

## Gifts, Grants, and Contracts for October 2010

The following gifts, grants and contracts received by all campuses during the period October 1, 2010 through October 31, 2010 total \$45,260,603. The unofficial year-to-date total is: \$295,101,587.

### Research

#### DA-Dept of Agriculture

Agriculture, Dept - Agricultural Research Svc-FED \$80,000

Support of Ag Research of Mutual Interest 2011

Stahl, Norman Vice Chancellor for Student Affairs-UHH

Support research to be carried out at ARS and UH facilities - research relating to Crop Protection and Quarantine

Agriculture, Dept - FED \$70,000

Quality Evaluation of Irradiated Blueberries and Peaches

Price, Donald Biology-UHH

Evaluations of insect tolerance and fruit quality following exposure to ionizing irradiation and the related roles and responsibilities of the parties

Agriculture, Dept - FED \$50,000

Early Detection of Highly Pathogenic Avian Influenza in Wild Birds

Duffy, David C Department of Botany

Cooperate with APHIS to conduct surveillance of highly pathogenic avian influenza which may be carried by waterfowl, shorebirds, and other wild birds.

#### DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Office of Public Health and Science \$969,936

Pono Choices

Roberts, Kelly D Center on Disability Studies

The proposed project is to develop a new and innovative approach to preventing Hawaii's high teen pregnancy and sexually transmitted diseases by selecting components from evidence-based programs incorporating them into a unique program that meets the needs of the culturally diverse youth population.

Health & Human Svc, Dept/ACF - Adm for Native Amer \$291,149

Ka Olelo OIwi: Hawaiian Oral Language Development Project

Housman, April Ka Haka'Ula O Ke'Elilikani-UHH

Develop the oral language abilities of Hawaiian Language Immersion Program (HLIP) grades K-6 students at 15 schools on 5 islands.

Health & Human Svc, Dept/NIH - Natl Inst of Genl Med Sci \$285,000

RSK2 Regulates Integrin-Mediated Adhesion and Migration

Ramos, Joe William Cancer Research Center

This work is focused on understanding how cell migration and cancer metastasis are controlled by the protein RSK2.

#### DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) \$37,500

SOEST Isotope Laboratory Solicitation Response for the NOAA Statement of Work/Specification for the Radiological Analysis of 226Ra and 210Pb in Fish Otoliths

Rubin, Kenneth H Department of Geology and Geophysics

Provides funds for Dr. Allen Andrews of NOAA to conduct 210Pb and 226Ra analyses in the SOEST Isotope Lab under the PI's supervision.

## Gifts, Grants, and Contracts for October 2010

### Research

#### DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$282,000
<u>NOAA/NESDIS/STAR MOBY Operations Support Cruises</u>	
Schroeder, Thomas A	Joint Institute for Marine and Atmospheric Research
To provide research ship support operations in support of Marine Optical Buoy (MOBY) operations.	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$163,462
<u>Profiling CTD Float Array Implementation and Ocean Climate Research</u>	
Schroeder, Thomas A	Joint Institute for Marine and Atmospheric Research
1) To support the profiling CTD floats through testing, deployment, and management of a subset of these floats. 2) To perform scientific analysis including estimates of ocean heat variability using the float and other data.	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$1,489,789
<u>Enhancement of Data and Research Activities for Climate Studies at the International Pacific Research Center (IPRC)</u>	
Hamilton, Kevin P	Joint Institute for Marine and Atmospheric Research
The project enhances the activities at the Asia-Pacific Data-Research Center (APDRC) within the International Pacific Research Center (IPRC) at the University of Hawaii. Activities include web-based access to a broad range of ocean, atmosphere, and air sea flux and products for climate studies.	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$224,139
<u>Mechanisms of Atmospheric Mercury in Transport and Transformation of the Remote Pacific Marine Free Troposphere Measured in Hawaii</u>	
Schroeder, Thomas A	Joint Institute for Marine and Atmospheric Research
A data set will be assembled that will include the atmospheric measurements currently being conducted at Mauna Loa Observatory and the mercury measurements.	
Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$544,000
<u>HURL Annual Funding (FY 2010)</u>	
Wiltshire, John C	Hawaii Undersea Research Laboratory
This proposal requests FY2010 funding for base operations of the Hawaii Undersea Research Laboratory.	
Commerce, Dept/NOAA - Natl Marine Fisheries Svc	\$516,000
<u>Climate Change and Ecosystem Variability in the North Pacific Ocean and the Dynamics of Marine Resource Populations</u>	
Schroeder, Thomas A	Joint Institute for Marine and Atmospheric Research
Seeks to improve understanding of the linkages between environmental and biological variability on interannual to decadal time scales, and to provide access to an expanded suite of satellite oceanographic data for use in physical, biological, and fisheries oceanography research.	
Commerce, Dept/NOAA - Natl Marine Fisheries Svc	\$65,000
<u>Social and Economic Analysis of Western Pacific Fisheries</u>	
Schroeder, Thomas A	Joint Institute for Marine and Atmospheric Research
To conduct an in-depth, pilot study on the socio-economic effects of fishery management measures (Northwestern Hawaiian Islands fishery closure, annual catch limits, catch shares, etc.) on dealers, wholesalers, restaurants, and retail buyers on the Hawaiian Islands.	

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### Research

#### DOC-Dept of Commerce

Commerce, Dept/NOAA - Natl Weather Service \$218,593  
Pacific ENSO Application Center (PEAC)  
Schroeder, Thomas A Joint Institute for Marine and Atmospheric Research  
Conduct research on experimental climate prediction and impacts of interannual climate variability on the economies, cultures and public health of the U.S.-affiliated Pacific Islands.

#### DOD-Department of Defense

Defense, Dept - Air Force Ofc of Scientific Rsch \$218,688  
Advancing the Surveillance Capabilities of the Air Force's Large-Aperture Telescopes  
Jefferies, Stuart M Institute for Astronomy  
Conduct fundamental research into image restoration methods with the goal of significantly extending the region of performance for ground-based imaging of space-based targets, using the Air Force's 3-meter class telescopes.

Defense, Dept - Army \$207,988  
Raman Spectroscopy Based Technologies in the Biochemical Detection of Prostate Tumor Recurrence  
Sharma, Shiv K Hawaii Institute of Geophysics and Planetology  
Create improved detection of biomarkers for urogenital cancerous tumors used of micro-Raman and Surface-Enhanced Raman Scattering (SERS) spectroscopy as an readout method.

Defense, Dept - Office of Naval Research \$99,998  
Hydrodynamics and Roughness of Irregular Boundaries  
Pawlak, Eugene R. Department of Ocean and Resources Engineering  
The proposed work will involve field observations and analysis of bed roughness over coral reefs along with the associated hydrodynamic response of waves and currents.

