

Extramural Sponsor Awards Monthly Summary

<u>Program Type</u>	Sep 30, 2015		Sep 30, 2014	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Non-Research	74	\$24,597,050	90	\$27,991,190
Research	136	\$33,971,942	172	\$51,228,013
<u>Total</u>	<u>210</u>	<u>\$58,568,992</u>	<u>262</u>	<u>\$79,219,203</u>

Note: The detailed award listing is available at:

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

The FY 2014 year-to-date total was: \$190,990,865

The unofficial FY 2015 year-to-date total is: \$166,037,546

Gift, Grants, and Contracts for Sep 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	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	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-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	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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jack Grace	College of Tropical Agriculture and Human Resources	Regionally Grown Feedstock		1	150,265
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-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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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-NATL INS FOOD AND AGRICULTURE	Lorien 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	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

Gift, Grants, and Contracts for Sep 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	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-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 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 CURE Supplement		1	177,700

Gift, Grants, and Contracts for Sep 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	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 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 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 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	Axel Timmermann	Joint Institute for Marine and Atmospheric	Dynamics and Seasonal Predictability of Extreme Sea Level Variability in the Tropical Western Pacific		1	107,041

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		Research (JIMAR)				
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	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
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

Gift, Grants, and Contracts for Sep 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)	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)	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

Gift, Grants, and Contracts for Sep 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)	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
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, 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	1	65,780

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				invasive plant and animal species and restoring native vegetation.		
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-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-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	Michael Bell	Department of Atmospheric Sciences	Improved Physical Parameterizations for Tropical Cyclone Prediction		1	85,000
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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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. 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	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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
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	Paul Krushelnycky	Plant and Environmental Protection Sciences	Natural Resource Condition Assessment for Haleakala National Park		1	129,998

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	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	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	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

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

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

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

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
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	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)	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	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)	Leyla Kaufman	Plant and Environmental Protection Sciences	Garden study to test susceptibility of different naio populations to naio thrips in Hawaii		1	8,920

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
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

Gift, Grants, and Contracts for Sep 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
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	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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	H. Ronald Riggs	Civil and Environmental Engineering	Ocean - Civil Engineering Fund		1	35,000
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	Matthew Church	Department of Oceanography	SCOPE - Simons Collaboration on Ocean Processes and Ecology - Investigator Award - Matthew Church		1	290,000
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

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEVELOPMENT ALTERNATIVES INC	David Lassner	Pacific Disaster Center	ASEAN PROGRESS DMRS	ASEAN PROGRESS DMRS	1	70,984
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
LAWRENCE LIVERMORE NATL LAB	Stephen Dye	Department of Physics and Astronomy	Remote Discovery and Monitoring of Small Reactors		1	20,000
MERCK & COMPANY INC	Charles Joel Rosser	Clinical Sciences	Quantitating the Expression of PD-L1 in Non-Muscle Invasive Bladder Cancer		1	13,050
SPACE TELESCOPE SCIENCE INSTITUTE	Bo Reipurth	Institute for Astronomy	The First Ultraviolet Survey of Orion Nebula's Protoplanetary Disks and Outflows		1	17,602

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

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
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

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.	1	240,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	1	147,402
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 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	Bruce Howe	Department of Ocean and Resources Engineering	ALOHA Cabled Observatory Continuing Operations and Maintenance		1	493,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
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 Price	Natural Sciences Division	Understanding Biotic Response to Environmental Change in Tropical Ecosystems Through a Place-Based Context		1	1,000,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	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	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	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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Tao Yan	Civil and Environmental Engineering	UNS: Transform Municipal Wastewater Treatment Systems into Community Enteric Disease Information Networks		1	127,949
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

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
HAWAII PACIFIC UNIVERSITY	Susana Helm	Department of Psychiatry	R01 Hoouna Pono Drug Prevention		1	121,711
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 Sep 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 (SESs) 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
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	Susana Helm	Department of Psychiatry	Puni Ke Ola - Pilot		1	40,000
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
Research - Total					136	33,971,942

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

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

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-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	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

Gift, Grants, and Contracts for Sep 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-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	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:	1	182,847

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		Community Colleges		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.		
COMMERCE, DEPT-NATL NOAA-FED	Andrew Rossiter	Waikiki Aquarium	Carbon Networks		1	37,699
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

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

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

Gift, Grants, and Contracts for Sep 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'iiniuakea 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	1	535,716
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	Donald Young	College of Education	Improving Teacher Quality Grants - SAHEs		1	73,154
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 Ka'auao (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 Sep 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	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
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	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

Gift, Grants, and Contracts for Sep 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	Ardis Eschenberg	Chancellor, Windward Community College	Kahua Hoonaaauo: 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
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	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

Gift, Grants, and Contracts for Sep 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 ahupuaa 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	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 REHAB SVCS ADMIN	Kathryn Yamamoto	Department of Kinesiology and Rehabilitation Science	Building Capacity for the Evolving Field of Vocational Rehabilitation		1	200,000

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	1	5,135,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				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 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.		

