

## Gifts, Grants, and Contracts for December 2010

The following gifts, grants and contracts received by all campuses during the period December 1, 2010 through December 31, 2010 total \$21,744,787. The unofficial FY 2011 year-to-date total is: \$330,306,207.

### Research

#### DA-Dept of Agriculture

Agriculture, Dept - FED \$165,036  
Development of Virus Resistant Plants  
Shintaku, Michael H College of Agriculture, Forestry-UHH

Agriculture, Dept - FED \$240,478  
Collaborative Effort: Aquaculture and Livestock  
Steiner, William College of Agriculture, Forestry-UHH  
Examine the feasibility of developing specific goat breeds and hybrid Australian Milling Zebu cattle (Phase I)

Agriculture, Dept - FED \$119,100  
Research on Transgenic Papaya to be Exported to Japan and Characterization and Preservation of Hawaiian Taro Cultivars  
Steiner, William College of Agriculture, Forestry-UHH  
Assess the impact labelling and marketing strategies deployed by HPIA (Hawaii Papaya Industry Assn) on the commercialization of the transgenic papaya in Japan and further characterize the native Hawaiian taro cultivars using molecular markers, and to develop genetic maps of 6 Hawaiian taro varieties and 2 ex-Hawaii strains.

Agriculture, Dept - FED \$68,431  
Research on Transgenic Papaya to be Exported to Japan and Characterization and Preservation of Hawaiian Taro Cultivars  
Steiner, William College of Agriculture, Forestry-UHH  
Assess the impact labelling and marketing strategies deployed by HPIA (Hawaii Papaya Industry Assn) on the commercialization of the transgenic papaya in Japan and further characterize the native Hawaiian taro cultivars using molecular markers, and to develop genetic maps of 6 Hawaiian taro varieties and 2 ex-Hawaii strains.

Agriculture, Dept - Natl Institute of Food and Agriculture \$67,000  
Evaluating Non-GMO Resistance to Papaya Ringspot Virus  
Manshardt, Richard M Department of Tropical Plant and Soil Sciences  
A new non-GMO source of genetic resistance to papaya ringspot virus (PRSV), derived from a wild relative of papaya, will be evaluated for utility in protecting papaya plants in Hawaii against local strains of PRSV. The program will include breeding to move resistant genes from the unimproved source to Hawaii cultivars.

#### DOD-Department of Defense

Defense, Dept - Air Force \$100,000  
Operations and Management of the Maui Supercomputing Center  
Lassner, David K Information Technology Services  
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.

Defense, Dept - Air Force \$294,000  
Operations and Management of the Maui High Performance Computing Center  
Lassner, David K Information Technology Services  
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.

# Gifts, Grants, and Contracts for December 2010

## Research

### DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch \$133,564

Untangling the Energetics and Dynamics of Elementary Atomic Boron Reactions

Kaiser, Ralf Ingo Department of Chemistry

To find out how atomic boron react with molecules relevant to combustion and CVD processes.

Defense, Dept - Dep Under Secy of Defense \$5,910,189

Managing Partner of Pacific Disaster Center

Gaines, James R Vice President for Research

This Cooperative Agreement provides for the transfer of Federal funds for the evolvement of the Pacific Disaster Center into a public-private partnership benefiting from shared responsibilities and assistance from the Department of Defense and the Managing Partner (recipient) with its internal management, administration, and development of concepts as proposed by the Recipient on August 17, 2009 in response to Funding Announcement HQ0034-09-RFCA-3001 and accepted by the Government.

Defense, Dept - Office of Naval Research \$180,000

Miniaturized Retrodirective Arrays for a Nanosatellite Platform

Shiroma, Wayne Akira Hawaii Space Flight Laboratory

Design and prototype of a miniaturized self-steering antenna array for reconnaissance, remote-sensing, and communications-on-the-move applications.

### DOE-Dept of Energy

Energy, Dept - FED \$144,000

Research in High Energy Physics: Technical Progress Report & FY08 Budget Request

Browder, Thomas E Department of Physics and Astronomy

Primary purpose of this research is the understanding of the properties of the elementary constituents of matter and the nature of the fundamental forces between them.

Energy, Dept - FED \$1,456,000

Research in High Energy Physics: Technical Progress Report and FY2010-2012 Budget Request

Browder, Thomas E Department of Physics and Astronomy

Primary purpose of this research is the understanding of the properties of the elementary constituents of matter and the nature of the fundamental forces between them.

### Foreign

Academy of Korean Studies \$1,240,960

The Earliest Peopling of the Korean Peninsula: Current Multidisciplinary Perspectives

Bae, Christopher Department of Anthropology

Paleoanthropological field and laboratory research to be conducted in Korea in Order to address a series of questions related to the nature and timing of the peopling of the Korean Peninsula, particularly in the broader eastern Asian setting.

Max-Planck-Gesellschaft \$270,010

Max Planck Institute for Astrophysics Share of Collaborative Research with SNIFS and the University of Hawaii 2.2 Meter Telescope

Aspin, Colin Institute for Astronomy

To continue collaboration with the Nearby Supernova Factory in providing telescope time for the SNIFS instrument and recognize the involvement of a new partner, Max Planck Institute for Astrophysics.

