College, Kulia ma Kapi'olani Project		1	273,683
ALU LIKE INC	Ronny Umehira	Chancellor, Leeward Community College	LEEWARD COMMUNITY COLLEGE, HO'OULU PROJECT (to Inspire, to Grow)	<p>Lawe i ka ma'alea a kû'ono'ono Take wisdom and make it deep. 'Ōlelo No'eau, Pūku'i)</p> <p>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 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.</p> <p>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.</p>	1	303,426

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DAMIEN MEMORIAL SCHOOL	Iris Kimura	Department of Kinesiology and Rehabilitation Science	University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program	Advanced education and research internship experience: A Board of Certification Athletic Trainer will participate in clinical & research experiences in order to enhance the education & research application of athletic training/sports medicine practice.	1	142,316
EAST WEST CENTER	Aviam Soifer	William S. Richardson School of Law	Asian International Justice Initiative	Provides overall intellectual leadership of the Asian International Justice Initiative program.	1	202,584
KAMEHAMEHA SCHOOLS	April Housman	Hale Kuamo'o Center	Develop Informational Text Resources for K-3 Hawaiian Immersion Classrooms	Develop Informational Text Resources for K to 3 Hawaiian Immersion Classrooms. a. Documentation that articulates and clarifies considerations made for determining text complexity, or leveling, in olelo Hawaii including a review of any existing literature. b. Prototype of one complete text set for grade 2 based on the thematic concept of Kaianoho (Habitats) including Teacher Text and Leveled Text. c. Materials will meet standards for quality collaboratively developed and understood between all partnering schools or organizations.	2	150,000
KAMEHAMEHA SCHOOLS	Donald Young	Department of Curriculum Studies	Kamehameha Schools/HWP Invitational Summer Institute		1	30,003
KAMEHAMEHA SCHOOLS	Keiki Kawaiiaea	Ka Haka'Ula O Ke'Elikolani-UHH	Kahuawaiola FY2015-2016	Collaboration with Kahuawaiola Indigenous Teacher Education Program that will enhance and expand educational opportunities for Native Hawaiians in strong alignment with the KS Strategic Vision 2040 and Strategic Plan 2020.	1	215,198
LE JARDIN ACADEMY	Iris Kimura	Department of Kinesiology and Rehabilitation Science	University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program - Le Jardin Academy	Advanced education & research internship experience: A Board of Certification Athletic Trainer will participate in clinical experiences in order to enhance the educational and research application of athletic training/sports medicine practices.	1	51,810
PACIFIC RADIATION ONCOLOGY INC	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-PRO-SURG		1	16,594

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Donald B Young	Curriculum Research and Development Group	Provision of Common Core Standards (CCSS) Aligned Math Course Materials and Professional Development	Develop high school course materials in Algebra aligned with Common core State Standards: field test draft materials; provide professional development to HIDOE mathematics teachers implementing developed course materials.	1	75,000
EDUCATION, DEPT-HI	Leonard Woods	Vice Chancellor for Student Affairs	Summer Food Service Program - Upward Bound - UH Hilo	Summer Upward Bound Meals Reimbursement	1	25,643
EDUCATION, DEPT-HI	Lois Yamauchi	Department of Educational Psychology	CREDE Professional Development at Blanche Pope Elementary School		1	29,526
Hawaii State Public Charter School Commission	Karen Lee	Hawai'i P-20 Partnerships for Education Office	Preschool Development Grant		1	2,271,048

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Charles Nagamine	Plant and Environmental Protection Sciences	Hawaii Pesticide Applicator Certification Training and Education 2015-2016		1	48,899
AGRICULTURE, DEPT-HI	Halina Zaleski	Human Nutrition, Food and Animal Sciences	Agricultural Education Activities		1	14,300
County Hawaii Dept of Research and Development	Kiersten Sachie Akahoshi	Hawaii County	Hawaii Island Cacao Conference		1	9,812
COUNTY MAUI OFC OF ECON DEVEL	Robert Howerton	Sea Grant College Program	Maui County Aquaculture Extension Program		1	40,000
HAWAIIAN AFFAIRS, OFFICE OF	Dana Kapuaala Sproat	William S. Richardson School of Law	A'o Aku A'o Mai	This program will address Office of Hawaiian Affairs (OHA) strategic priority of Aina.	1	150,000
HAWAIIAN HOME LANDS, DEPT-HI	James Leary	Natural Resources and Environmental Mgt	dhdl gorse control project		1	2,875

