

Extramural Sponsor Awards Monthly Summary

<u>Program Type</u>	Jan 31, 2012		Jan 31, 2011	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Non-Research	23	\$3,009,345	36	\$3,105,590
Research	65	\$9,229,692	73	\$15,542,627
<u>Total</u>	<u>88</u>	<u>\$12,239,037</u>	<u>109</u>	<u>\$18,648,217</u>

Note: The detailed award listing is available at:

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

The FY 2011 year-to-date total was: \$348,787,470

The unofficial FY 2012 year-to-date total is: \$262,894,756

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Research

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	James Turkson	Natural Products	Therapeutic Application of Novel Stat3 Inhibitors in Breast and Pancreatic Cancers	The development of Stat3 inhibitors as novel drugs for the treatment of human breast and pancreatic cancers.	1	223,913

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE	David Lassner	Office of the VP for Information Tech/Chief Info Officer	Operations and Management of the Maui High Performance Computing Center	Cost reimbursement award term contract for research development, operations and management of the Maui High Performance Computing Center.	1	1,134,884
DEFENSE, DEPT-ARMY MED RSCH ACQSTN (USAMRAA)	Lawrence Burgess	John A. Burns School of Medicine	Hawaii Comprehensive Heart Center	The follow proposal has two major focus areas: 1. The development of the Hawaii Comprehensive Heart Center (HCHC) with implementation of the Comprehensive Disease Management Program (CDMP) software for the HCHC. 2. Conduct stem cell research for treatment of CHF.	0	-3,095
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Brian Powell	Department of Oceanography	Collaborative Proposal to Extend ONR YIP Research with BRC Efforts	ONR Basic Research Challenge to extend my current research into the factors that control the predictability in ocean modeling. Focus will be on the collaboration of my research with other scientists.	1	13,673
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Brian Powell	Department of Oceanography	Understanding Predictability of the Ocean	ONR Young Investigator Program: Research into the factors that control the predictability in ocean modeling. Focus will be on the model parameterizations and the influence of specific observations.	1	107,665
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Bruce M. Howe	Department of Ocean and Resources Engineering	Acoustic Seaglider: Philippine Sea Experiment	To deploy acoustic Seagliders in the Ocean Acoustics Deep Water experiment in the Philippine Sea in order to develop ways to improve tomographic resolution using a combination of fixed and mobile platforms, and powered autonomous undersea vehicles.	2	240,093

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Eva-Marie Nosal	Department of Ocean and Resources Engineering	Improvements to Passive Acoustic Tracking Methods for Marine Mammal Monitoring	This project will develop, implement and test (on simulated and real data) several ideas that have the potential to improve the accuracy and efficiency of model-based passive acoustic tracking methods for marine mammals.	1	29,867
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael G. Hadfield	Pacific Biosciences Research Center	Developing cDNA Libraries of Receptors Involved in the Recruitment of the Biofouling Tubeworm <i>Hydroides elegans</i>	This project will develop cDNA libraries for analysis of receptors involved in the recruitment of the biofouling tubework <i>Hydroides elegans</i> . We plan to make at least two developmental stage-specific cDNA libraries.	3	30,801
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Paul Nachtigall	Hawaii Institute of Marine Biology (HIMB)	Self-changing of animal hearing	Experiments to measure the ability of the false killer whale to change its hearing when warned that a loud sound is coming by presenting a neutral sound just before the loud sound.	1	273,489
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Pierre Flament	Department of Oceanography	Radar Remote Sensing of the Mesoscale Flow Through Straits and Embayments of the Philippines Archipelago	Deployment of high frequency radars to measure surface currents in the coastal waters of Luzon, Philippines, as part of a large coordinated ONR experiment.	1	304,495
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Shiv K. Sharma	Hawaii Institute of Geophysics and Planetology (HIGP)	Underwater Explosive Detection with a combined Tunable UV and 532 nm Laser Excited Raman Sensors		2	225,800
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Tim Li	Department of Meteorology	Initialization of Tropical Cyclone Structures for Operational Applications	To develop a tropical cyclone dynamic initialization scheme and apply the schemes in real-case forecast.	1	63,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Whitlow Au	Hawaii Institute of Marine Biology (HIMB)	Understanding the Foraging Behavior of Beaked Whales	Use various acoustic instruments to study the foraging behavior of beaked whales and to understand the dynamics of their prey.	1	264,007
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Zhengqing Yun	Hawaii Center for Advance Communications	Radio Propagation Modeling and Prediction in Complex Environments	Develop propagation modeling software package that achieves accurate, fast, and dynamic radio propagation prediction and help establish effective and reliable communications networks	1	240,000

