

Gifts, Grants, and Contracts for October 2009

The following gifts, grants and contracts received by all campuses during the period October 1, 2009 through October 31, 2009 total \$41,139,205.

Research

DA-Dept of Agriculture

Agriculture, Dept - FED	\$30,000
<u>Developing and Evaluating Techniques for Controlling Feral Cats</u>	
Duffy, David C	Department of Botany
Conduct literature review, data collection and analysis in cooperation with USDA research into non-food baits for feral cats.	
Agriculture, Dept - FED	\$228,379
<u>Collaborative Effort: Aquaculture and Livestock</u>	
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	\$87,472
<u>Development of Virus Resistant Plants</u>	
Shintaku, Michael H	College of Agriculture, Forestry-UHH
Agriculture, Dept - FED	\$99,100
<u>Research on Transgenic Papaya to be Exported to Japan and Characterization and Preservation of Hawaiian Taro Cultivars</u>	
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.	

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - Natl Inst of Health (NIH)	\$1,667,631
<u>Imaging Studies in Neurotoxicity and Neurodevelopment</u>	
Chang, Linda	John A. Burns School of Medicine
To establish the infrastructure for a strong neuroscience research environment at JABSOM. The proposed projects will evaluate changes in higher cortical function and neurochemistry in individuals infected with HIV and in relation to substance-dependence, determine the physiological bases of these brain changes, and evaluate possible neurochemical changes.	
Health & Human Svc, Dept - Natl Inst of Health (NIH)	\$68,405
<u>Intraspecies Transmission and Infectivity of Insectivore-Borne Hantaviruses</u>	
Yanagihara, Richard	Department of Pediatrics
The primary objective of the proposed research is to determine the transmission of a new hantavirus in shrews and the infectivity of this virus to humans.	
Health & Human Svc, Dept - Natl Inst of Health (NIH)	\$1,299,007
<u>Cancer Research Center of Hawaii</u>	
Carbone, Michele	Cancer Research Center
Assess current informatics systems at CRCH and develop an implementation plan for adopting in the three caBIG ₂ software bundles.	

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Research

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept/NIH - Natl Cancer Institute	\$624,314
<u>University of Guam/Cancer Research Center of Hawaii Partnership</u>	
Vogel, Carl-Wilhelm	Cancer Research Center
Cancer research, training, education and outreach in partnership with the University of Guam.	
Health & Human Svc, Dept/NIH - Natl Cancer Institute	\$469,960
<u>Characterizing Mitochondrial DNA Susceptibility to Breast, Colorectal and Prostate Cancers</u>	
Cheng, Iona	Cancer Research Center
This project proposes to comprehensively characterize the genetic diversity of the mitochondrial genome among a diverse sample of subjects in the Multiethnic Cohort Study and will investigate whether inherited differences in mitochondrial DNA influence the risk fo breast, prostate or colorectal cancer.	
Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst	\$204,697
<u>Clinical Center for the Clinical Trial and Observational Study of the Women's Health Initiative - East/West</u>	
Curb, J David	John A. Burns School of Medicine
This proposal is for the extension of the existing WHI Honolulu field center to continue outcomes ascertainment and mammography in the hormone therapy trial participants and to continue analysis and publications by study investigators.	
Health & Human Svc, Dept/NIH - Natl Heart, Lung, & Blood Inst	\$212,910
<u>Clinical Center for the Clinical Trial and Observational Study of the Women's Health Initiative - East/West</u>	
Curb, J David	John A. Burns School of Medicine
This proposal is for the extension of the existing WHI Honolulu field center to continue outcomes ascertainment and mammography in the hormone therapy trial participants and to continue analysis and publications by study investigators.	
Health & Human Svc, Dept/NIH - Natl Human Genome Rsch Inst	\$5,922
<u>Native Hawaiian Community Health Issues Surrounding Genetic and/or Genomic Research</u>	
Mau, Marjorie K H	Department of Native Hawaiian Health
To organize a roundtable discussion between the Native Hawaiian community about Hawaiian health issues surrounding genetic and/or genomic research.	
Health & Human Svc, Dept/NIH - Natl Inst of Neurologcl Disordr & Stroke	\$34,000
<u>Emotion and Cognition on Gene, Cell and Systems Levels</u>	
Nichols, Robert	Department of Cell and Molecular Biology
The proposal is targeted at the modulation of attention, learning and memory, especially by stress, and at the mediating role of anxiety. The clinical targets include attention deficit disorder, anxiety and psychotic disorders. It is our intention to link clinically oriented projects with animal models on a genetic basis.	
Health & Human Svc, Dept/NIH - Natl Inst on Aging	\$17,716
<u>Hawaii Family Study of Cognition Surveillance Feasibility Study</u>	
Hishinuma, Earl S	Department of Psychiatry
Contact participants from the original Hawaii Family Study of Cognition to see if they are willing to take part in a follow-up study.	

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Research

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA)	\$46,000
<u>How Many Have Been Lost? Using Ancient DNA to Develop Baselines for Coral Reef Conservation and Management</u>	
Toonen, Robert J	Hawaii Institute of Marine Biology
Using ancient DNA from Bishop museum collections of uhu (parrotfish) to determine historical population sizes for management and conservation efforts.	
Commerce, Dept/NOAA - Natl Marine Fisheries Svc	\$3,802
<u>Genetic Analyses of the Hawaiian Monk Seal</u>	
Schultz, Jennifer K	Hawaii Institute of Marine Biology
The PI will perform genetic analyses (sequencing and genotyping) to elucidate the diet and reproductive biology of the Hawaiian monk seal.	
Commerce, Dept/NOAA - Natl Marine Fisheries Svc	\$9,900
<u>Genetic Analyses of the Hawaiian Monk Seal</u>	
Schultz, Jennifer K	Hawaii Institute of Marine Biology
The PI will perform genetic analyses (sequencing and genotyping) to elucidate the diet and reproductive biology of the Hawaiian monk seal.	
Commerce, Dept/NOAA - Natl Weather Service	\$9,500
<u>Development of a Pilot Project to Provide High Resolution Climate and Information Services to Farmers (Kona Coffee Growers Association)</u>	
Schroeder, Thomas A	Joint Institute for Marine and Atmospheric Research
To document and collect all available rainfall and temperature records in the Big Islands area, and analyze the data to develop a pilot project to provide this high resolution climate information and services to the farmers that make up the Kona Coffee Growers Association.	

DOD-Department of Defense

Defense, Dept - Air Force	\$154,448
<u>Operations and Management of the Maui Supercomputing Center</u>	
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	\$527,040
<u>Operations and Management of the Maui High Performance Computing Center</u>	
Lassner, David K	Information Technology Services
Cost reimbursement award term contract for research development, operations and management of the Maui High Performance Computing Center.	
Defense, Dept - Air Force	\$7,839,511
<u>Operations and Management of the Maui High Performance Computing Center</u>	
Lassner, David K	Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.	