Defense, Dept - Office of Naval Research \$3,949,531  
Hawaii Energy and Environmental Technologies (HEET) Initiative, Phase II (FY09)  
Rocheleau, Richard E Hawaii Natural Energy Institute  
Conduct research on development and testing of fuel cells, exploration and characterization of methane hydrates, and testing of emerging alternative energy technologies.

Defense, Dept - Office of Naval Research \$45,000  
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.

Defense, Dept - Office of Naval Research \$11,755  
Collaborative Proposal to Extend ONR YIP Research with BRC Efforts  
Powell, Brian Department of Oceanography  
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.

## Gifts, Grants, and Contracts for October 2010

### Research

#### DOD-Department of Defense

- Defense, Dept - Office of Naval Research \$135,000  
Quasi-Ceramic Silicone Conversion Coating for Corrosion Protection of Aluminum Alloys  
Hihara, Lloyd H Department of Mechanical Engineering  
Quasi-ceramic silicone coatings will be synthesized and examined for corrosion protection of aluminum alloys.
- Defense, Dept - Office of Naval Research \$35,889  
Understanding Predictability of the Ocean  
Powell, Brian Department of Oceanography  
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.
- Defense, Dept - Office of Naval Research \$26,619  
Developing cDNA Libraries of Receptors Involved in the Recruitment of the Biofouling Tubeworm Hydroides elegans  
Hadfield, Michael G Pacific Biosciences Research Center  
This project will develop cDNA libraries for analysis of receptors involved in the recruitment of the biofouling tubeworm Hydroides elegans. We plan to make at least two developmental stage-specific cDNA libraries.
- Defense, Dept - Office of Naval Research \$9,039  
Development of a Combined Raman and LIBS System for Stand-off Detection of Explosive Residues  
Sharma, Shiv K Hawaii Institute of Geophysics and Planetology  
The purpose of this proposal is to develop a combined Raman and LIBS system for a stand-off detection of explosives and residues.
- Defense, Dept - Office of Naval Research \$114,453  
Remote Monitoring of Dolphins and Whales in the High Naval Activity Areas in Hawaiian Waters  
Au, Whitlow W L Hawaii Institute of Marine Biology  
Use remote ecological acoustic recorders (EARs) to determine the presence of dolphins and whale in high naval activity area of the main Hawaiian Islands.
- Defense, Dept - U.S. Army Engineer Rsch & Dev Ctr \$64,951  
Corrosion Control Studies of Aluminum and Aluminum-Composite Interfaces in Diverse Micro-Climates  
Hihara, Lloyd H Department of Mechanical Engineering  
Conduct research in corrosion protection of structural interfaces and atmospheric corrosion protection of aluminum using novel coatings. Studies will be conducted in the laboratory to identify corrosion mechanisms and in the field to determine performance in natural environments.

#### DOE-Dept of Energy

- Energy, Dept - FED \$620,065  
Hawaii Energy Sustainability Program  
Rocheleau, Richard E Hawaii Natural Energy Institute  
The objectives of the Hawaii Energy Sustainability Program are to conduct technical and economic analysis supporting the Hawaii Clean Energy Initiative and to conduct research to develop and validate distributed energy resources (DER) technologies that can contribute to reduced usage of fossil fuels in Hawaii.

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### Research

#### DOE-Dept of Energy

Energy, Dept - FED \$1,524,234

Hawaii Energy Sustainability Program

Rocheleau, Richard E Hawaii Natural Energy Institute

The objectives of the Hawaii Energy Sustainability Program are to conduct technical and economic analysis supporting the Hawaii Clean Energy Initiative and to conduct research to develop and validate distributed energy resources (DER) technologies that can contribute to reduced usage of fossil fuels in Hawaii.

Energy, Dept - FED \$3,855,701

Hawaii Energy Sustainability Program

Rocheleau, Richard E Hawaii Natural Energy Institute

The objectives of the Hawaii Energy Sustainability Program are to conduct technical and economic analysis supporting the Hawaii Clean Energy Initiative and to conduct research to develop and validate distributed energy resources (DER) technologies that can contribute to reduced usage of fossil fuels in Hawaii.

#### DOI-Dept of Interior

Interior, Dept - National Park Service \$199,000

Developing and Evaluating Techniques for Controlling Invasive Plants

Duffy, David C Department of Botany

Develop and evaluate weed control methods for efficacy in use on rare native habitat in Haleakala National Park.

Interior, Dept - National Park Service \$63,500

Development of Efficient Vegetation Management Techniques within Kaloko-Honokohau National Historical Park for Cultural Resource Utilization

Leary, James College of Tropical Agriculture and Human Resources

This 2 year project will develop refined techniques in exotic weed removal and restoration of native plant communities of cultural significance and utility within Kaloko-Honokohau National Historical Park. Research and demonstration experiments will become established within the archeological sites D13-10 (50-10-27-2165 size: 1 ha and 50-10-27-2218 size: 4 ha).

Interior, Dept - U.S. Fish & Wildlife Service \$35,250

Project Support for Hawaiian Ecosystems at Risk (HEAR) Project

Ziegler-Chong, Sharon Pacific Aquaculture-UHH

Support effective science-based management of harmful non-native species in Hawaii and the Pacific through the HEAR project.

Interior, Dept - U.S. Geological Survey \$213,570

Pacific Island Ecosystems Change Project: Research on Global Climate Change and Watershed Dynamics in Hawaii and the Pacific Islands

Ziegler-Chong, Sharon Pacific Aquaculture-UHH

Conducting research on the status and dynamics of both terrestrial and near-shore ecosystems within selected watersheds in the main Hawaiian Islands relative to impacts of invasive species and land use change, as well as from anticipated changes due to sea level rise and climate modification resulting from global atmospheric dynamics.

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## Research

### DOI-Dept of Interior

Interior, Dept - U.S. Geological Survey \$249,694  
Development of Biological Data Resource  
Ziegler-Chong, Sharon Pacific Aquaculture-UHH

Interior, Dept - U.S. Geological Survey \$90,000  
Development of Biological Data Resource  
Ziegler-Chong, Sharon Pacific Aquaculture-UHH

### Federal Agencies

Homeland Security, Dept - FED \$398,622  
ARI-MA: Nuclear Materials Detection via Time-Encoded Differential Absorption and/or Differential Fluorescence  
Madey, John M J Department of Physics and Astronomy  
Proposed research is to develop and demonstrate an improved method for detection of fissible materials using techniques adapted from Laser Radar Systems and High Energy Physics, shifted to gamma ray energies as required for detection of small, concealed quantities of Uranium and Plutonium.

