

Gift, Grants, and Contracts for Dec 1, 2012 to Dec 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	Michelle Seidel	Center for Cardiovascular Research	PDGF Receptor Signaling in Mammalian Development	This project investigates the roles of PDGF receptors in vascular smooth muscle, cardiac fibroblast, and mesenchymal cell development and disease.	1	244,662
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CANCER INST	Toshihiko Kawamori	Natural Products	The Sphingolipid Pathway in Colon Cancer Chemoprevention	The most common preventable cancer is colorectal cancer. We found that sphingolipids play a pivotal role in colon cancer development by regulating inflammation. In this project, we try to understand the mechanisms by which the sphingolipid pathway mediates colon cancer development and to identify good targets for colon cancer chemoprevention.	1	150,957
HEALTH & HUMAN SVC, DEPT-NIH-FED NTL INST ON AGING	Jane Onoye	Department of Psychiatry	Informant-based Assessment of Parents from the Hawaii Family Study	This phase of the longitudinal Hawaii Family Study (HFS) will develop a retrospective/prospective assessment, which will be administered as a survey to offspring generation (or caregivers) in order to better understand the health status/cognitive functioning of the original HFS parent generation and potential risk/protective factors for cognitive decline and functioning.	1	60,328

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Robert John Toonen	Hawaii Institute of Marine Biology (HIMB)	Facilitation of Collaborative Monitoring, Research, and Data Management Between US DOC/NOAA/NOS/ONMS	See "Narrative" under Proposal Attachments.	1	779,000

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	Stuart M Jefferies	Institute for Astronomy	Advancing the Surveillance Capabilities of the Air Force's Large-Aperture Telescopes	Conduct fundamental research into image restoration methods with the goal of significantly extending the region of performance for ground-based imaging of	1	239,158

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				space-based targets, using the Air Force's 3-meter class telescopes.		
DEFENSE, DEPT-DEPUTY UNDR SECRETARY OF DEF	James Gaines	Office of the Vice President for Research	Managing Partner of Pacific Disaster Center	To support the evolvement of the Pacific Disaster Center into a public-private partnership benefiting from shared responsibilities and assistance from the Department of Defense and PDC with its internal management, administration, and development of concepts.	1	3,600,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Bo Qiu	Department of Oceanography	Origins of the Kuroshio and Mindanao Currents	This proposed research is to investigate the 3-dimensional structure and temporal variability of the westward-flowing North Equatorial Current (NEC) and its bifurcation into the Kuroshio and Mindanao Currents in the Philippine Sea.	1	153,413
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	22,093
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	35,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Michael G. Hadfield	Pacific Biosciences Research Center	Multiple Approaches for Testing Novel Coatings in the Laboratory and in Pearl Harbor, Hawaii, with Emphasis on the Global, Problem-fouling Tubeworm	Testing of marine fouling organisms on experimental coating sin the field and laboratory	1	75,000

DOE-Dept of Energy

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Jean St-Pierre	Hawaii Natural Energy Institute (HNEI)	The Effect of Airborne Contaminants on Fuel Cell Performance and Durability	The objective of the proposed work is to characterize, analyze, and understand the effects of airborne contaminants which have the potential to reduce the performance of durability of proton exchange membrane (PEM) fuel cells.	1	400,000

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DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Aly El-Kadi	Water Resources Research Center	Determination of Groundwater Fluxes and Evaluation of the Effectiveness of Low-Permeability Valley-Fills in the Pearl Harbor Aquifer Area, Oahu	The study is aimed at Determination of groundwater fluxes and evaluation of water-level data to characterize effectiveness of low-permeability valley-fill deposits in the Pearl Harbor Aquifer area, Oahu, Hawaii. Recent synoptic water-level surveys in the Pearl Harbor Aquifer by the USGS and water levels measured on opposite sides of valley-fills will be used to characterize the effectiveness of the alluvium as a hydrologic barrier. Moreover, continuously measured water levels will be analyzed to evaluate the cross-boundary effects of groundwater withdrawals. After removing environmental stresses that influence water levels other than groundwater withdrawals (e.g., barometric pressure, recharge events), the water-level time series can be investigated for signs of drawdown and recovery across valley fills.	1	80,000
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon K. Ziegler	Vice Chancellor for Research	Environmental Science to Support Sustained Use of the Ke`ohe`i Maneuver Area at P#333;hakuloa Training Area	Partnership with USGS and NCALM on project "Environmental Science to Support Sustained Use of the Ke`ohe`i Maneuver Area at P#333;hakuloa Training Area"	1	260,296
INTERIOR, DEPT-UNITED STATES GEO SURVEY	Sharon Ziegler	Pacific Aquaculture and Coastal Resources Ctr	Surveys to Determine Impacts of Invasive Ants in National Park of American Samoa, dated 04/21/2010	Survey and map distributions of ants within NPSA; Identify environmental variables that influence distributions of invasive ants; Measure impacts of invasive ants on arthropod communities; Provide recommendations to park managers on ways to mitigate impacts of invasive ants within NPSA.	1	71,400

Federal Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
USE 01100-HOMELAND SECURITY, DEPT	James Gaines	Office of the Vice President for Research	The National Center for Island, Maritime and Extreme Environment Security (CIMES)	The goal of this Center of Excellence is to develop leading-edge, multi-institutional, focused education and basic research program capable of delivering the scientific advances necessary to permit revolutionary	2	2,145,000

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				improvements in America's ability to protect its citizens, infrastructure, economy, and environment in the Maritime, Remote Island, and Extreme Environment domain.		