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Research

DOD-Department of Defense

Defense, Dept - Air Force	\$11,684
<u>Operations and Management of the Maui High Performance Computing Center</u>	
Lassner, David K	Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercoming Center.	
Defense, Dept - Air Force	\$26,316
<u>Operations and Management of the Maui Supercomputing Center</u>	
Lassner, David K	Information Technology Services
Cost reimbursement award term contract for research, development, operations and management of the Maui Supercomputing Center.	
Defense, Dept - Office of Naval Research	\$50,000
<u>Development of a Combined Raman and LIBS System for Stand-off Detection of Explosive Residues</u>	
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	\$43,893
<u>Multiple Approaches for Testing Novel Coatings in the Laboratory and in Pearl Harbor, Hawaii. Investigations at the Microbial and Macrofouler Levels</u>	
Hadfield, Michael G	Pacific Biosciences Research Center
Testing of fouling organisms on experimental marine coatings.	

DOE-Dept of Energy

Energy, Dept - FED	\$2,439,821
<u>Hawaii-New Mexico Sustainable Energy Security Partnership. Phase 4</u>	
Rocheleau, Richard E	Hawaii Natural Energy Institute
The Hawaii Natural Energy Institute (HNEI) of the University of Hawaii's program goal is to evaluate, test, and demonstrate energy resource technologies to facilitate greater penetration of Hawaii's indigenous renewable energy sources and reduce Hawaii's predominant (>90%) dependence on imported fossil fuels.	
Energy, Dept - FED	\$951,381
<u>Hawaii-New Mexico Sustainable Energy Security Partnership. Phase 4</u>	
Rocheleau, Richard E	Hawaii Natural Energy Institute
The Hawaii Natural Energy Institute (HNEI) of the University of Hawaii's program goal is to evaluate, test, and demonstrate energy resource technologies to facilitate greater penetration of Hawaii's indigenous renewable energy sources and reduce Hawaii's predominant (>90%) dependence on imported fossil fuels.	
Energy, Dept - FED	\$175,000
<u>Development of Catalytic Alkylation and Fluoroalkylation Methods</u>	
Vicic, David	Department of Chemistry
To develop energy efficient methods for alkylation and fluoroalkylation.	

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Research

DOI-Dept of Interior

Interior, Dept - National Park Service	\$320,791
<u>Experimental Removal of Selected Invasive Plants from Big Island Parks</u>	
Duffy, David C	Department of Botany
Continue experimental eradication methods against incipient and localized weed infestations and achieve knockdown of moderate to dense alien weed infestations from selected plant communities in National Parks on Big Island.	
Interior, Dept - National Park Service	\$213,900
<u>Developing and Evaluating Techniques to Restore Native Hawaiian Plant Communities Threatened by Invasive Plants</u>	
Duffy, David C	Department of Botany
Evaluate weed removal techniques and document efficacy, differential results in target areas, and the need for post weed control restoration of native plants at Haleakala National Park.	
Interior, Dept - National Park Service	\$26,946
<u>Monitor and Protect Newly Discovered Hawksbill Turtle Nesting Beaches</u>	
Duffy, David C	Department of Botany
Collect baseline data and monitor hawksbill turtles at newly discovered nesting beaches at Kahakahakea, Pohue Bay, Awili Point, and Manuka, and identify and control adverse effects on the nesting habitat.	
Interior, Dept - National Park Service	\$305,800
<u>Developing and Evaluating Techniques for Controlling Invasive Plants</u>	
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	\$17,000
<u>Fire Restoration Ecology Study in Lowland Grasslands</u>	
Daehler, Curtis C	Department of Botany
Document fire effects on the lowland pili (<i>Heteropogon contortus</i>) grassland community in Hawaii Volcanoes National Park.	
Interior, Dept - National Park Service	\$19,000
<u>Striped Mullet in Hawaii</u>	
Beets, James	Natural Sciences-UHH
Provide information regarding the biology, ecology, traditional use, aquaculture and fisheries for the striped mullet as part of pond restoration at Kaloko-Honokohau Natl Historical Park	
Interior, Dept - National Park Service	\$81,570
<u>Land Development Process Monitoring and Trail Management Planning for NPS</u>	
Minerbi, Luciano	Department of Urban and Regional Planning
Develop land development process monitoring and trail management planning tools for the coordinated implementation of the Ala Kahakai National Historic Trail Comprehensive Management Plan.	

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Research

Federal Agencies

Environmental Protection Agency \$66,590

Hawai Coastal Ed & Stewardship (HICES)

Kalvaitis, Darius Education Dept--UHH

Build partnerships between coastal environmental education (EE) related organizations, train pre-service teachers, educate K-6 students, and engage community audiences to advance EE and stewardship through formal and informal education efforts.

Foreign

National Astronomical Observatory of Japan \$72,540

NAOJ-Subaru Telescope Use of the UH 2.2-m Telescope FY10

Aspin, Colin Institute for Astronomy

To foster collaborative astronomical programs, primarily, the collaborative use the UH 2.2 meter telescope by National Astronomical Observatory of Japan observers.

Hawaii- Business and Other

Belt Collins Hawaii, Ltd \$75,982

Assessment of the Marine Environment in the Vicinity of the Chevron Offshore Pipelines, Barbers Point, Oahu, Hawaii

Dollar, Steven J School of Ocean and Earth Science and Technology

Conduct surveys to determine effects to the marine environment from existing offshore pipelines that run from Chevron Refinery at Barbers Point Oahu to offshore ship moorings. Results of surveys will be used to design routes for future pipelines

Chee (Wil) Planning, Inc \$38,597

Revision of the Rainfall Atlas of Hawaii

Giambelluca, Thomas W Department of Geography

We will develop a new digital Rainfall Atlas of Hawai'i including high-resolution maps of mean monthly and annual rainfall for all the major Hawaiian Islands. These new rainfall maps will be based on raingage data and expert knowledge, supplemented with other predictors, such as radar rainfall and model estimates.

Chee (Wil) Planning, Inc \$77,235

Revision of the Rainfall Atlas of Hawaii

Giambelluca, Thomas W Department of Geography

We will develop a new digital Rainfall Atlas of Hawai'i including high-resolution maps of mean monthly and annual rainfall for all the major Hawaiian Islands. These new rainfall maps will be based on raingage data and expert knowledge, supplemented with other predictors, such as radar rainfall and model estimates.

East West Center \$60,000

Pacific Region Integrated Climatology Information Products (PRICIP)

Merrifield, Mark A Joint Institute for Marine and Atmospheric Research

This Scope of Work represents a portion of the High Seas theme-specific work plan that will lead to the creation of a High Seas derived-data product suite.