Foreign

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
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

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

Hawaii- Business and Other

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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALU LIKE INC	Ronny Umehira	Chancellor, Leeward Community College	LEEWARD COMMUNITY COLLEGE, HO'OULU PROJECT (to Inspire, to Grow)	<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 Sep 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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.	1	100,000
KAMEHAMEHA SCHOOLS	Keiki Kawaiaea	Ka Haka'Ula O Ke'Elikelani-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

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
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-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

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	Marianne Berry	Center on the Family	Learning to Grow Project, 2014-15		1	14,473
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
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

Hawaii- Health Organizations

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

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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 Sep 1, 2015 to Sep 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	Catherine Chan-Halbrecht	Natural Resources and Environmental Mgt	Hauoli Mau Loa Graduate Assistantships	Hauoli Mau Loa GA To provide 3 graduate assistantships to students pursuing masters degree at UHM/CTAHR/NREM.	1	26,200
UNIVERSITY HAWAII FOUNDATION	Cecilia Shikuma	Department of Medicine	NeuroAIDS Professorship		1	75,000
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 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	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	Kenneth Chambers	Institute for Astronomy	Pan-STARRS Project		1	10,600

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	Leslie Kimura	Imiloa Astronomy Center Of Hawaii	Imiloa Astronomy Center Membership		1	124,000
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	Nellie C Sugii	Lyon Arboretum	Conservation Lab Development	Initial setup for Conservation Lab Development project.	1	801,109
UNIVERSITY HAWAII FOUNDATION	Peter Crouch	College of Engineering	Centennial Homecoming Event		1	5,000
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 Pharm	Immune Modulation of Flaviviruses by NLR Family Member Protein NLRC5		1	44,556
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
NATIONAL ACADEMIES	Julienne Maeda	Graduate Education	2015 Ford Fellowship Cost of Education	Ford Fellowship - Info	1	6,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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
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 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	IRNC Backbone: SxTransport Pacific Islands Research & Education Network	Support high performance network connectivity required by international science	1	2,267,297

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		Tech/Chief Info Officer		and engineering research and education collaborations		
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	Pauline Chinn	Department of Curriculum Studies	Exploring Ways to Transform Teaching Practices to Increase Native Hawaiian Students' Interest in STEM		1	299,977

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
Non-Research - Total					74	24,597,050
Overall - Total					210	58,568,992

Funds Received from UH Foundation for Sep 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	Peter Crouch	College of Engineering	Centennial Homecoming Event		1	5,000
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	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	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	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	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	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 Sep 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 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

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kimberly Carlson	Natural Resources and Environmental Mgt	HCS Mapping in Sumatra and Borneo - Google		1	57,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Aleksandar Kavic	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	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

Funds Received from UH Foundation for Sep 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	Erin Bantum	Social and Behavioral Sciences	Project A: Cancer Survivorship Pilot Studies		1	9,503
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
Overall - Total						22	2,269,219

**Extramural Research Awards for the Month
Sep 1, 2015 to Sep 30, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	19	2,324,745	7%
DHHS-Dept of Health and Human Services	9	12,410,006	37%
DOC-Dept of Commerce	16	3,896,357	11%
DOD-Department of Defense	8	3,103,563	9%
DOE-Dept of Energy	1	20,000	0%
DOI-Dept of Interior	14	1,411,021	4%
DOT-Dept of Transportation	1	75,000	0%
Foreign	2	114,200	0%
Hawaii- Government Agencies	11	1,238,713	4%
Hawaii- Health Organizations	2	251,167	1%
Hawaii- Non-Profit Organizations	13	1,274,489	4%
Mainland- Business and Other	6	159,335	0%
Mainland- Non-Profit Organizations	5	287,717	1%
National Aeronautics and Space Administration	6	861,239	3%
National Science Foundation	15	5,769,347	17%
US Colleges and Universities	8	775,043	2%
Overall - Total	136	33,971,942	100%

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

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	1	44,782	0%
DHHS-Dept of Health and Human Services	6	3,645,446	15%
DOC-Dept of Commerce	3	240,546	1%
DOD-Department of Defense	2	77,100	0%
DOI-Dept of Interior	2	19,200	0%
ED-Dept of Education	14	8,243,159	34%
Federal Agencies	1	5,135,000	21%
Foreign	4	432,585	2%
Hawaii- Business and Other	5	944,117	4%
Hawaii- Government Agencies	8	1,083,559	4%
Hawaii- Health Organizations	1	61,813	0%
Hawaii- Non-Profit Organizations	17	1,566,126	6%
Mainland- Business and Other	1	128,207	1%
Mainland- Non-Profit Organizations	5	173,456	1%
National Science Foundation	3	2,716,954	11%
US Colleges and Universities	1	85,000	0%
Overall - Total	74	24,597,050	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%