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Kingdom of Tonga, Government of	James Gaines	Pacific Disaster Center	Consulting Services for Strengthening the Use of Risk Information in Land Use Planning	The Project objective is to assist the Government of Tonga to implement its medium to longterm Priority Tsunami Recovery Program for Niuaotupapu aimed at recovering the living standard of the population living on the island affected by the tsunami of September 30, 2009, through the reconstruction and retrofitting of residential houses with auxiliary water and sanitation facilities and strengthening Tonga's capacity to address future natural disasters.	1	214,754
MAX-PLANCK-GESELLSCHAFT ZUR FORDER	Kenneth Chambers	Institute for Astronomy	PS1SC Operations MPG	The Pan-STARRS 1 Science Consortium is a four member consortium that will provide support for the daily operations, maintenance, and development of PS1 telescope and data.	1	250,000
QUEEN'S UNIVERSITY BELFAST	Kenneth Chambers	Institute for Astronomy	PS1SC Operations UK	The Pan-STARRS 1 Science Consortium is a four member consortium that will provide support for the daily operations, maintenance, and development of PS1 telescope and data.	1	250,000
Tsinghua Center for Astrophysics	Colin Aspin	Institute for Astronomy	Tsinghua Center for Astrophysics Share of Collaborative Research with SNIFS and the University of Hawaii 2.2 Meter Telescope	To continue collaboration with the Nearby Supernova Factory in Providing telescope time for the SNIFS instrument and recognize the involvement of a new partner, Tsinghua Center for Astrophysics.	1	378,000
UNITED STATES-ISRAEL BINATIONAL SCIENCE FOUNDATION	Robert John Toonen	Hawaii Institute of Marine Biology (HIMB)	Collaborative Research: Phylogeny of the Octocorals (phylum Cnidaria), Family Xeniidae: Application of Molecular and Morphology Based Approaches	We propose to collaborate using DNA and traditional taxonomic methods to resolve the systematics of this enigmatic but important coral group and produce a field guide for them.	1	1,303

Hawaii- Government Agencies

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
County Hawaii Dept of Research and Development	Maria Chloe Haws	Pacific Aquaculture and Coastal Resources Ctr	Broodstock Self-sufficiency as a Foundation for the New Hawaii Oyster Industry	<p>Hawai`i is on the verge of re-establishing its bivalve (e.g. clams, oysters) shellfish industry which died 25 years ago as a result of the State not implementing the water quality monitoring program required to grow safe shellfish. The Hawai`i Department of Health has now revived the State Shellfish Sanitation Program so that industry development can move forward. Hawai`i Island is uniquely positioned to take advantage of this new opportunity. Three of the nations largest shellfish hatcheries are located on Hawai`i Island (2 at NELHA, 1 new in Hawaiian Paradise Park) and most recently, oyster growout trials conducted in conjunction with the Division of Aquatic Resources (DAR) indicate that East Hawai`i coastal waters provide conditions that foster rapid oyster growth and survival. It is estimated that over 400,000 oysters alone are imported each month to Hawai`i. Establishing a shellfish industry in Hawai`i will provide jobs and reduce dependency on seafood imports. Moreover, shellfish have an added benefit in that their filter feeding habits help improve water quality.</p> <p>In order for Hawai`i to become a major shellfish producer, oyster strains must be developed that perform well under Hawaii's unique conditions, i.e. warm water throughout the year. Pacific Oysters, the leading culture species, tend to become either spawnly or thin if kept under tropical conditions permanently. Some selected oyster strains produced by the Molluscan Broodstock Program (MBP) at Oregon State University have been demonstrated by University of Hawaii Hilo researchers to have year round superior performance in Hawai`i. The MBP is now under threat due to funding cuts, hence we propose to obtain the superior strains and maintain these in Hawai`i in order to be able to provide seed to producers and avoid long-term dependence on unstable programs elsewhere. Moreover, this repository of superior broodstock serves two additional</p>	1	7,000