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Research

Hawaii- Business and Other

Hawaii Council for the Humanities	\$10,000
<u>Talking Story About Language: Materials Development for Two Films on Hawai'i Creole</u>	
Higgins, Christina M	Department of Second Language Studies
This project will produce educational materials for teachers to be used with two recently produced films on Hawaii Creole. The materials will be produced in consultation with humanities scholars and four in-service teachers. A website will also be developed as part of this project.	
Oceanit Laboratories, Inc	\$5,000
<u>Oceanit Observation Services</u>	
Kuhn, Jeffrey R.	Institute for Astronomy
Provide observation services to observe several stars in the near infrared to characterize the feasibility of daytime infrared imaging	
TREX Enterprises Corp.	\$75,237
<u>Modeling and Simulation of an Ocean WEC Device for Sensor Applications - Phase II</u>	
Ertekin, R Cengiz C	Department of Ocean and Resources Engineering
An Ocean Wave Energy Conversion device will be analyzed and tested to determine its technical feasibility.	

Hawaii- Government Agencies

Health, Dept - Alcohol & Drug Abuse Div-HI	\$183,545
<u>Data Collection and Analysis of Substance Abuse Prevention Services</u>	
He, Shi-Jen	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	\$27,000
<u>Hair Analysis for Mercury and Arsenic Exposure</u>	
Li, Qingxiao	Department of Molecular Biosciences and Bioengineering
To assist the Hazard Evaluation and Emergency Response Office, Hawaii Department of Health in establishing a biomonitoring project to assess exposure to hazardous substances in the environment. Mercury and arsenic will be measured in hair collected from Women, Infant and Child participants.	
Health, Dept - HI	\$34,810
<u>Evaluation of Hawaii Gatekeeper Training Initiative</u>	
Inazu, Judith K	Social Science Research Institute
Develop and implement the evaluation for the Hawaii Gatekeeper Training Initiative, a Statewide suicide prevention initiative and each funded prevention project, under the direction of the Hawaii State Department of Health.	
Human Services, Dept - HI	\$1,985,975
<u>Hawaii Demonstration to Maintain Independence and Employment</u>	
Ozaki, Rebecca S	College of Education
The project will develop and implement a community-based employment maintenance program for individuals with diabetes who are at high risk of becoming disabled (i.e., becoming unemployed). The project will randomly assign 450 participants into three equally sized groups: a control group, a Medication Therapy Management group, and Individualized Life Coaching group.	

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Hawaii- Government Agencies

Land & Natural Res, Dept - Div of Aquatic Resources-HI	\$16,500
<u>Characterization of the Fishery for Bonefish `o`io (Albula spp.) Around Oahu</u>	
Friedlander, Alan M	Department of Zoology
Design and implement angler-based tagging program for bonefish. Collect and analyze catch and effort data from tagging program, develop reports and talks based on tagging program with emphasis on fish success by location, gear type, and season.	
Land & Natural Res, Dept - HI	\$50,000
<u>Control of Arboreal Little Fire Ants (Wasmannia auropunctata) in Hawaiian Agricultural Systems</u>	
Duffy, David C	Department of Botany
Experiment with ant baits to control Little Fire Ants at UH Experimental Farm in Waiakea.	
Land & Natural Res, Dept - HI	\$26,750
<u>GIS Research on State Forest Lands</u>	
Duffy, David C	Department of Botany
Work cooperatively with DLNR on GIS mapping of forest fire response and development of a state forestry plan.	
Land & Natural Res, Dept - HI	\$266,739
<u>Invasive Species Committee ARRA Support</u>	
Duffy, David C	Department of Botany
Conduct surveys and control of invasive plants statewide and collect data into a statewide geospatial database.	
Land & Natural Res, Dept - HI	\$23,805
<u>Development of Herbicide Ballistic Technology as an Effective Incipient Weed Mitigation Tool</u>	
Leary, James	College of Tropical Agriculture and Human Resources
To determine sound chemical combinations for effectively controlling top-priority weed in Hawaii with a novel technique in directed ultra-low volume herbicide application.	
Land & Natural Res, Dept - HI	\$41,255
<u>Threatened and Endangered Species Recovery: Kauai</u>	
Duffy, David C	Department of Botany
Conduct applied field research to promote recovery of Kauai's threatened and endangered plants.	
Land & Natural Res, Dept - HI	\$45,000
<u>Kawainui Marsh Alien Species Removal</u>	
Duffy, David C	Department of Botany
Conduct habitat restoration work for endangered water birds in Kawainui marsh.	
Transportation, Dept - HI	\$165,000
<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.	

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Research

Hawaii- Health Organizations

Kuakini Medical Center \$136,599
Epidemiology of Aging and Dementia Autopsy Research
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

Hawaii Alliance for Arts Education \$117,500
Evaluation of Year 3 of the Arts and Literacy for All Project
Brandon, Paul R Curriculum Research and Development Group
Evaluate and conduct research on a project to integrate drama and dance teaching strategies into elementary school reading instruction.

Hui Malama i ke Kai Foundation \$16,256
Hui Malama o ke Kai
Sy, Angela Department of Public Health Sciences and Epidemiology
Collect and analyze data on program activities for the Hui Malama o ke Kai program and provide other evaluation research support as needed.

Mainland- Business and Other

AmericaView \$17,364
StateView Program Development and Support for the State of Hawaii
Wright, Robert Hawaii Institute of Geophysics and Planetology
Promoting the use of satellite remote sensing in the State of Hawaii through education, outreach and research.
Archive satellite data relevant to the State of Hawaii.

Intellis Corporation \$50,000
Feasibility Analysis and Experimentation on Utilizing Intellis' Brain Based Mission Manager Technology with Unmanned Underwater Vehicle Technologies
Choi, Song K College of Engineering
This initial stage is to learn how to adapt the Intellis Brain Based Mission Manager with the UHM's unique unmanned underwater vehicle capabilities for developing solutions for the detection of underwater unexploded ordinances

Mainland- Health Organizations

American Institute for Cancer Research \$165,000
Regulation of the MYCN Oncogene in Neuroblastoma
Wada, Randal K Cancer Research Center
This project will identify functionally significant regions in DNA that turn the MYCN gene on and off in tumor cells.

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Mainland- Health Organizations

Riverside Research Institute \$25,500
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

Mainland- Non-Profit Organizations

California Table Grape Commission \$30,000
Characterization of Critical Physical and Mechanical Properties of Lyophilized Grape Powder Required for Patient Delivery System Development
Morris, Kenneth College of Pharmacy-UHH
Generate formulation strategies for the grape powder based upon the desired delivery characteristics and the physical-mechanical-micromeritic properties of the powder.