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

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	Technical Assistance Service to Local Police Departments Enforcing the Prohibition of Tobacco Sales to Minors	This project conducts random compliance checks across the state to determine the rate of tobacco sales to underage youth in retail outlets and establishments with support from police departments.	1	142,000
HEALTH, DEPT-CHILD/ ADOLESC MENTAL HLTH DIV-HI	Charles Mueller	Psychology (UH Manoa)	Research, Evaluation and Training Program	Psychology Department and Department of Health Child and Adolescent Mental Health Division (DOH-CAMHD) collaborate to provide research and evaluation services for CAMHD and provide research and evaluation training for graduate psychology student	1	29,091
HEALTH, DEPT-CHILD/ ADOLESC MENTAL HLTH DIV-HI	Paula Morelli	School of Social Work	'Ohana Ho'oikaika	The Hi`ilei and Ohana Hooikaika Projects integrate the CASSP principles, CAMHD clinical standards, and Evidence-Based Services into the clinical practice of both students and CAMHD staff to ensure quality care for children and families. This proposal retains parts of both contracts into a single proposal designed to meet part of each projects scope of services. Project Kealahou (SAMHSA) in incorporated starting 07/01/13	1	127,072
HEALTH, DEPT-FAMILY HLTH SVC DIV-HI	Deborah Mattheus	Department of Nursing	Oral Health Initiative for the Kona WIC Site		1	30,000
HEALTH, DEPT-HI	Jeanelle June Sugimoto-matsuda	Department of Psychiatry	DOP/IPCS Contract for Training Coordination		1	49,400
HEALTH, DEPT-HI	Jeffrey Zuckernick	Emergency Medical Services	Emergency Medical Services Education and Training Through Training Centers on the Islands of Maui, Kauai, and Hawaii		1	149,480
HEALTH, DEPT-HI DISABILITY & COMM ACCESS BD	Satoru Izutsu	John A. Burns School of Medicine	State Licensure of American Sign Language (ASL) Interpreters		1	2,500
HEALTH, DEPT-HI STD/AIDS PREVENTION BRANCH	Catherine McLean Pirkle	Office of Public Health Studies	HIV database update and cleaning	Project scope: Update and clean HIV/AIDS database and provide information on the care continuum for the Department of Health	1	24,998
Health, Dept-Office of Planning, Policy, and Program Dev-HI	Jane Onoye	Department of Psychiatry	SBIRT Training Curriculum		1	16,789

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-TOBACCO SETTLEMENT-HI	Rebekah Rodericks	Office of Public Health Studies	Hawaii Health Data Warehouse Project		1	831,189
HEALTH, DEPT-TOBACCO SETTLEMENT-HI	Susan M Saka	Curriculum Research and Development Group	Hawaii School Health Surveys		1	190,000
HUMAN SERVICES, DEPT-HI	Ardis Eschenberg	Chancellor, Windward Community College	Learning to Grow	Provides early childhood education materials and information to home-based childcare providers.	1	673,189
HUMAN SERVICES, DEPT-HI	Lee Stein	Human Services (UH Maui College)	Hawaii Child Welfare Continuous Quality Improvement Project	UHMC will assist the Hawaii DHS with enhancing the skills of casework staff and the development and implementation of a comprehensive QA system for Child Welfare Services Branch.	1	1,860,888
HUMAN SERVICES, DEPT-HI	Lui Hokoana	Chancellor, UH Maui College	Ongoing maintenance and support for SHAKA and ShakaTown online web portals	This project by the UH Maui College Software Development Center allows for the continuation of services and operations of the SHAKA and ShakaTown web portals for the Hawaii Department of Human Services Child Welfare Branch. The SDC will also continue to provide development and maintenance services as well as technical support to youth, providers, and DHS workers and staff who use the SHAKA and ShakaTown modules. The systems allow youth, service providers, and DHS case managers to connect and deliver services and information to improve the youth's potential for success on exit from foster care and beyond.	1	75,315
HUMAN SERVICES, DEPT-HI	Marianne Berry	Center on the Family	Learning to Grow Project, 2014-15		1	14,473
HUMAN SERVICES, DEPT-HI	Naomi Kanehiro	Oahu County	Nutrition Consultation & Review	The goal of this project is to promote and support quality nutrition services provided by licensed child care providers and thereby contribute to the health and safety of the children enrolled.	1	100,000
HUMAN SERVICES, DEPT-HI	Rebecca Rude Ozaki	Center on Disability Studies/University Affiliated Pgms	Community Planning to Implement the Going Home Plus Grant	None Required	1	1,305,900

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HUMAN SERVICES, DEPT-HI Benefits, Employment & Support Services	Louise Iwaishi	Department of Pediatrics	Healthy Child Care Hawaii FY16		1	107,957
HUMAN SERVICES, DEPT-OYS-HI	Karen Umemoto	Urban and Regional Planning	Civil Citation Evaluation	This project is being conducted for the Juvenile Justice State Advisory Council (JJSAC) to facilitate the design and implementation of the Civil Citation Initiative among key partners in Hawaii to reduce disproportionate minority contact.	1	85,000
JUDICIARY-HI	David Leake	Center on Disability Studies/University Affiliated Pgms	Memorandum of Agreement between The Judiciary, State of Hawaii, and UH on behalf of CDS		1	15,000
JUDICIARY-HI	Faye Kimura	William S. Richardson School of Law	MOA UH Law School and the State Judiciary		1	35,000
JUDICIARY-HI	James H. Pietsch	William S. Richardson School of Law	Indigent Legal Assistance Fund (ILAF) - Legal Services for the Elderly	Provide legal services to socially and economically needy persons 60 years and older.	1	36,634
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Denise Antolini	William S. Richardson School of Law	Continuation of DLNR Marine Law Fellowship		2	115,397
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Day Use Mooring Buoy-Phase III	This project will continue the momentum initiated in Phase I & II by providing DLNR with research support on roles and responsibilities for each component of the DMB program, site selection and use criteria, assessment of agency authority to remove illegal moorings, budgets and funding mechanisms and a plan to institutionalize it within DLNR.	1	73,040
LAND & NATURAL RES, DPT-AQUAT (DLNR)	Michael Hamnett	Social Science Research Institute	Sanctuary Support and Outreach	The Sanctuary Programs project will provide invaluable coordination, facilitation, technical, and logistical expertise that will support and improve upon DLNR, DAR and the Sanctuary's ability to meet management goals.	1	50,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Native Ecosystem Protection and Management Section Liaison	Increase interaction and dialogue between various conservation programs, including watershed partnerships, Natural Area Reserves system and the Rare Plant Program.	1	50,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Support for Invasive Species Planning and Compliance Projects Relating to Small Mammals	Coordinate and provide expertise on projects addressing the control and/or eradication of rodents and mongoose within the State of Hawaii.	1	80,000
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Oahu Wildlife Habitat Restoration and Management		1	85,000
PUBLIC SAFETY, DEPT-HI	Alexander Wylie	Social Science Research Institute	Research and Evaluation in Public Safety		1	586,293