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				purposes: 1) allows Hawaii researchers to continue research to		
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species in Maui County	Implement a county-wide strategy for early detection and control of invasive species in Maui County.	1	267,012
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species on the Island of Kauai	Control and eradicate invasive species on Kauai, with an emphasis on early detection and rapid response.	1	267,541
LAND & NATURAL RES, DPT-FORST (DLNR)	Leyla Valdivia Kaufman	Plant and Environmental Protection Sciences	Biological Control of Naio Thrips in Hawaii	This project will investigate the association of a mymarid wasp and the invasive naio thrips in the lab, as part of a biological control program	1	40,500
LAND & NATURAL RES, DPT-INVASIVE SPEC (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species on Oahu	Develop and implement a strategy to control and prevent invasive species on Oahu.	1	267,541
TRANSPORTATION, DEPT-HI	Chittaranjan Ray	Water Resources Research Center	Sustainable Landscape for Highways: Evaluation of Recycled and Waste Materials as Soil Amendments	t We will use various recycled materials (compost etc) and waste materials (sludge etc) for plant growth evaluation for highway landscaping.	1	249,667

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
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 sea-water environment.	1	10,000
Envirocycle Worldwide Inc	Roger Babcock	Water Resources Research Center	Envirocycle: Performance of Residential Wastewater System		1	33,000
JET PROPULSION LAB-JPL	Andrew Howard	Institute for Astronomy	Small Planets Orbiting M Dwarfs in the Eta-Earth Survey	The Eta-Earth Survey is a systematic search for super-Earth and Neptune-mass planets around the nearest 235 GKM stars. In this proposal we seek to continue our systematic planet search among the 69 M dwarfs in the program.	1	20,000

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JET PROPULSION LAB-JPL	Norbert Schorghofer	Institute for Astronomy	Smart Search and Change Detection	The principal investigator will contribute his expertise with various landmark types, access and select images to test on, aid in the organization of the landmark catalog, provide feedback on the system as it scales and matures, and help publish and results to the scientific community.	1	15,000
WOODS HOLE OCEANOGRAPHIC INSTITUTION	Kwok Fai Cheung	Department of Ocean and Resources Engineering	Shoreline Evolution and Coastal Resiliency at Two Military Installations: Modeling of Hurricane Surge, Waves, and Overwash	Perform hurricane surge, wave, and overwash modeling in support of a study on shoreline evolution and coastal resiliency at Eglin Air Force Base, Florida and Camp Lejeune, North Carolina	1	98,260
WOODS HOLE OCEANOGRAPHIC INSTITUTION	Paul Nachtigall	Hawaii Institute of Marine Biology (HIMB)	Acoustic Behavior, Baseline Ecology and Habitat Use of Pelagic Odontocete Species of Concern	We propose to employ non-invasive, acoustic behavior and orientation tags (DTAGS) to establish critical baseline information on the ecology and sound use of false killer and melon headed whales. Tags will provide novel and needed baseline acoustic characteristics and associated acoustic behavior and dive patterns.	1	10,296

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
RIVERSIDE RESEARCH INSTITUTE	Junji Machi	Department of Surgery	Advanced Ultrasonic Evaluation of Sentinel Lymph Nodes	Using special advanced ultrasound techniques, we are trying to make a diagnosis of cancer in lymph nodes, which will help pathologists. We focus on sentinel lymph nodes of breast cancer so that diagnosis of lymph nodes metastasis will be improved in a non-invasive way.	1	2,500
WOMEN & INFANTS HOSP OF RHODE ISLAND	Charles Neal	Department of Pediatrics	Prenatal Methamphetamine Exposure and School Age Outcome (IDEAL II)	The major goal of this project is to study the effects of prenatal methamphetamine exposure on child outcomes.	1	17,575

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
RAND Corporation	Valli Kalei Kanuha	Sociology (UH Manoa)	National Evaluation of Safe Start: Promising Approaches for Children Exposed to Violence (Phase II)	National evaluation of Safe Start Promising Approaches program. This award is to be used for data collection of comparison groups	1	12,000

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				generated at Parents and Children Together, the project collaborator with UH. Activities will take place at the agency and other community sites in Kalihi and urban Honolulu.		

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Karen Meech	Institute for Astronomy	Water and Habitable Worlds	This project will trace the history of water from its formation in the interstellar medium to incorporation in the solar system, how it reaches the terrestrial planets, and its role in life	1	291,806
NATIONAL AERONAUT & SPACE ADM	Peter Gorham	Department of Physics and Astronomy	ExaVolt Antenna: Supporting Technology for Suborbital Ultra-high Energy Particle Observatories	Develop the concept of a very large toroidal balloon-surface radio telescope into a functional scale-model engineering prototype which can validate the effectiveness of this technique for future large-scale NASA balloon missions with the goal of extending NASA's ultra-high energy particle detection capabilities	1	70,000

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Leon Richards	Chancellor, Kapiolani Community College	IPA (Intergovernmental Personnel Act) to Cover the Cost of John Rand Salary for NSF	Intergovernmental Personnel Agreement extension to allow Kapiolani CC's STEM Director Dr. John Rand to serve a second year as a program officer at NSF.	1	122,035

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Operational Support of Infrasound Station I59US of the International Monitoring System (IMS)	Operate, maintain and upgrade/sustain the I59 infrasound site in Hawaii.	1	90,000