Planetary Science Institute \$8,214
US Near-Earth Object Surveillance Satellite Science Team Support
Granvik, Mikael Institute for Astronomy
Operation support for the participation of scientists on the Near Earth Space Surveillance Science Team of the Near-Earth Object Surveillance Satellite mission.

TRUE Research Foundation \$117,008
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).

V Foundation \$200,000
Identifying IGF1 Genetic Susceptibility Variants for Prostate Cancer in African Americans
Cheng, Iona Cancer Research Center
This proposal will identify insulin-like growth factor (IGF1) genetic variants that influence the risk of prostate cancer among African Americans.

National Aeronautics and Space Administration

National Aeronautics & Space Administration \$80,000
ANITA: Antarctic Impulsive Transient Antenna
Gorham, Peter W Department of Physics and Astronomy
To fly a long duration balloon mission to address the question of the nature and origin of the highest energy cosmic rays, and the ultimate limits of energy in the universe.

National Aeronautics & Space Administration \$380,938
IPA for Peter Hacker
Hacker, Peter W Hawaii Institute of Geophysics and Planetology
Collaborate with NASA colleagues on earth and space sciences

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Research

National Science Foundation

- National Science Foundation \$128,000
Retrodirective Antenna Arrays for Secure Data Transmission in Covert Terrestrial and Nanosatellite Sensor Networks (17U07UHShiro)
Shiroma, Wayne Akira Department of Electrical Engineering
Develop novel antennas and infrasound techniques for intelligence-gathering scenarios.
- National Science Foundation \$137,485
The Application of Global Positioning System (GPS) Sondes to Hurricane Intensity Evolution
Barnes, Gary M Department of Meteorology
Use the Global Positioning Sondes deployed from research aircraft in several hurricanes to understand intensity evolution and tornadogenesis within the storm.
- National Science Foundation \$1,584,380
Effects of Sea Level on Wave-Driven Inundation for Reef-Fringed Shorelines
Merrifield, Mark A Department of Oceanography
Field experiment and numerical modeling study of wave-driven inundation at the Marshall Islands.

US Colleges and Universities

- California Davis, University of \$66,500
2009 IR-4 Western Region Food Use Field Trial Program
Kawate, Michael K Department of Plant and Environmental Protection Sciences
Pesticide residue field trials for registration of pesticides in crops specified in subcontract. Involves applying pesticides to crops, sampling of crops, delivering/shipping of samples to analytical laboratories for residue analysis, completing and submitting data and reports to sponsor.
- California Davis, University of \$20,000
2009 IR4 Western Region Food Use Field Trial Analytical Program
Li, Qingxiao Department of Molecular Biosciences and Bioengineering
Determine residual levels of the pesticide fludioxonil on pineapple for 4 trials to support its registration for use on pineapple.
- California Irvine, University of \$94,863
A Multiplex Serodiagnostic Protein Microarray
Nerurkar, Vivek R Dept of Trop Med, Medical Microbiology and Pharmacology
Pathogens leave a distinct signature of infection with their hosts as a unique antibody response. We develop an "antigen" protein-based microarray to probe host sera and tissue for past infection at an extremely high pathogen-specific resolution. This will provide an important tool for elucidating the true distribution of infectious agents.
- California Santa Cruz, University of \$15,435
Partnership for Interdisciplinary Studies of the Coastal Ocean (PISCO)
McManus, Margaret Anne Department of Oceanography
The object of this activity is to bring specialists together across disciplines; analyze subtidal, intertidal, and oceanographic findings collectively; and develop a more synthetic view of the processes that occur in coastal waters. Our ultimate aim is to move toward a capability for forecasting the effects of climate change on the ecology of coastal waters.

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Research

US Colleges and Universities

Case Western Reserve University	\$15,160
<u>Role of Mitochondria in HIV Lipotrophy</u>	
Gerschenson, Mariana	John A. Burns School of Medicine
Perform laboratory assays on samples submitted by Case Western.	
Case Western Reserve University	\$10,862
<u>Metabolic Consequences of Thymidine Sparing Regimens</u>	
Gerschenson, Mariana	John A. Burns School of Medicine
Perform laboratory assays on samples submitted by Case Western.	
Cornell University	\$75,755
<u>Stardust-NExT Project</u>	
Meech, Karen J	Institute for Astronomy
To define the rotation period of the comet to assess the observing strategy and to enable the determination of the appropriate strategies for targeting the impact crater on the flyby of comet 9P/Tempel 1.	
Harvard University	\$305,178
<u>Networking Research Resources Across America</u>	
Yanagihara, Richard	Department of Pediatrics
The objective of this multi-institutional proposal is to identify and curate unique animal, clinical and biospecimen resources to encourage interdisciplinary collaboration and scientific exchange among institutions across America.	
Mississippi, University of	\$36,587
<u>Nuclear Arms Control Technology Program (NACT): Project Coordination for Sayarim Experiment</u>	
Garces, Milton A	Hawaii Institute of Geophysics and Planetology
Develop portable infrasound array and analyze data.	
Purdue University	\$89,906
<u>Natural Inhibitors of Carcinogenesis 2010</u>	
Pezzuto, John	College of Pharmacy-UHH
Investigate effects on subcellular translocation and suppressing carcinogenesis	
Southern California, University of	\$117,820
<u>Characterizing Genetic Susceptibility to Breast and Prostate Cancer; the BPC3</u>	
Le Marchand, Loic	Cancer Research Center
The major goal of this project, which is part of the "Cohort Consortium," is to allow for large-scale analyses of breast and prostate cancer risk in relation to genetic polymorphisms and gene-environment interactions that affect hormone metabolism.	
Utah, University of	\$661,970
<u>Novel Inhibitors of Metastasis</u>	
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: 84

Subtotal: \$26,374,656

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Non-Research

DA-Dept of Agriculture

Agriculture, Dept - Coop State Rsch, Ed, & Ext Svc (CSREES)-FED	\$508,618
<u>Molokai Native Hawaiian Beginning Farmer Program</u>	
Teves, Glenn I	Department of Tropical Plant and Soil Sciences
Conduct educational and training for beginning native Hawaiian on crop production and farm management.	
Agriculture, Dept - FED	\$197,000
<u>A Risk Management Training Program for Underserved Southeast Asian Growers of Hawaii</u>	
Sugano, Jari S K	Department of Plant and Environmental Protection Sciences
This program for under-served Southeast Asian growers of Hawaii will provide training and information on crop production that include seed selection, soil fertility, pest management, pesticide use and safety and introduction to federal programs that enable them to make informed decisions and become successful farmers.	
Agriculture, Dept - FED	\$232,972
<u>Crop Insurance Education for Hawaii's Producers 2008-2010</u>	
Nakamoto, Stuart T	Department of Human Nutrition, Food and Animal Sciences
Prepare educational materials, deliver workshops and small group/one-on-one assistance on crop insurance to agricultural professionals and targeted producer groups in Hawaii.	