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Richard E Rocheleau	Hawaii Natural Energy Institute (HNEI)	Development and Demonstration of Smart Grid Inverters for High-penetration PV Applications	This project will develop and deploy new smart inverter technologies to reduce overall PV and Smart Grid integration costs for residential and small medium sized business (SMB) solar projects and through data collection and analysis develop mitigation strategies to eliminate impact of high-penetration of distributed generation on the electric grid.	1	1,882,290

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Korea University Research and Business Foundation	Samir Khanal	Molecular Biosciences and Bioengineering	Global Mapping of N2O Emission from Aquaculture and its Implications to Climate Change: Fate of N2O in Water Recirculating Aquaponic Systems	This project is being funded by National Research Foundation of Korea for International research collaboration on aquaculture and climate change. University of Hawaii at Manoa is working closely with Korea University and Columbia University.	1	23,100

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
SEA ENGINEERING, INC.	John C Wiltshire	Hawaii Undersea Research Laboratory (HURL)	Submersible Support for Marine Inspection of the Sand Island Outfall	To conduct "one single submersible dive day" to inspect the Sand Island outfall.	1	35,338

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-HAZARD EVAL & EMERGENCY RESPONSE	Russell S. Yost	Tropical Plant and Soil Science	Arsenic in Soils, Sediments, and Aquatic Macrophytes: Concentrations in Kaumana Springs Area, Wailuki Watershed, Hawaii Island	Investigation in arsenic in soils, sediments, and aquatic macrophytes	1	15,000
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Aquatic Invasive Species Management Plan		2	60,784

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-AQUAT (DLNR)	David Duffy	Department of Botany	Ballast Water / Hull Fouling Coordinator	Coordinate the development of a comprehensive plan to prevent the introduction and dispersal of alien aquatic organisms in the ballast water and on the hulls of vessels in Hawaii waters.	1	25,546
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Statewide Plant Conservation Program		1	120,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	The State of Hawaii's Plant Extinction Prevention Program	Prevent the extinction of critically endangered native plants through collection of genetic materials for future use in propagation and reintroduction into the wild.	1	395,859
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kauai Endangered Seabird Conservation Research and Management	Conduct research on the populations of endangered Kauai seabirds and make recommendations for conservation strategies.	1	170,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Natural Area Reserves Management	Research and manage endangered species in their protective habitats in the state's natural area reserves with a focus on the native ecosystem and species diversity.	1	67,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Project Support for the Snail Extinction Prevention Program	Establish and implement a snail extinction Prevention program to protect Hawaii's rare native snails from extinction.	1	74,746
LAND & NATURAL RESOURCES, DEPT (DLNR)	Paul Krushelnycky	Plant and Environmental Protection Sciences	Anthropod species and community responses to rodent management in the	Assess the effects of suppressing rodent populations on arthropod species and communities in restoration lands on Oahu.	1	35,000

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII COMMUNITY FOUNDATION (HCF)	Charles Neal	Department of Pediatrics	The Use of Heliox to Prevent Early Nasal CPAP Failure in Extremely Low Birth Weight in Infants: A Pilot Study	Preliminary investigation of heliox gas, delivered via nasal CPAP, in the management of preterm infants with respiratory distress syndrome.	1	30,000