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## Research

### Foreign

Total Foundation, The \$63,478  
Indonesian Gene Flow and Implications for Potential Marine Conservation Strategies  
Karl, Stephen Anthony Hawaii Institute of Marine Biology  
Genotype invertebrates collected from throughout Indonesia to determine population differences.

U.S. - Israel Binational Science Fdn \$8,050  
Collaborative Research: Phylogeny of the Octocorals (phylum Cnidaria), Family Xenidae: Application of Molecular and Morphology Based Approaches  
Toonen, Robert J Hawaii Institute of Marine Biology  
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.

### Hawaii- Business and Other

Guide Star Engineering, LLC \$100,740  
High Isolation Diplexer Design for Mobile Communications and Navigation  
Iskander, Magdy F. Hawaii Center for Advanced Communications  
Design and development of a high power diplexer for frequency domain multiplexing/demultiplexing of RF signals

Protekai, Inc. \$65,000  
Sequencing the Physalia Fluorescent Protein Gene Phase I  
Yanagihara, Angel A Pacific Biosciences Research Center  
Determine the full nucleotide coding sequence for the far red emitting Physalia fluorescent protein to enable expression cloning.

### Hawaii- Government Agencies

County of Hawaii \$20,000  
Kapulena Outreach and Training Project  
Steiner, William College of Agriculture, Forestry-UHH  
Strengthen farming communities along the Hamakua Coast, especially those with beginning or young farmers that will compromise the economic future of the Hamakua Coast and the Big Island.

Health, Dept - Executive Office on Aging-HI \$62,000  
Healthy Aging Project - Empowering Elders (HAPEE) Evaluation Years 5-6  
Braun, Kathryn L Department of Public Health Sciences and Epidemiology  
To evaluate processes and outcomes of the healthy aging programs offered by Hawaii eldercare providers.

# Gifts, Grants, and Contracts for December 2010

## Research

### Hawaii- Government Agencies

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$60,000
<u>Kaua`i Nene Population Management</u>	
Duffy, David C	Department of Botany
Development , implement, and evaluate translocation techniques for nene goose populations from sites where they are in conflict with humans to more suitable habitats.	
Land & Natural Res, Dept - HI	\$80,000
<u>Detection and Control of Invasive Species on Oahu FY11</u>	
Duffy, David C	Department of Botany
Develop and implement a strategy to control and prevent invasive species on Oahu.	
Land & Natural Res, Dept - HI	\$77,500
<u>Maui District Endangered Species Research</u>	
Duffy, David C	Department of Botany
Research and monitor endangered seabirds on Maui, Molokai, and Lanai in conjunction with statewide, multi-agency seabird recovery research, planning, and management.	
Transportation, Dept - HI	\$15,000
<u>Establishing Native Hawaiian Plants for Ground Cover Protection on Hawaii's Roadways -(Hydromulching, Weed Control and Subsurface Irrigation)</u>	
DeFrank, Joseph	Department of Tropical Plant and Soil Sciences
The scope of this project will be to develop site preparation protocols that will provide for rapid soil cover, maximize the efficiency of weed control efforts and increase the success of hydromulching establishment efforts. These protocols will be developed into written manuals as well as narrated slide shows suitable as streaming media for web based distribution.	

### Hawaii- Health Organizations

Hawaii Medical Service Association Fdn	\$100,000
<u>Hawaii Partners in Nursing: Addressing Recruitment and Retention Issues in Long Term Care</u>	
LeVasseur, Sandra	Department of Nursing
The purpose of the study is to address nursing recruitment and retention issues in long term care.	
Kapiolani Medical Center	\$339,368
<u>Cooperative Research Agreement between Kapiolani Medical Center for Women &amp; Children and University of Hawaii Cancer Research Center of Hawaii</u>	
Wilkinson, Robert W	UH Cancer Center
Clinical Research Associate screens all patients, determines eligibility, assists with consent process, registers patients on study, performs study data / specimens collection for submission to the Children's Oncology Group (COG). Other staff personnel prepares all regulatory paperwork required for the group between Cancer Center, institutional review board and COG.	