DHHS-Dept of Health and Human Services

Health & Human Svc, Dept - FED	\$100,000
<u>Hawaii Emergency Transition One Stop</u>	
Ozaki, Rebecca S	Center on Disability Studies
To establish a plan of action that would establish a system to assist individuals with a disability and their family to successfully transition emergency or crisis events and remain intact.	
Health & Human Svc, Dept - Hlth Res & Svcs Adm (HRSA)	\$743,488
<u>Model State-Supported Area Health Education Center</u>	
Withy, Kelley Marie	Department of Complementary and Alternative Medicine
Improve diversity, distribution, and quality of the health professions workforce.	
Health & Human Svc, Dept/NIH - Natl Cancer Institute	\$115,662
<u>Cancer Information Service</u>	
Vogel, Carl-Wilhelm	Cancer Research Center
The National Cancer Institute's cancer Information Service is a national resource for information and education about cancer, providing the latest and most accurate cancer information to patients and their families, the public, and health professionals. Hawaii's Partnership Program focuses on Native Hawaiians and other medically underserved populations in the US Pacific.	
Health & Human Svc, Dept/NIH - Natl Ctr for Rsch Resources	\$188,708
<u>Pacific Education and Research for Leadership in Science (PEARLS) - Administrative Supplement for Science Education</u>	
Withy, Kelley Marie	Department of Complementary and Alternative Medicine
Additional funding is requested for travel, curricular supplies and staff time to provide science teacher training in the rural and isolated areas of the Pacific. The planned activities include expanded foundational science teacher education and train-the-trainer seminars.	

Gifts, Grants, and Contracts for October 2009

Non-Research

DOC-Dept of Commerce

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) \$50,000

Monk Seal and Cetacean Response Through UHH

Turner, Jason Natural Sciences-UHH

Build the necessary capacity for monk seal and cetacean stranding responses and to assist organizations and programs that are needed on the Island of Hawaii

Commerce, Dept - Natl Oceanic & Atmospheric Adm (NOAA) \$40,000

Cultural Research Expedition to Mokumanamana Island in the Papahānaumoku Marine National Monument in Conjunction with Winter Solstice

Makuakane-Lundin, Gail M Vice Chancellor for Student Affairs-UHH

Winter solstice trip to establish the alignment of Ke ala polohiwa a Kanaloa with Mokumanamana Island or the winter solstice.

ED-Dept of Education

Education, Dept - FED \$261,882

Title III: ANNH Grant Supplemental Funding (Technology Innovation) - Kupu Ka Wai

Matsui, Sandra Y Chancellor, Honolulu Community College

Funds will be used to support technology innovations: Develop & implement new online learning platforms to deliver instruction and student support services; expand faculty and staff development; acquire educational technology tools to support distance and blended learning; create technology integrated classes for learning.

Education, Dept - FED \$262,399

Creating a Mobile High-Touch, High-Tech Learning Environment: A Program to Promote Academic & Psychosocial Engagement & to Increase Participation STEM

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 \$83,333

Promoting Rigorous Career and Technical Education Programs of Study Through Statewide Articulation Agreements

Meixell, Angela C Vice President for Administration

To develop academic and technical standards and to assist students in meeting such standards including through preparation for high-skill, high-wage or high-demand occupations in current and emerging professions and promote development of services/activities that integrate rigorous and challenging academic and CTE instruction, and that link secondary and postsecondary ed.

Education, Dept - FED \$716,000

Redefining Student Services

Hokoana, Lui K Chancellor, Windward Community College

Expand science opportunities and outreach activities to the Windward Community college service area by purchasing educational technology.

Gifts, Grants, and Contracts for October 2009

Non-Research

ED-Dept of Education

Education, Dept - FED	\$3,812,216
<u>Hui a'o mua, The Cooperative for Early Learning: An Early Reading First Project</u>	
DeBaryshe, Barbara D	Center on the Family
To provide professional development to Head Start classrooms to improve the quality of curriculum and instruction.	
Education, Dept - FED	\$211,430
<u>Improving Teacher Quality Grants (2010) - SAHES</u>	
Sorensen, Christine	College of Education
Administer grant competition within Hawaii for higher education projects to improve teacher quality.	
Education, Dept - FED	\$2,722
<u>Student Support Services Program, fy 09</u>	
Johnson, Melissa	Vice Chancellor for Student Affairs-UHH
Education, Dept - FED	\$297,033
<u>Leeward Community College - Upward Bound Math/Science; 2007-2012</u>	
Hoshino, Sandy	Chancellor, Leeward Community College
Provide college preparatory services for high school youth. Program's purpose is to increase academic performance and college going rates in low income and first generation students.	
Education, Dept - FED	\$150,000
<u>Strengthening Rehabilitation Counselor Ed. in a Global Networked Environment</u>	
Cartwright, Brenda Y	Department of Counselor Education
To address the nation's continuing rehabilitation personnel needs by providing a master's level online training program to increase the number of qualified rehabilitation counselors and to upgrade the skills of practicing rehabilitation professionals available for employment in the State-Federal Rehabilitation System.	
Education, Dept - FED	\$264,176
<u>Ha'akumalae</u>	
Yamane, Noreen R	Chancellor, Hawaii Community College
The Hawaiian Life Styles Program of Hawaii Community College will conduct three activities to improve Native Hawaiian educational attainment: (1) renovating instructional space; (2) strengthening native hawaiian student success; (3) developing faculty connections.	
Education, Dept - Ofc of Postsecondary Ed-FED	\$232,727
<u>Improving Engagement and Retention Among Underprepared Students</u>	
Pecsok, Michael H	Chancellor, Leeward Community College
Supplemental budget request is to develop resources for use of technology and innovative practices in education.	

Gifts, Grants, and Contracts for October 2009

Non-Research

Federal Agencies

Japan-United States Friendship Commission	\$15,732
<u>Maintenance, Support, and Promotion of Cross Current Website</u>	
Steinhoff, Patricia G	Department of Sociology
To maintain, support, and promote the Cross Currents bilingual multimedia educational website at the University of Hawaii, where it was developed. The project provides technical support, content improvements, and promotion to appropriate audiences and ensures that the website remains available at www.crosscurrents.hawaii.edu .	
Peace Corps	\$2,980
<u>Collaboration for Peace Corps Recruiting Activities at the University of Hawaii Campuses</u>	
Casey, Rosemary	International and Exchange Programs
Represent Peace Corps at recruiting events, conduct general information meetings, attend campus career fairs, present in classrooms, coordinate training sessions for Returned Peace Corps Volunteers, post & disseminate information about upcoming Peace Corps recruiting events; provide assistance for recruiter visits.	