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Jinzen Yang	College of Tropical Agriculture and Human Resources	DNA-Based Selection of High-Growth, Saltwater-Tolerant Tilapia	The long-term goal of the project is to develop saltwater-tolerant and fast-growing tilapia by using existing strains and hybrids in Hawaii. The study will be focused on the development of DNA-based tools for selection of saltwater-tolerant, fast-growing tilapia in combination with growth trial and fillet quality evaluation.	1	50,000
UNIVERSITY HAWAII FOUNDATION	Alan Friedlander	Department of Zoology	An Assessment of Effects of Gillnets	In order to determine the effectiveness of gillnet regulations on fish stocks, nearshore surf zone fishes on windward Oahu are being sampled using beach seines in a before-after-control-impact design. In addition, fishing effort is being monitored to examine fishing patterns and practices along windward Oahu.	1	90,000
UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	Kamehameha School Research Fellow Program	Implement Kamehameha School Research Fellowship Program to advance knowledge, scholarship or learning in Native Hawaiian Law.	1	138,537

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALASKA DEPARTMENT OF FISH AND GAME	Marc Lammers	Hawaii Institute of Marine Biology (HIMB)	Acoustic Monitoring for the Presence of Beluga Whales in Cook Inlet, Alaska	Acoustic recording instruments will be deployed in Cook Inlet, Alaska to study the occurrence and movement of beluga whales. This information will be used to establish areas of critical habitat that will aid in the conservation of these endangered animals.	1	46,820
ALLERGAN INC	David Jameson	Department of Cell and Molecular Biology	Biophysical Studies on Botulinum Neurotoxin based on Fluorescence Correlation Spectroscopy	This is an unrestricted fund as stipulated in the letter dated 11/28/2011.	1	50,000
BOEING COMPANY-BOEING LASER TECH SVCS	Jeffrey Kuhn	Institute for Astronomy	UH R&D Support (ODC) - 2011	Produce hardware, or other ODC items and support travel as necessary to support R&D efforts including HiVIS Sensor maintenance.	1	4,000
CONCURRENT TECHNOLOGIES CORPORATION	Eric Heinen DeCarlo	Department of Oceanography	Fate of Arsenic in Marine Sediments	To study the absorption of sediments and biological organisms to uptake arsenic seawater environment.	1	63,600

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CONCURRENT TECHNOLOGIES CORPORATION	Eric Heinen DeCarlo	Department of Oceanography	Ordinance Reef (HI-06) Follow-up Investigation		1	315,710
CONCURRENT TECHNOLOGIES CORPORATION	Margaret Edwards	Hawaii Institute of Geophysics and Planetology (HIGP)	Hawaii Undersea Military Munitions Assessment (HI-05) Investigation Sample and Analysis Plan Develop		2	44,127
Engineering Systems Consultants, Inc.	Sven-Erik Bursell	John A. Burns School of Medicine	Further Development of a Self-Administered, Non-Mydriatic, Automated Retinal Camera (SNARC)	The primary purpose of this work is to perform the required clinical validation study using the preproduction retinal imaging device (SNARC). Patients will be recruited at the Phoenix Indian Medical Center and Retinal Assessments will be performed at the Joslin Diabetes Center.	1	72,380
JET PROPULSION LAB-JPL	Tobias Owen	Institute for Astronomy	Cassini Solstice Mission	To study seasonal and other long-term temporal changes on Saturn and its moons, from northern winter solstice to northern summer solstice. The mission extension will allow for continued observations of Saturn's rings and the magnetic bubble around the planet known as the magnetosphere.	1	28,000
SPACE TELESCOPE SCIENCE INSTITUTE	Adam Kraus	Institute for Astronomy	A Precise Mass-Luminosity-Temperature Relation for Young Stars	This program uses 16 orbits on the HST to measure the optical colors of close binary systems. The orbits of these binary systems are being monitored in an ongoing high-resolution imaging program, from which we will determine their dynamical masses. The optical colors will then be used to determine the properties of each star in the binary systems.	1	82,607
SPACE TELESCOPE SCIENCE INSTITUTE	Adam Kraus	Institute for Astronomy	The Formation and Fundamental Properties of Wide Planetary-Mass Companions	This program uses 235 orbits on the HST to measure the optical colors of planetary-mass objects in wide orbits around young stars. These data will allow us to determine their fundamental properties (i.e., temperature, luminosity, accretion status) and hence to distinguish between the predictions of different formation models.	1	115,876