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KAPIOLANI MED CTR FOR WOMEN & CHILDREN	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-KMCWC-SURG		1	49,079
QUEEN EMMA CLINICS	Kenneth Nakamura	Department of Pediatrics	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-QEC-PEDS		1	185,528
QUEEN EMMA CLINICS	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-QEC-SURG		1	375,397
QUEEN'S HOSPITAL MEDICAL CENTER	Elizabeth Tam	Department of Medicine	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-QELC-MED		1	649,530
QUEEN'S HOSPITAL MEDICAL CENTER	Elizabeth Tam	Department of Medicine	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-QMC-MED		1	79,880
QUEEN'S HOSPITAL MEDICAL CENTER	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-QMC-SURG		1	319,147
QUEEN'S HOSPITAL MEDICAL CENTER	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-QMC-SURG-ORTHO		1	338,739

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
STRAUB CLINIC & HOSPITAL	Iris Kimura	Department of Kinesiology and Rehabilitation Science	University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program - Straub Clinic & Hospital	Advanced education & research internship experience: A Board of Certification Athletic Trainer will participate in clinical experiences in order to enhance the educational and research application of athletic training/sports medicine practices.	1	61,813
STRAUB CLINIC & HOSPITAL	Susan Steinemann	Department of Surgery	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-STRAUB-SURG		1	36,764
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Anthony Guerrero	Department of Psychiatry	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-UCERA-PSYCH		1	3,165,339
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Elizabeth Tam	Department of Medicine	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-UCERA-MED		1	134,172
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Ivica Zalud	Department of Obstetrics, Gynecology and Women's Health	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-UCERA-OBGYN		1	4,366,738
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Kamal Masaki	Department of Geriatric Medicine	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-UCERA-GERI		1	1,194,077
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Kenneth Nakamura	Department of Pediatrics	REIMBURSEMENT AGREEMENT FISCAL YEAR 2016 - AGREEMENT NO. SF16-UCERA-PEDS		1	16,737

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CONSUELO ZOBEL ALGER FOUNDATION	Paula Morelli	School of Social Work	Community-Based Child Sexual Abuse Prevention on Molokai	Developing a sustainable Community-based, CSA Prevention program on Molokai, Hawaii.	1	77,524
GENERAL CONTRACTORS ASSOC HI EDUCATIONAL FOUNDATION	Daniel S Friedman	School of Architecture	Construction Management Program		1	139,696
Hanalani Schools	Iris Kimura	Department of Kinesiology and Rehabilitation Science	University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program - Hanalani Schools		1	54,858

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Karen Lee	Hawai'i P-20 Partnerships for Education Office	Hawaii Community Foundation's Connecting for Success Initiative		1	106,418
PAC5	Iris Fumiko Kimura	Department of Kinesiology and Rehabilitation Science	University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program--PAC5		1	155,434
PACIFIC AMERICAN FOUNDATION	Mark Heckman	Hawaii Institute of Marine Biology (HIMB)	"Kulia Natural Resource Stewardship Program" for Native Hawaiian Middle and High School Students of Windward O'ahu		1	71,344
Sacred Hearts Academy	Iris Kimura	Department of Kinesiology and Rehabilitation Science	University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program - Sacred Heart Academy		1	26,378
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford Morden	Department of Botany	Natural Resources Management in Kapunakea Preserve, West Maui FY2016	Conduct research and monitoring of rare native plants and conduct management and control of invasive species within Kapunakea Preserve, West Maui.	1	118,245
UNIVERSITY HAWAII FOUNDATION	Arnold Hara	Plant and Environmental Protection Sciences	Hau`oli Mau Loa CGAPS CTAHR Research Assistantship 2014-2016		1	11,000
UNIVERSITY HAWAII FOUNDATION	Catherine Chan-Halbrendt	Natural Resources and Environmental Mgt	Hauoli Mau Loa Graduate Assistantships	Hauoli Mau Loa GA To provide 3 graduate assistantships to students pursuing masters degree at UHM/CTAHR/NREM.	1	26,200
UNIVERSITY HAWAII FOUNDATION	Cecilia Shikuma	Department of Medicine	NeuroAIDS Professorship		1	75,000
UNIVERSITY HAWAII FOUNDATION	Christopher Stickley	Department of Kinesiology and Rehabilitation Science	Mid-Flexion Instability in Total Knee Arthroplasty Patients		1	39,485
UNIVERSITY HAWAII FOUNDATION	David Hanlon	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	To partially support the salary and fringe benefits for the Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History.	1	52,445
UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Conservation International DOCARE Legal Fellow		1	5,400