Foreign

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

Alu Like, Inc	\$272,765
<u>Native Hawaiian Career and Technical Education Project, PY 2009-10</u>	
Lee, Mona	Chancellor, Kapiolani Community College
Recruit, enroll, and support academic completion of Native Hawaiian Students in careers, technical programs via tutorial and other support services leading to attainment of certificates and degrees and transition to the workforce.	
Alu Like, Inc	\$250,000
<u>Native Hawaiian Digital Arts Project</u>	
Yamane, Noreen R	Chancellor, Hawaii Community College
The project proposes to teach digital arts courses to Native Hawaiian students for the recruitment, retention and completion of Native Hawaiian students into the DMA program at Hawaii CC.	
Bishop Museum	\$56,561
<u>ECHO 7</u>	
Tseng, Rose	Chancellor, University of Hawaii at Hilo-UHH
Develop and implement innovative education programs centered on the theme of exploration - navigation exploration via traditional Hawaiian canoes and modern voyages of exploration in space	
Garden Island Resource Conservation & Dev, Inc	\$53,857
<u>Kauai Invasive Species Committee Coqui Frog Eradication</u>	
Duffy, David C	Department of Botany
Support Kauai Invasive Species Committee's coqui frog eradication efforts.	

Gifts, Grants, and Contracts for October 2009

Non-Research

Hawaii- Business and Other

Joint Astronomy Center \$15,622

Assy-Water Vapour Monitor (J414015)

Onaka, Peter

Institute for Astronomy

Fabricate a Assy-Water Vapour Monitor for the Joint Astronomy Center (JAC) per drawing J414015).

Le Jardin Academy \$1,158

University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program - Le Jardin Academy (2009-2011)

Kimura, Iris F

Kinesiology and Leisure Science Department

Advanced education and research internship experience: A Board of certification Athletic Trainer will participate in clinical and research experiences in order to enhance the educational and research application of athletic training/sport medicine practice.

Le Jardin Academy \$1,204

University of Hawaii at Manoa Advanced Athletic Training Graduate Assistantship Program - Le Jardin Academy (2009-2011)

Kimura, Iris F

Kinesiology and Leisure Science Department

Advanced education and research internship experience: A Board of certification Athletic Trainer will participate in clinical and research experiences in order to enhance the educational and research application of athletic training/sport medicine practice.

Hawaii- Dept of Education

Education, Dept - HI \$142,799

P-20 Initiative Memorandum of Agreement with Hawaii Department of Education

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.

Education, Dept - HI \$30,000

A Study of the Implementation and Outcomes of the Central Kauai Complex 21st Century Community Learning Centers in 2008-2009.

Higa, Terry Ann

Curriculum Research and Development Group

The evaluators will develop a draft evaluation design and data-collection instruments for feedback from the project staff. These documents will be revised based on the feedback. The evaluators will provide copies of the data-collection instruments according to the evaluation design schedule, collect and analyze the data, and write the evaluation report.

Hawaii- Government Agencies

County of Hawaii \$23,909

Process Evaluation of the Implementation of Expanded Drug Court Services

Brown, Marilyn

Social Sciences-UHH - Division Office

Evaluation to document the strengths and weaknesses of the operation of drug court activities while assessing the roles and relationships among the partnering agencies and describe the impact of these services on the justice system

Gifts, Grants, and Contracts for October 2009

Non-Research

Hawaii- Government Agencies

County of Maui - Ofc of Economic Development	\$107,500
<u>UH-CTAHR Extension and Research Projects in Maui County FY2010</u>	
Keyser, Harold H	Maui County CTAHR Extension and Research Office
Conduct extension and research activities in Maui County by CTAHR faculty in the areas of agriculture, youth, family and inter-generational programs.	
Hawaiian Affairs, Office of-HI	\$1,243,336
<u>Na Pua Noeau 2010</u>	
Sing, David K	Chancellor, University of Hawaii at Hilo-UHH
Educational enrichment for native Hawaiian children in grades K through 12	
Hawaiian Affairs, Office of-HI	\$78,783
<u>Aha Opio Alakai 2010</u>	
Sing, David K	Chancellor, University of Hawaii at Hilo-UHH
Youth leadership academy for Native Hawaiian children	
Health, Dept - Child & Adolescent Mntl Hlth Div-HI	\$48,498
<u>Psychiatrist for Part-Time Service at the Department of Health, Child/Adolescent Mental Health Division Family Court Liaison Branch</u>	
Carlton, Barry	Department of Psychiatry
Agreement to provide physician and physician related services to the Family Court Liaison Branch.	
Human Services, Dept - HI	\$139,560
<u>UH - CES Supplemental Nutrition Assistance Program Education</u>	
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.	
Human Services, Dept - HI	\$141,480
<u>UH - CES Supplemental Nutrition Assistance Program - Education</u>	
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.	
Land & Natural Res, Dept - HI	\$11,658
<u>State Park Resource Management Rangers</u>	
Duffy, David C	Department of Botany
Implement natural and cultural resource protection projects, management activities to reduce threats to resources, and implement activities to encourage community involvement in state parks on Kauai.	
Land & Natural Res, Dept - HI	\$45,000
<u>Volcano Rare Plant Facility (09)</u>	
Kaneshiro, Kenneth Y	Pacific Biosciences Research Center
Propagation and maintenance of endangered Hawaiian plant species at the Volcano Rare Plant Propagation Facility	

Gifts, Grants, and Contracts for October 2009

Non-Research

Hawaii- Government Agencies

Transportation, Dept - HI \$420,000

Hawaii Local Technical Assistance Program (CY2005-2010)

Papacostas, C S Department of Civil and Environmental Engineering
Provide technology transfer to local transportation agencies.

Transportation, Dept - HI \$10,000

Hawaii Pavement Preservation

Papacostas, C S Department of Civil and Environmental Engineering
Provide technical training "Hawaii Pavement Preservation".

Hawaii- Health Organizations

University Clinical, Ed & Research Assoc. (UCERA) \$10,086

Deliver Special Medical Care Program in the Marshall Islands for the P.L. 99-239 Mandated Rongelap & Utirik Populations

Omori(Minami), Jill S. M. Department of Family Medicine and Community Health
Provide time & effort of University of Hawaii John A. Burns School of Medicine Department of Family Medicine & Community Health physicians & administrative support to University Clinical Education & Research Associates for project "Deliver Special Medical Care Program in the Marshall Islands for the P.L. 99-239 Mandated Rongelap & Utirik Populations"

University Clinical, Ed & Research Assoc. (UCERA) \$45,888

Reimbursement Agreement - FY2010 Agreement No. SF10-UCERA-FMCH

Palafox, Neal A Department of Family Medicine and Community Health
Agreement to provide physician and physician related services for FY2010.

Waianae Coast Comprehensive Health Ctr \$31,465

Waianae Health Academy--Ola Loa Ka Naauao

Ringuette, David A Chancellor, Windward Community College
Offer agriculture classes leading to a Certificate of Completion --Agricultural Technology at Waianae Coast Comprehensive Health Center.