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CALIFORNIA DAVIS, UNIVERSITY OF	Amefil Agbayani	Student Equity Excel & Diversity	AANCART: The National Center for Reducing Asian American Cancer Health Disparities	The overall vision is to reduce cancer disparities among Asian Americans. Using community-based participatory research, the Center will use its established network and academic-community partnerships to conduct innovative outreach, research and training efforts in five cities in Hawaii, California, and Washington.	1	113,037
CORNELL UNIVERSITY	Kimberly Binsted	Information and Computer Sciences	Effects of Retronasal Smelling, Variety and Choice on Appetite and Satiety	Our main analog study will test the hypothesis that allowing a crew to prepare some of their own meals will mitigate menu fatigue and increase food satisfaction. An analog crew of 5 volunteers will inhabit a Mars analog site for 4 months. Preparation time, food acceptability, intake, and mood will be tracked.	1	237,025
DREW, CHARLES R, UNIVERSITY	Richard Yanagihara	Department of Pediatrics	RCMI Translational Research Network	The Research Coordinating Center (RCC) component of the RTRN program will be to help nurture collaborative research, and to serve as a hub for cross-institutional mentoring and professional development.	1	551,517
HARVARD UNIVERSITY	Kenneth Chambers	Institute for Astronomy	PS1SC Operations CfA/LCO	The Pan-STARRS 1 Science Consortium is is a four member consortium that will provide support for the daily operations, maintenance, and development of PS1 telescope and data.	1	250,000
JOHNS HOPKINS UNIVERSITY	Kenneth Chambers	Institute for Astronomy	PS1SC Operations JHU	The Pan-STARRS 1 Science Consortium is is a four member consortium that will provide support for the daily operations, maintenance, and development of PS1 telescope and data.	1	250,000

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
RUTGERS, STATE UNIVERSITY OF NEW JERSEY	Kristin Pauker	Psychology (UH Manoa)	Exposure to Biracial Americans and Changes in Essentialist Beliefs	<p>Figures suggest that 1 in 40 people currently identify as belonging to more than one race in the U.S, and among younger generations, 1 in 20 (Bean & Lee 2002). Census-based projections suggest that 1 in 5 people will identify as mixed-race in 2050 (Farley, 2001). The increase in biracial self-identification has spurred scholars from several disciplines to theorize about the impact of mixed-race populations and biracial identification on racial categories and boundaries. For example, some argue that the increasing biracial population may eventually shift the color line to include Minority/White biracial individuals into the White racial category (see Lee & Bean, 2010). Others suggest that biracial people may disrupt categorization processes (Chen & Davidson, 2012), which could challenge essentialist ideologies that underpin stereotyping and prejudice (Pauker, Weisbuch, & Ambady, 2012; Young, Sanchez, & Wilton, 2012). Yet no published study to our knowledge has ever empirically or experimentally tested whether contact with biracial people actually changes essentialist beliefs or the downstream consequences thereof. The present study fills this gap by proposing the Biracial Identification and Changes in Essentialism (BICE) model, which will be tested in a naturalistic longitudinal study of recent arrivals to Hawaii (a largely multiracial context) and a series of laboratory experiments in the U.S. mainland.</p> <p>The BICE model builds on the PIs prior NSF funded research on categorization processes of multiracial populations to 1) identify the conditions under which exposure to multiracial people shift conceptions of race, 2) explore the individual differences that enhance the likelihood of essentialist belief change (e.g., high need for cognition, certainty in conceptions of race) 3) identify the positive and negative downstream consequences of essentialist belief change, whereby reduced</p>	1	36,537

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				essentialist beliefs may increase egalitarian racial attitudes but simultaneously dimi		
Research - Total					46	12,740,213

Non-Research

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL INST MIN HLTH & DISP	Marjorie Mau	Department of Native Hawaiian Health	Partnerships for Cardiometabolic Disparities in Native and Pacific Peoples		1	1,011,767

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE OFC OF SCI RSCH	Lisa Hunter	Institute for Astronomy	Akamai Internship Program	The Akamai Internship Program will train and advance local students for science and technology careers, through a new electro-optics curriculum, internships, and professional development of faculty members and graduate students.	1	125,000
DEFENSE, DEPT-NAVY OFC OF NAVAL RSCH	Alexander N Shor	School of Ocean and Earth Science and Technology	Research Vessel Operations and At-Sea Technical Services, University of Hawaii 2009-2011	Emergency repairs and maintenance work o n R/V Kilo Moana.	1	60,216

ED-Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-FED	Louise Pagotto	Chancellor, Kapiolani Community College	Center On Responsive Education (CORE) 1+1	Center On Responsive Education (CORE) 1+1 will provide stipends to 50 students (2 cohorts of 25 student) to complete an associate degree in one of four areas - special education, deaf education, educational interpreting or English as a second language - plus complete a 12-credit certificate program in low incidence disabilities.	1	300,000

Federal Agencies

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HOMELAND SECURITY, DEPT-AMERICAN SAMOA	Kwok Fai Cheung	Department of Ocean and Resources Engineering	Tsunami Inundation Mapping for American Samoa	The project will develop tsunami inundation maps for American Samoa.	1	150,000