Veterans Affairs, Dept - National Center for PTSD \$12,217  
Community Stigma as a Barrier to Care Among Rural and Urban Veterans of Operation Iraqi Freedom and Operation Enduring Freedom  
Stotzer, Rebecca School of Social Work  
Dr. Rebecca Stotzer's role will involve: 1. preparing research proposals, 2. provide expertise in selecting interpersonal and social psychological variables such as indicators of community-based stigma, 3. oversight of data management/entry, 4. meeting at least weekly with the research team

### Foreign

National Astronomical Observatory of Japan \$80,600  
NAOJ-Subaru Telescope Use of the UH 2.2-m Telescope FY11  
Aspin, Colin Institute for Astronomy  
To foster collaborative astronomical programs, primarily, the collaborative use of the UH 2.2 meter telescope by National Astronomical Observatory of Japan observers.

U.S. - Israel Binational Science Fdn \$30,000  
Effect of Residual Antibiotic Amendment on Molecular Evolution of Antibiotic Resistance in Indigenous Soil Microbial Communities  
Yan, Tao Department of Civil and Environmental Engineering  
Study the effects of residual antibiotics on the evolution of antibiotic resistance in soil environments.

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### Research

#### Hawaii- Business and Other

Hawaii Bus & Entrprnr Acceleration Mentors	\$7,862
<u>Evaluation of Syrbactins in TH-MYCN Neuroblastoma Tumor Model</u>	
Bachmann, Andre	Chancellor, University of Hawaii at Hilo-UHH
Research on a new anti-cancer drug discovery made at the Cancer Research Center and continued at the UH Hilo College of Pharmacy	
Hawaiian Shellfish, LLC	\$80,630
<u>Development of Bivalve Hatchery Methods for Hawaii</u>	
Haws, Maria C.	Pacific Aquaculture-UHH
Referentia Systems, Inc	\$30,000
<u>Pacific Disaster Center Threat Assessment For Papahanaumokuakea Marine National Monument</u>	
Gaines, James R	Vice President for Research
The Pacific Disaster Center will prepare a threat assessment report for the Monument.	

#### Hawaii- Government Agencies

Health, Dept - Alcohol & Drug Abuse Div-HI	\$170,000
<u>Data Collection and Analysis of Substance Abuse Prevention Services</u>	
Fong, Grace	Center on the Family
Help to implement the ADAD Substance Abuse Prevention infrastructure work plan by providing a web-based data management system for data collection and management to satisfy program evaluation and report requirements.	
Health, Dept - HI	\$299,980
<u>State Prevention Framework State Incentive Grant Evaluation</u>	
Yuen, Sylvia H L	Center on the Family
Conduct evaluation of key processes and outcomes of the Hawaii State Prevention Framework State Incentive Grant Project (SPF-SIG) at the state, community, and program levels.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$60,000
<u>Forestry and Watershed Planner</u>	
Morden, Clifford W	Department of Botany
Conduct research and development for forest and watershed management plans for Maui and Kauai, working closely with planners on those islands.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$201,640
<u>Kauai Endangered Seabird Conservation Research and Management</u>	
Duffy, David C	Department of Botany
Conduct research on the populations of endangered Kauai seabirds and make recommendations for conservation strategies.	

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## Research

### Hawaii- Government Agencies

Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$50,000
<u>Detection and Control of Invasive Species in Wao Kele o Puna on the Island of Hawaii</u>	
Duffy, David C	Department of Botany
Survey and control invasive species in the forest reserve of Wao Kele o Puna on the island of Hawaii.	
Land & Natural Res, Dept - Div of Forestry & Wildlife-HI	\$291,000
<u>Defending Hawaiian Forests: Rapid Response to Ecosystem Changing Weeds</u>	
Duffy, David C	Department of Botany
Conduct early detection surveys for potential new invasive species, and evaluate exotic species for potential invasiveness in Hawaii.	
Land & Natural Res, Dept - HI	\$42,700
<u>Assessing Impacts of Myoporum thrips (Klambothrips myopori) Infestation in Hawaii: Distribution, Rate of Spread, and Impact on Forest Resources</u>	
Kaufman, Leyla	Department of Plant and Environmental Protection Sciences
Determine the current spatial distribution of Myoporum thrips on M. sandwicense, determine infestation rates/density as well as seasonal phenology in infested sites, evaluate the impact of myoporum thrips on tree health across a wide range of environmental conditions.	
Transportation, Dept - HI	\$324,885
<u>Evaluation of the New SRICOS-EFA Method for Predicting Scour in Hawaiian Rivers</u>	
Ooi, Phillip S.K.	Department of Civil and Environmental Engineering
Develop a methodology for predicting scour of river beds in Hawaii using a newly developed apparatus called the Erosion Function Apparatus.	

### Hawaii- Health Organizations

Kuakini Medical Center	\$115,740
<u>Epidemiology of Aging and Dementia Autopsy Research</u>	
Uyehara-Lock, Jane H	Department of Pathology
To provide pathology services and analysis of autopsy results as part of the ongoing Honolulu Asia Aging Study. This award is a subcontract from Kuakini Medical Center to the University of Hawaii.	

### Hawaii- Non-Profit Organizations

HCF-Leahi Fund	\$60,000
<u>Mesothelioma Prevention and Early-Detection Studies</u>	
Yang, Haining	Cancer Research Center
Asbestos is one of the major environmental concerns especially in Hawaii. Asbestos is the main cause of mesothelioma and it has synergistic effect with cigarette smoking in causing lung cancer. My research is aimed at identifying novel preventive approaches and early detection strategies for asbestos-related thoracic malignancies, especially mesothelioma.	



# Gifts, Grants, and Contracts for October 2010

## Research

### Hawaii- Non-Profit Organizations

Pacific Health Research & Education Institute	\$83,404
<u>Computerized Tailored Interventions for Behavioral Sequelae of Posttraumatic Stress Disorder in Veterans</u>	
Nigg, Claudio R	Office of Public Health Studies
This subaward will help adapt and test a tailored intervention to address PTSD related risks (smoking, depression, and stress).	
University of Hawaii Foundation	\$240,245
<u>Kamehameha School Research Fellow Program</u>	
Soifer, Aviam	William Richardson School of Law
Implement Kamehameha School Research Fellowship Program to advance knowledge, scholarship or learning in Native Hawaiian Law.	
University of Hawaii Foundation	\$33,775
<u>Preserving Hawaii's Culturally Significant Native Plants</u>	
Dunn, Christopher	Lyon Arboretum
To preserve Hawaii's Culturally Significant Native Plants.	

### Mainland- Business and Other

Lockheed Martin Corporation Space Systems	\$149,392
<u>A Study of OTEC Environmental Interactions</u>	
Nihous, Gerard C	Department of Ocean and Resources Engineering
This effort aims at better defining the potential environmental interactions between Ocean Thermal Energy Conversion (OTEC) systems and the ocean. The goal is to develop a versatile and portable analytical tool capable of determining flow characteristics around OTEC plants. Methodologies and results will be demonstrated in Hawaiian waters.	
Space Telescope Science Institute	\$142,061
<u>A Snapshot Survey of the Most Massive Clusters of Galaxies</u>	
Ebeling, Harald	Institute for Astronomy
We propose the continuation of our highly successful Hubble Space Telescope survey of a sample of 123 vary x-ray luminous clusters in the redshift range 0.3-0.7. These systems frequently exhibit strong gravitational lensing as well as spectacular examples of violent galaxy evolution.	