Hawaii- Non-Profit Organizations

Enterprise Honolulu \$230,000

NGA Stem

Johnsrud, Linda K Vice President for Academic Planning and Policy
To perform services to support grant deliverable of an Outcomes Accounting System (OAS) to track student performance related to participation in Science, Technology, Engineering and Math (STEM) programs from the Department of Education (DOE) through postsecondary education in Hawaii's public education system.

HCF-Geist Foundation \$10,000

Editor of the journal Language Learning. Published the University of Michigan by Wiley-Blackwell Publishing, 2009-2015

Ortega, Lourdes Department of Second Language Studies
funds to support Lourdes Ortega as incoming Editor of the journal Language Learning with editorial expenses

Gifts, Grants, and Contracts for October 2009

Non-Research

Hawaii- Non-Profit Organizations

such as office supplies, mailing and courier costs, relevant books, payment of ta graduate students as hourly assistant, and travel to and accommodations and meals at meetings and conferences to promote the journal.

University of Hawaii Foundation	\$4,000
<u>Sen Soshitsu Students'/Staff Support</u>	
Huey, Robert N	Center for Japanese Studies
To cover salary and fringe benefits - costs for students and staff support at the Center for Japanese Studies.	
University of Hawaii Foundation	\$10,000
<u>Theatre and Dance Operating Expenses</u>	
Carroll, W Dennis	Department of Theatre and Dance
To support the general operations of the Department of Theatre and Dance. Services provided include the maintenance of the facilities by student assistants; purchasing of stage, lighting, and other theatrical/dance supplies; office supplies; and other goods & services that may be required by the Department.	
University of Hawaii Foundation	\$64,986
<u>Leahi Outpatient Geriatric Clinic S&F Account</u>	
Masaki, Kamal H	Department of Geriatric Medicine
S&F agreement for Leahi Outpatient Geriatric Clinic to cover a portion of Oleksandr Pishchalenko's time.	
University of Hawaii Foundation	\$81,538
<u>Luce Foundation East Asian Archeology and Early History Initiative</u>	
Stark, Miriam T	Department of Anthropology
This agreement between UHF [via Luce Foundation] and UH shall be initiated from UHF Account #125-0030-4 to accommodate salary and fringe benefit expenses for UH employees, Tianlong Jiao, (Assistant Professor 0.25 FTE Asian Archeologist) and Christian Peterson, (Assistant Professor 1.00 FTE Asian Archaeologist).	
University of Hawaii Foundation	\$1,552
<u>Intersections Visiting Artist</u>	
Hamilton, Jaimey E	Department of Art and Art History
Funds to pay Intersections visiting artist.	
University of Hawaii Foundation	\$52,268
<u>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.	
University of Hawaii Foundation	\$5,000
<u>The Primal Quest</u>	
Herman, Louis G	Chancellor, University of Hawaii at West Oahu
Salary of lecturer replacement for Louis Herman to continue work on his Primal Quest book, manuscript, and multimedia project. Money received from Doran Foundation.	

Gifts, Grants, and Contracts for October 2009

Non-Research

Mainland- Business and Other

Institute of Soul Healing & Enlightenment	\$89,312
<u>Evaluation & Development of Teacher Training for Institute of Soul Healing & Enlightenment (ISHE)</u>	
Di, Xu	College of Education
To evaluate and improve the quality of teacher training and the current practices of teaching training at ISHE and develop a recommendation and a plan to upscale it into a full scale university in three years.	
National Writing Project	\$5,000
<u>HWP Vocabulary Development</u>	
Nowak, Rhonda	Institute for Teacher Education
HWP/COE will provide teacher professional development i the area of vocabulary during 2009-2010.	

Mainland- Non-Profit Organizations

Association of University Centers on Disabilities	\$3,000
<u>Hawaii ACT Early Autism Team: Community Awareness and Autism</u>	
Yuen, Jo Ann W	Center on Disability Studies
The funds will be used to promote community awareness around the issue of Autism and strengthen Hawaii's system of early identification and intervention for young children with Autism and their families.	
Ford Foundation	\$300,000
<u>Tie-off Grant for Training and Education on Livable Cities in Vietnam</u>	
Douglass, Michael	Department of Urban and Regional Planning
The work will collaboratively build knowledge on the livability of cities as a focus in urban planning through participation of interested citizens in an internet based multi-media platform for exchanging ideas, posting research, sharing information, and organizing events in Hanoi, Vietnam.	

National Aeronautics and Space Administration

National Aeronautics & Space Administration	\$2,000,000
<u>FY09 Earmark Request for Proposal (RFP)</u>	
Tseng, Rose	Chancellor, University of Hawaii at Hilo-UHH
Earmark funds for the promotion of astronomy in Hawaii (Imiloa Astronomy Center of Hawaii)	

National Science Foundation

National Science Foundation	\$176,352
<u>EAGER: Creating and Evaluating a Makery Cloud</u>	
Scott, Neil G.	Curriculum Research and Development Group
The Makery is a physical workshop where teachers and students learn about and use computer numerically controlled machines. The project's goal is to train teachers and to determine how Internet-based technologies can minimize facility access issues by setting up site nodes at various schools that can be controlled online.	

Gifts, Grants, and Contracts for October 2009

Non-Research

US Colleges and Universities

Boston University \$18,000

Boston University Photonics Center

Hoffman, Mark G

Chancellor, Maui Community College

One Maui Community College Engineering Technology Student and one UH-Manoa electrical Engineering graduate student will assist with on-site tasks at Haleakala under the supervision of Maui Community College Engineering Technology program coordinator and Asst. Professor.

Colorado, University of \$23,334

Native Elder Research Center Fellowship Program

Sinclair, Kaimi

Department of Native Hawaiian Health

The 2-year training fellowship requires travel 6 times per year to attend trainings at the University of Colorado Health Sciences Center with the goal of developing American Indian independent investigators. Trainings include statistics, writing NIH grant applications, study design, using bibliographic software, and mentoring by experienced investigators.