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	HKL Castle DOCARE Resources Enforcement Legal Fellow 2013		1	140
UNIVERSITY HAWAII FOUNDATION	Donald Price	Biology (UH Hilo)	Hau'oli Mau Loa Foundation Graduate Fellowship Opportunity Tropical Conservation Biology and Environmental Science		1	74,680
UNIVERSITY HAWAII FOUNDATION	Donald Straney	Chancellor, UH Hilo	Hokupaa	To support efforts in West Hawaii Island that increase youth and young adult education, environment, data collection, community engagement, and other general resources.	1	47,500
UNIVERSITY HAWAII FOUNDATION	Erika Lacro	Chancellor, Honolulu Community College	Fujino Matsuda Technology and Educational Center Grant Number 120-9201-4	Provide back-end support and guidance to Honolulu CC's social networking site, HCCConnect. Develop and deliver training modules, presentation material, and participant workbooks for faculty, staff and students. Provide in person support to faculty and staff during the setup and integration of HCCConnect. Investigate and build a project timeline for the migration of HCCConnect from the Ning 2.0 to Ning 3.0 platform. Provide analysis of the usage among HCCConnect users.	1	82,000
UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Confucius Institute Support	Provides salaries and fringe benefits for Confucius Institute support personnel, and miscellaneous office expenses and express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with Confucius Institute programs and activities.	1	17,400
UNIVERSITY HAWAII FOUNDATION	Gertraud Maskarinec	Cancer Etiology	Cancer Research Center of Hawaii Traineeship	Support of CRCH activity: 2008 Meiji Yasuda summer research fellowships.	1	13,158
UNIVERSITY HAWAII FOUNDATION	Helen Cox	Chancellor, Kauai Community College	Kaua`i Community College Aquaponics and Apiary programs	Funds for staffs salaries and fringe benefits	1	27,085

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Joanne Itano	Office of the VP for Academic Planning and Policy	State Systems Co-Creation Transformation Initiative	The Bill & Melinda Gates Foundation has awarded the UH Foundation funds to support the UH System's efforts to improve college access and degree completion for underserved populations within the state. With support from the grant, UH will create innovative tools that provide real-time information on student progress to students, administrators and academic advisors.	1	3,689
UNIVERSITY HAWAII FOUNDATION	Joanne Taira	Office of the VP for Academic Planning and Policy	President's Emerging Leaders Program	To pay for program costs related to the President's Emerging Leaders Program (second year) for the period of July 1, 2008 through June 30, 2009.	1	17,500
UNIVERSITY HAWAII FOUNDATION	Kenneth Chambers	Institute for Astronomy	Pan-STARRS Project		1	10,600
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	Funding for lecturer salaries and fringe to teach Hawaiian Music.	1	13,179
UNIVERSITY HAWAII FOUNDATION	Leon Richards	Office of International Affairs	International Language Study and Service Learning in Asia (New Acct)		1	61,387
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Astronomy Center Membership		1	124,000
UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Mobile Science Laboratory		1	202,943
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	32,450
UNIVERSITY HAWAII FOUNDATION	Louise Pagotto	Arts and Sciences Academic Program	Research for OLONA Project	The continuation of the botany and chemistry research for students, learning engagement, advance testing and supplies. Provide payments to KCC lecturers Mike Ross MS, Dr. Kathleen Ogata and Community Mentor Dr. Chaz Barit.	1	2,047
UNIVERSITY HAWAII FOUNDATION	Malia Rivera	Hawaii Institute of Marine Biology (HIMB)	HIMB Research Experiences in Marine Sciences		1	15,475
UNIVERSITY HAWAII FOUNDATION	Nellie C Sugii	Lyon Arboretum	Conservation Lab Development	Initial setup for Conservation Lab Development project.	1	801,109

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Peter Crouch	College of Engineering	Centennial Homecoming Event		1	5,000
UNIVERSITY HAWAII FOUNDATION	Richard Frank Stewart	Department of English	Manoa Journal	Funds for staff salary and fringe benefits.	1	3,000
UNIVERSITY HAWAII FOUNDATION	Stephen Meder	Facilities Management	Clarence T.C. Ching Athletic complex (UHM 09-302)	Plans, design, and construction of new Clarence T.C. Ching Athletic Complex.	1	1,431,514
UNIVERSITY HAWAII FOUNDATION	Susan Saka	Curriculum Research and Development Group	COE/CRDG Hawaiian Library		1	2,517
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	31,882
UNIVERSITY HAWAII FOUNDATION	Yung-Hee Kim	Department of East Asian Languages and Literature	Gendered Landscapes: Short Fiction by Modern and Contemporary Korean Women Writers	Pay for editorial assistant student salary.	1	1,000

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
SPACE TELESCOPE SCIENCE INSTITUTE	Fabio Bresolin	Institute for Astronomy	Hubble Postdoctoral Fellowship - Tucker Jones: Understanding the Details of Galaxy Evolution		1	128,207

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
American Association of Immunologists, Inc.	Saguna Verma	Department of Tropical Medicine, Medical Micro and	Immune Modulation of Flaviviruses by NLR Family Member Protein NLRC5		1	44,556