### Mainland- Health Organizations

Children's Hospital Boston	\$26,000
<u>The Relationship Between Mitochondrial Dysfunction and Insulin Resistance in HIV-Infected Children Receiving AntiRetroviral Therapy</u>	
Gerschenson, Mariana	John A. Burns School of Medicine
Perform OXPHOS analysis on pediatric samples, perform data analysis and manuscript preparation.	
Hutchinson (Fred) Cancer Research Center	\$129,277
<u>Colorectal Cancer Genome-Wide Association Studies Consortium</u>	
Le Marchand, Loic	Cancer Research Center
Using the Multiethnic Cohort Study Caucasian samples, this study proposes to collaborate with the Colorectal Cancer GWAS Consortium to replicate the associations found with genetic variants in other ongoing whole genome-wide association studies.	

# Gifts, Grants, and Contracts for October 2010

## Research

### Mainland- Health Organizations

Klein Buendel, Inc. \$378,158

A Home Exercise Program for Women with Infants and Young Children

Albright, Cheryl L. Cancer Research Center

This Phase II project will develop and test an interactive web-enabled multimedia program, "Choose to Move", that will feature 10-minute videos demonstrating yoga, aerobics, and strengthening exercises for mothers of infants 8 weeks to 8 months of age.

Riverside Research Institute \$25,000

Acoustic Contrast Agents for Use with High-Frequency Ultrasound

Allen, John S III Department of Mechanical Engineering

High frequency ultrasound with contrast agents offers potential for improved imaging and perfusion measurements

### National Aeronautics and Space Administration

National Aeronautics & Space Administration \$112,000

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.

### US Colleges and Universities

California Davis, University of \$67,799

Western Regional Center in the National Plant Diagnostic Network

Alvarez, Anne M Department of Plant and Environmental Protection Sciences

We will support plant diagnostics in Hawaii and the Pacific Region by performing standard and distance diagnostic procedures on plant and insect samples and participating in detector training activities.

Dartmouth College \$34,737

Media Influences on Early Onset Alcohol Use

Wills, Thomas Cancer Research Center

Conceptualizing & analyzing data on media smoking exposure & adolescent & young adult outcomes; set up mediation & moderation analyses for effects of movie smoking exposure & will coordinate with the statistical consultant on incorporating time-varying effects in the analyses.

Drew, Charles R., University \$537,628

RMCI Translational Research Network (RTRN)

Yanagihara, Richard Department of Pediatrics

The goal of the RTRN is to establish an infrastructure to facilitate translational research in health disparities. Hawaii will be one of the performance sites coordinated by Drew University. Drew University will send a subcontracts to UH based on the attached sub-recipient commitment form attached.

Hawaii Pacific University \$48,141

Ecological Factors and Drug Use of Native Hawaiian Youth

Helm, Susana Department of Psychiatry

Examine the ecological risk and protective factors relevant to youth of Hawaiian ancestry in Hawaii.

## Gifts, Grants, and Contracts for October 2010

### Research

#### US Colleges and Universities

Maryland, University of		\$32,500
<u>EPOXI Mission</u>		
Meech, Karen J	Institute for Astronomy	
To reduce and analyze data obtained and characterizing the nucleus for the EPOXI mission. We will continue to characterize the activity of the mission target 103P/Hartley 2, analyze data coordinate observers around the world and use this data to interpret the spacecraft in-situ results.		
South Carolina, Medical University of		\$15,376
<u>Sphingolipids in Cancer Biology and Therapy</u>		
Kawamori, Toshihiko	Cancer Research Center	
This program project is to elucidate roles and functions of the sphingolipid pathways in cancer development. The animal core provides expertise for animal carcinogenesis models and pathology and services to maintain animals to the project leaders.		
Texas, University of		\$188,824
<u>Transdisciplinary Research in Cancer of the Lung</u>		
Le Marchand, Loic	Cancer Research Center	
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.		
Tulane University of Louisiana		\$22,303
<u>Coordinating Center for the Pediatric HIV/AIDS Cohort Study</u>		
Gerschenson, Mariana	Department of Cell and Molecular Biology	
Dr. Gerschenson is a protocol team member for the Pediatric HIV/AIDS Cohort Study. She will be reviewing and developing concept studies and planning the scientific agenda.		
Virginia Polytechnic Inst and State Univ		\$145,827
<u>Sustainable Management of Agroecological Resources for Tribal Societies (SMARTS)</u>		
Chan-Halbrendt, Catherine	Department of Natural Resources and Environmental Management	
This proposal will address conservation agricultural practices among tribal populations in India and Nepal. The goal is to improve the livelihood of these subsistence farmers, modify slash-and-burn practices and introduce innovative soil and water conservation measures.		

**Subcount:** 72 **Subtotal:** \$21,724,816

### Non-Research

#### DA-Dept of Agriculture

Agriculture, Dept - FED		\$400,000
<u>Outreach and Assistance in Tropical Pasture and Livestock Management of Pacific Islanders</u>		
Thorne, Mark S	Department of Human Nutrition, Food and Animal Sciences	
This project will provide training to Native Hawaiian and Pacific Islander ranchers and natural resource professionals of Hawaii, Guam, Northern Marianas Islands, Palau, and Federated States of Micronesia in sustainable pasture and livestock management in tropical systems.		

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## Non-Research

### DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Hlth Res & Svcs Adm (HRSA) \$416,222

Pacific Islands Geriatric Education Center

Masaki, Kamal H Department of Geriatric Medicine  
Allied Health Care professionals training in Geriatrics.

Health & Human Svc, Dept/ACF - Adm on Devlpmntl Dsblyt \$150,000

Hawaii Emergency Preparedness special Initiatives

Skaggs, Briana Dawn Center on Disability Studies

This project will identify and recruit individuals with a developmental disability and their families who have independent schedules, implement project activities that support participants towards emergency preparedness and community leadership. Activities will be tracked, data evaluated and results disseminated to stakeholders.

### DOC-Dept of Commerce

Commerce, Dept - Economic Dev Administration-FED \$220,000

UH-PBCP EDA University Center 2009-2010

Morton, John F Vice President for Community Colleges

This Economic Development Administration University Center Program award supports the economic development and technical assistance work of the Pacific Business Center Program that will be provided to public and private sector clients located in Hawaii and throughout the American Affiliated Pacific Islands.

Commerce, Dept/NOAA - Natl Marine Fisheries Svc \$225,000

UH Manoa Marine Option Program Support

Hunter, Cynthia L. Biology Program

Support UH Marine Option Program Director (25%), Manoa Coordinator, Student Coordinator, Student Office Assistants, travel, grant management training, field and office supplies, and study center computers/software.