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
American Samoa, Government- Department of Education	Deborah K Zuercher	Institute for Teacher Education	American Samoa Territorial Teacher Training Assistance Project	To provide a Bachelor of Education degree and teacher certification to upgrade the skills of in-service teachers in American Samoa.	1	2,287,167

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Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Environment and Energy Modeling, Unit for	Bin Wang	International Pacific Research Center (IPRC)	CLIMITS-Performance and usefulness of CLiMATE predictions: Beyond current liMiTationS	Over the past 25 years, the modeling community achieved steady progress in dynamical climate predictions, with skill level that is now considered useful for some societal applications at the seasonal time-scale. However, major factors such as coupled models errors, initialization strategies and unconstrained physical parameterizations are still substantially limiting predictability, particularly over land areas. Long-term improvements in climate predictions must necessarily come by (i) improved understanding and description of the physical processes through dedicated process studies and observations. In the meanwhile, (ii) the multi-model approach can be used combining the imperfect models available to enhance predictions. Progresses in both objectives (i) and (ii) need more international collaborative efforts. By implementing collaboration between European and Asian-Pacific climate prediction communities, this project will largely contribute to objective (ii). In fact, five European and seven Asian Pacific climate prediction systems will be collected to form a grand multi-model. The maximum level of multi-model prediction performance currently attainable will be assessed and innovative techniques will be developed in order to evaluate attainable and attained forecast skill over land and the related multi-model capability to enhance usefulness. The project will contribute to objective (i) by improving land surface-vegetation representation in...	1	23,421
GUAM, GOVERNMENT - Public Health and Social Services	Lee E Buenconsejo-Lum	Department of Family Medicine and Community Health	Pacific Regional Comprehensive Cancer Control program (Guam DPHSS 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

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Osterlens Folkhogskola	Ibrahim G. Aoude	Ethnic Studies	Osterlens Folkhogskola Indigenous Studies Program	<p>The Österlens folkhögskola (OF) Indigenous Studies-Hawaii is a special short-term fieldwork research program for the OF to take place in Hawaii during Spring 2012. The 6-week program will provide Österlens folkhögskola participants with an introduction to and participation in short-term fieldwork research programs. The participants will take part in the following programs and services administered through the Ethnic Studies Department:</p> <ol style="list-style-type: none"> 1. A lecture series, class discussions, and research assistance 2. Events and field excursions 3. Programmatic and administrative support 4. Service Learning at the following programs: <ol style="list-style-type: none"> a) Mālama i nā Ahupuaa b) The Pōhō Pipeline c) No Mo Haus (homeless) <p>A maximum of 25 OF participants will be allowed to participate. Participants will be responsible for their own housing and carry their own health insurance.</p>	1	1,875

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALU LIKE INC	James Goodman	Chancellor, Leeward Community College	Hououlu Project	To improve career and technical education services for Hawaiian natives	1	297,644

Hawaii- Dept of Education

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Terry Ann F Higa Tabije	Curriculum Research and Development Group	An Evaluation of the Campbell Complex's 21st Century Community Learning Centers	The evaluators will study project implementation and outcomes. The evaluators will (a) meet w/site coordinators to discuss the evaluation design, methods, and timelines, (b) provide site coordinators w/data-collection e-forms or hard copies for return on agreed-upon timelines, (c) analyze data, and (d) report findings.	1	45,000

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HEALTH, DEPT-FAMILY HLTH SVC DIV-HI	Susan M Saka	Curriculum Research and Development Group	Development and Production of Youth Risk Behavior Survey for the State of Hawaii	To design, develop, and produce the Youth Risk Behavior Survey for the State of Hawaii.	1	10,000
PUBLIC SAFETY, DEPT-HI	Noreen Mokuau	School of Social Work	Sex Offender Services Officer	To Provide a clinical director who is experienced in the administration of sex abuse education and treatment services in a correctional Institution.	1	174,455

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAWAII MEDICAL SRVC ASSN FOUNDATION	Cullen T Hayashida	Continuing Education / Non- Credit Program	Kupuna Adult Care Home Project: Online Conversion Phase	Care worker continuing education training. Transformation of modules into an online format to be available throughout the State of Hawaii.	1	10,000
QUEEN'S HOSPITAL MEDICAL CENTER	Elizabeth Tam	Department of Medicine	Reimbursement Agreement Fiscal Year 2013 - Agreement No. SF13-QELC-MED	Agreement to provide medical education to students and residents in a clinical setting.	1	649,659

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HAUOLI MAU LOA FOUNDATION	David Duffy	Department of Botany	The Coordinating Group on Alien Pest Species (CGAPS)	Coordinate cooperation between various partners to close gaps in invasive species control.	1	208,191
OLELO	David Lassner	Office of the VP for Information Tech/Chief Info Officer	Hawaii Educational Networking Consortium (HENC)	To provide oversight of the two educational access cable television channels (channel 55 and 56) provided for accredited education of Oahu.	1	40,000
OLELO	Hae Okimoto	Office of the VP for Information Tech/Chief Info Officer	University of Hawaii - Supplemental Projects 2010	Produce course and programs for public access channel, Oceanic 55.	1	617,433