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		Pharm				
American Bar Association	Aviam Soifer	William S. Richardson School of Law	ABA - Hawaii Legal Incubator Program	The Hawaii Legal Incubator Program is a partnership with legal service providers to support recent law graduates in developing sustainable community-oriented small law practices targeting low and moderate income Hawaii families.	1	22,000
INSTITUTE INTERNATIONAL EDUCATION	Ho-Min Sohn	Department of East Asian Languages and Literature	University of Hawaii at Manoa Korean Language Flagship Center	Continue the project with the fourth and fifth cohort of students. Provide intensive training in advanced and specific-purpose Korean, through coursework and tutoring, to undergraduate students.	1	755,869
INSTITUTE INTERNATIONAL EDUCATION	Julio Rodriguez	Center for Language and Technology	LANGUAGE FLAGSHIP TECHNOLOGY INNOVATION CENTER	The proposed center will support Language Flagship models of language learning through relevant technologies in order to produce college graduates with professional-level proficiency. The Center will expand existing LF programs capacity to infuse and support technology use that is likely to result in significant language proficiency gains.	1	624,994
INSTITUTE INTERNATIONAL EDUCATION	Madeline Kay Spring	Department of East Asian Languages and Literature	Chinese Undergraduate Flagship Program		1	338,102
NATIONAL ACADEMIES	Julienne Maeda	Graduate Education	2015 Ford Fellowship Cost of Education	Ford Fellowship - Info	1	6,000
San Jose State University Research Foundation	Alexander Shor	School of Ocean and Earth Science and Technology	Marine Optical Buoy (MOBY) Mooring Site Support - September 2015		1	93,900

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Simons Foundation	Efren Ruiz	Mathematics (UH Hilo)	Classification of C*-algebras and applications	<p>The proposal looks to study the relationships between directed graphs, graph C*-algebras, and Leavitt path algebras. These objects are from three distinct areas in Mathematics (graph theory, operator theory, and algebraic theory). The intent of the proposal is to use techniques from one theory to answer questions in the other theories. The goals of the proposal are (1) determine when two graph C*-algebras are isomorphic; (2) determine when two Leavitt path algebras are isomorphic; (3) determine when isomorphic graph C*-algebras implies isomorphic Leavitt path algebras, and the converse; and (4) determine the graph operations involved that produces isomorphic graph C*-algebras or isomorphic Leavitt path algebras.</p> <p>The proposal will involve many collaborators from several institutions, including international universities. The PI will be in collaboration with Dr. Soren Eilers from the University of Copenhagen and his graduate students Ms. Sara Arklint and Mr. Adam Sorensen, Dr. Gunnar Restorff from the University of Faroe Islands, and Dr. Mark Tomforde from the University of Houston.</p> <p>The grant is for 5 years. \$5000 per year for travel expenses, \$1000 per year in discretionary funds for the department to enhance the research atmosphere within the department, and \$1000 per year in indirect costs to the institution.</p>	1	7,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Nader Haghighipour	Institute for Astronomy	Astrobiology and Habitability in Extreme Planetary Systems - Topical Sessions at Extreme Solar System III Conference		1	19,500

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Nikolai Maximenko	International Pacific Research Center (IPRC)	A Workshop on Mission Concepts for Marine Debris Sensing		1	32,340
NATIONAL AERONAUT & SPACE ADM	Scott Rowland	Department of Geology and Geophysics	The 12th NASA Planetary Volcanology Field Workshop		1	90,069
NATIONAL AERONAUT & SPACE ADM	Shadia Habbal	Institute for Astronomy	Planning Workshop III for Observations and Outreach Activities during the Total Solar Eclipse of 21 August 2017		1	15,000
NATIONAL AERONAUT & SPACE ADM	Veronica Bindi	Department of Physics and Astronomy	Multi-Spacecraft Studies of the Highest Energy SEPs with AMS-02	The objective of this proposal is to perform in-depth analyses of the most energetic solar energetic particle (SEP) events generated by the sun during Solar Cycle 24 using data from the Alpha Magnetic Spectrometer (AMS-02) and NASA and NOAA spacecraft.	1	30,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	David Lassner	Office of the VP for Information Tech/Chief Info Officer	IRNC Backbone: SXTransPORT Pacific Islands Research & Education Network	Support high performance network connectivity required by international science and engineering research and education collaborations	1	2,267,297
NATIONAL SCIENCE FOUNDATION	Debra Nakama	Academic Affairs (UH Maui College)	Akeakamai I Ka La Hiki Ola: Scientific Exploration Beneath The Life-Bringing Sun (NSF ATST Mitigation Plan)	UHMC and its collaborators are committed to uncovering the paths to elevate Native Hawaiians to STEM careers and leadership roles through opportunities provided by the ATST.	1	2,000,000
NATIONAL SCIENCE FOUNDATION	Edward F DeLong	Center for Microbial Oceanography, Research and Edu (C-MORE)	EarthCube RCN: An EarthCube Oceanography and Geobiology Environmental Omics Research Coordination Network (ECOGEO RCN)		1	59,995
NATIONAL SCIENCE FOUNDATION	Jason Leigh	Information and Computer Sciences	MRI: Development of the CyberCANOE- a Cyber-enabled Collaboration Analysis Navigation and Observation Environment	To develop a visualization instrument	1	600,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Kristin Kumashiro	Department of Chemistry	MRI: Acquisition of a High-Resolution Mass Spectrometer	This proposal requests funds to acquire a new instrument for ultra-high-performance liquid chromatography (UHPLC) and high-resolution mass spectrometry (MS). The selected configuration from Agilent Technologies will be a dedicated instrument for high-resolution mass determination with the ability to resolve & characterize the components of complex mixtures. Presently, there is no operational high-resolution mass spectrometer at the institution that can accommodate the user group, in terms of numbers of samples that need to be run, with the on-site accessibility that is necessary for many of the compounds of interest. In addition to the typical needs of a large chemical synthesis cluster, the growth of the Chemistry Dept.'s research programs now encompasses an increasing number of projects with a biochemical focus, such that it now becomes imperative to have MS that is amenable to the complexities of large-scale screening of natural products & protein biochemistry.	1	394,100
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	1,120,000
NATIONAL SCIENCE FOUNDATION	Leon Richards	Chancellor, Kapiolani Community College	TCUP Ecological Ahupuaa Monitoring in Urban Polynesia (TEAM-UP)	To establish a Native Hawaiian student support system modeled after an ahupuaa to increase the number of Native Hawaiian graduates in Life Sciences, ASNS degrees, and to prepare students for transfer to the University of Hawaii at Manoa or Hilo.	1	299,979
NATIONAL SCIENCE FOUNDATION	Louise Pagotto	Chancellor, Kapiolani Community College	Hawaii's Pre-Engineering Education Collaboration (PEEC)	Kapiolani CC is proposing development of a "Pre-engineering Education Collaborative" that will support 125 Native Hawaiian students completing baccalaureates at UHM College of Engineering.	1	149,680
NATIONAL SCIENCE FOUNDATION	Matthew Platz	Vice Chancellor for Research	Graduate Research Fellowship Program	Support for a graduate student at UH Hilo in their research endeavors	1	27,000