## Gifts, Grants, and Contracts for December 2010

### Research

#### Hawaii- Non-Profit Organizations

Angus (Myra W & Jean Kent) Foundation	\$47,000
<u>A Novel Model for Erasure of Traumatic Memories: Implications for Prevention of Post-Traumatic Stress Disorder"</u>	
Todorovic, Cedomir	Department of Cell and Molecular Biology
Investigate the role of the cJun-terminal kinase in retrieval of contextual fear. The project will provide evidence that, not extinction of the fear response, but erasure of original traumatic memories provides the most promising mechanism for pharmacological and genetic interventions to counter PTSD.	
Consuelo Zobel Alger Foundation	\$16,000
<u>Consuelo Foundation Program Evaluation</u>	
Morelli, Paula T	School of Social Work
The study will evaluate six program models with a focus on examining engagement and retention of families in treatment.	
Hawaii Community Foundation (HCF)	\$47,372
<u>In Vivo Efficacy of Novel Proteasome Inhibitors in Neuroblastoma</u>	
Bachmann, Andre	College of Pharmacy-UHH
Proteasome inhibitors are promising new anti-cancer drugs. Evaluate the effect of a new proteasome inhibitor drug class called sybactins in neuroblastoma cancer cell cultures and animal models that develop tumors.	
Oceanic Institute - Ctr for Tropical & Subtrpcl Aquaculture (CTSA)	\$34,012
<u>Adapting Aquaponics Systems for Use in the Pacific Islands</u>	
Kobayashi, Kent D	Department of Tropical Plant and Soil Sciences
Aquaponics is the co-culture of fish and plants. This project will focus on the finalization of a low capital, simple to operate, maintenance free aquaponics system developed at the University of Hawaii at Manoa (UHM). Extension to interested end users in the American Pacific and in Hawaii will then be conducted.	
Oceanic Institute - Ctr for Tropical & Subtrpcl Aquaculture (CTSA)	\$25,106
<u>Alternative Methods for Marine Copepod Production in Hawaii, Year 1 and 2</u>	
Tamaru, Clyde S	Sea Grant College Program
Research is designed to determine feasibility of utilizing artificial sea water and alternative feed sources to raise copepods for use in marine hatchery operations.	
Tri-Isle Resource Conservation & Dev Council	\$124,053
<u>East Maui Watershed Protection: Waikamoi Preserve</u>	
Morden, Clifford W	Department of Botany
Conduct applied conservation research and management to protect the native forests of Waikamoi Preserve in east Maui.	
University of Hawaii Foundation	\$40,488
<u>Development of Neuroblastoma Therapeutics by Optimization of Polyamine Inhibitor Strategy</u>	
Bachmann, Andre	College of Pharmacy-UHH
Support to accelerate the application of basic cancer research to the clinical setting of the PI	

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### Research

#### Mainland- Business and Other

Adama Materials, Inc.	\$584,189
<u>Nanotechnology Initiatives in Composites and Energy (NICE) - Phase I</u>	
Ghasemi Nejhad, Mehrdad N	Department of Mechanical Engineering
We will development high-performance nanomaterials, nanostructures, nanoresins, nanoforests, and nanocomposites for structural composites and renewable energy applications.	
HDRRe2M	\$14,818
<u>Support of HDRRe2M Rimpac Naval Exercise</u>	
Au, Whitlow W L	Hawaii Institute of Marine Biology
Support HDRRe2M marine mammal monitoring effort during the naval RIMPAC exercise.	
Jet Propulsion Lab	\$14,106
<u>The Great Observatories Origins Deep Survey: Imaging with Herschel</u>	
Morrison, Glenn	Institute for Astronomy
Participate as Co-I on a team of investigators to analyze, interpret and publish data obtained from the Herschel Space Observatory Cycle-0 for the Great Observatories Origins Deep Survey project. If approved, funding will be awarded via a sub-award issued directly to the University of Hawaii.	
National Renewable Energy Lab	\$85,500
<u>System Contaminant Testing and Analysis for Proton Exchange Membrane Fuel Cells</u>	
St-Pierre, Jean	Hawaii Natural Energy Institute
Testing and analysis to examine system contaminants affecting catalyst kinetics and membrane/ionomer conductivity.	
Ocean Acoustical Services & Instrumentation Systems, Inc	\$150,000
<u>Simultaneously Improving Glider Position Estimates and Ocean State Forecasts</u>	
Howe, Bruce M	Department of Ocean and Resources Engineering
To provide technical services and perform field demonstrations using seaglider technology	
Space Telescope Science Institute	\$10,326
<u>Evolution in the Size-Luminosity Relation of HII Regions in Gravitationally-Lensed Galaxies</u>	
Ebeling, Harald	Institute for Astronomy
The gravitational magnification of distant galaxies by foreground clusters have enabled the first measurement of the size-luminosity relation for HII regions at redshift $z \sim 2-5$ . This evolutionary trend has been interpreted as possible evidence for a different model of star formation in the early universe.	
Suganit Systems Inc	\$40,000
<u>Pretreatment of Biomass for Enzymatic Hydrolysis</u>	
Cooney, Michael J	Hawaii Natural Energy Institute
To study the ability of a co-solvent system comprised of a hydrophilic IL and polar covalent molecule to both extract and auto partition lipids from various biomass sources as well as to extract protein into the solvent	

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### Mainland- Non-Profit Organizations

Alex's Lemonade Stand \$40,000

DFMO-Based Combination Therapy for Advanced Stage Neuroblastoma

Koomoa, Dana-Lynn Chancellor, University of Hawaii at Hilo-UHH

Neuroblastoma is an extra-cranial pediatric cancer. The aggressive, advanced stage Neuroblastomas are often associated with MTCN gene amplification. Current treatment strategies are ineffective at curing or slowing the progression of advanced stage Neuroblastomas. DFMO in combination with LY294002 may be an effective treatment strategy for advanced Neuroblastoma.

TRUE Research Foundation \$109,440

Services Agreement for Auditory and Vestibular Effects in the Warfighter Associated with Blast-Induced Traumatic Brain Injury

Birkmire-Peters, Deborah John A. Burns School of Medicine

Dr. Birkmire-Peters will serve as an Associate Investigator on the study to evaluate and characterize the vestibular, auditory, and oculomotor sequelae to blast exposure in patients diagnosed with traumatic brain injury (TBI).