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
PAC RESOURCES FOR ED & LEARNING (PREL)	Malia Rivera	Hawaii Institute of Marine Biology (HIMB)	Identifying Topics from the Hawaii Institute of Marine Biology Education Program that align with PCEP-II Climate Education Framework for Grades 9-12	Document and disseminate the strengths of the Hawaii Institute of Marine Biology program in which K-12 schools, colleges and local partners are working together to enhance student learning about climate science and adaptation.	1	30,701
Pacific Island Health Officers Association	Kristine Ann Qureshi	School of Nursing and Dental Hygiene	Quality Assurance Capacity Building in Palau	<p>The Palau MOH is currently updating its standard operating procedures (SOPs) throughout its units, and building a QA-QI program to support these. External technical assistance is needed at this point to standardize the format of unit SOPs, assist unit supervisors who have been unable to finalize their SOPs, and "kick start" the QA-QI program. The CONTRACTOR will accomplish the following tasks which will result in the deliverable itemized below: TASKS: 1. Review existing SOPs, MOH QI Committee records, QA-QI program plans, and previous QA-QI related consultation reports; 2. Obtain input from MOH department heads, including the Director of Public Health and the Director of Hospital and Clinical Services, to identify gaps in SOPs, current QA-QI program, and staff QA-QI knowledge and skills; 3. Define guidelines for developing SOPs, incorporate these guidelines into the QA-QI program plan, and train department heads to apply these guidelines; 4. Define guidelines for editing/changing SOPs, incorporate these guidelines into the QA-QI program plan, and train department heads to apply these guidelines; 5. Work with department heads to complete the final drafting of unit SOPs, and to assemble these into a composite Palau MOH Standards/Operations Manual; and 6. Assist the MOH QA-QI Officer to revise the MOH QA-QI program plan so that it fits with and supports the protocols and policies in the Palau MOH Standards/Operations Manual. DELIVERABLE: 1. An interim project report submitted by.</p>	1	4,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Synergistic Hawaii Agriculture Council	David Duffy	Department of Botany	Clearing of Coffee Trees on Abandoned Farms	Removal of feral coffee trees from abandoned farms and treating stumps of cut trees to help deter regrowth.	1	32,240
UNIVERSITY HAWAII FOUNDATION	Donald B Young	College of Education	Creating Leaders for the 21st Century	Screen and select participants, provide stipends and training, as well as set up and monitor inter and external relationship experiences with established leaders in education, business, or non-profit organizations. Training will be provided through a three credit graduate course in critical reflection in educational administration.	1	8,859
UNIVERSITY HAWAII FOUNDATION	Gary Rodwell	Undergraduate Education	STAR: Using Technology to Enhance the Academic Journey	The project has two phases; 1) The expansion of STAR to help with forecasting course demand, student planning, and intelligent registration communications to keep students on track, thus decreasing time and additional credits to graduation; 2) Expanding STAR as an open-source tool to be used across states and regions as a long-term goal.	1	8,263
UNIVERSITY HAWAII FOUNDATION	Helen J Baroni	Religion (KCC)	Yehan Numata Chair	To support the teaching and research activities of an internationally-recognized Buddhist Studies scholar.	1	56,600
UNIVERSITY HAWAII FOUNDATION	Laurence James Paxton	Music (UH Manoa)	Nancy Gustafsson-Rittenband & Victor Rittenband Endowment for Hawaiian Music	Funding for lecturer salaries and fringe to teach Hawaiian Music.	1	6,811

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
CORE Science Solutions, LLC	Jonathan Karl Cho	Clinical Sciences	A Phase II/III, Multi-Center, Randomized, Controlled Study to Compare the Efficacy and Safety of Gemcitabine Alone vs. ON 01910.Na Combined with...	Multi-site, phase II/III study for chemotherapy-naive, advanced pancreatic cancer patients, randomized to Arm A (study drug+gemcitabine) or Arm B (gemcitabine only), to compare overall survival.	1	4,500
Liquid Robotics, Inc.	Alexander N Shor	School of Ocean and Earth Science and Technology	Recovery of Two Wave Gliders using R/V Kilo Moana	Proposal to recover an autonomous vehicle with R/V Kilo Moana	1	80,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
RK CONSULTING	Mark Hoffman	Science, Technology, Engineering and Mathematics Department	Rob Knourek MALT Internship	Training in the development of database applications for the internet.	1	20,000
SCIENCE APPLICATIONS INTERNATIONAL CORP	Cathy Wiltse	Hawaii Small Business Development Center	SAIC - Mentor Protege with International Underwater Explorations	The purpose of the SAIC-IUE Mentor Protege Program is to provide developmental assistance to support both organizations. This vision has been agreed upon by program staff, mentors and proteges which is the underlying foundation that guides the work of the program.	1	15,000