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Michael Pecsok	Chancellor, Leeward Community College	Kilo Aina: Science of Place	University of Hawaii, Leeward Community College (Leeward CC) proposes Project Kiloaina: Science of Place, a five year Institutional Capacity Excellence in TCUP Institutions (ICE-TI) project that combines effective STEM institutional capacity-building strategies with place-based practices that honor traditional Hawaiian knowledge. The project aims to increase enrollment, retention, graduation and transfer rates to four-year STEM programs among Native Hawaiians.	1	96,031
NATIONAL SCIENCE FOUNDATION	Pauline Chinn	Department of Curriculum Studies	Exploring Ways to Transform Teaching Practices to Increase Native Hawaiian Students' Interest in STEM		1	299,977
NATIONAL SCIENCE FOUNDATION	Stanley C Dodds	Institute for Astronomy	NSF CC*DNI Instrument: High Performance Reliable Network Access to Mauna Loa Observatory Science Instruments		1	398,207
NATIONAL SCIENCE FOUNDATION	Tracy Wiegner	Natural Sciences Division	Isotope Ratio Mass Spectrometer Acquisition for UH-Hilo Analytical Laboratory	The University of Hawaii at Hilo (UH-Hilo) Analytical Laboratory is proposing to acquire an Isotope Ratio Mass Spectrometer (IRMS) capable of analyzing solid samples (i.e., plant/animal tissues, soils) for stable isotopes of carbon (C), nitrogen (N), sulfur (S), deuterium (D), and oxygen (O), as well as liquid samples for stable N and O isotopes in NO ₃ ⁻ , D and O isotopes in water, and stable C isotopes within dissolved organic C (DOC) and dissolved inorganic C. This IRMS will be the only one on Hawaii Island, and the only one in the state capable of measuring stable isotopes of S and D in solid samples, as well as DOC.	1	568,192

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CHAMINADE UNIVERSITY	Jill Kobashigawa	College of Engineering	Engineering Success in STEM		1	85,000
WASHINGTON STATE UNIVERSITY	Stuart Nakamoto	Human Nutrition, Food and Animal Sciences	Recordkeeping Training for Agricultural Professionals in the Pacific		1	14,586

Gift, Grants, and Contracts for Jul 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Non-Research - Total					243	87,849,432
Overall - Total					600	169,234,820

Funds Received from UH Foundation for Jul 1, 2015 to Sep 30, 2015

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Gertraud Maskarinec	Cancer Etiology	Cancer Research Center of Hawaii Traineeship	Support of CRCH activity: 2008 Meiji Yasuda summer research fellowships.	1	13,158
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Peter Crouch	College of Engineering	Centennial Homecoming Event		1	5,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Stephen Meder	Facilities Management	Clarence T.C. Ching Athletic complex (UHM 09-302)	Plans, design, and construction of new Clarence T.C. Ching Athletic Complex.	1	1,431,514
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Susan Saka	Curriculum Research and Development Group	COE/CRDG Hawaiian Library		1	2,517
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Frederick Lau	Center for Chinese Studies	Confucius Institute Support	Provides salaries and fringe benefits for Confucius Institute support personnel, and miscellaneous office expenses and express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with Confucius Institute programs and activities.	1	17,400
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	Conservation International DOCARE Legal Fellow		1	5,400
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Nellie C Sugii	Lyon Arboretum	Conservation Lab Development	Initial setup for Conservation Lab Development project.	1	801,109
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Erika Lacro	Chancellor, Honolulu Community College	Fujino Matsuda Technology and Educational Center Grant Number 120-9201-4	Provide back-end support and guidance to Honolulu CC's social networking site, HCCconnect. Develop and deliver training modules, presentation material, and participant workbooks for faculty, staff and students. Provide in person support to faculty and staff during the setup and integration of HCCconnect. Investigate and build a project timeline for the migration of HCCconnect from the Ning 2.0 to Ning 3.0 platform. Provide analysis of the usage among HCCconnect users.	1	82,000