Subcount: 63

Subtotal: \$14,764,549

Count: 147

Total: \$41,139,205

Funds Received from UH Foundation for 10/01/2009 - 10/31/2009

Non-Research

Hawaii- Non-Profit Organizations

University of Hawaii Foundation	\$52,268
"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	\$10,000
"Theatre and Dance Operating Expenses"	
Carroll, W Dennis	Department of Theatre and Dance
To support the general operations of the Department of Theatre and Dance. Services provided include the maintenance of the facilities by student assistants; purchasing of stage, lighting, and other theatrical/dance supplies; office supplies; and other goods & services that may be required by the Department.	
University of Hawaii Foundation	\$1,552
"Intersections Visiting Artist"	
Hamilton, Jaimey E	Department of Art and Art History
Funds to pay Intersections visiting artist.	
University of Hawaii Foundation	\$5,000
"The Primal Quest"	
Herman, Louis G	Chancellor, University of Hawaii at West Oahu
Salary of lecturer replacement for Louis Herman to continue work on his Primal Quest book, manuscript, and multimedia project. Money received from Doran Foundation.	
University of Hawaii Foundation	\$4,000
"Sen Soshitsu Students'/Staff Support"	
Huey, Robert N	Center for Japanese Studies
To cover salary and fringe benefits - costs for students and staff support at the Center for Japanese Studies.	
University of Hawaii Foundation	\$64,986
"Leahi Outpatient Geriatric Clinic S&F Account"	
Masaki, Kamal H	Department of Geriatric Medicine
S&F agreement for Leahi Outpatient Geriatric Clinic to cover a portion of Oleksandr Pishchalenko's time.	
University of Hawaii Foundation	\$81,538
"Luce Foundation East Asian Archeology and Early History Initiative"	
Stark, Miriam T	Department of Anthropology
This agreement between UHF [via Luce Foundation] and UH shall be initiated from UHF Account #125-0030-4 to accommodate salary and fringe benefit expenses for UH employees, Tianlong Jiao, (Assistant Professor 0.25 FTE	
Count:	<u>7</u>
Total:	<u>\$219,344</u>

**Extramural Research Awards
for the Month of
October 2009
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	4	\$444,951	1.69%
DHHS-Dept of Health and Human Services	10	\$4,604,562	17.46%
DOC-Dept of Commerce	4	\$69,202	0.26%
DOD-Department of Defense	7	\$8,652,892	32.81%
DOE-Dept of Energy	3	\$3,566,202	13.52%
DOI-Dept of Interior	7	\$985,007	3.73%
Federal Agencies	1	\$66,590	0.25%
Foreign	1	\$72,540	0.28%
Hawaii- Business and Other	7	\$342,051	1.30%
Hawaii- Government Agencies	12	\$2,866,379	10.87%
Hawaii- Health Organizations	1	\$136,599	0.52%
Hawaii- Non-Profit Organizations	2	\$133,756	0.51%
Mainland- Business and Other	2	\$67,364	0.26%
Mainland- Health Organizations	2	\$190,500	0.72%
Mainland- Non-Profit Organizations	4	\$355,222	1.35%
National Aeronautics and Space Administration	2	\$460,938	1.75%
National Science Foundation	3	\$1,849,865	7.01%
US Colleges and Universities	12	\$1,510,036	5.73%
Total:	<u>84</u>	<u>\$26,374,656</u>	<u>100%</u>

**Extramural Non-Research Awards
for the Month of
October 2009
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	3	\$938,590	6.36%
DHHS-Dept of Health and Human Services	4	\$1,147,858	7.77%
DOC-Dept of Commerce	2	\$90,000	0.61%
ED-Dept of Education	11	\$6,293,918	42.63%
Federal Agencies	2	\$18,712	0.13%
Foreign	1	\$20,000	0.14%
Hawaii- Business and Other	7	\$651,167	4.41%
Hawaii- Dept of Education	2	\$172,799	1.17%
Hawaii- Government Agencies	11	\$2,269,724	15.37%
Hawaii- Health Organizations	3	\$87,439	0.59%
Hawaii- Non-Profit Organizations	9	\$459,344	3.11%
Mainland- Business and Other	2	\$94,312	0.64%
Mainland- Non-Profit Organizations	2	\$303,000	2.05%
National Aeronautics and Space Administration	1	\$2,000,000	13.55%
National Science Foundation	1	\$176,352	1.19%
US Colleges and Universities	2	\$41,334	0.28%
Total:	<u>63</u>	<u>\$14,764,549</u>	<u>100%</u>

**Extramural Research Awards
Year to Date: 07/01/09 - 10/31/09
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	39	\$5,783,363	4.43%
DHHS-Dept of Health and Human Services	63	\$31,998,326	24.53%
DOC-Dept of Commerce	61	\$22,948,525	17.59%
DOD-Department of Defense	29	\$12,810,140	9.82%
DOE-Dept of Energy	13	\$4,680,752	3.59%
DOI-Dept of Interior	36	\$2,579,875	1.98%
ED-Dept of Education	5	\$672,198	0.52%
Federal Agencies	1	\$66,426	0.05%
Foreign	9	\$1,091,681	0.84%
Hawaii- Business and Other	13	\$677,571	0.52%
Hawaii- Government Agencies	48	\$7,440,615	5.70%
Hawaii- Health Organizations	6	\$461,561	0.35%
Hawaii- Non-Profit Organizations	14	\$816,643	0.63%
Mainland- Business and Other	20	\$1,828,583	1.40%
Mainland- Health Organizations	7	\$1,422,703	1.09%
Mainland- Non-Profit Organizations	13	\$1,037,347	0.80%
National Aeronautics and Space Administration	34	\$3,640,029	2.79%
National Science Foundation	63	\$26,681,316	20.45%
US Colleges and Universities	35	\$3,814,802	2.92%
Total:	<u>509</u>	<u>\$130,452,456</u>	<u>100%</u>

Note: YTD amounts include adjustments.

**Extramural Non-Research Awards
Year to Date: 07/01/09 - 10/31/09
Distribution by Sponsors**

<u>AGENCY-UNIT</u>	<u>NO. OF AWARDS</u>	<u>AMOUNT</u>	<u>PERCENT</u>
DA-Dept of Agriculture	11	\$3,095,972	3.23%
DHHS-Dept of Health and Human Services	33	\$9,814,714	10.23%
DOC-Dept of Commerce	11	\$762,155	0.79%
DOD-Department of Defense	1	\$175,560	0.18%
DOI-Dept of Interior	11	\$366,553	0.38%
ED-Dept of Education	59	\$31,319,011	32.65%
Federal Agencies	11	\$7,653,971	7.98%
Foreign	7	\$295,051	0.31%
Hawaii- Business and Other	21	\$2,552,737	2.66%
Hawaii- Dept of Education	4	\$207,406	0.22%
Hawaii- Government Agencies	57	\$8,220,506	8.57%
Hawaii- Health Organizations	21	\$7,700,841	8.03%
Hawaii- Non-Profit Organizations	47	\$3,938,326	4.11%
Mainland- Business and Other	7	\$519,506	0.54%
Mainland- Non-Profit Organizations	10	\$411,104	0.43%
National Aeronautics and Space Administration	2	\$2,030,000	2.12%
National Science Foundation	25	\$16,223,977	16.91%
US Colleges and Universities	9	\$637,339	0.66%
Total:	<u>347</u>	<u>\$95,924,729</u>	<u>100%</u>

Note: YTD amounts include adjustments.