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Kaiser Permanente Community Benefit	Joyce TU Yamada	Dental Assisting (UH Maui College)	UHMC Dental Assisting Baby Dental Project 2012-2013	The objective of Baby Dental Packet Project is to assemble and have packets available for every baby born at Maui Memorial Medical Center, interested pediatrics and community health offices on Maui, and at UHMC student maternal visits at one and two months post birth. This program hopes to educate and provide access to oral health information to every socioeconomic group to improve oral care and reduce tooth decay rates. We anticipate that increased dental knowledge will affect long term effects to an entire generation of children on Maui.	1	13,524
MAYO CLINIC ROCHESTER	William Loui	Clinical Sciences	NCCTG Junior-Faculty Academic Community Partnership Grant for Shane Morita, MD	This grant will provide protected participation time for Dr. Shane Morita for Year 1 (and Yrs 2 & #3 if satisfactory progress reports) to conduct community-based research on ethnic differences of melanoma at Queen's Medical Center under the mentorship of Mayo Clinic oncologist Svetomir Markovic, MD, PhD.	1	109,000

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ASSOCIATION UNIVERSITIES RESEARCH	Michael Maberry	Institute for Astronomy	Conservation District Use Permit for the Proposed Advanced Technology Solar	All funding provided by the Association of Universities for Research in Astronomy, on	1	200,000

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
IN ASTRONOMY, INC.			Telescope	behalf of the National Solar Observatory shall be used to provide legal representation for the University of Hawaii throughout the Conservation District Use Permitting process, and any subsequent legal challenges.		
Dreyfus Health Foundation	Alice Tse	School of Nursing and Dental Hygiene	Pacific PIN/DHF Evaluation	The purpose of this AGREEMENT between the DREYFUS HEALTH FOUNDATION ("DHF") a division of THE ROGOSIN INSTITUTE and the UNIVERSITY OF HAWAII ("UH"), on behalf of its School of Nursing and Dental Hygiene ("SONDH"), is to specify the roles and responsibilities of DHF and UH with respect to the Dreyfus Health Foundation contract for evaluation services under the Partners Investing in Nursing's Future (PIN) grant program administered by DHF.	1	6,000
Oregon Campus Compact	Atina Pascua	Service Learning	MLK Day of Service Collegiate Challenge 2013	There are three projects that are a part of our overall MLK Service Project. First, is the 25th Annual MLK Parade and Unity Rally, where students will help organize parade participants. Second, is the Hawaiian Islands Humpback Whale National Marine Sanctuary Ocean Count Project, where students will participate in a whale monitoring/count on O'ahu and Kaua'i. Third, a food drive will be held to benefit the Hawaii Foodbank.	1	1,000
Walmart Foundation	Michael Pecsok	Chancellor, Leeward Community College	Leeward CC Library Program (Catalog archive project)	These funds are going to be used to scan and archive the Leeward CC catalogs from 1968 on.	1	1,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Joseph Edmond Ciotti	Chancellor, Windward Community College	USLI 2013: Design, Development and Launch of a Reusable Rocket and Science Payload Statement of Work	NASA Shared Services Center (NSSC) is awarding \$2,780 to Windward Community College (WCC) for its participation in the 2013 University Student Launch Initiative (USLI) to be held at NASA Marshall Space Flight Center (MSFC) in Huntsville, Alabama in April 2013	1	2,780

National Science Foundation

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

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Ilia Roussev	Institute for Astronomy	SHINE Workshop Coordination for the Period during January 1, 2010 to December 31, 2014	We propose to coordinate the annual Solar Heliospheric and Interplanetary Environment (SHINE) workshop for the next five years. SHINE is an affiliation of researchers within the solar, interplanetary, and heliospheric communities dedicated to understanding magnetic fields and particles produced by the Sun	1	160,224
NATIONAL SCIENCE FOUNDATION	Lennox Cowie	Institute for Astronomy	NSF Fellowship Regina Jorgenson Probing the Gas that Fuels Star Formation in Typical High Redshift Galaxies - Institutional Allowance	Institutional allowance of \$3,000.00/year provided by NSF	1	3,000
NATIONAL SCIENCE FOUNDATION	Mark Martindale	Pacific Biosciences Research Center	FSML: Pacific Ocean Marine Lab Technology and Research Space Optimization	Improving infrastructure at the Kewalo Marine Laboratory	1	277,003
NATIONAL SCIENCE FOUNDATION	Michael Liu	Institute for Astronomy	NSF Fellowship Jessica Lu Star Formation in the Extreme Environments of Massive Star Clusters Institutional Allowance	Institutional allowance of \$3,000.00/year provided by NSF	1	3,000

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
RUTGERS, STATE UNIVERSITY OF NEW JERSEY	Kenneth Morris	Pharmaceutical Sciences	UHH Outreach Partner Proposal for the NSF-ERC-SOPS		1	30,000
WYOMING, UNIVERSITY OF	Theodore Radovich	Tropical Plant and Soil Science	SARE Professional Development Program Plan for Hawaii	This project funds outreach activities to educate agricultural professionals on sustainable agricultural practices.	1	15,000
Non-Research - Total					42	7,120,333
Overall - Total					88	19,860,546