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
SPACE TELESCOPE SCIENCE INSTITUTE	Esther Hu	Institute for Astronomy	Low-z Analogs of High Redshift Lyman Alpha Emitters	This proposal ("Low-z Analogs of High Redshift Lyman Alpha Emitters") uses a new camera a spectrograph aboard the Hubble Space Telescope to search for galaxies with strong UV emission lines which lie in the nearby universe. This research will greatly improve our understanding of this type of galaxy, which can easily be seen in the very universe, and shed light on the early star formation in galaxies.	1	22,623
SPACE TELESCOPE SCIENCE INSTITUTE	R Tully	Institute for Astronomy	Geometry and Kinematics of the Local Volume	The Hubble Space Telescope is uniquely capable of providing distances to nearby galaxies through measurements of the luminosities of stars at the Tip of the Red Giant Branch. With accurate distances, we generate three-dimensional maps of the distribution of galaxies and decouple the expansion and peculiar components of line-of-sight velocities.	1	80,533

Miscellaneous

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ARIZONA GEOLOGICAL SURVEY	Donald Thomas	Hawaii Institute of Geophysics and Planetology (HIGP)	Hawaii Contribution to the National Geothermal Data System	Recover surviving legacy geothermal resources data and enter that data into a web accessible national geothermal database system and maintain a local geothermal data base with all recovered Hawaii geothermal data.	1	158,121

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Bo Qiu	Department of Oceanography	Investing Midlatitude Ocean and Climate Dynamics using Satellite Altimetry and Modeling Analysis	Characterize and understand the nature and causes of the large-scale fluctuations in the midlatitude North and South Pacific Oceans on time scales from interannual to decadal.	1	104,404

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Eric Gaidos	Department of Geology and Geophysics	A Doppler and Transit Search for Signpost Planets Around Nearby M Dwarf Stars	Establish a lower limit for M stars w/Neptune-mass planets on short orbits; identify additional planets for the mass radius diagram; provide targets for major telescopes; generate a catalog of candidates for planet searches of M dwarf stars zones.	1	8,000
NATIONAL AERONAUT & SPACE ADM	Harald Ebeling	Institute for Astronomy	Beyond MACS: An All-Sky Search for the Most X-ray Luminous Clusters of Galaxies out to z~1	We propose to use the faintest X-ray sources detected in the ROSAT All-Sky Survey and imaging data from Pan-STARRS (PS1) to identify the most massive, distant galaxy clusters. The properties of these systems will then be used to investigate the nature of dark matter and dark energy.	1	115,199
NATIONAL AERONAUT & SPACE ADM	Istvan Szapudi	Institute for Astronomy	Detecting Dark Energy from WMAP and Pan-STARRS1	We propose to detect the Integrated Sachs-Wolf (ISW) effect in the WMAP (Wilkinson Microwave Anisotropy Probe) CMB (Cosmic Microwave Background maps using the one year Pan-STARRS1 (PS1) photometric LRG (Sloan Luminous Red Galaxy) sample.	1	155,437
NATIONAL AERONAUT & SPACE ADM	Nikolai Maximenko	Department of Oceanography	Aquarius Salinity Calibration, Error Quantification, Signal-to-Noise Analyses, and Resolution Studies Using historical and Concurrent Data	The project will use the Aquarius mission to provide the best possible product, to characterize the space-time variability of salinity fronts, to quantify and improve the accuracy and signal-to-noise characteristics of both gridded and along-track products, and to assess the value of Aquarius with respect to existing observations.	1	91,266
NATIONAL AERONAUT & SPACE ADM	Nikolai Maximenko	Department of Oceanography	Dynamics of Anisotropic Mean and Time-varying Structures of Ocean Circulation	Satellite data, in situ observations, and outputs of advanced numerical models will be used jointly to study the dynamics of anisotropic mesoscale stationary and propagating jet-like structures recently discovered in the upper ocean.	1	138,989