### National Aeronautics and Space Administration

National Aeronautics & Space Administration \$82,000

Support Services, Maintenance and Calibration of the TLRs-4 System

Kuhn, Jeffrey R. Institute for Astronomy

To continue the history of Haleakala as one of two fixed, well-defined geometric reference points in NASA's tectonic motion data solution.

National Aeronautics & Space Administration \$126,666

Investigation of Tropical Cyclone Intensity Change and Genesis with EOS Observations and Cloud-Resolving HWRF Model

Wang, Bin Department of Meteorology

Use diverse global NASA Satellite observation and high-resolution numerical model to study tropical cyclone intensity change and genesis mechanism.

### National Science Foundation

National Science Foundation \$186,554

CAREER: Bridging Modern Computational Capabilities and Observations of Solar Magnetic Fields with Expanding Solar Physics Education at the University of Hawaii

Roussev, Ilia I Institute for Astronomy

Supplemental funding request is to support graduate assistant travel to attend the 2009 SHINE conference in Nova Scotia, Canada.

National Science Foundation \$69,151

Collaborative Research: Characterizing Fault Zones at Kilauea and Mauna Loa Volcanoes by Large-Scale Mapping of Earthquake Stress Drops and High Precision Relocations

Wolfe, Cecily Jo Hawaii Institute of Geophysics and Planetology

Collaborate with Peter Shearer at Scripps Institute of Oceanography and Paul Okubo at Hawaiian Volcano Observatory on earthquake science.

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## Research

### National Science Foundation

National Science Foundation \$140,496

NSWP: Tomographic Reconstruction of the 3-D Coronal Magnetic Field from Space- and Ground-Based Intensity and Polarimetry Data

Lin, Haosheng Institute for Astronomy

A direct observational study of the 3-D magnetic field structure of the solar corona with the development of scalar and vector tomography tools for the reconstruction of the 3-D coronal magnetic field structure.

National Science Foundation \$2,966

CAREER: Bridging Modern Computational Capabilities and Observations of Solar Magnetic Fields with Expanding Solar Physics Education at the University of Hawaii

Roussev, Iliia I Institute for Astronomy

We propose to combine recent theories and modern computational capabilities with advanced magnetic observations at the Sun's visible surface to improve present knowledge of coronal magnetic fields in coordination with existing observational solar research.

### US Colleges and Universities

California Institute of Technology \$18,986

NEOWISE Part II - Pan-STARRS MOPS Consulting Proposal: Consulting Support for MOPS Software Integration into WSDS

Jedicke, Robert Institute for Astronomy

The MOPS software engineer and manager will each provide consulting services on MOPS operations to the Infrared Processing and Analysis Center and Johns Hopkins University development teams.

California Santa Cruz, University of \$105,000

MRI: Developments for a Novel Pixel Tracking Layer for the ATLAS Detector

Parker, Sherwood I Department of Physics and Astronomy

Continued effort of the novel pixel device during the completion of R&D and detector fabrication for ATLAS.

Mississippi, University of \$440,526

Remote Infrasonic Monitoring of Natural Hazards (RIM)

Garces, Milton A Hawaii Institute of Geophysics and Planetology

Develop infrasound technology to support NOAA monitoring in the US for severe weather, high surf, and tsunamis.

Oregon State University \$192,403

Human Health/Aquaculture: BMP

Haws, Maria C. Pacific Aquaculture-UHH

Oregon State University \$64,590

EAGER: Building Networks and Study Systems to Advance Research on the Biology of Pacific Corals

Gates, Ruth D Hawaii Institute of Marine Biology

The project focuses on understanding the basic biology of corals, to ultimately develop strategies that could help corals adjust to and survive an era of climate change. The work is a research, education and cultural exchange between Oregon State University, Vassar College, UH and NMMBA, Taiwan and mainland China.



# Gifts, Grants, and Contracts for December 2010

## Research

### US Colleges and Universities

Rhode Island, University of \$18,939

Advanced Coupled Atmosphere-Wave-Ocean Modeling for Improving Tropical Cyclone Prediction Models

Lukas, Roger B Department of Oceanography

Collaborate with Co-PIs to develop strategies from improved air-sea exchange parameterizations in operational hurricane prediction models.

Utah, University of \$158,891

Novel Inhibitors of Metastasis

Kuwada, Scott Department of Medicine

This research is intended to develop a class of NF-kB inhibitors that will prevent the metastasis (spread) of cancer cells in humans.

**Subcount: 55 Subtotal: \$14,369,482**

## Non-Research

### DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch \$245,000

The Panoramic Survey Telescope and Rapid Response System (Pan-STARRS) Project

Kaiser, Nicholas Institute for Astronomy

Design and construction of the Panoramic Survey Telescope and Rapid Response System (Pan-STARRS)

### DOI-Dept of Interior

Interior, Dept - National Park Service \$15,000

Public History and Records Management at Hawaii Volcanoes National Park

Inglis, Kerri Social Sciences-UHH - Division Office

Establish paid internships for history students at the UHH to work with Park staff to learn principles and standards of records management that focus on archival duties, and to apply the knowledge about this body of evidence to research in public history.

Interior, Dept - National Park Service \$84,000

Historic Preservation Field School 2011-2013, Hawaii Volcanoes National Park

Chapman, William R Department of American Studies

National Parks Service and UH American Studies Historic Preservation Program will collaborate on a 4-week field school that will provide unique educational opportunities for community, staff and students, and will aid the Park in its historic resources inventory.