Funds Received from UH Foundation for Dec 1, 2012 to Dec 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	Donald B Young	College of Education	Creating Leaders for the 21st Century	Screen and select participants, provide stipends and training, as well as set up and monitor inter and external relationship experiences with established leaders in education, business, or non-profit organizations. Training will be provided through a three credit graduate course in critical reflection in educational administration.	1	8,859
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	6,811
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Gary Rodwell	Undergraduate Education	STAR: Using Technology to Enhance the Academic Journey	The project has two phases; 1) The expansion of STAR to help with forecasting course demand, student planning, and intelligent registration communications to keep students on track, thus decreasing time and additional credits to graduation; 2) Expanding STAR as an open-source tool to be used across states and regions as a long-term goal.	1	8,263
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Helen J Baroni	Religion (KCC)	Yehan Numata Chair	To support the teaching and research activities of an internationally-recognized Buddhist Studies scholar.	1	56,600
Overall - Total						4	80,533

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

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	3	455,947	4%
DOC-Dept of Commerce	1	779,000	6%
DOD-Department of Defense	6	4,124,664	32%
DOE-Dept of Energy	1	400,000	3%
DOI-Dept of Interior	3	411,696	3%
Federal Agencies	2	2,145,000	17%
Foreign	5	1,094,057	9%
Hawaii- Government Agencies	6	1,099,261	9%
Mainland- Business and Other	6	186,556	1%
Mainland- Health Organizations	2	20,075	0%
Mainland- Non-Profit Organizations	1	12,000	0%
National Aeronautics and Space Administration	2	361,806	3%
National Science Foundation	1	122,035	1%
US Colleges and Universities	7	1,528,116	12%
Overall - Total	46	12,740,213	100%

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

Sponsor Type	Award Count	Award Amount	Percentage
DHHS-Dept of Health and Human Services	1	1,011,767	14%
DOD-Department of Defense	2	185,216	3%
ED-Dept of Education	1	300,000	4%
Federal Agencies	1	150,000	2%
Foreign	4	2,332,463	33%
Hawaii- Business and Other	1	297,644	4%
Hawaii- Dept of Education	1	45,000	1%
Hawaii- Government Agencies	2	184,455	3%
Hawaii- Health Organizations	2	659,659	9%
Hawaii- Non-Profit Organizations	10	1,013,098	14%
Mainland- Business and Other	4	119,500	2%
Mainland- Health Organizations	2	122,524	2%
Mainland- Non-Profit Organizations	4	208,000	3%
National Aeronautics and Space Administration	1	2,780	0%
National Science Foundation	4	443,227	6%
US Colleges and Universities	2	45,000	1%
Overall - Total	42	7,120,333	100%

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

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	22	2,480,502	2%
Dept of State	1	1,222,050	1%
DHHS-Dept of Health and Human Services	50	31,598,075	25%
DOC-Dept of Commerce	50	16,234,172	13%
DOD-Department of Defense	40	16,260,200	13%
DOE-Dept of Energy	6	4,821,014	4%
DOI-Dept of Interior	41	4,597,539	4%
ED-Dept of Education	4	1,348,081	1%
Federal Agencies	4	2,508,398	2%
Foreign	15	2,248,471	2%
Hawaii- Business and Other	16	1,049,750	1%
Hawaii- Government Agencies	64	11,543,138	9%
Hawaii- Health Organizations	5	797,933	1%
Hawaii- Non-Profit Organizations	28	2,747,966	2%
Mainland- Business and Other	35	2,454,160	2%
Mainland- Health Organizations	7	484,144	0%
Mainland- Non-Profit Organizations	13	918,094	1%
National Aeronautics and Space Administration	31	6,542,646	5%
National Science Foundation	47	12,277,010	10%
US Colleges and Universities	53	6,440,979	5%
Overall - Total	532	128,574,322	100%

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

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	14	2,713,736	2%
DHHS-Dept of Health and Human Services	23	10,987,474	9%
DOC-Dept of Commerce	10	3,226,362	3%
DOD-Department of Defense	8	2,029,284	2%
DOI-Dept of Interior	9	255,833	0%
DOT-Dept of Transportation	1	124,784	0%
ED-Dept of Education	57	26,262,018	21%
Federal Agencies	12	15,829,743	13%
Foreign	20	5,447,575	4%
Hawaii- Business and Other	15	1,551,506	1%
Hawaii- Dept of Education	3	3,460,612	3%
Hawaii- Government Agencies	87	15,459,266	12%
Hawaii- Health Organizations	34	12,192,602	10%
Hawaii- Non-Profit Organizations	67	3,845,513	3%
Mainland- Business and Other	20	906,896	1%
Mainland- Health Organizations	3	141,274	0%
Mainland- Non-Profit Organizations	15	3,994,239	3%
National Aeronautics and Space Administration	5	1,351,628	1%
National Science Foundation	24	12,144,717	10%
US Colleges and Universities	19	2,417,728	2%
Overall - Total	446	124,342,790	100%