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Garrett Apuzen-Ito	Department of Geology and Geophysics	Beyond the 'Classical' mantle Plume Concept: Upwelling Dynamics, Seismic Structure, and Partial Melting of Thermochemical Plumes	Numerical models will be used to simulate convection and melting of mantle composed of different rock types and study the origin of oceanic volcano chains. Predictions of lava	1	82,834

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				composition and seismic wave-speed structure will be used to test models against observations at Hawaii and at islands in the South Pacific.		
NATIONAL SCIENCE FOUNDATION	Peter Berkelman	Mechanical Engineering	CAREER: High Fidelity Haptic Interaction using Large Range of Motion Magnetic Levitation Systems for Medical Applications	(1) Developing novel magnetic levitation with large ranges of motion, and fast and accurate position and force control, (2) developing interactive simulations with the maglev systems for surgical simulation and physical rehabilitation, (3) evaluating the realism and effectiveness of the interactive systems.	1	99,609
NATIONAL SCIENCE FOUNDATION	Shadia Habbal	Institute for Astronomy	Collaborative Research: Exploring the Thermodynamics of the Corona With Total Solar Eclipse Observations	We propose to conduct solar eclipse experiments from two remote locations, Australia and Africa, which offer the best site to obtain total solar eclipse data. Significant improvements in detector technology and image processing techniques yield eclipse images with unsurpassed details in both white light and spectral line emission.	1	186,798
NATIONAL SCIENCE FOUNDATION	Yi-Leng Chen	Department of Meteorology	Characeristics of Island-Scale Airflow and Climate over the Hawaiian Islands	In this Project, we would like to study the archipelago-scale and island-scale structure and dynamics of climate features over Hawaii and the coastal waters from high-resolution modeling	1	118,036

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COLORADO, UNIVERSITY OF	Claudio Nigg	Office of Public Health Studies	The Impact of an Environmental and Curriculum Change on Children's Obesity Related Behaviors	This is a subcontract for a part of the physical activity curriculum, the process evaluation and biostatistics for a project promoting physical activity in elementary school children. It is a project investigating the interaction of curriculum and playgrounds.	1	139,170
DREW, CHARLES R, UNIVERSITY	Cedomir Todorovic	Department of Cell and Molecular Biology	NMDA-JNK Signaling Mediate Fear Memory Elimination	The goal of the current application is to provide evidence that, not extinction of the fear response, but immediate erasure of original traumatic memories provides the most promising mechanism for behavioral, pharmacological, and genetic interventions to counter PTSD.	1	25,000

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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	246,031
OREGON, UNIVERSITY OF	Michael G. Hadfield	Pacific Biosciences Research Center	The Pacific Center for Ocean Science Education Excellence (COSEE Pacific)	Participate with the University of Oregon to further develop partnerships and outreach activities for the Center for Ocean Science Education Excellence (COSEE).	1	55,428
PITTSBURGH, UNIVERSITY OF	Robert Wright	Hawaii Institute of Geophysics and Planetology (HIGP)	Volcanic Forcing Effects on Climate and Solid Earth Systems: Integration of Terra and Aqua Datasets into the ASTER Urgent Request Protocol (URP)	Providing MODIS hot-spots support for tasking ASTER during volcanic eruptions.	1	16,861
SOUTH DAKOTA STATE UNIVERSITY	Richard Ogoshi	Tropical Plant and Soil Science	Regional Biomass Feedstock Partnership - Herbaceous Bioenergy Crop Field Trials	Five varieties of energycane will be studied to assess their growth and development for possible use as bioenergy feedstock crop under a Sun Grant program involving 7 states. Mississippi State University serves as the lead institution for the Department of Energy. Establish field trial at low elevation site (Waimanalo) with 8 varieties from Houma. Selected varieties will be included in field trial in upper elevation site (Kula) with napier grass.	1	22,000
TEXAS, UNIVERSITY OF	Loic Le Marchand	Cancer Etiology	Transdisciplinary Research in Cancer of the Lung (TRICL)	This project will study in several population-based cohort studies the epidemiologic characteristics of genetic variants found to be associated with lung cancer in a pooled analysis of genome-wide association studies.	1	178,441
Research - Total					65	9,229,692

Non-Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT, FOREST SVC-FED	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	1	1,531,747

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				agricultural and food production through more productive agribusiness; and (2) develop the local agricultural and food production workforce through education and training.		