Funds Received from UH Foundation for Jul 1, 2015 to Sep 30, 2015

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Yung-Hee Kim	Department of East Asian Languages and Literature	Gendered Landscapes: Short Fiction by Modern and Contemporary Korean Women Writers	Pay for editorial assistant student salary.	1	1,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Arnold Hara	Plant and Environmental Protection Sciences	Hau`oli Mau Loa CGAPS CTAHR Research Assistantship 2014-2016		1	11,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Donald Price	Biology (UH Hilo)	Hau'oli Mau Loa Foundation Graduate Fellowship Opportunity Tropical Conservation Biology and Environmental Science		1	74,680
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Catherine Chan-Halbrend	Natural Resources and Environmental Mgt	Hauoli Mau Loa Graduate Assistantships	Hauoli Mau Loa GA To provide 3 graduate assistantships to students pursuing masters degree at UHM/CTAHR/NREM.	1	26,200
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Malia Rivera	Hawaii Institute of Marine Biology (HIMB)	HIMB Research Experiences in Marine Sciences		1	15,475
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Denise Antolini	William S. Richardson School of Law	HKL Castle DOCARE Resources Enforcement Legal Fellow 2013		1	140
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Donald Straney	Chancellor, UH Hilo	Hokupaa	To support efforts in West Hawaii Island that increase youth and young adult education, environment, data collection, community engagement, and other general resources.	1	47,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Astronomy Center Membership		1	124,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Mobile Science Laboratory		1	202,943

Funds Received from UH Foundation for Jul 1, 2015 to Sep 30, 2015

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Leon Richards	Office of International Affairs	International Language Study and Service Learning in Asia (New Acct)		1	61,387
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	32,450
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Helen Cox	Chancellor, Kauai Community College	Kaua`i Community College Aquaponics and Apiary programs	Funds for staffs salaries and fringe benefits	1	27,085
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Richard Frank Stewart	Department of English	Manoa Journal	Funds for staff salary and fringe benefits.	1	3,000
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	31,882
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Christoph Stickley	Department of Kinesiology and Rehabilitation Science	Mid-Flexion Instability in Total Knee Arthroplasty Patients		1	39,485
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	Funding for lecturer salaries and fringe to teach Hawaiian Music.	1	13,179
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Cecilia Shikuma	Department of Medicine	NeuroAIDS Professorship		1	75,000

Funds Received from UH Foundation for Jul 1, 2015 to Sep 30, 2015

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kenneth Chamber:	Institute for Astronomy	Pan-STARRS Project		1	10,600
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Joanne Taira	Office of the VP for Academic Planning and Policy	President's Emerging Leaders Program	To pay for program costs related to the President's Emerging Leaders Program (second year) for the period of July 1, 2008 through June 30, 2009.	1	17,500
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Louise Pagotto	Arts and Sciences Academic Program	Research for OLONA Project	The continuation of the botany and chemistry research for students, learning engagement, advance testing and supplies. Provide payments to KCC lecturers Mike Ross MS, Dr. Kathleen Ogata and Community Mentor Dr. Chaz Barit.	1	2,047
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Joanne Itano	Office of the VP for Academic Planning and Policy	State Systems Co-Creation Transformation Initiative	The Bill & Melinda Gates Foundation has awarded the UH Foundation funds to support the UH System's efforts to improve college access and degree completion for underserved populations within the state. With support from the grant, UH will create innovative tools that provide real-time information on student progress to students, administrators and academic advisors.	1	3,689
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Hanlon	History (UH Manoa)	The Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History	To partially support the salary and fringe benefits for the Soshitsu Sen XV Distinguished Professor of Traditional Japanese Cultural History.	1	52,445

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	James Turkson	Natural Products	2014 Pilot Study Award 3: Evaluation of Hirsutinolides Derived from Vernonia cinerea in the Treatment of Cancer		1	30,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Herbert Yu	Cancer Etiology	Chair in Epidemiology		1	115,213
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kimberly Carlson	Natural Resources and Environmental Mgt	HCS Mapping in Sumatra and Borneo - Google		1	57,000

Funds Received from UH Foundation for Jul 1, 2015 to Sep 30, 2015

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Lyle Campbell	Department of Linguistics	Henry Luce Foundation Endangered Languages Catalogue		1	39,604
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Aleksand: Kavcic	Electrical Engineering	High Density Recording Research	Development of meta signal dependent detectors for data storage.	1	20,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Arindam Chakraba	Philosophy (UH Manoa)	Indian Philosophy of Mind Research Assistant	The Indian Philosophy of Mind Research Assistant will assist the P.I. in research projects and in the preparation of manuscript in Indian Philosophy and the Philosophy of Mind/Language.	1	9,843
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Peter Hoffmann	Department of Cell and Molecular Biology	Mesothelioma Vaccine Project	This project will develop vaccine strategies for the prevention and treatment of mesothelioma.	1	7,590
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Anne Alvarez	Plant and Environmental Protection Sciences	New methodologies for Identification of Bacteria in Environmental Samples		1	22,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	H. Ronald Riggs	Civil and Environmental Engineering	Ocean - Civil Engineering Fund		1	35,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kim Holland	Hawaii Institute of Marine Biology (HIMB)	Pelagic Fisheries Research		1	23,750
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	280,788
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Erin Bantum	Social and Behavioral Sciences	Project A: Cancer Survivorship Pilot Studies		1	9,503
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	18,050