### ED-Dept of Education

Education, Dept - FED \$250,000

Upward Bound Rural Year 1 07-08

Woods, Leonard Vice Chancellor for Student Affairs-UHH

## Gifts, Grants, and Contracts for December 2010

### Non-Research

#### Federal Agencies

Corporation for National and Community Service \$9,000  
HIPICC VISTA Project

Pascua, Atina T Vice President for Student Affairs

This VISTA proposal will meet the needs of low income communities in Hawaii and the Pacific Island Territories of American Samoa, Guam, and the Commonwealth of the Northern Marianas (CNMI). The VISTA positions will help to develop programs that will help with literacy and economic revitalization.

Veterans Affairs, Dept - FED \$1,617,930

Agreement between The US Department of Veterans Affairs, Pacific Islands Health Care System and the University of Hawaii

Boland, Mary G School of Nursing and Dental Hygiene

University of Hawaii at Manoa, School of Nursing and Dental Hygiene, will provide faculty positions in support of the Bachelor of Science in Nursing program in accordance with the terms of the Veterans Administration Nursing Academy grant and additional faculty positions as determined by both parties of the agreement.

#### Foreign

American Samoa, Govt of \$159,200

American Samoa Newborn Hearing Screening Evaluation

Johnson, Jean Lee Center on Disability Studies

Principal Investigator will be conducting the evaluation on two grants received by the American Samoa Department of Health. Both are federally funded grants to establish a newborn hearing screening program and to implement a tracking system for the identified infants.

Elsevier Science Ltd. \$20,800

International Journal FY 2003

Landis, Dan Psychology-UHH

Federated States of Micronesia \$70,000

Pacific Regional Comprehensive Cancer Control Implementation Program (subcontract from FSM Department of Health & Social Affairs)

Buenconsejo-Lum, Lee Department of Family Medicine and Community Health

Implement the Pacific Regional Comprehensive Cancer Control Program in conjunction with the USAPI jurisdictions; develop a shared cancer resource for use by the jurisdictions; conduct relevant training for health providers; build capacity and policies relevant to cancer control.

#### Hawaii- Business and Other

Kamehameha Schools \$450,000

Kamehameha Advanced Public Health Nursing Program

Qureshi, Kristine School of Nursing and Dental Hygiene

The Kamehameha Advanced Public Health Nursing Program will educate nurses of Native Hawaiian (NH) ancestry to attain a masters degree, and will serve to increase representation of NH nurses with specialty education in advanced public health nursing, and improve health outcomes for the NH population in Hawaii.

## Gifts, Grants, and Contracts for December 2010

### Non-Research

#### Hawaii- Business and Other

Papa Ola Lokahi \$111,471  
Imi Hale Research Administration  
Braun, Kathryn L Department of Public Health Sciences and Epidemiology  
To oversee Imi Hale Cancer Network and to mentor junior researchers.

#### Hawaii- Dept of Education

Education, Dept - HI \$1,120,080  
Creativity Academies  
Pagotto, Louise Chancellor, Kapiolani Community College  
KCC, as a partner with the Governor's Office, DBEDT and DOE will support overall objective of expanding Creative Academies pathways for high school students entering the University system. This includes offering a contextual approach to STEM learning through creative engagement.

Education, Dept - HI \$45,000  
An Evaluation of the Campbell Complex's 21st Century Community Learning Centers' Project in 2010-2011  
Higa, Terry Ann Curriculum Research and Development Group  
The evaluators will study project implementation and outcomes. The evaluators will (a) meet w/ site coordinators to discuss the eval design, methods, and timeline, (b) provide site coordinators w/ data-collection e-forms or hard copies for return on agreed-upon timeline, (c) analyze data, and (d) report findings.

#### Hawaii- Government Agencies

Health, Dept - Child & Adolescent Mntl Hlth Div-HI \$501,880  
Child Residency Training CAMHD Log No. 09-005  
Guerrero, Anthony P Department of Psychiatry  
Provide training and administrative support services to psychiatric residents and fellows for the Department of Health, Child and Adolescent Mental Health Division, as outlined in the scope of the contract.

Health, Dept - HI \$43,000  
Hawaii School Health Surveys  
Saka, Susan M Curriculum Research and Development Group  
In cooperation with the Hawaii School Health Surveys Committee composed of representatives from the Departments of Education and Health and University of Hawaii, coordinate the administration of the health surveys, administer the 2007 Youth Risk Behavior Surveys (YRBS) and Youth Tobacco Surveys, and prepare reports of the YRBS results.

Health, Dept - HI \$24,000  
Kauai Garden and Nutrition & Fitness Program  
Miller, Susan B Center on Disability Studies  
To provide compensation to independent contractors serving as fitness/nutrition peer educators at the Kauai clubhouse, and provide training to the peer educators, and coordinate the fitness & nutrition program with DOH Adult Mental Health Division and Kauai District Health Office.