### DOD-Department of Defense

Defense, Dept - Navy \$375,752

Fiber Connectivity to VLBA on Mauna Kea

Lassner, David K Information Technology Services

Provide fiber connectivity to VLBA facility on Mauna Kea

### ED-Dept of Education

Education, Dept - FED \$425,000

Hawaii Transition/Dual Enrollment with Individualized Supports Model for Students with Intellectual Disabilities

Stodden, Robert A Center on Disability Studies

A demonstration model project for students with intellectual disabilities which provides individualized supports and services for academic and social inclusion in all aspects of postsecondary education, including opportunities for academic enrichment, socialization, independent living and work skills that lead to gainful work.

## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### ED-Dept of Education

Education, Dept - FED	\$1,969,105
<u>Hale Kanilehua Living-Learning Center Renovation</u>	
Hong, Luoluo	Vice Chancellor for Student Affairs-UHH
Renovation of an existing facility to create a living-learning center at UH Hilo to provide a safe and supportive living-learning environment for students by successfully transitioning them into the University through first-year experience seminars and other academic/social integration experiences	
Education, Dept - FED	\$564,341
<u>Hanakahi Student Success Programs</u>	
Makuakane-Lundin, Gail M	Vice Chancellor for Student Affairs-UHH
Increases in Native Hawaiian student success, retention and completion; increases in the level of engagement of students in their college educational experience; improvements among students in the attitudes, knowledge and skills associated with effective leadership; and improvements in Hawaiian language teaching and student learning.	
Education, Dept - FED	\$876,119
<u>Hulili-A Collaborative Grant Between UH-Manoa and Windward Community College to Improve the Transfer and Success Rates of Native Hawaiian Students</u>	
Hokoana, Lui K	Chancellor, Windward Community College
UH Manoa (UHM) and Windward Community College (WCC) will collaborate to increase the number of Native Hawaiian (NH) students at WCC who transfer to UHM; number of NH students who receive a Bachelor's degree at UHM; and professional development opportunities for transfer students and NH serving faculty and at	
Education, Dept - FED	\$300,000
<u>Center On Responsive Education (CORE) 1+1</u>	
Pagotto, Louise	Chancellor, Kapiolani Community College
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.	
Education, Dept - FED	\$1,384,346
<u>Waihonua: 2 Year Renovation Grant</u>	
Kealiikanakaoleohailani, Kekuhi K K	Chancellor, Hawaii Community College
The I Ola Haloa Center for Hawaii Life Styles Program at Hawaii Community College will conduct two activities in striving to increase course completion rates: (1) Renovating Academic Community spaces, and (2) Developing iHa'akumalae for Learner Success.	
Education, Dept - FED	\$123,138
<u>Creating a Mobile High-Touch, High-Tech Learning Environment: A Program to Promote Academic &amp; Psychosocial Engagement &amp; to Increase Participation STEM</u>	
Randall, Linda	Chancellor, University of Hawaii at West Oahu
This proposal addresses the activities that UHWO can implement to increase college success as measured by improving retention and graduate rates. It also aims to increase access to higher education by increasing opportunities for students to participate successfully in STEM classes and disciplines. UHWO will develop a high-touch mobile learning environment.	
Education, Dept - FED	\$297,033
<u>Leeward Community College - Upward Bound Math/Science; 2007-2012</u>	
Manaseri, Christopher B	Chancellor, Leeward Community College
Provide college preparatory services for high school youth. Program's purpose is to increase academic	

## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### ED-Dept of Education

performance and college going rates in low income and first generation students.

Education, Dept - FED \$123,138

Title III, Strengthening a New Ecology of Engaged Teaching and Learning for student Success

Richards, Leon Chancellor, Kapiolani Community College

Comprehensive integration of research-based best practices in student support and high impact practices in student learning across the College's continuum of developmental education to degree-applicable course work, associate and baccalaureate degree completion.

Education, Dept - FED \$81,537

The University of Hawaii at Manoa Children's Center-Child Care Access Means Parents in School (UHMCC-CCAMPIS)

Watkins, Wayne Student Equity, Excellence, and Diversity

The UHM Children's Center Child Care Access Means Parents in School Program will meet the child care needs of low-income student parents attending the Manoa campus. Parent education workshops, child care tuition scholarships, and teacher staff development training will be provided.

Education, Dept - FED \$300,000

Pacific Region Special Education Leadership Training Project

Noonan, Mary Jo Department of Special Education

This training grant will prepare six doctoral scholars with expertise in evidence-based practices, universal design for learning, multiculturalism, and distance personnel preparation. They will have the necessary expertise to prepare special education teachers for high-need areas in Hawaii and the Pacific region.

Education, Dept - FED \$300,000

Pacific Region Special Education Leadership Training Project

Noonan, Mary Jo Department of Special Education

This training grant will prepare six doctoral scholars with expertise in evidence-based practices, universal design for learning, multiculturalism, and distance personnel preparation. They will have the necessary expertise to prepare special education teachers for high-need areas in Hawaii and the Pacific region.

Education, Dept - FED \$628,808

Kulukuluua: 5-year Development Grant

Kealiikanakaoleohaililani, Kekuhi Chancellor, Hawaii Community College  
K K

The proposed project will (1) increase the course completion rates of Native Hawaiian students; (2) increase the number of Native Hawaiians re-enrolling and completing their degree in Hawaii Life Styles Academic Program, and (3) increase levels of student engagement for persistence and degree completion.

Education, Dept - FED \$540,733

Halaulani

Kealiikanakaoleohaililani, Kekuhi Chancellor, Hawaii Community College  
K K

The grant will conduct three activities to improve Native Hawaiian transfer rates: (1) Strengthening Student Transfer Success at Hawaii Community College; (2) Bridging the Hawaii Community College and the University of Hawaii at Hilo Teaching and Learning Communities; and (3) Developing Inter-Collegial Degree Pathways.

## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### ED-Dept of Education

Education, Dept - FED	\$800,000
<u>Kakoo Koolau - Strengthening Student and Institutional Engagement at Windward Community College</u>	
Hokoana, Lui K	Chancellor, Windward Community College
Strengthening institutional engagement through more relevant and accessible academic offerings; and strengthening student engagement through improved access, early intervention, and innovative student support services. Both activities focus on increasing student persistence, retention, and graduation or transfer.	
Education, Dept - FED	\$799,990
<u>Native Hawaiian Serving Institution: Increase Native Hawaiian Success at University of Hawai'i Maui College</u>	
McKee, John	Chancellor, University of Hawaii Maui College
Increase Native Hawaiian Success by increasing retention, persistence and graduation rates by providing peer tutoring and mentoring in a new Student Success Center, mandating a First and Second Year Experience for cohort participants and developing an Associate in Arts degree with an emphasis on Hawaiian Studies.	
Education, Dept - FED	\$2,000,000
<u>Hale Ao Renovation and Hawaiian Studies Curriculum Expansion</u>	
Hokoana, Lui K	Chancellor, Windward Community College
Strengthening Student Engagement through increased facility space to house Hawaiian Studies courses and through the creation of an Associate of Arts degree in Hawaiian Studies and expanded curriculum. The initiatives are focused on increasing the success rates of WCC students.	