Funds Received from UH Foundation for Jul 1, 2015 to Sep 30, 2015

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Karl	Center for Microbial Oceanograph Research and Edu (C-MORE	SCOPE - Simons Collaboration on Ocean Processes and Ecology - Investigator Award - David Karl		1	338,333
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Edward F DeLong	Center for Microbial Oceanograph Research and Edu (C-MORE	SCOPE - Simons Collaboration on Ocean Processes and Ecology - Investigator Award - Edward DeLong		1	338,333
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Matthew Church	Department of Oceanograph	SCOPE - Simons Collaboration on Ocean Processes and Ecology - Investigator Award - Matthew Church		1	290,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Guenther Hasinger	Institute for Astronomy	Victor and Peggy Brandstrom Pavel Director's Chair in Astronomy		1	81,485
Overall - Total						47	4,947,277

Extramural Research Awards for the Quarter
Jul 1, 2015 to Sep 30, 2015
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	40	6,215,845	8%
DHHS-Dept of Health and Human Services	31	23,753,772	29%
DOC-Dept of Commerce	22	4,542,944	6%
DOD-Department of Defense	17	4,810,700	6%
DOE-Dept of Energy	3	292,000	0%
DOI-Dept of Interior	33	3,012,096	4%
DOT-Dept of Transportation	1	75,000	0%
Foreign	9	2,293,678	3%
Hawaii- Business and Other	4	129,510	0%
Hawaii- Government Agencies	39	5,112,213	6%
Hawaii- Health Organizations	2	251,167	0%
Hawaii- Non-Profit Organizations	29	2,265,823	3%
Mainland- Business and Other	15	438,595	1%
Mainland- Health Organizations	1	10,000	0%
Mainland- Non-Profit Organizations	10	5,414,901	7%
National Aeronautics and Space Administration	23	3,458,240	4%
National Science Foundation	44	16,311,702	20%
US Colleges and Universities	34	2,997,202	4%
Overall - Total	357	81,385,388	100%

Extramural Non-Research Awards for the Quarter of
Jul 1, 2015 to Sep 30, 2015
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	7	1,831,044	2%
DHHS-Dept of Health and Human Services	14	6,872,464	8%
DOC-Dept of Commerce	16	1,533,273	2%
DOD-Department of Defense	3	82,100	0%
DOI-Dept of Interior	2	19,200	0%
ED-Dept of Education	57	35,180,065	40%
Federal Agencies	5	5,258,221	6%
Foreign	7	511,017	1%
Hawaii- Business and Other	11	1,412,137	2%
Hawaii- Dept of Education	4	2,401,217	3%
Hawaii- Government Agencies	36	7,207,491	8%
Hawaii- Health Organizations	14	10,972,940	12%
Hawaii- Non-Profit Organizations	38	3,980,682	5%
Mainland- Business and Other	1	128,207	0%
Mainland- Non-Profit Organizations	8	1,892,421	2%
National Aeronautics and Space Administration	5	186,909	0%
National Science Foundation	13	8,280,458	9%
US Colleges and Universities	2	99,586	0%
Overall - Total	243	87,849,432	100%

**Year to Date Extramural Research Awards
Jul 1, 2015 to Sep 30, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	40	6,215,845	8%
DHHS-Dept of Health and Human Services	31	23,606,272	30%
DOC-Dept of Commerce	22	4,542,944	6%
DOD-Department of Defense	17	3,596,543	5%
DOE-Dept of Energy	3	127,534	0%
DOI-Dept of Interior	33	3,011,928	4%
DOT-Dept of Transportation	1	75,000	0%
Foreign	9	2,293,678	3%
Hawaii- Business and Other	4	129,510	0%
Hawaii- Dept of Education	0	-257,289	0%
Hawaii- Government Agencies	39	4,742,838	6%
Hawaii- Health Organizations	2	251,167	0%
Hawaii- Non-Profit Organizations	29	2,258,357	3%
Mainland- Business and Other	15	438,472	1%
Mainland- Health Organizations	1	10,000	0%
Mainland- Non-Profit Organizations	10	5,414,901	7%
National Aeronautics and Space Administration	23	3,458,240	4%
National Science Foundation	44	16,311,702	21%
US Colleges and Universities	34	2,647,585	3%
Overall - Total	357	78,875,227	100%

Year to Date Extramural Non-Research Awards
Jul 1, 2015 to Sep 30, 2015
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	7	1,831,044	2%
DHHS-Dept of Health and Human Services	14	6,856,579	8%
DOC-Dept of Commerce	16	1,533,273	2%
DOD-Department of Defense	3	82,100	0%
DOI-Dept of Interior	2	19,200	0%
ED-Dept of Education	57	35,180,065	40%
Federal Agencies	5	5,258,221	6%
Foreign	7	511,017	1%
Hawaii- Business and Other	11	1,412,137	2%
Hawaii- Dept of Education	4	2,401,217	3%
Hawaii- Government Agencies	36	7,066,541	8%
Hawaii- Health Organizations	14	10,972,940	13%
Hawaii- Non-Profit Organizations	38	3,453,384	4%
Mainland- Business and Other	1	128,207	0%
Mainland- Non-Profit Organizations	8	1,889,441	2%
National Aeronautics and Space Administration	5	186,909	0%
National Science Foundation	13	8,280,458	10%
US Colleges and Universities	2	99,586	0%
Overall - Total	243	87,162,319	100%