# Gifts, Grants, and Contracts for December 2010

## Non-Research

### Hawaii- Government Agencies

Human Services, Dept - HI	\$265,707
<u>Child Welfare Training</u>	
Godinet, Meripa T.	School of Social Work
To train social workers, administrators, and social work students to meet key competency areas in child and family social work practice. In addition, to evaluate and research child welfare issues and practice with focus on cultural competence.	
Human Services, Dept - HI	\$516,246
<u>Title IV-E Training Academy</u>	
Godinet, Meripa T.	School of Social Work
To train public child welfare workers and administrators to meet key competency areas in the public child welfare system. In addition, the project will also provide evaluation and assessment on trainings provided by the Title IV-E Training Academy.	
Human Services, Dept - HI	\$500,159
<u>Title IVE: CFS - Distance Education FY10-11</u>	
Stotzer, Rebecca	School of Social Work
Provide Distance Learning training to meet training needs identified in the DHS Five-Year Child and family Services Plan (CFSP).	
Land & Natural Res, Dept - HI	\$68,737
<u>Kaena Point Ecosystem Restoration Project (Kaena Point Natural Area Reserve and Kaena Point State Park, Oahu)</u>	
Duffy, David C	Department of Botany
Protect and manage natural and cultural resources at Kaena Point through resource protection and monitoring, interaction with public, and other activities.	
Land & Natural Res, Dept - HI	\$83,854
<u>Continuation of DLNR Marine Law Fellowship</u>	
Antolini, Denise E	William Richardson School of Law
The Continuation of the DLNR Marine Law Fellowship" will support a one-year extension of a post-JD position at DLNR (DAR-DOCARE), focusing on marine/coral reef protection laws and enforcement, in partnership with the Law School and the Attorney General's Office.	
Public Safety, Dept - HI	\$22,698
<u>PSD Health Care Quality Improvement and Program Evaluation Project</u>	
Uchigakiuchi, Patrick	Social Science Research Institute
Scope of Work: Conducting continuous quality improvement, quality assurance record reviews, audits and special studies in areas of mental health documentation, treatment, discharge planning, and psychiatric medications at the Oahu Community Correctional Center.	

### Hawaii- Health Organizations

Queen's Medical Center	\$50,000
<u>Native Hawaiian Preparatory Pathway to Nurse Training</u>	
Boyd, Jamie A.	Chancellor, Windward Community College
Provide career-focused, culturally-based education in a CNA to LPN to RN Pathway.	

## Gifts, Grants, and Contracts for December 2010

### Non-Research

#### Hawaii- Non-Profit Organizations

Edith Kanaka'Ōi'ole Foundation	\$158,746
<u>Kamakakuoka'aina - Ancestral Knowledge &amp; Land Empowerment.</u>	
Kame'eleihiwa, L	Kamakakuokalani Center for Hawaiian Studies
To improve the capacity of Hawaiians in the decision-making and oversight of lands and resources in Hawaii	
University of Hawaii Foundation	\$67,448
<u>SBS Korean Law Faculty Fund</u>	
Soifer, Aviam	William Richardson School of Law
Fund Spring 2011 semester salary, fringe benefits, and professional development for a faculty member teaching courses & doing research & scholarship in Korean Law.	
University of Hawaii Foundation	\$10,250
<u>Hawaii Family Support Institute</u>	
Mokuau, Noreen K	School of Social Work
To provide support of Hawaii Family Support Institute projects.	
University of Hawaii Foundation	\$4,600
<u>Howard &amp; Yoneko Droste Fund for the UHH Art Department</u>	
Marshall, Michael D	University of Hawaii
Support for Dr. Cathryn Shine's travel and accommodations during her Fellowship at UH Hilo	
University of Hawaii Foundation	\$25,000
<u>Basic Institutional Needs</u>	
Kim, Yung-Hee	Center for Korean Studies
Pay for student hourly wages.	
University of Hawaii Foundation	\$6,000
<u>Rama Watumull Distinguished Indian Scholar</u>	
Das Gupta, Monisha	Center for South Asian Studies
To sponsor the Rama Watumull Distinguished Indian Scholar personnel and travel expenses. Travel amount is for scholar to use to attend a conference while in Hawaii.	

#### Mainland- Business and Other

Novartis Pharmaceuticals Corp	\$10,500
<u>Phase II, Randomized, Double-Blind, Placebo-Controlled Multi-Center Study Comparing Everolimus (RAD001) Plus Best Supportive Care versus Placebo Plus</u>	
Cho, Jonathan	UH Cancer Center
A Phase II clinical trial, sponsored by Novartis Pharmaceuticals, for which IRB reviews were conducted by CHS and the Queen's Medical Center's IRB and start-up costs incurred, as agreed to in the original CTA. Novartis has initiated a revised agreement indicating their willingness to pay for these pass through line items.	

## Gifts, Grants, and Contracts for December 2010

### Non-Research

#### Mainland- Non-Profit Organizations

Abbott Laboratories Fund \$103,750

An Open-label, Randomized Phase 3 Study of the Efficacy and Tolerability of Linifanib (ABT-869) versus Sorafenib in Subjects with Advanced Hepatocell

Cho, Jonathan UH Cancer Center

This is a Phase 3 randomized, clinical trial, sponsored by a collaborative agreement between Abbott Labs and Genentech, comparing the effectiveness of the study drug, Linifanib (ABT-869), versus Sorafenib in subjects with advanced hepatocellular carcinoma (HCC), enrolling approximately 900 subjects at 200 sites worldwide.