#### Federal Agencies

Corporation for National and Community Service	\$714,589
<u>Oceanic EcosySTEM</u>	
Pascua, Atina T	Service Learning
Hawaii Pacific Islands Campus Compact (HIPICC) will develop a consortium to sustain and strengthen service learning programs in STEM, teacher training, and indigenous American, Hawaiian and pacific Islander communities.	
Housing & Urban Development, Dept - FED	\$800,000
<u>Kapahulu Learning and Outreach Center</u>	
Franco, Robert W	Chancellor, Kapiolani Community College
This proposal is for the renovation and expansion of the Kapahulu Senior Center to create the Kapahulu Learning and Outreach Center, and for subsequent program development at the center.	
Peace Corps	\$17,065
<u>Peace Corps Campus Representative</u>	
Casey, Rosemary	Office of International Education
The University of Hawaii at Manoa shall provide professional recruitment services for the San Francisco Peace Corps Regional Recruitment Office, establishing a Peace Corps recruiting office, hiring & supervising an on-campus representative, and ensuring access to campus resources to facilitate the recruitment effort.	

## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### Foreign

American Samoa, Govt of	\$234,278
<u>ACE for ARRA in Amerika Samoa: Multimedia Enhancing Literacy</u>	
Dowrick, Peter W	Center on Disability Studies
Support widespread implementation of TeenACE Literacy and related programs to assist the Dept. of Ed meet its ARRA goals: improve at-risk students ability to read & write through the use of technology,	
American Samoa, Govt of	\$20,000
<u>Head Start Quality Improvement Funds for Professional Development Project</u>	
Johnson, Richard T	Institute for Teacher Education
Provide professional development course work in dual language learning, literacy, integrated cultural studies and video production, and cultural variation.	
Commonwealth of Northern Mariana Islands	\$20,000
<u>Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract From CNMI DPH)</u>	
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.	
Guam Dept of Public Health & Social Svcs	\$20,000
<u>Pacific Regional Comprehensive Cancer Control Implementation Program (Subcontract from Guam DPHSS)</u>	
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

Hawaii Council for the Humanities	\$7,500
<u>Connecting Language and History: An Interactive Exhibit at Hawaii Plantation Village Museum</u>	
Higgins, Christina M	Department of Second Language Studies
This project will produce a museum display on the history and development of Hawaii Creole at the Hawaii Plantation Village Museum in Waipahu.	

#### Hawaii- Dept of Education

Education, Dept - HI	\$49,097
<u>Math Science Partnership (MSP) Program Cohort VI: For the Provision of Professional Development in Science</u>	
Flynn, Luke Paul	Hawaii Institute of Geophysics and Planetology
The Hawaii Space Grant Consortium (HSGC) will continue to provide their support towards the efforts and services outlined in the statement of work. HSGC's primary objective is to assist the Stevenson Middle School complex to enhance professional development math and science curriculum and teaching skills to teachers.	
Education, Dept - HI	\$104,842
<u>P-20 Initiative Memorandum of Agreement with Hawaii Department of Education</u>	
Johnsrud, Linda K	College of Education
Facilitate, coordinate, implement and support the P-20 Strategic Plan through regional participation; marketing and communications; data analyses and technical assistance for schools to meet American Diploma Project-related activities; and operational and administrative support work.	



## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### Hawaii- Government Agencies

Acctg & General Svc, Dept - State Fdn on Culture & the Arts-HI	\$100,000
<u>SCEP: Presenting and Touring Outreach</u>	
Slaughter, Timothy Roy	Outreach Community Programs
Coordinate lectures, demonstrations and cultural programs by artists and cultural experts in various community venues with a focus on underserved communities.	
City & County of Honolulu	\$75,000
<u>Team PLUS: On-Premise Alcohol Sales Survey</u>	
Albright, Cheryl L.	Cancer Research Center
This contract is to conduct a survey to determine the rate of alcohol sales to underage youth who order alcohol in on-premise locations on Oahu (e.g. restaurants, bars, and clubs).	
County of Hawaii	\$3,500
<u>Gear Up for Agricultural Tourism Training Program</u>	
Shigehara, Deborah	Chancellor, Hawaii Community College
The proposal will fund a one day training workshop in Hilo for agricultural farmers, businesses and entrepreneurs interested in starting agritourism businesses. funds will support operational, marketing and trainer/presenter.	
County of Maui - Planning Department	\$329,984
<u>Pacific Basin Telehealth Resouce Center</u>	
Bursell, Sven-Erik	Social Science Research Institute
Seeks to develop a resource center to assist healthcare organizations, health care networks, and health care providers in implementing cost-effective telehealth programs serving rural and medically under-served areas and populations.	
Hawaiian Affairs, Office of-HI	\$8,259
<u>Halau Ike o Puuloa First Birthday Paina and Blessing</u>	
Goodman, James	Chancellor, Leeward Community College
The Office of Hawaiian Affairs supports events which provide an educational benefit to the Native Hawaiian community. Funding will support the execution of the event which promotes LCC's Native Hawaiian programs (Halau) to eligible students and gives them access to the resources of Halau's partners.	
Health, Dept - Adult Mental Health-HI	\$614,785
<u>Hawaii Mental Health Transformation State Incentive Grant</u>	
Onken, Steven	Social Science Research Institute
The purpose of this grant is to do a transformation of the current mental health delivery system in the state. It is to look at the system as a whole and modify laws, norms and values, reassessed, and systems of service delivery and finance, changed.	
Health, Dept - HI	\$2,500
<u>School Based Influenza Vaccination Program Memorandum of Agreement</u>	
Qureshi, Kristine	School of Nursing and Dental Hygiene
School Based Influenza Vaccination Program.	
Human Services, Dept - HI	\$10,000
<u>Creating Intergenerational Opportunities through the Foster Grandparent Program</u>	
Greenwood, Heather	College of Tropical Agriculture and Human Resources
The proposed project will create and utilize educational resources to assist the Foster Grandparent Program in	

## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### Hawaii- Government Agencies

outreach, recruitment, training, and retention of underserved older adult populations in Maui County

Human Services, Dept - HI \$117,318

UH - CES Supplemental Nutrition Assistance Program - Education

Kanehiro, Naomi A Department of Human Nutrition, Food and Animal Sciences

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. Supplemental funding to support FY 2010.