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST GEN MED SCI	Mark Martindale	Pacific Biosciences Research Center	Identifying Cellular and Molecular Interactions Along the Pathway to Symbiosis - Sr Fellow- E. Vallen	Identifying Cellular and Molecular Interactions Along the Pathway to Symbiosis - Sr Fellow- E. Vallen	1	13,278
HEALTH & HUMAN SVC,DEPT-NIH-FED NTL INST CHLD HLTH&HUM DEV	Kristine Ann Qureshi	School of Nursing and Dental Hygiene	Community-Based Capacity Building: Academic-Community Partnerships Using Participatory Action Research to Bridge Across the USAPI	The UH SONDH will implement a project with the overall aim of developing capacity for community based participatory research in the USAPI. The project work will be accomplished through training program and meetings to be conducted in the USAPI jurisdictions and culminate in a grant proposal.	1	29,864

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Cheryl Anderson	Social Science Research Institute	Pacific Regional Ocean partnership (PROP) Development and Governance Support	The intent of the Pacific Regional Ocean Partnership Development and Governance Support is to coordinate a partnership agreement among ocean managers in the Pacific region, develop a strategy and action plan for implementing the partnership and addressing official issues, and develop a marine spatial plan.	1	249,000
COMMERCE, DEPT-NATL NOAA-FED	Darren Lerner	Sea Grant College Program	Pamela E. Michael, HI, Knauss Fellowship 2012	Provide educational experience in the policies and processes of the legislative and executive branches of the federal government to graduate students in aquatic-related fields.	1	49,000

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
BISHOP MUSEUM	Pauline W. Chinn	Curriculum Development	Project Laulima: Working Together to Develop Middle School Hawaiian STEM	Project Laulima establishes an 11-month graduate research assistant GRA 7 for an Med	1	23,613

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
		Services	Curricula	student who will report to PI Chinn and work with teachers to develop, teach, and evaluate lessons relevant to Bishop Museum NHEP project All Together Now.		
HAWAII COUNCIL FOR THE HUMANITIES	Kirstin Pauka	Theatre and Dance	Outreach and Documentation for Indonesian Randai Theatre at Kennedy Theatre/UHM	Publicity and outreach activities for the production and performance of Indonesian Randai play at Kennedy Theatre.	1	5,000
KAMEHAMEHA SCHOOLS	Hunter McEwan	Department of Educational Foundations	Kamehameha Schools EDD Tuition Support Award	To work as a diverse and democratic community through teaching to prepare new educators and provide on-going professional development in education	1	25,000
KAMEHAMEHA SCHOOLS	Lisa Hunter	Institute for Astronomy	Akamai/KS Collaboration for STEM Workforce Development	Akamai/KS Collaboration for STEM Workforce Development	1	11,500

Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Susan Saka	Curriculum Research and Development Group	To Coordinate and Administer The Hawaii Youth Risk Behavioral Study		1	25,000
EDUCATION, DEPT-HI	Terry Ann F Higa Tabije	Curriculum Research and Development Group	Data Analysis Services to the Farrington Complex Kalihi Learning Center 21st Century Community Learn	Confer with the Contract Administrator to coordinate timing of tasks. Compile and analyze program data using the templates. Report to the consortium by providing completed electronic template file with organized and aggregated data. Work directly with schools for Teacher surveys. Report surveys to the State and enter data into PPICS.	1	35,000