Academy for Educational Development \$10,900

Open World Program

Richards, Leon Chancellor, Kapiolani Community College

Kapiolani Community College Honda International Center will provide customized contract training (continuing education English courses) to 6 Kazakh judges and one facilitator.

National Association of Counties Research Foundation \$62,050

Community-Based Restoration of the Waikiki Marine Life Conservation District

Barrett, Jennifer Sea Grant College Program

This 2-year project will initiate reef restoration in the Waikiki Marine Life Conservation District through translocation of native corals grown at the Waikiki Aquarium. Community volunteers will support environmental monitoring efforts, and an outreach component will encourage greater civic engagement in coastal stewardship.

Packard (David & Lucile) Foundation \$200,000

Sustainable Mariculture as a form of Alternative Income Generation for Conservation Communities and Organizations in the Federated States of Micronesia and Republic of Palau

Haws, Maria C. Pacific Aquaculture-UHH

Technical assistance will be provided to sponge and coral farmers in the FSM and ROP

#### National Science Foundation

National Science Foundation \$304,966

LSAMP: Islands of Opportunity

Tseng, Rose Chancellor, University of Hawaii at Hilo-UHH

#### US Colleges and Universities

California Davis, University of \$35,000

Western Integrated Pest Management Center Regional Comments Coordinator for the American-Affiliated Pacific Islands

Kawate, Michael K Department of Plant and Environmental Protection Sciences

To inform stakeholders in the American Pacific about impending pesticide regulatory actions; to solicit stakeholders responses and comments to US EPA and USDA requests for information about pesticide use and impacts of proposed regulatory changes.

Kansas State University \$92,000

Operation: Military Kids

Nakatsuka, Claire M College of Tropical Agriculture and Human Resources

Supplemental funds specifically for camp activities for military families affected by deployment.

# Gifts, Grants, and Contracts for December 2010

## Non-Research

### US Colleges and Universities

Minnesota, University of \$8,333

Workforce Training for the Electric Power Sector

Kuh, Anthony Department of Electrical Engineering

This grant involves working with a consortium of eighty Universities led by the University of Minnesota to develop undergraduate power and energy laboratories. At the University of Hawaii we will develop new power systems and power electronic laboratories.

Notre Dame, University of \$2,000

QuarkNet

Jones, Michael D Department of Physics and Astronomy

This project involves high school teachers using cosmic ray detectors as a way to introduce particle physics concepts in their teaching.

<b>Subcount:</b>	<b>39</b>	<b>Subtotal:</b>	<b>\$7,375,305</b>
<b>Count:</b>	<b><u>94</u></b>	<b>Total:</b>	<b><u>\$21,744,787</u></b>

## Funds Received from UH Foundation for 12/01/2010 - 12/31/2010

### Non-Research

#### Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$6,000

"Rama Watumull Distinguished Indian Scholar"

Das Gupta, Monisha Center for South Asian Studies

To sponsor the Rama Watumull Distinguished Indian Scholar personnel and travel expenses. Travel amount is for scholar to use to attend a conference while in Hawaii.

University of Hawaii Foundation \$25,000

"Basic Institutional Needs"

Kim, Yung-Hee Center for Korean Studies

Pay for student hourly wages.

University of Hawaii Foundation \$4,600

"Howard & Yoneko Droste Fund for the UHH Art Department"

Marshall, Michael D University of Hawaii

Support for Dr. Cathryn Shine's travel and accommodations during her Fellowship at UH Hilo

University of Hawaii Foundation \$10,250

"Hawaii Family Support Institute"

Mokuau, Noreen K School of Social Work

To provide support of Hawaii Family Support Institute projects.

University of Hawaii Foundation \$67,448

"SBS Korean Law Faculty Fund"

Soifer, Aviam William Richardson School of Law

Fund Spring 2011 semester salary, fringe benefits, and professional development for a faculty member teaching courses & doing research & scholarship in Korean Law.

### Research

#### Hawaii- Non-Profit Organizations

University of Hawaii Foundation \$40,488

"Development of Neuroblastoma Therapeutics by Optimization of Polyamine Inhibitor Strategy"

Bachmann, Andre College of Pharmacy-UHH

Support to accelerate the application of basic cancer research to the clinical setting of the PI

**Count:** 6

**Total:** \$153,786



**Extramural Research Awards  
for the Month of  
December 2010  
Distribution by Sponsors**

<b><u>AGENCY-UNIT</u></b>	<b><u>NO. OF AWARDS</u></b>	<b><u>AMOUNT</u></b>	<b><u>PERCENT</u></b>
DA-Dept of Agriculture	5	\$660,045	4.59%
DOD-Department of Defense	5	\$6,617,753	46.05%
DOE-Dept of Energy	2	\$1,600,000	11.13%
Foreign	4	\$1,582,498	11.01%
Hawaii- Business and Other	2	\$165,740	1.15%
Hawaii- Government Agencies	6	\$314,500	2.19%
Hawaii- Health Organizations	2	\$439,368	3.06%
Hawaii- Non-Profit Organizations	7	\$334,031	2.32%
Mainland- Business and Other	7	\$898,939	6.26%
Mainland- Non-Profit Organizations	2	\$149,440	1.04%
National Aeronautics and Space Administration	2	\$208,666	1.45%
National Science Foundation	4	\$399,167	2.78%
US Colleges and Universities	7	\$999,335	6.95%
<b>Total:</b>	<b><u>55</u></b>	<b><u>\$14,369,482</u></b>	<b><u>100%</u></b>