Human Services, Dept - HI \$1,690,596

Title IV-E Eligibility Quality Assurance Project

Mokuau, Noreen K School of Social Work

To review Title IV-E eligibility cases and make recommendations regarding their eligibility for IV-E and IV-A EA funding.

Human Services, Dept - HI \$761,837

Title IV-E Eligibility Quality Assurance Project

Mokuau, Noreen K School of Social Work

To review Title IV-E eligibility cases and make recommendations regarding their eligibility for IV-E and IV-A EA funding.

Transportation, Dept - HI \$3,094,644

Hawaii Local Technical Assistance Program (CY 2011-2015)

Papacostas, C S Department of Civil and Environmental Engineering

Provide technology transfer to local transportation agencies.

#### Hawaii- Health Organizations

University Clinical, Ed & Research Assoc. (UCERA) \$5,975

Reimbursement Agreement - FY2011, Agreement No. SF11-UCERA-PEDS

Rudoy, Raul C Department of Pediatrics

Agreement to provide physician and physician related services for fiscal year 2011.

Waianae Coast Comprehensive Health Ctr \$111,482

Waianae Health Academy - Ola Loa Ka Naauao - 09/01/10 - 08/31/11

Umehira, Ronny T Chancellor, Leeward Community College

Provide a Pre Health Bridge program; a Substance Abuse Counseling program of study; a Community Health Worker I & II program of study; a Program Information Session for each program of study; student support services; and instruction for the Waianae Health Academy.

# Funds Received from UH Foundation for 10/01/2010 - 10/31/2010

## Non-Research

### Hawaii- Non-Profit Organizations

University of Hawaii Foundation	\$52,268
"The Matsuda Sano Chair"	
Boland, Mary G	School of Nursing and Dental Hygiene
Contract agreement for the transfer of funds from The Matsuda Sano Chair account to provide salary support for Dr.	
University of Hawaii Foundation	\$6,852
"Laila Art Fellows"	
Chan, Gaye M G	College of Arts and Humanities
Transfer funds to pay Laila Art Fellow their month stipend.	
University of Hawaii Foundation	\$7,500
"Confucius Institute Support"	
Lau, Frederick C.	Center for Chinese Studies
Provides salaries and fringe benefits for Confucius Institute support personnel, and miscellaneous office expenses and express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with	
University of Hawaii Foundation	\$20,000
"Maunalua Bay Coastal and Watershed Coordinator"	
Lerner, Darren T	Sea Grant College Program
Continuation of work by Sea Grant, Malama Maunalua, and its partners, in restoring a healthy, sustainable, and resilient	
University of Hawaii Foundation	\$49,062
"Community Based Marine and Coastal Resources Sustainable Use Project 2010-2011"	
Okimoto, Darren K	Sea Grant College Program
To advance coastal and ocean literacy in East and West Hawai'i by providing formal and informal learning opportunities at schools, community meetings and events, public presentations, and other educational forums on Hawai'i Island.	

## Research

### Hawaii- Non-Profit Organizations

University of Hawaii Foundation	\$33,775
"Preserving Hawaii's Culturally Significant Native Plants"	
Dunn, Christopher	Lyon Arboretum
To preserve Hawaii's Culturally Significant Native Plants.	
University of Hawaii Foundation	\$240,245
"Kamehameha School Research Fellow Program"	
Soifer, Aviam	William Richardson School of Law
Implement Kamehameha School Research Fellowship Program to advance knowledge, scholarship or learning in Native Hawaiian Law.	
<b>Count:</b>	<b><u>7</u></b>
<b>Total:</b>	<b><u>\$409,702</u></b>

## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### Hawaii- Non-Profit Organizations

General Contractors Association Education Foundation	\$126,174
<u>Construction Management Program</u>	
Llewellyn, Clark	School of Architecture
To support the bachelor's degree in the interdisciplinary arts with emphasis in construction management program at the school of architecture.	
Olelo Community Television	\$20,000
<u>Hawaii Educational Networking Consortium (HENC)</u>	
Lassner, David K	Information Technology Services
To provide oversight of the two educational access cable television channels (channel 55 and 56) provided for accredited education of Oahu.	
Queen Liliuokalani Children's Ctr	\$30,000
<u>Hawaiian Learning Program 2010-2011</u>	
Mokuau, Noreen K	School of Social Work
To develop and implement the Hawaiian Learning Program for Master's Level Students at Social Work.	
University of Hawaii Foundation	\$49,062
<u>Community Based Marine and Coastal Resources Sustainable Use Project 2010-2011</u>	
Okimoto, Darren K	Sea Grant College Program
To advance coastal and ocean literacy in East and West Hawai'i by providing formal and informal learning opportunities at schools, community meetings and events, public presentations, and other educational forums on Hawai'i Island.	
University of Hawaii Foundation	\$6,852
<u>Laila Art Fellows</u>	
Chan, Gaye M G	College of Arts and Humanities
Transfer funds to pay Laila Art Fellow their month stipend.	
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<u>Confucius Institute Support</u>	
Lau, Frederick C.	Center for Chinese Studies
Provides salaries and fringe benefits for Confucius Institute support personnel, and miscellaneous office expenses and express mail payments for CI office operations. Also usable to pay travel and housing costs in conjunction with Confucius Institute programs and activities.	
University of Hawaii Foundation	\$20,000
<u>Maunalua Bay Coastal and Watershed Coordinator</u>	
Lerner, Darren T	Sea Grant College Program
Continuation of work by Sea Grant, Malama Maunalua, and its partners, in restoring a healthy, sustainable, and resilient ecosystem in Maunalua Bay and the watersheds that support it.	
University of Hawaii Foundation	\$52,268
<u>The Matsuda Sano Chair</u>	
Boland, Mary G	School of Nursing and Dental Hygiene
Contract agreement for the transfer of funds from The Matsuda Sano Chair account to provide salary support for Dr. Maureen Shannon who was appointed Matsuda Sano Chair.	

## Gifts, Grants, and Contracts for October 2010

### Non-Research

#### Mainland- Business and Other

Gilead Sciences, Inc \$105,410

GS-US-216-0114: A Phase 3, Double-Blind Study to Evaluate the Safety and Efficacy of GS 9350-boosted Atazanavir Versus Ritonavir-boosted...

Shikuma, Cecilia M Department of Medicine

To test experimental HIV treatment on human subjects.

Novo Nordisk, Inc \$12,044

An Extension Trial Comparing Safety and Efficacy of NN5401 with Insulin Glargine in Subjects with Type 2 Diabetes

Arakaki, Richard F Department of Medicine

This is a 26-week extension study of NN5401-3590 (CHS 17459) comparing two active treatment groups in subjects with type 2 diabetes randomly allocated to either SIAC once daily (OD) + Metformin or Insuling Glargine OD + Metformin. This extension is to investigate the long-term safety and tolerability of SIAC.