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-ADULT MENTAL HTH DV-HI	Courtenay Matsu	Department of Psychiatry	Adult Residency Contract	Provide training and administrative support to psychiatric residents and fellows for the Department of Health, Adult Mental Health Division as outlined in the Scope of Services.	1	107,250

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HEALTH, DEPT-ADULT MENTAL HTH DV-HI	Steven Onken	Social Science Research Institute	Hawaii Mental Health Transformation State Incentive Grant	Purpose is to do a transformation of current mental health delivery systems in the state. It is also to look at the system as a whole and modify laws, norms, and values, and reassess systems of service delivery and finance.	1	156,019
HEALTH, DEPT-HI	Mark Kunimune	Chancellor, Kapiolani Community College	Emergency Pediatric Care Program		1	67,787
HUMAN SERVICES, DEPT-HI	Naomi Kanehiro	Human Nutrition, Food and Animal Sciences	UH-CES Supplemental Nutrition Assistance Program Education FY 2012	Project priorities are to explore practical ways to influence positive nutrition behaviors and to interactively deliver nutrition education services for Supplemental Nutrition Assistance Program participants and those eligible to participate.	1	56,284
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Ahihi-Kinau Natural Area Reserve Education and Outreach	Develop an education and outreach program for the Ahihi-Kinau natural area reserve on Maui.	1	70,404
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Support of Invasive Species Public Outreach Efforts in Hawaii		1	20,000

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
OLELO	Hae Okimoto	Office of the VP for Information Tech/Chief Info Officer	University of Hawaii - Supplemental Projects 2010		1	69,375
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford W. Morden	Department of Botany	East Maui Watershed Protection		1	57,112
UNIVERSITY HAWAII FOUNDATION	Robert Kelly Aune	Communicology	CKS Editor Course Release #2	Receive manuscripts submitted for review, assign manuscripts to expert reviewers, review and edit submissions, decide accept or reject manuscripts, work with authors to finalize submissions, and prepare journal for publication.	1	5,200

Mainland- Business and Other

Gift, Grants, and Contracts for Jan 1, 2012 to Jan 31, 2012

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
BRISTOL-MYERS SQUIBB COMPANY	Jon S Fukumoto	Clinical Sciences	CA180330, Studying Interventions for Managing Patients with Chronic Myeloid Leukemia in Chronic Phase: The 5-Year Prospective Cohort Study....	Phase 4, 5-year observational study for chronic myeloid leukemia (CML). Data collected twice a year to assess treatment characteristics of dasatinib in first-line chronic CML and to obtain a better understanding of overall treatment strategies, patient benefits of treatment, and use of healthcare resources for CML management.	1	42,212

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CALIFORNIA SAN FRANCISCO, UNIV	Cyril Goshima	John A. Burns School of Medicine	HIV Care Services Training & Educational Services	HIV education for clinicians in Hawai'i and the US Pacific jurisdictions.	1	299,700
KANSAS STATE UNIVERSITY	Claire Nakatsuka	College of Tropical Agriculture and Human Resources	Military 4-H Grant	The OMK Local/Regional Network expansion grant is intended to support community efforts to address specific changes in the lives of military youth and families, in particular, changes related to an increase in connections military youth have during the deployment of a loved one.	1	60,000
Non-Research - Total					23	3,009,345
Overall - Total					88	12,239,037

Funds Received from UH Foundation for Jan 1, 2012 to Jan 31, 2012

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Robert Kelly Aune	Communicat	CKS Editor Course Release #2	Receive manuscripts submitted for review, assign manuscripts to expert reviewers, review and edit submissions, decide accept or reject manuscripts, work with authors to finalize submissions, and prepare journal for publication.	1	5,200

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Alan Friedland	Department of Zoology	An Assessment of Effects of Gillnets	In order to determine the effectiveness of gillnet regulations on fish stocks, nearshore surf zone fishes on windward Oahu are being sampled using beach seines in a before-after-control-impact design. In addition, fishing effort is being monitored to examine fishing patterns and practices along windward Oahu.	1	90,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	Kamehameha School Research Fellow Program	Implement Kamehameha School Research Fellowship Program to advance knowledge, scholarship or learning in Native Hawaiian Law.	1	138,537
Overall - Total						3	233,737