**Extramural Non-Research Awards  
for the Month of  
December 2010  
Distribution by Sponsors**

<b><u>AGENCY-UNIT</u></b>	<b><u>NO. OF AWARDS</u></b>	<b><u>AMOUNT</u></b>	<b><u>PERCENT</u></b>
DOD-Department of Defense	1	\$245,000	3.32%
DOI-Dept of Interior	2	\$99,000	1.34%
ED-Dept of Education	1	\$250,000	3.39%
Federal Agencies	2	\$1,626,930	22.06%
Foreign	3	\$250,000	3.39%
Hawaii- Business and Other	2	\$561,471	7.61%
Hawaii- Dept of Education	2	\$1,165,080	15.80%
Hawaii- Government Agencies	9	\$2,026,281	27.47%
Hawaii- Health Organizations	1	\$50,000	0.68%
Hawaii- Non-Profit Organizations	6	\$272,044	3.69%
Mainland- Business and Other	1	\$10,500	0.14%
Mainland- Non-Profit Organizations	4	\$376,700	5.11%
National Science Foundation	1	\$304,966	4.13%
US Colleges and Universities	4	\$137,333	1.86%
<b>Total:</b>	<b><u>39</u></b>	<b><u>\$7,375,305</u></b>	<b><u>100%</u></b>

**Extramural Research Awards  
Year to Date: 07/01/10 - 12/31/10  
Distribution by Sponsors**

<b><u>AGENCY-UNIT</u></b>	<b><u>NO. OF AWARDS</u></b>	<b><u>AMOUNT</u></b>	<b><u>PERCENT</u></b>
DA-Dept of Agriculture	45	\$6,044,062	3.41%
DHHS-Dept of Health and Human Services	60	\$43,574,519	24.55%
DOC-Dept of Commerce	59	\$25,938,613	14.61%
DOD-Department of Defense	30	\$21,701,183	12.23%
DOE-Dept of Energy	20	\$15,799,873	8.90%
DOI-Dept of Interior	51	\$5,384,088	3.03%
ED-Dept of Education	2	\$866,401	0.49%
Federal Agencies	9	\$4,191,146	2.36%
Foreign	17	\$5,258,255	2.96%
Hawaii- Business and Other	14	\$839,730	0.47%
Hawaii- Government Agencies	61	\$6,758,697	3.81%
Hawaii- Health Organizations	4	\$628,472	0.35%
Hawaii- Non-Profit Organizations	34	\$1,702,210	0.96%
Mainland- Business and Other	26	\$2,954,262	1.66%
Mainland- Health Organizations	9	\$1,139,434	0.64%
Mainland- Non-Profit Organizations	16	\$600,898	0.34%
Miscellaneous	1	\$215,987	0.12%
National Aeronautics and Space Administration	28	\$4,186,812	2.36%
National Science Foundation	67	\$21,829,340	12.30%
US Colleges and Universities	60	\$7,882,459	4.44%
<b>Total:</b>	<b><u>613</u></b>	<b><u>\$177,496,441</u></b>	<b><u>100%</u></b>

Note: YTD amounts include adjustments.

**Extramural Non-Research Awards  
Year to Date: 07/01/10 - 12/31/10  
Distribution by Sponsors**

<b><u>AGENCY-UNIT</u></b>	<b><u>NO. OF AWARDS</u></b>	<b><u>AMOUNT</u></b>	<b><u>PERCENT</u></b>
DA-Dept of Agriculture	11	\$2,717,952	1.78%
DHHS-Dept of Health and Human Services	27	\$7,010,747	4.59%
DOC-Dept of Commerce	21	\$37,610,997	24.61%
DOD-Department of Defense	5	\$768,049	0.50%
DOE-Dept of Energy	1	\$750,000	0.49%
DOI-Dept of Interior	14	\$597,887	0.39%
ED-Dept of Education	74	\$36,785,531	24.07%
Federal Agencies	12	\$8,677,584	5.68%
Foreign	23	\$1,429,452	0.94%
Hawaii- Business and Other	31	\$5,282,534	3.46%
Hawaii- Dept of Education	7	\$1,931,508	1.26%
Hawaii- Government Agencies	66	\$17,745,326	11.61%
Hawaii- Health Organizations	9	\$1,299,233	0.85%
Hawaii- Non-Profit Organizations	56	\$3,961,028	2.59%
Mainland- Business and Other	10	\$672,026	0.44%
Mainland- Health Organizations	1	\$160,000	0.10%
Mainland- Non-Profit Organizations	24	\$2,861,894	1.87%
National Aeronautics and Space Administration	4	\$3,546,164	2.32%
National Science Foundation	32	\$17,794,706	11.65%
US Colleges and Universities	22	\$1,207,148	0.79%
<b>Total:</b>	<b><u>450</u></b>	<b><u>\$152,809,766</u></b>	<b><u>100%</u></b>

Note: YTD amounts include adjustments.