#### Mainland- Non-Profit Organizations

Anheuser-Busch Foundation \$50,000

Manoa Alcohol Project

Stockert, Nancy A. Vice President for Student Affairs

Provide social norms-based alcohol prevention campaign targeted at undergraduates of UH-Moana.

NSABP Foundation, Inc \$56,800

Treatment Industrial Purchased Services Agreement Addendum (TIND) -- Subpart NSABP B-46-I - Genentech

Cho, Jonathan Cancer Research Center

Industry sponsor Genentech provides funding for study-related events (enrollment, required tests & procedures, patient monitoring, and specimen & data submissions) that must be carried out by a clinical research associate/other staff members of the Clinical Trials Unit.

National Center for Academic Transformation \$40,000

Changing the Equation

Pecsok, Michael H Chancellor, Leeward Community College

The attached Readiness Narrative is a first step in the grant application process. It proposes to redesign four remedial math classes into a two class sequence with an open math lab.

#### National Aeronautics and Space Administration

National Aeronautics & Space Administration \$746,164

Development of An Open-Architecture Mission Operations System to Support Multiple Small Spacecraft Missions

Flynn, Luke Paul Hawaii Institute of Geophysics and Planetology

The proposed effort outlines a 3-year plan to develop a comprehensive open set of software tools designed to support the operations of one or more small spacecraft missions. The proposed work involves collaboration amongst universities and NASA Center.

<b>Subcount:</b>	<b>61</b>	<b>Subtotal:</b>	<b>\$23,535,787</b>
<b>Count:</b>	<b><u>133</u></b>	<b>Total:</b>	<b><u>\$45,260,603</u></b>

**Extramural Research Awards  
for the Month of  
October 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	3	\$200,000	0.92%
DHHS-Dept of Health and Human Services	3	\$1,546,085	7.12%
DOC-Dept of Commerce	9	\$3,540,483	16.30%
DOD-Department of Defense	12	\$4,918,911	22.64%
DOE-Dept of Energy	3	\$6,000,000	27.62%
DOI-Dept of Interior	6	\$851,014	3.92%
Federal Agencies	2	\$410,839	1.89%
Foreign	2	\$110,600	0.51%
Hawaii- Business and Other	3	\$118,492	0.55%
Hawaii- Government Agencies	8	\$1,440,205	6.63%
Hawaii- Health Organizations	1	\$115,740	0.53%
Hawaii- Non-Profit Organizations	4	\$417,424	1.92%
Mainland- Business and Other	2	\$291,453	1.34%
Mainland- Health Organizations	4	\$558,435	2.57%
National Aeronautics and Space Administration	1	\$112,000	0.52%
US Colleges and Universities	9	\$1,093,135	5.03%
<b>Total:</b>	<b><u>72</u></b>	<b><u>\$21,724,816</u></b>	<b><u>100%</u></b>

**Extramural Non-Research Awards  
for the Month of  
October 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	1	\$400,000	1.70%
DHHS-Dept of Health and Human Services	2	\$566,222	2.41%
DOC-Dept of Commerce	2	\$445,000	1.89%
DOD-Department of Defense	1	\$375,752	1.60%
ED-Dept of Education	17	\$11,513,288	48.92%
Federal Agencies	3	\$1,531,654	6.51%
Foreign	4	\$294,278	1.25%
Hawaii- Business and Other	1	\$7,500	0.03%
Hawaii- Dept of Education	2	\$153,939	0.65%
Hawaii- Government Agencies	12	\$6,808,423	28.93%
Hawaii- Health Organizations	2	\$117,457	0.50%
Hawaii- Non-Profit Organizations	8	\$311,856	1.33%
Mainland- Business and Other	2	\$117,454	0.50%
Mainland- Non-Profit Organizations	3	\$146,800	0.62%
National Aeronautics and Space Administration	1	\$746,164	3.17%
<b>Total:</b>	<b><u>61</u></b>	<b><u>\$23,535,787</u></b>	<b><u>100%</u></b>

**Extramural Research Awards  
Year to Date: 07/01/10 - 10/31/10  
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	39	\$5,125,568	3.26%
DHHS-Dept of Health and Human Services	59	\$43,542,650	27.69%
DOC-Dept of Commerce	58	\$25,899,963	16.47%
DOD-Department of Defense	23	\$14,986,173	9.53%
DOE-Dept of Energy	18	\$14,199,873	9.03%
DOI-Dept of Interior	51	\$5,384,088	3.42%
ED-Dept of Education	2	\$866,401	0.55%
Federal Agencies	8	\$3,221,146	2.05%
Foreign	12	\$3,520,757	2.24%
Hawaii- Business and Other	11	\$579,363	0.37%
Hawaii- Government Agencies	45	\$5,714,767	3.63%
Hawaii- Health Organizations	2	\$200,733	0.13%
Hawaii- Non-Profit Organizations	23	\$1,082,208	0.69%
Mainland- Business and Other	17	\$1,966,573	1.25%
Mainland- Health Organizations	9	\$1,139,434	0.72%
Mainland- Non-Profit Organizations	14	\$451,458	0.29%
National Aeronautics and Space Administration	19	\$2,373,696	1.51%
National Science Foundation	62	\$21,537,773	13.69%
US Colleges and Universities	44	\$5,481,460	3.49%
<b>Total:</b>	<b><u>516</u></b>	<b><u>\$157,274,084</u></b>	<b><u>100%</u></b>

Note: YTD amounts include adjustments.



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

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	10	\$2,617,952	1.90%
DHHS-Dept of Health and Human Services	26	\$6,680,763	4.85%
DOC-Dept of Commerce	20	\$37,540,997	27.24%
DOD-Department of Defense	3	\$404,713	0.29%
DOE-Dept of Energy	1	\$750,000	0.54%
DOI-Dept of Interior	12	\$502,650	0.36%
ED-Dept of Education	73	\$36,535,531	26.51%
Federal Agencies	10	\$7,050,654	5.12%
Foreign	18	\$934,452	0.68%
Hawaii- Business and Other	26	\$3,338,325	2.42%
Hawaii- Dept of Education	5	\$766,428	0.56%
Hawaii- Government Agencies	53	\$15,672,395	11.37%
Hawaii- Health Organizations	8	\$1,249,233	0.91%
Hawaii- Non-Profit Organizations	38	\$2,840,489	2.06%
Mainland- Business and Other	9	\$661,526	0.48%
Mainland- Health Organizations	1	\$160,000	0.12%
Mainland- Non-Profit Organizations	17	\$1,366,950	0.99%
National Aeronautics and Space Administration	3	\$1,046,164	0.76%
National Science Foundation	30	\$16,981,581	12.32%
US Colleges and Universities	14	\$726,700	0.53%
<b>Total:</b>	<b><u>377</u></b>	<b><u>\$137,827,503</u></b>	<b><u>100%</u></b>

Note: YTD amounts include adjustments.