**Extramural Research Awards for the Month
Jan 1, 2012 to Jan 31, 2012
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	1	223,913	2%
DOD-Department of Defense	16	2,924,679	32%
DOE-Dept of Energy	1	1,882,290	20%
ED-Dept of Education	0	0	0%
Foreign	1	23,100	0%
Hawaii- Business and Other	1	35,338	0%
Hawaii- Government Agencies	10	963,935	10%
Hawaii- Non-Profit Organizations	4	308,537	3%
Mainland- Business and Other	13	926,276	10%
Mainland- Non-Profit Organizations	0	0	0%
Miscellaneous	1	158,121	2%
National Aeronautics and Space Administration	6	613,295	7%
National Science Foundation	4	487,277	5%
US Colleges and Universities	7	682,931	7%
Overall - Total	65	9,229,692	100%

**Extramural Non-Research Awards for the Month of
Jan 1, 2012 to Jan 31, 2012
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	1	1,531,747	51%
DHHS-Dept of Health and Human Services	2	43,142	1%
DOC-Dept of Commerce	2	298,000	10%
Hawaii- Business and Other	4	65,113	2%
Hawaii- Dept of Education	2	60,000	2%
Hawaii- Government Agencies	6	477,744	16%
Hawaii- Non-Profit Organizations	3	131,687	4%
Mainland- Business and Other	1	42,212	1%
US Colleges and Universities	2	359,700	12%
Overall - Total	23	3,009,345	100%

**Year to Date Extramural Research Awards
Jul 1, 2011 to Jan 31, 2012
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	37	7,583,705	5%
DHHS-Dept of Health and Human Services	48	27,853,061	20%
DOC-Dept of Commerce	53	16,944,428	12%
DOD-Department of Defense	50	27,913,027	20%
DOE-Dept of Energy	3	2,362,839	2%
DOI-Dept of Interior	33	3,445,951	2%
ED-Dept of Education	7	2,140,145	2%
Federal Agencies	10	3,468,607	2%
Foreign	11	943,355	1%
Hawaii- Business and Other	17	1,302,746	1%
Hawaii- Government Agencies	73	10,317,283	7%
Hawaii- Health Organizations	5	274,675	0%
Hawaii- Non-Profit Organizations	42	2,363,918	2%
Mainland- Business and Other	58	3,777,623	3%
Mainland- Health Organizations	10	698,332	0%
Mainland- Non-Profit Organizations	15	1,003,864	1%
Miscellaneous	1	158,121	0%
National Aeronautics and Space Administration	46	7,908,169	6%
National Science Foundation	59	16,498,675	12%
US Colleges and Universities	68	5,704,226	4%
Overall - Total	646	142,662,750	100%

Year to Date Extramural Non-Research Awards
Jul 1, 2011 to Jan 31, 2012
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	13	2,458,777	2%
DHHS-Dept of Health and Human Services	27	8,952,340	7%
DOC-Dept of Commerce	9	3,384,521	3%
DOD-Department of Defense	6	1,620,940	1%
DOE-Dept of Energy	1	299,693	0%
DOI-Dept of Interior	10	359,794	0%
ED-Dept of Education	80	35,434,960	29%
Federal Agencies	6	29,990,492	25%
Foreign	14	2,949,365	2%
Hawaii- Business and Other	21	2,061,284	2%
Hawaii- Dept of Education	8	191,955	0%
Hawaii- Government Agencies	67	9,824,210	8%
Hawaii- Health Organizations	10	622,356	1%
Hawaii- Non-Profit Organizations	47	3,817,804	3%
Mainland- Business and Other	19	863,854	1%
Mainland- Health Organizations	3	56,810	0%
Mainland- Non-Profit Organizations	10	1,371,864	1%
National Aeronautics and Space Administration	3	634,458	1%
National Science Foundation	24	13,418,565	11%
US Colleges and Universities	27	1,917,964	2%
Overall - Total	405	120,232,006	100%